



## Raising Open and User-friendly Transparency- Enabling Technologies for Public Administrations



Project number 645860  
H2020-INSO-2014



### SPOD User Manual

#### “Vega 2.4”

(Draft, version 2.4, 07/05/2017)



WISE & MUNRO



## TABLE OF CONTENTS

1	Quick Introduction.....	7
2	Social Platform for Open Data .....	7
3	Login .....	8
3.1	Sign up.....	8
3.2	Facebook connect .....	10
3.3	Forgotten password .....	11
3.4	Unified login for SPOD/TET .....	12
4	Successful login.....	12
4.1.1	User Profile .....	13
4.1.2	Private messages .....	14
4.1.3	Chat.....	14
4.1.4	Notification of activities.....	14
4.1.5	My preferences.....	14
4.1.6	Adding Friends & Friends Request.....	14
4.1.7	Upload image .....	15
4.1.8	Import link or chart visualisation.....	15
4.1.9	Browsing users.....	16
5	Navigation on SPOD.....	16
5.1	What's new .....	16
5.1.1	Show all users' activities .....	17
5.1.2	Show only friends' activities .....	18
5.2	Quick helper.....	19
5.3	Agora.....	19
5.4	Most relevant, Popular, Latest and My Agora .....	20
5.4.1	Create a Public Room.....	21
5.4.2	Delete a Public Room.....	22
5.4.3	Recommended datasets .....	22
5.4.4	Mentions in the discussion room .....	24
5.5	Public Room .....	25
5.5.1	Import from "My space" .....	27
5.5.2	Add a new or suggested dataset.....	27
5.5.3	📌 Upload image.....	27
5.5.4	Sentiment indicators for a post .....	28
5.5.5	Conversations on SPOD with replies.....	28
5.5.6	Messages Notifications and e-mail Notification .....	29

5.5.7	Search in the discussion room .....	30
5.5.8	Sentiments.....	31
5.5.9	Users graph.....	31
5.5.10	Datalets graph .....	32
5.5.11	Delete or Modify a comment .....	33
5.6	My space .....	34
5.6.1	Include a datalet .....	37
5.6.2	Take-notes.....	37
5.6.3	Add link.....	39
5.6.4	Add a decision Tree.....	41
6	Dataset visualisation: Controllet.....	42
6.1	Visualisation and discussion on datasets .....	42
6.1.1	Visualization of Open data from available open data providers .....	43
6.1.2	Visualization of Open Data from remote datasets.....	51
6.1.3	Any CKAN providers.....	54
6.2	Datalet with data grouping .....	57
7	Co-creation Room .....	59
7.1	Create a new co-creation room .....	60
7.1.1	Add a new member in a grouping work .....	61
7.2	View all dataset.....	62
8	Cocreation Knowledge room .....	63
8.1.1	Notification in the co-creation room .....	63
8.1.2	How to start in a room.....	64
8.1.3	Add a new member in a grouping work .....	66
8.1.4	Co-creation room.....	67
8.1.5	Library .....	71
8.1.6	Add datalet .....	74
8.2	Cocreation data room .....	75
8.2.1	Notifications .....	75
8.3	Some functionalities .....	77
8.3.1	Features of a new spreadsheet.....	78
8.3.2	 A discussion room.....	82
8.3.3	Creation a dataset to publish in SPOD: step by step.....	83
8.3.4	Data Cocreation: Add interactive map.....	86
8.3.5	Function in spreadsheet .....	89
9	Interaction between SPOD and TET.....	90
10	Communication between OpenDataSoft and SPOD.....	93

10.1	Issy-les-Moulineaux in SPOD .....	93
10.2	A new portal (Remote dataset) .....	98
11	Datalets .....	102
11.1	SPOD on social media: Facebook, Twitter and Google+.....	102
11.2	Features .....	107
11.3	Available charts .....	109
11.3.1	Bar chart.....	112
11.3.2	Column chart.....	112
11.3.3	Stacked column chart .....	113
11.3.4	Linechart.....	113
11.3.5	Pie chart .....	114
11.3.6	Areachart chart .....	115
11.3.7	Bubble chart.....	117
11.3.8	Heatmap.....	118
11.3.9	Scatter chart .....	119
11.3.10	Map .....	119
11.3.11	Media Slider .....	119
11.3.12	Timeline.....	120
12	Integration with any CKAN provider .....	121
13	Integration with Ultracl@rity provider .....	123
14	Link-back between SPOD and ISSY (or any OpendataSoft provider) .....	126
15	Datalet visualisation .....	128
15.1	Search box.....	128
15.2	Visualization .....	128
15.3	A remote dataset .....	129
15.4	Data.....	129
15.5	Suggestion type error.....	130
15.6	Expert Mode .....	130
15.7	Choice of a chart .....	130
15.8	INPUTS .....	131
15.9	OPTIONS.....	131
15.10	Column bar chart .....	132
16	Blogs .....	133
17	Manual and Videos.....	135

17.1	Manual easily accessible .....	135
17.2	Video instructions on YouTube.....	136
17.3	Context-sensitive help.....	137
18	Events .....	137
18.1	How add coordinate to find a place of an event .....	139
18.2	How embedded a datalet in the event .....	141
18.3	Upcoming Events in What's new page.....	142
18.4	An Invitation to an event.....	143
19	Maps.....	145
19.1.1	Examples: Open Data portal with available Addresses (KLM, GEOJson, WMS) .....	146
19.1.2	Opendata Network in Prato, Italy.....	146
19.1.3	Opendata Network in Netherland.....	149
20	Notification activity .....	151
20.1	Activity on SPOD platform .....	151
20.2	Cocreation data room notification.....	152
21	Decision Tree .....	154
22	Feedback on SPOD .....	154
23	Browser Compatibility.....	155
24	Help desk.....	155
24.1	Bug Report .....	156
24.2	Language.....	156
24.2.1	Nationalisation in each language (EN, FR, IT, NL) .....	156
24.3	Internalisation of visualisation tool.....	156

## What's new for "Vega" (v. 2.4)

The manual describes all features in each release of SPOD platform. Each paragraph marked with  red pin highlights the "What's new" in the current release:

### Major features

- **Now you can share SPOD content on social media, i.e. Facebook, Twitter and Google+:** SPOD allows to users to share any data visualization (i.e., datalets) on Twitter, Facebook and Google+. A "Share" button (, , ) in each datalet will pop up a new window to pre-fill a tweet with a link of a SPOD datalet, a post on Facebook or Google plus with a content embedded a preview of the datalet.
  - **Share on Twitter**
  - **Share on Facebook**
  - **Share on Google +**
- **Agora and images:** to each post in a discussion room, it is possible to upload an image
  - In a discussion room a new button () allows uploading images
- **New Datalets and enhancements have been introduced:**
  - **Timeline** enables anyone to build visually rich (e.g., images), interactive timelines. The data items can take place on a single date, or have a start and end date (a range). You can freely move and zoom in the timeline. This visualization allows picking stories with a chronologic narrative, or an evolution of storytelling with pictures.
  - **Media Slider:** a catalogue of media (e.g. images ) with descriptions is available among the SPOD datalets
- **Cocreation data room:** A lightweight, high performance web server proxy has been introduced to enhance performance, memory management and to resolve firewall problem (co-creation not working behind a company firewall that prevents ports besides 80 to be used).  
Refactor Ethersheet server side to improve performance and stability
  - Search of a created data room
  - Refactoring of a new discussion room
- **Compatibility with Ortelio's Ultraclarity engine:** now it is possible to show data coming from a query to the Ortelio Ultraclarity engine.
  - UltraClarity is indexing the full text of 425 documents (PDF, DOC, etc) published in the following repository (**Prato Town Council (Italy)**): <http://prato-tet.routetopa.eu>
  - UltraClarity is indexing the full text of 3,280 documents (PDF, DOC, etc) published in the following repositories (**Netherlands**):
    - <https://www.dataplatform.nl/data>
    - <https://data.openstate.eu>
  - UltraClarity is indexing the full text of 1,463 documents (PDF, DOC, etc) published in the following repositories (**Dublin**):
    - <https://data.dublinked.ie/dataset>
    - <http://vmdatagov01.deri.ie:8080/>
- **Stress/load test** for Agora and Cocreation data room (GitHub Issue [#245](#))

## 1 QUICK INTRODUCTION

---

The Social Platform for Open Data (SPOD) enables social interactions among citizens around open datasets coming from different sources (dataset providers).

### Social features

A joint authentication mechanism allows a user to connect to both SPOD and TET platforms.

SPOD is a social platform and, then, enables the traditional social features among users. A user can write a status, can join ongoing discussions, comment and like others' status/comments. As in social networks, we can establish *friendship* with other users, chat with them and see what they are doing.

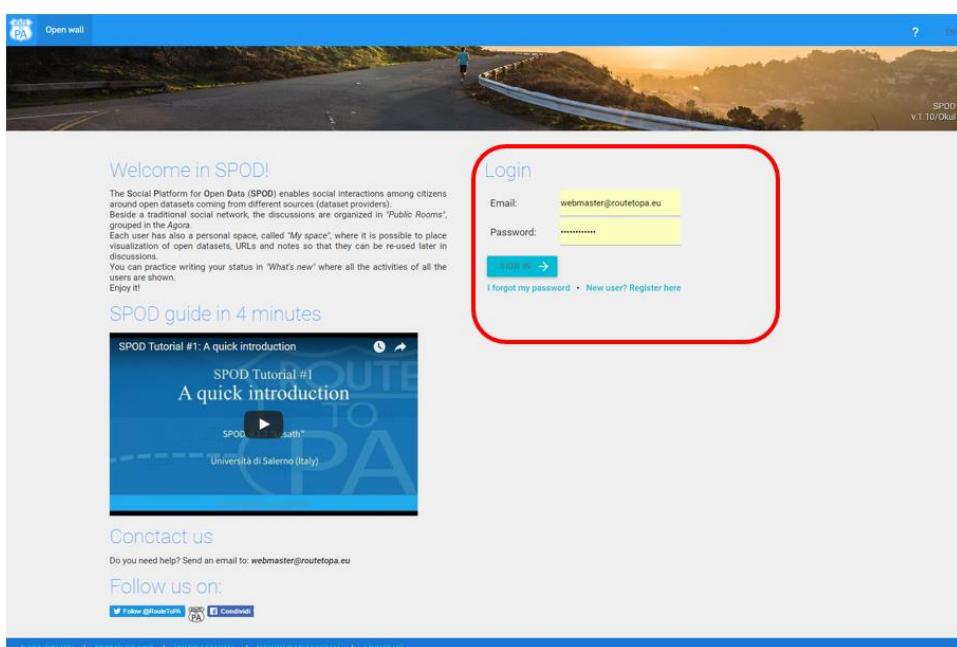
But SPOD also offers some new features like attaching visualization of datasets (called *datalets*) to the comments, advanced "Public rooms" for the discussion (with support to the navigation and orientation), a "Private space" where each one can practice and build privately datalets, and a collaborative group where data can be co-created.

When you enter, you find yourself into the "What's new" page which shows what the other SPOD users are currently doing, what public rooms are currently being updated, display updates about your friends, and (on the left) it shows synthetic information about the status of the SPOD, some help video and Tweets from relevant sources.

## 2 SOCIAL PLATFORM FOR OPEN DATA

---

An unauthenticated user can access the home page of Social Platform for Open Data (SPOD), named "Open Wall", showing the first overview of SPOD.



If the administrator has enabled the registration, a new user can register/sign up on SPOD

A new user can register on the SPOD platform, only if the administrator has enabled the registration, clicking “New user? Register here” link.

## 3 LOGIN

Before proceeding to the SPOD platform, you need to register your profile and become a member of the SPOD platform. Only approved users will be allowed to login to the platform. Users waiting for approval as well as denied users will not be able to login to site. Only the administrator can dis/enable the registration for a new user. A new user can registration on SPOD platform only if the administrator has enabled the registration.

### 3.1 SIGN UP

Only if the administrator has enabled the registration in the SPOD platform, a new user can click on “**New user? Register here**” link, a “Sign up” page allows to fill out information such as e-mail address and a password on top right in SPOD platform

The Social Platform for Open Data (SPOD) enables social interactions among citizens around open datasets coming from different sources (dataset providers). Beside a traditional social network, the discussions are organized in "Public Rooms", grouped in the Agora. Each user has also a personal space, called "My space", where it is possible to place visualization of open datasets, URLs and notes so that they can be re-used later in discussions. You can practice writing your status in "What's new" where all the activities of all the users are shown. Enjoy it!

**Log In**

E-mail:

Password:

**Log In** →

[I forgot my password](#) • [New user? Register here](#)

[Log in](#)

[Sign up](#)

 EN

# ROUTE-TO-PA OpenID Server Endpoint

Use the link on top right if you want to Sign in.

This is an [OpenID](#) server endpoint available for the [ROUTE-TO-PA Project](#).



This project has received funding from  
European Union's Horizon 2020 research and  
innovation programme under grant agreement  
No 645860.

The registration of new user suggests to fill out the following form with e-mail address, and password and new password (see screenshot below);

[Log in](#)

[Sign up](#)

 EN

## Sign up

Type your e-mail address and choose a password. You will receive an email with instructions on how to confirm your account.

E-mail:

Password:

Confirm password:

SIGN UP →

CANCEL X



This project has received funding from  
European Union's Horizon 2020 research and  
innovation programme under grant agreement  
No 645860.

A message notifies the new user to receive instructions to confirm email address' user.

Log in      Sign up      EN

# Sign up

Soon you will receive instructions to confirm your email address, check your email: new.user@email.com

 This project has received funding from  
European Union's Horizon 2020 research and  
innovation programme under grant agreement  
No 645860.

When a new user has been identified by system, s/he can choose a platform to identify (SPOD or TET platform)

new.user@email.com      Your profile      Log out      EN

# ROUTE-TO-PA OpenID Server Endpoint

You have been identified by OpenID. Choose a platform to login in now:

[Go to SPOD](#)    [Go to TET](#)

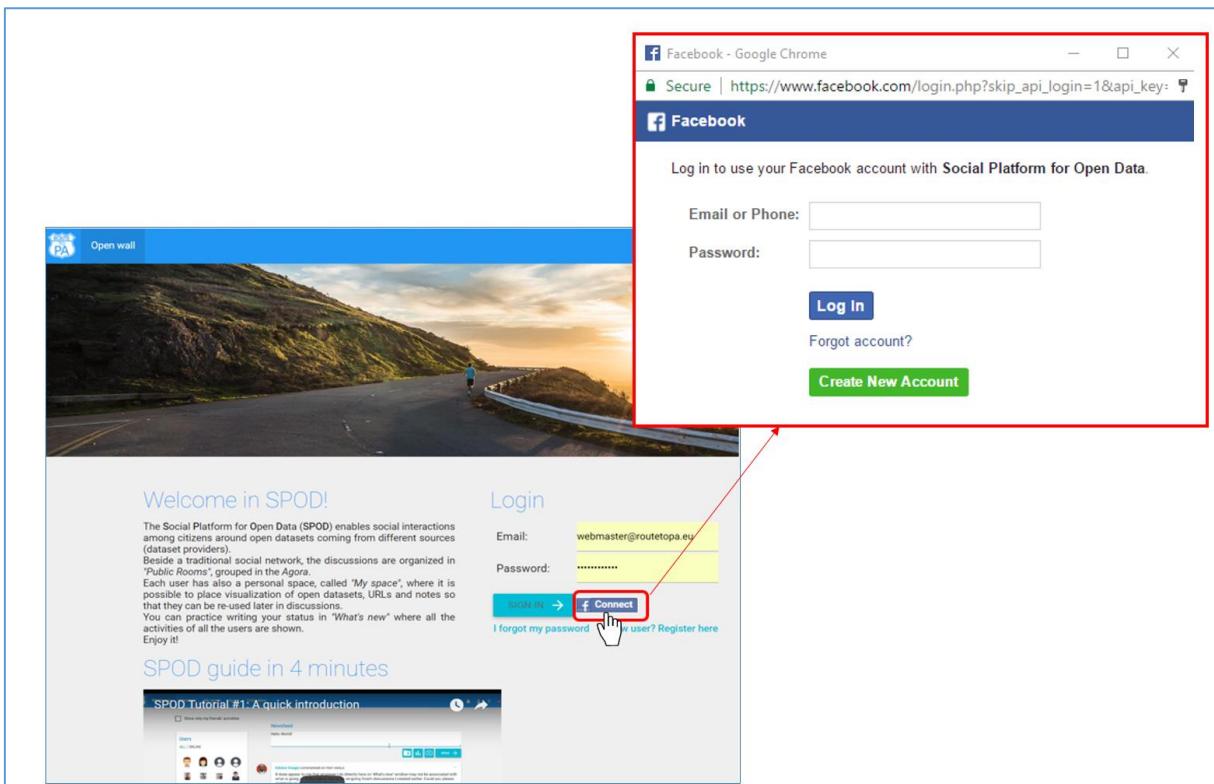
---

This is an [OpenID](#) server endpoint available for the [ROUTE-TO-PA Project](#).

 This project has received funding from  
European Union's Horizon 2020 research and  
innovation programme under grant agreement  
No 645860.

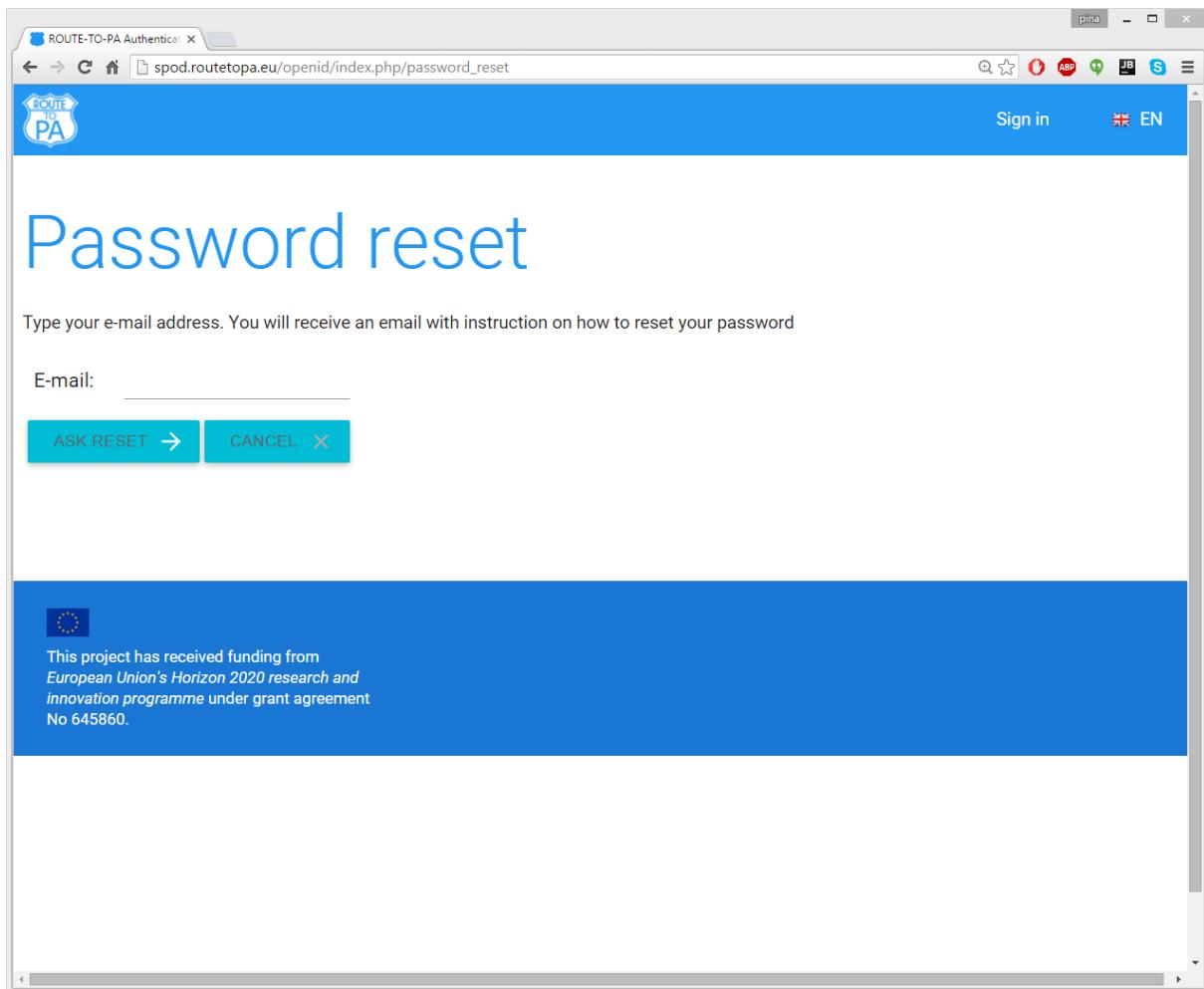
### 3.2 FACEBOOK CONNECT

Allow users to join, sign in, and synchronize profile info using their Facebook accounts in SPOD platform.  
(Available on SPOD platform with enabled user registration)



### 3.3 FORGOTTEN PASSWORD

The “Forgotten password” process can be used for changing password. In both cases, password change and reset in case of forgotten password , process is the same. Click on the “I forgot my password” link to add the e-mail address to receive instruction on how to reset the password and then click on the “ASK RESET” button.



### 3.4 UNIFIED LOGIN FOR SPOD/TET

A user can access to SPOD and TET with a unique username and password credential.

## 4 SUCCESSFUL LOGIN

---

Once logged in, you can see your “*What’s new*” page and can see the recent social activities taking place on SPOD platform.

The screenshot shows the 'What's new' page in SPOD. At the top, there is a navigation bar with links for 'What's new', 'Members', 'My space', 'Agora', and 'CoCreation'. On the right side of the header are various icons for user management and help. Below the header, there is a checkbox option 'Show only my friends' activities' and a 'CUSTOMIZE THIS PAGE' button. The main content area is titled 'Newsfeed' with a placeholder 'What's happening?'. It features a 'SEND' button with three icons. Below this is a list of activity items:

- Sarah Rovo changed their avatar. (Sep 9)
- William and other users posted 6 comments on room Universiadi (EN). (Sep 9)
- Platform Administrator and other users posted 6 comments on room Understanding the functionality of SPOD. (Sep 9)
- Platform Administrator created room WiFi in Prato: coverage extension. (Sep 8)
- Donato Pirozzi created room WiFi in Prato: coverage extension. (Sep 8)

On the left side, there is a sidebar with four custom widgets, each with a 'VIEW ALL' button:

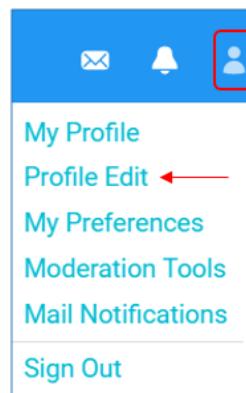
- Users**: Shows a grid of user icons.
- Agora Activities**: Shows a message: 'The last public room created in the Agora is: Demo "Lesath" (v.1.7)'.
- SPOD Help**
- Tweets**

Figure 1: "What's new" page in SPOD with custom widgets (Users, Agora Activities, SPOD help and Tweets) on the left side

#### 4.1.1 USER PROFILE

Once logged in, a user can customise profile information in several way:

1. A user can change/edit his/her profile or change password clicking on the on the navigation top main menu (on the right), clicking on “Profile Edit” from drop-down menu.



Another way to change your profile is the following:

2. A user can switch in the “My friends’ activities” page from your “What’s new” page, and s/he can customize the profile by choosing a few quick features (e.g., change avatar etc...)

## Welcome!

Welcome to our site! Here are a few quick links that you need to start your way around:

- ▷ [Change avatar](#)
- ▷ [Change profile details](#)
- ▷ [Preview/rearrange my profile](#)
- ▷ [Look who's in](#)

Feel free to participate in our community!

### 4.1.2 PRIVATE MESSAGES

A private message is available clicking on  button on the top navigation menu.

### 4.1.3 CHAT

A synchronous messages, e.g. a chat, are available on the bottom bar right corner, with features like “Find contact”, “show only online users” and “Show all users”.

### 4.1.4 NOTIFICATION OF ACTIVITIES

Notifications of the platform are displayed clicking on the  button, on the top right corner menu.

### 4.1.5 MY PREFERENCES

Each user can change the setting of the following properties, click on “My Preferences” in the navigation top main menu (on the right).

#### **Privacy**

How my profile, presence, newsfeed and my friends are public to all, visible only to my friends or private; invite all or only my friends to the chat.

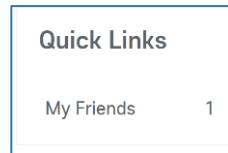
### 4.1.6 ADDING FRIENDS & FRIENDS REQUEST

You can invite your friends individually selecting a user from “Members” page.

At first, you select the user for the friend’s request and then you click the “Add to Friends” button.

[SEND PRIVATE MESSAGE](#)   [ADD TO FRIENDS](#)   [FOLLOW](#)   [MORE ▾](#)

Once this user accepts your request, your “*My friends’ activities*” page will show up your friends list.



#### 4.1.7 UPLOAD IMAGE

Attach a media file (e.g., images), click on button to choose a media file

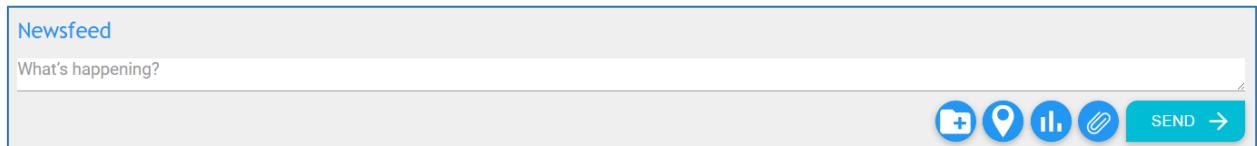


Figure 2: Upload a media file and post a message (status)

In each page as “What’s new” (includes “My friends’ activities”), in “Public Room” pages, a user can post a message clicking in the box area of the “Newsfeed” section (see Figure 2).

#### 4.1.8 IMPORT LINK OR CHART VISUALISATION

You can import a list of available datasets or links stored in the “My space” page, if you click on the following button and “search” functionality of the “My space” is available:

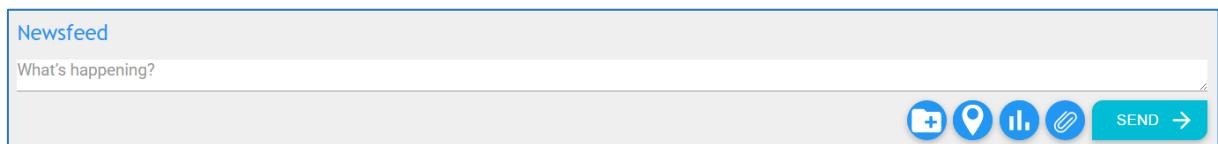


Figure 3: Click on button for import links, data visualisation from “My Space” page.

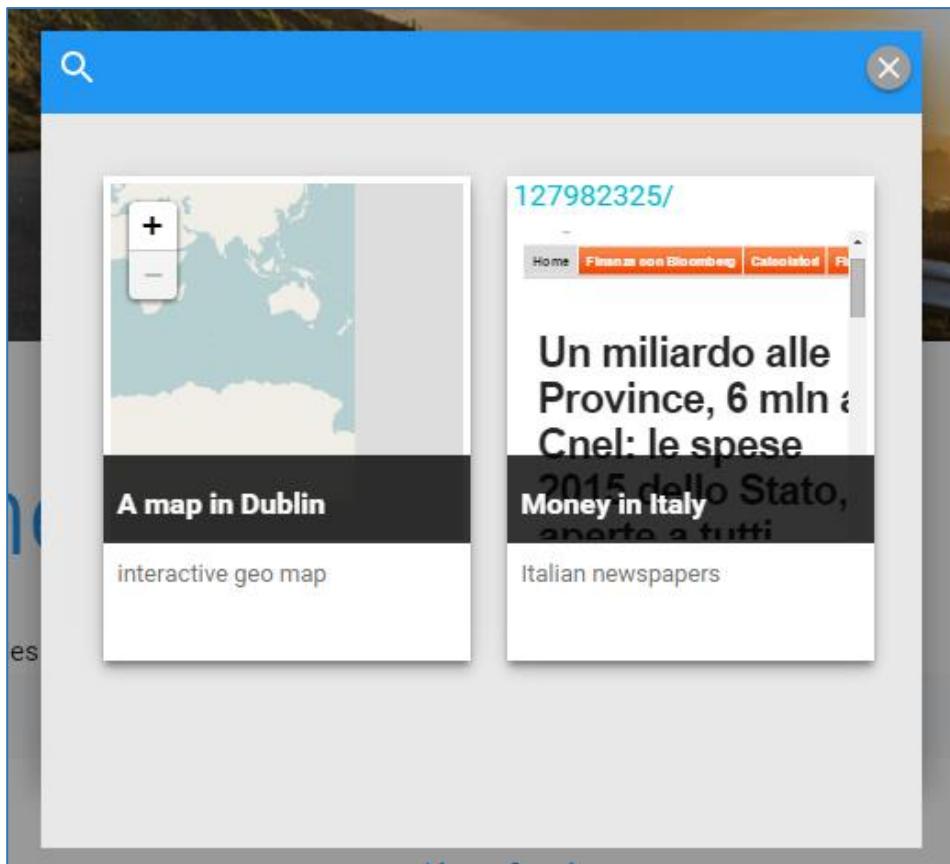


Figure 4: Select a datalet or a link from “My space” page.

#### 4.1.9 BROWSING USERS

Click “Members” on the top main navigation menu to see all online and latest users, send a friends request.

## 5 NAVIGATION ON SPOD

---

Once logged in, the main menu navigation panel, on the top of your home page, will allow selecting the main features of the SPOD platform that will be described in the following sections. A Help context can you explain with more details all the features in SPOD, you can click on button on the top navigation right corner.

### 5.1 WHAT'S NEW

This page shows both all the activities (e.g. posts, likes, photos etc...) to everybody or only the friends. On the left side, the administrator can add custom and configurable widgets (e.g. Tweets, Agora Activities, SPOD Help RSS feeds, Static content, etc....)

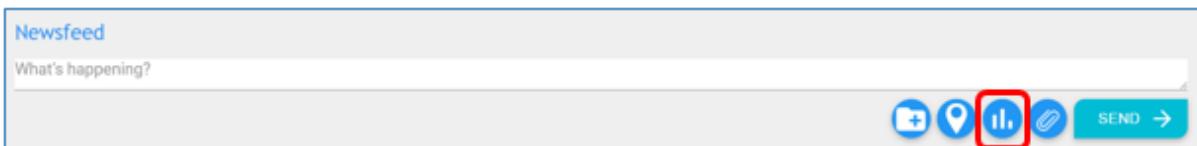
The screenshot shows the 'What's new' page of the ROUTE TO PA website. On the left, there's a sidebar with sections for 'Users' (showing 1 online), 'Agora Activities' (mentioning 'Demo "Lesath" (v.1.7)'), and 'SPOD Help'. The main content area is titled 'Newsfeed' and shows a map of Utrecht with blue outlines indicating neighborhood boundaries. A status update from 'Vittorio Scarano' is displayed, mentioning 'Wijkcodes Utrecht. Dataset met officiële grenzen van gemeente Utrecht, verdeeld in 10 wijken en 111 buurten. Zie ook: Gemeente-, wijk- en buurtgrenzen Utrecht.' Below the map, there are icons for file, location, and a circled 'il.' button, followed by 'SEND →'.

### 5.1.1 SHOW ALL USERS' ACTIVITIES

"What's new" page shows all the activities (e.g. posts, likes, photos etc...) to everybody chronologically ordered even for users that are not my friends and it provides a switch between the activities of all the users and only the friends in the network, click on button, named "*Show only my friends' activities*".

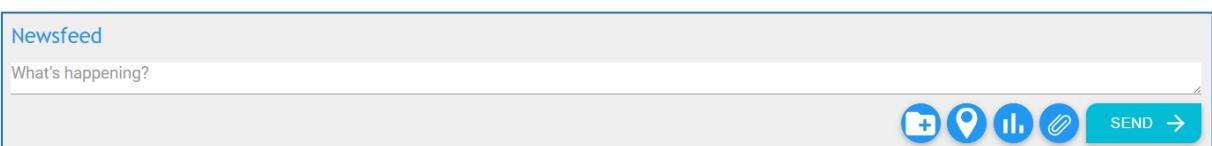
#### Choose to attach a Datalet to a comment

By Datalet button (circled in Figure.) near the post creation control, you can attach to your comment/post a new Datalet. Everyone, even without technical expertise, can create and share visualisation of a chosen dataset with few simply steps using the wizard that assists you step-by-step, through the creation (or modification) of a Datalet.



#### Datalets coming from "My Space"

You can also re-use the Datalets that you placed in "My Space". By clicking on the button shown, a pop-up shows all the existing Datalets that you can choose from.



The screenshot shows the SPOD platform's main interface. At the top, there is a navigation bar with links for 'What's new', 'Members', 'My space', 'Agora', 'CoCreation', 'Blogs', and 'Events'. Below the navigation bar, there is a search bar with a magnifying glass icon and a dropdown menu. The main content area displays a feed of user activities. On the left, there is a section for 'ALL | ONLINE' users, showing small profile icons. Below this, a message says 'The last public room created in the Agora is: Traffic light consumption.' On the right, there is a 'SPOD Help' section with links for 'Videos online' and 'Manual online'. A central search result card titled 'Positive correlation' shows 'ICT' with a value of 40. Another card titled 'Train Stations in Fingal...' shows a map of Australia and a contact detail. At the bottom, there is a footer with links for 'Source: https://data.isy.com (dataset)' and 'Powered by ROUTE-TO-PA'.

This screenshot shows the SPOD platform's main interface with a different layout. The top navigation bar is identical. The main content area features a 'Newsfeed' section with a 'CUSTOMIZE THIS PAGE' button. Below it is a 'ICT' bar chart. The chart has two series: 'COUT(isy)' (blue) and 'COUT(effectif.com)' (black). The categories on the y-axis are 'Informatique (édition - conception de logiciels)', 'Informatique (conseils - ingénierie)', 'Informatique (édition - conception)', and 'Ingénierie Informatique'. The values for 'COUT(isy)' are 37, 40, 1, and 1 respectively. The values for 'COUT(effectif.com)' are also 37, 40, 1, and 1 respectively. At the bottom, there is a footer with links for 'Source: https://data.isy.com (dataset)' and 'Powered by ROUTE-TO-PA'.

### 5.1.2 SHOW ONLY FRIENDS' ACTIVITIES

Only all friends' activities will be shown and the following list of available features:

- Share a post
- Upload a media file
- Import a link or data visualisation from "My space" page
- Section for change the user profile

Figure 5: This page shows only users' activities Agora

## 5.2 QUICK HELPER

A context helper, click on **?** button, is available in the top right corner shows all the activities (e.g. posts, likes, photos etc...) to everybody, in chronological order, from all users (included those that are not my friends). You can filter only the activities of your friends in the network, clicking on the button "Show only my friends' activities". You can interact like in a traditional social network, by writing your status or commenting others' status. The main difference is that you can attach to your comments a Datalet, i.e. a component that interactively loads Open datasets and visualise them. You can choose to insert a new Datalet, or to reuse one that you saved in your personal "My space".

Figure 6: Helper for "What's New" page

## 5.3 AGORA

Agora is where each user can create a “Public room” to start a new discussion/debate that is open to all the users.

A context helper for Agora, click on **?** button, is available on the top in the right corner.

The screenshot shows the Agora section of a web application. On the left, there's a sidebar with tabs: LATEST (selected), RELEVANT, POPULAR, and MY AGORA. Below these are five discussion room cards:

- Tutorial Agora** (12:22 03/22): Agora dimostrativa
- Dati Storici Prato** (21:58 03/18): Georiferire Dati Storici su Prato
- Protezione Civile** (01:50 01/17): Aggiornamenti dalla Protezione Civile di Prato
- Alberi** (22:30 01/02): Ciao a tutti\*, mi chiedevo se il Comune di Prato è in possesso di dati relativi agli alberi pubblici gestiti dall'Amministrazione Comunale (localizzazione,...
- Raccolta Differenziata** (22:52 12/28): Dati sulla raccolta differenziata in Prato

On the right, a detailed view of the **Tutorial Agora** room is shown. It includes:

- DESCRIPTION**: Agora dimostrativa
- STATISTICS**: 25 views, 7 comments, 2 datalets
- USERS**: Icons for three users
- SUGGESTED DATASETS**: A button to add datasets
- Enable Notifications**: A toggle switch
- ENTER**: A blue button

#### 5.4 MOST RELEVANT, POPULAR, LATEST AND MY AGORA

On the left side, Agora displays different views on each tab to organize the *Latest*, *Relevant*, *Popular* and *My Agora*, finally a “search” feature is available.

On the right side, more details are given for each selected discussion room:

- **Description** shows a short description of the discussion room (1)
- **Statistics** section shows **Views**, **Comments**, and **Datalets**. “**Views**” shows *Popularity*: how popular is this public room in the SPOD? It depends on how many views has received in total, with respect to the others. **Comments and Datalets** describe respectively the number of comments and datalets in a discussion room. (2)
- **Users** indicates the number of users who have participated in the debate (3)
- **Suggested Datasets** shows all recommended datasets by the user (4)
- **Email Notification** allows to receive e-mail for each new message in the room. Users can opt not to receive the following email alerts. (5)
- **Number of unread messages** (6)

The screenshot shows the AGORA platform interface. On the left, there's a sidebar with tabs: What's new, Members, My space, Agora, CoCreation, Blogs, and Events. The 'Agora' tab is selected. Below it, there's a search bar and a 'LATEST' tab. The main area displays a list of discussion rooms:

- Ciao a tutti\*, mi chiedevo se il Comune di Prato è in possesso di dati relativi agli alberi pubblici gestiti dall'Amministrazione Comunale (localizzazione,...)
- Raccolta Differenziata
- Dati Elettorali
- Brainstorming sul Museo del Calcolatore
- Ampliamento della rete Prato free Wi-Fi

On the right, a detailed view of the 'Brainstorming sul Museo del Calcolatore' room is shown, divided into sections:

- [1] DESCRIPTION**: Brainstorming sul Museo del Calcolatore
- [2] STATISTICS**: 500 views, 34 comments, 4 datasets
- [3] USERS**: A grid of user icons.
- [4] SUGGESTED DATASETS**: A list of suggested datasets.
- [5]**: A toggle switch for 'Enable Notifications' and a blue 'ENTER' button.

The screenshot shows the AGORA platform interface with a red circle highlighting the 'POPULAR' tab under the 'LATEST, RELEVANT, POPULAR, MY AGORA' navigation bar. Below this, a red circle highlights an orange icon representing unread messages, which has a blue badge with the number '89' on it. The main content area shows the same list of discussion rooms as the previous screenshot.

#### 5.4.1 CREATE A PUBLIC ROOM

To create a new room, just press the big (Add) button , in top middle side of the screen, and insert the subject and a brief description of the room (e.g., Subject, Body). If you don't see the big button, it because the administrator has chosen to configure SPOD so that only the moderators can do that.

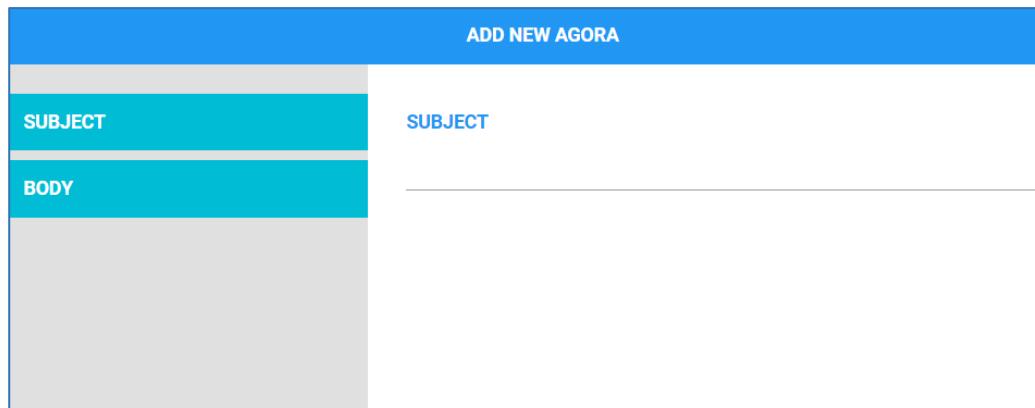


Figure 7: Create a Public Room

#### 5.4.2 DELETE A PUBLIC ROOM

Only administrator can delete a room in the Agora.

#### 5.4.3 RECOMMENDED DATASETS

The user that created a Public Room can also add a set of recommended datasets, that are easily accessible by the participants in that Public room (via the Controllet). To add recommended datasets, click on the list to the left (to show "My Public Rooms") and select the room.

##### **How select a suggested dataset**

Each owner of a room can suggest a set of datasets. Click on the  button of the “Suggested datasets” section and a new dialog displays to add a new dataset to suggest.

The screenshot shows the AGORA platform interface. At the top, there is a navigation bar with links: What's new, Members, My space, Agora, CoCreation, Events, and a language switcher (EN). On the right side of the header, there are icons for notifications, user profile, and help.

The main content area displays two datasets:

- Museo Irpino** (Città di Avellino)  
Created at 16:57 02/08. A small preview window shows the dataset content.
- AGORA**  
A communis observantia non est recedendum.

Below the datasets are several sections:

- STATISTICS**: 182 views, 35 comments, 7 datalets.
- USERS**: A grid of user profiles.
- SUGGESTED DATASETS**: A list of suggested datasets, with a red box highlighting this section.

At the bottom, there is a toggle for "Enable Notifications" and a blue "ENTER" button.

### ADD NEW DATASET

<b>COMMENT</b>	<b>DATASET URL</b>
<input type="text"/>	<input type="text"/>

The screenshot shows the AGORA platform interface. At the top, there's a navigation bar with links for 'What's new', 'Members', 'My space', 'Agora', 'CoCreation', and 'Events'. On the right side of the header, there are icons for notifications, messages, and user profile, along with a language switch to 'EN'.

The main area is titled 'AGORA' with the subtitle 'A communis observantia non est recedendum.' Below this, there are tabs for 'LATEST', 'RELEVANT', 'POPULAR', and 'MY AGORA'. A search bar with the placeholder 'iprino' is positioned at the top right of the main content area.

A specific post from 'Museo Irpino' is highlighted with an orange box. The post includes a timestamp ('16:57 02/08'), the author's name ('Museo Irpino'), and the location ('Città di Avellino').

To the right, another panel is shown for 'Museo Irpino' with the following details:

- STATISTICS:** 183 views, 35 comments, 7 datalets.
- USERS:** A grid of user profiles.
- SUGGESTED DATASETS:** A list where 'Dataset of the Epigraph in the "Museo Irpino"' is highlighted with a red box.

At the bottom right of the panel, there are buttons for 'Enable Notifications' and 'ENTER'.

In the room with suggested datasets highlights them in yellow.

This screenshot shows the 'SELECT DATASET' interface. At the top left, there's a blue circle with the number '1' and the text 'SELECT DATASET'. Below it, a sub-instruction says 'Select a dataset from the list or copy and paste the url of dataset.'

The interface has three main tabs: 'FROM PROVIDERS' (selected), 'FROM COCREATED', and 'FROM EXTENDED SEARCH'. A dropdown menu for 'Version' is set to 'Show all'.

The list of datasets includes:

- Partner progetto ROUTE-TO-PA [VER 1]
- Studenti del Maffucci di Calitri [VER 1]
- Museo Irpino: Epigrafi (a draft version) [VER 2] (highlighted in yellow)
- Museo Irpino epigrafi [VER 1]
- ddr [VER 1]
- Museo Irpino - Liceo Scientifico "Mancini" (Av) [VER 2]
- Museo Irpino - Liceo Scientifico "Mancini" (Av) [VER 1]
- Chiese Napoli [VER 1]
- myTest [VER 1]

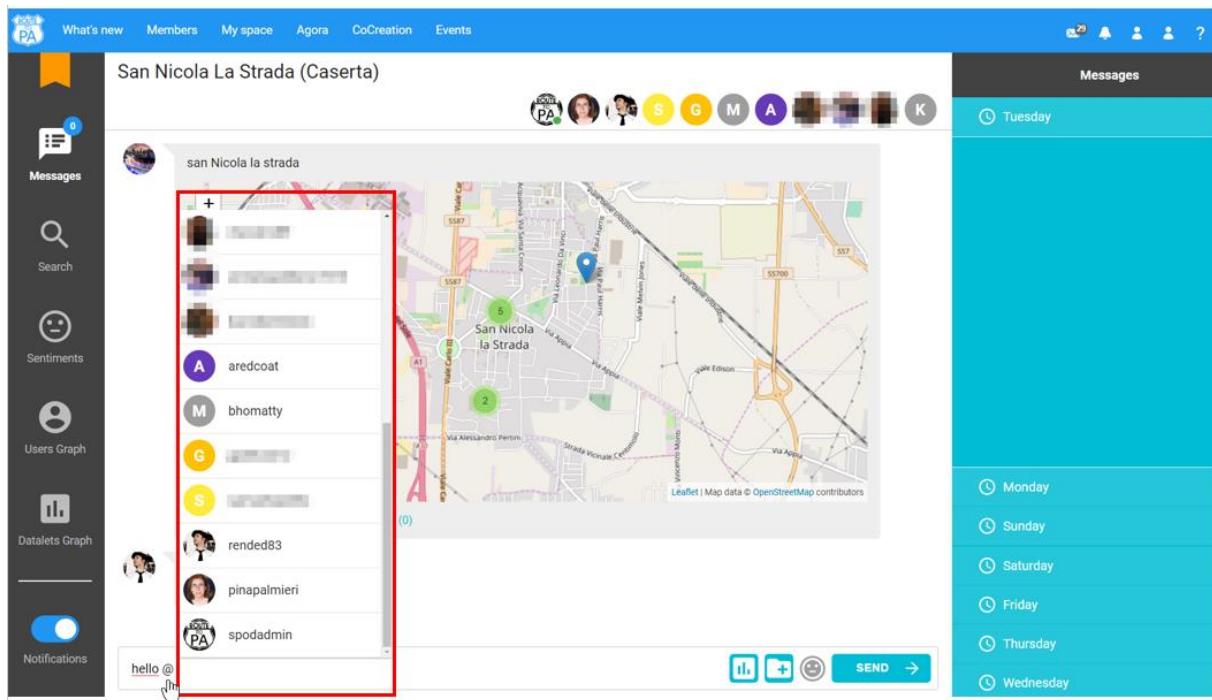
At the bottom of the list, it says 'Showing 1 to 20 of 120 datasets' with navigation arrows. To the right, there's a 'DATASET INFO' panel which is currently empty. At the very bottom, there's a 'Selected url' input field.

Figure 8: The public room allows selecting “suggested” datasets highlighted in yellow

#### 5.4.4 MENTIONS IN THE DISCUSSION ROOM

Typing @ symbol, followed by a username, will notify the person so that she/he can access and read the comment. The list shows all users:

- @mentioning everyone currently in the discussion room,
- @mentioning friends of the user



## 5.5 PUBLIC ROOM

Click on a specific of public discussion room (see Figure 9) and move back up in the “Agora” when click on colored border of the “Public Room” and a set of features to enrich a contribution will be described in the following sections.

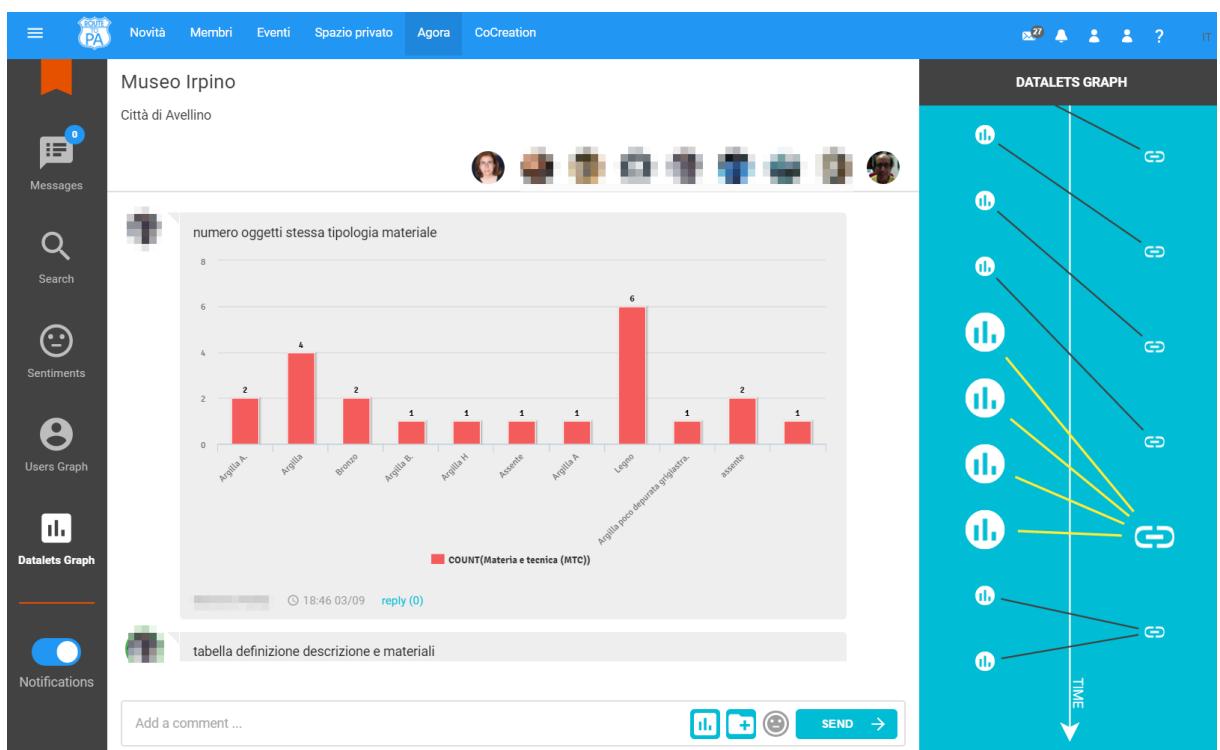
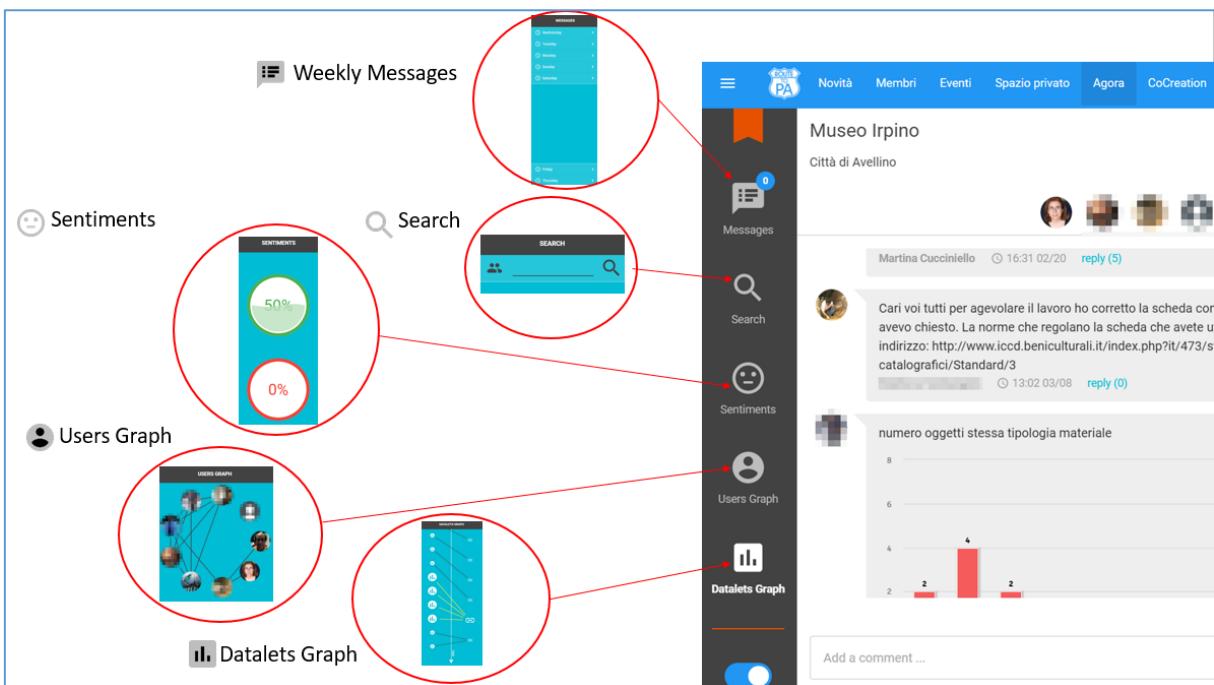
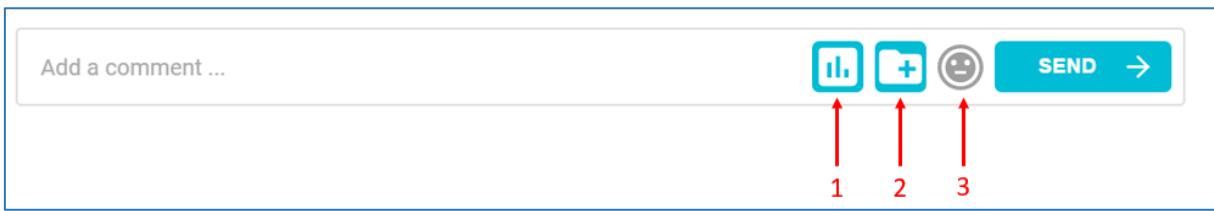


Figure 9: a first overview of a “Public Room” with all features (see figure above) and datalet (see figure below)

List of features available (see screenshot below) in a public room when a comment is posted:

- Add a datalet (1)
- Import from “My space” (2)
- Sentiment (3): reaction to a post in a discussion with dis/agree or neutral opinion.



### 5.5.1 IMPORT FROM "MY SPACE"

Choose data visualisation or link before previously created from "My space" and send a post in "Public Room".

### 5.5.2 ADD A NEW OR SUGGESTED DATASET

Click on datalet button to add a visualization of a new datalet, choosing a new datasets or a "suggested" datasets (all dataset in yellow highlighted)

### 5.5.3 UPLOAD IMAGE

In each discussion room, the button allows to upload photos:

The screenshot shows a user interface for a social network or platform. At the top, there's a blue header bar with the logo 'ROUTE TO PA' and navigation links: What's new, Members, Events, Agora, My space, Blogs, CoCreation, and Open wall.

The main content area has a dark sidebar on the left containing icons for my profile (orange), Messages (blue with a '0' notification), Search, Sentiments, Users Graph, Datalets Graph, and Notifications (green switch).

The main content area shows a post titled "my second room". The post includes a bar chart titled "Regional elections in Italy" with the following data:

Candidate	Votes
469206	400k
300700	300k
125410	200k
155709	
157397	

Below the chart is a logo for "UNIVERSITÀ DEGLI STUDI DI SALERNO Lab" featuring a stylized mouse with a USB cable.

A comment from "Spodadmin" is visible, reading "my first comment" at 03:05 04/21 with a reply count of 0. There are also three circular icons with the letter 'S' in them.

At the bottom of the post area, there's a text input field "Add a comment..." and a row of blue buttons with icons: a speech bubble, a plus sign, a file, a person, a smiley face, and a hand cursor over a send button labeled "SEND →".

#### 5.5.4 SENTIMENT INDICATORS FOR A POST

Click on the 😊 button to give your opinion with dis/agree (😊 / 😎) or neutral opinion (😐) in a post.

#### 5.5.5 CONVERSATIONS ON SPOD WITH REPLIES

An user will have the ability to reply directly to comments left on Page content of the user and start conversation threads, which will make it easier for the user to interact directly with individual readers.

ROUTE TO PA What's new Members My space Agora CoCreation Blogs Events

Messages

Search

Sentiments

Users Graph

Datalets Graph

Notifications

Alberi

Ciao a tutti, mi chiedevo se il Comune di Prato è in possesso di dati relativi agli alberi pubblici gestiti dall'Amministrazione Comunale (localizzazione, specie, etc).

Ho provato a fare una mappa con i primi 50 alberi del dataset

Paolo 19:21 01/10

Tipologie di alberi

Tipologie di alberi (%)

Species	Percentage
Tilia x europaea L.	14.8 %
Carpinus betulus L.	2.2 %
Olea europaea L.	5.8 %
Quercus rubra L.	2.3 %
Cupressus sempervirens L.	4.7 %
Fraxinus excelsior L.	2.4 %
Celtis australis L.	3.6 %
Pinus pinea L.	14.0 %
Robinia pseudoacacia L.	2.2 %
Acer campestre L.	2.1 %
Acer negundo L.	2.1 %
Quercus ilex L.	5.0 %
Platanus X acerifolia Willd.	6.0 %
other:	28.5 %

Add a comment...

Messages

Monday

Sunday

Saturday

Friday

Thursday

Wednesday

Tuesday

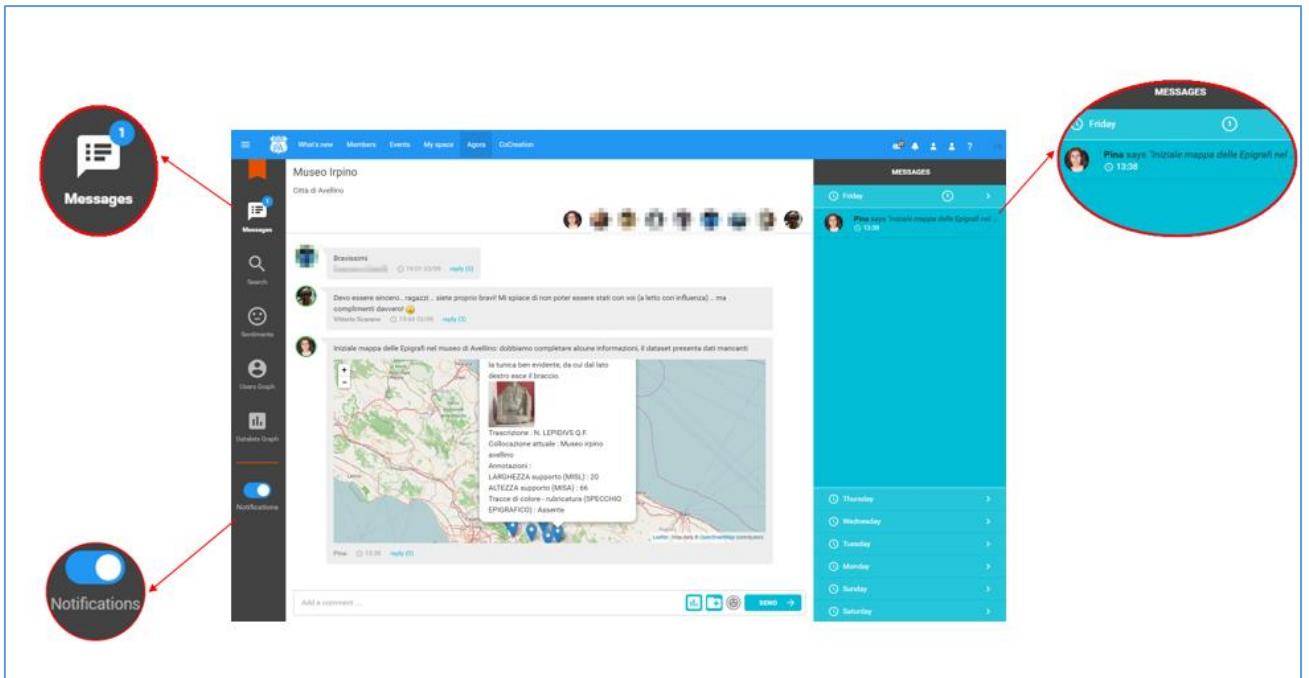
## 5.5.6 MESSAGES NOTIFICATIONS AND E-MAIL NOTIFICATION

### Weekly messages notification

On the left top side, an user can check the number of unread messages and on the right top side, only unread messages will be displayed for every day of the week.

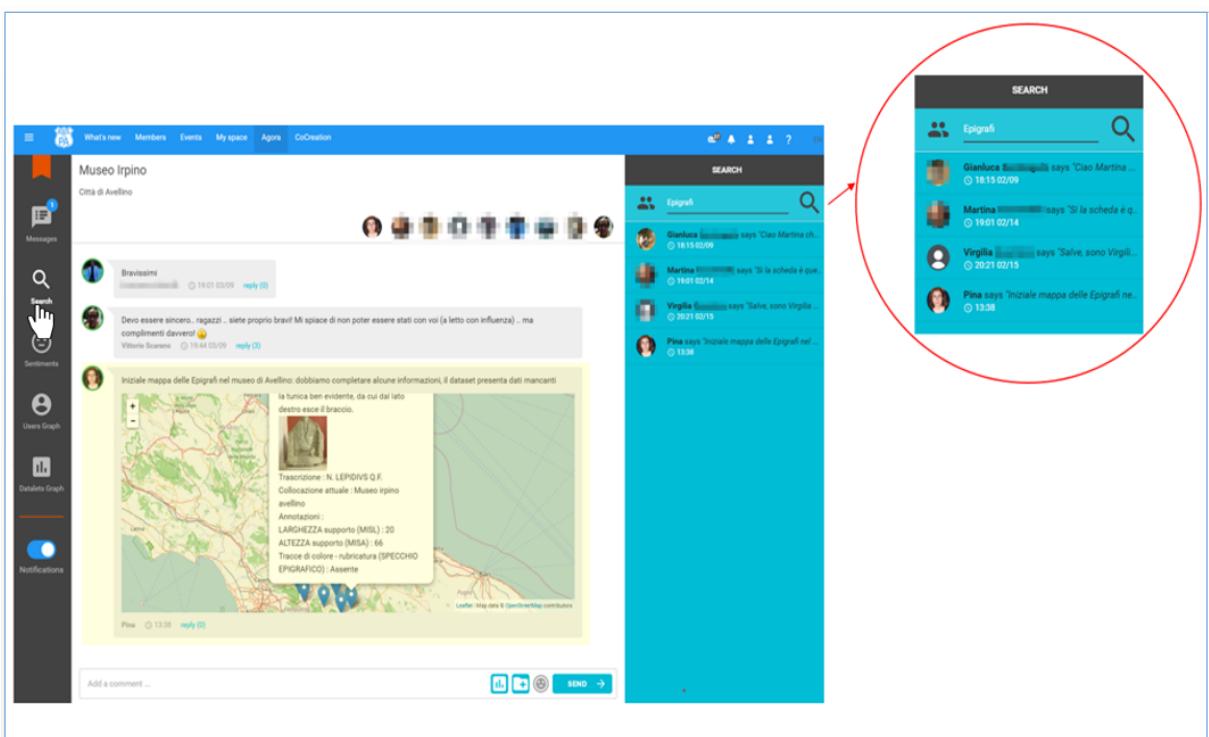
### E-mail Notification

The notification enabled button  allows to keep track of the activity in each discussion with notified via e-mail.



### 5.5.7 SEARCH IN THE DISCUSSION ROOM

Click on the left side on the *Search* button , and on the right top side, fill out the search box.

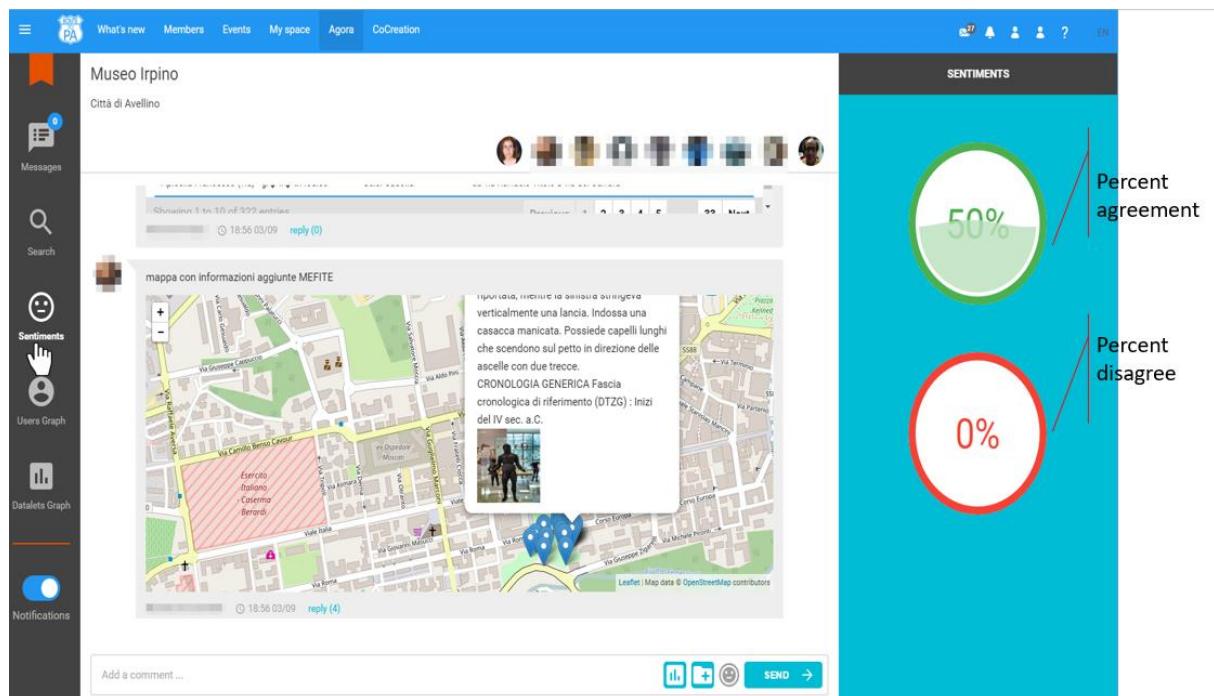


### 5.5.8 SENTIMENTS

Sentiment represent an emotion expressed by a user based on their opinion towards a post. Every time you add a new post in the chat, you can express your opinion by selecting from the Opinion Button (😊):

- Neutral(Grey color node in the graph)
- Agree(Green color node in the graph)
- Disagree(Red color node in the graph)

Click on the left side on the **Sentiments** button 😊, and on the right side there are a representation to display two values that represent a percentage of negative sentiment and positive comments.



### 5.5.9 USERS GRAPH

Click on the left side on the **Users** Graph button 🚩, and on the right side there are graph where each node is an user and the relation between the users shows a relationship of friendship in SPOD. The mouse over on user highlights all friends of the user.

The screenshot shows a user interface for a social network or forum. On the left, a sidebar contains icons for Messages, Search, Sentiments, Users Graph (highlighted with a red box), Datalets Graph, and Notifications. The main area displays a topic titled "Museo Irpino" from "Città di Avellino". A list of messages follows:

- Francesco (19:56 03/09) reply (4)
- Alessandro (19:59 03/09) reply (0)
- Alessandro (20:00 03/09) reply (0)
- Bravissimi (20:01 03/09) reply (0)
- Vittorio (20:44 03/09) reply (0)

A message from Vittorio reads: "Devo essere sincero.. ragazzi .. siete proprio bravi! Mi spiace di non poter essere stati con voi (a letto con influenza) .. ma complimenti davvero! 😊". Below this is a series of yellow smiley face emojis.

On the right side of the interface, there is a large, rounded rectangular area with a red border containing a "Users Graph". This graph visualizes connections between users as nodes and lines. A specific node, labeled "ROUTE TO PA", is highlighted with a red circle.

### 5.5.10 DATALETS GRAPH

Click on the left side on the **Datalets** Graph button , and on the right side there is the (bipartite) graph represents two sets, i.e, on the left side the datalet and on the right side the datasets, edges represent relationships between them. If you bring the mouse over a node (no click) you can read the comment of the node and if you click the chat on the left will move and highlight the corresponding datalet with comment

The screenshot shows a similar interface to the previous one, but the main topic is now "Tutorial Agora" from "Agora dimostrativa". The sidebar icons are identical. The main area shows a message from "spodagora+delete" with a reply from "Spodadmin" (12:23 03/22) with 0 replies.

Below this, another message from "spodagora+delete" says: "Potete inoltre aggiungere una datalet e commentarla." A reply from "Anna" (12:25 03/22) with 0 replies follows. The message content "Prova di inserimento datalet." is displayed above a map of a region with numerous blue location pins.

On the right side, a "Datalets Graph" window is open, showing a bipartite graph structure. It has two columns: "DATALETS" on the left and "DATASETS" on the right. Nodes are represented by small icons. A vertical arrow labeled "TIME" points downwards between the two columns. A specific node in the "DATALETS" column is highlighted with a red circle.

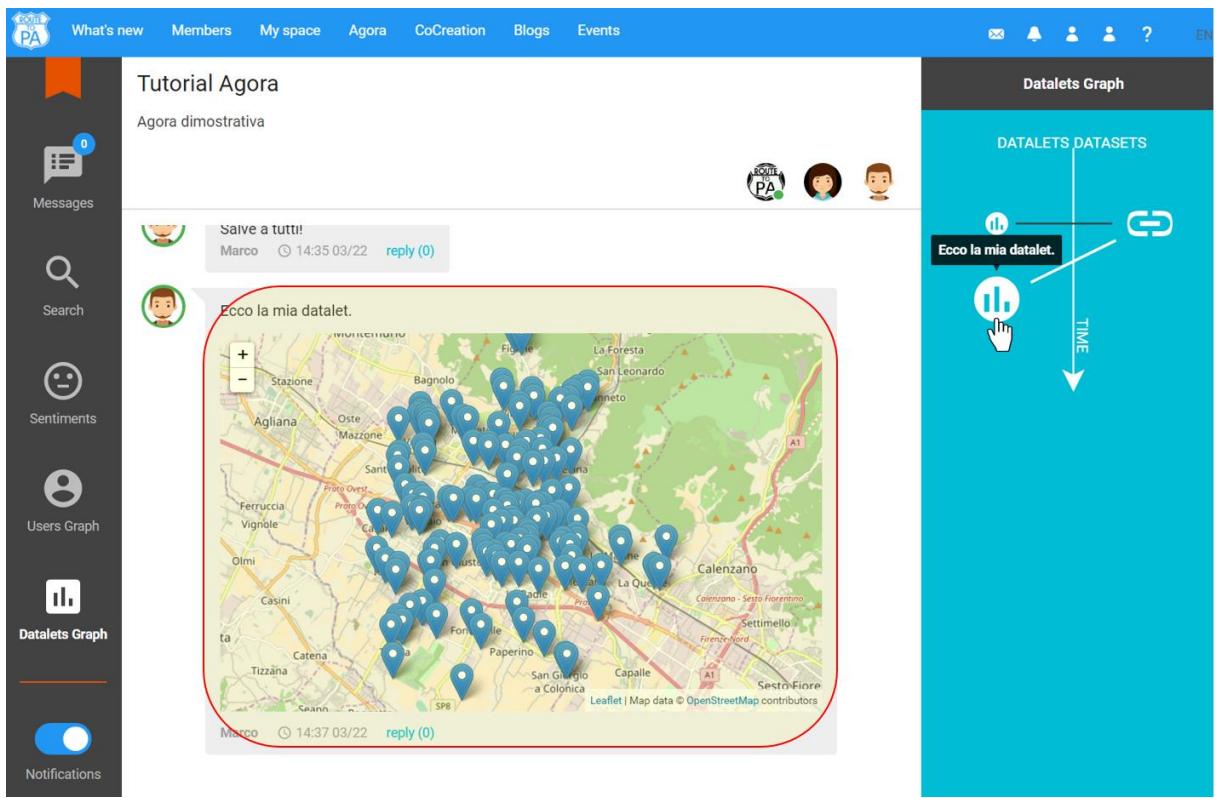


Figure 10: A Datalets-based graph

#### 5.5.11 DELETE OR MODIFY A COMMENT

Delete or modify a post/comment: only the comment owner, or an administrator, can modify and delete comments.

La DATALET più bella!

Ogni settimana sarà scelto un argomento e le Datalet più belle saranno ricondivise, quindi impegnatevi :D

modificando quella di Renato.. si ha:

**Prodotti campani certificati**

Certificazione	Altri prodotti di origine animale	Carni fresche	Formaggi	Oli e grassi	Ortofrutticoli e cereali	Pasta alimentare
D.O.P.	1	3	5	4	0	
I.G.P.		1	7	1		

Vittorio 18:53 reply (0)

Add a comment... FILE + EMOJI SEND →

Messages

- Monday 18:53 Vittorio says "modifi..."
- Sunday
- Saturday
- Friday
- Thursday
- Wednesday
- Tuesday

## 5.6 MY SPACE

My space is the place where each user can manage datalets, text and link in a personal area, as a reminder or for later use within a post (in What's new or in the Agora).

A context helper, click on **?** button, is available on the top menu on right corner.

"My space" page is a personal/private space for personal conversations.

The "My" space organizes and archives a list of item namely, text notes, datalets (i.e. visualization of datasets), URL (web pages) etc. for additional discussion.

A first glance at the "My space" at the start up.

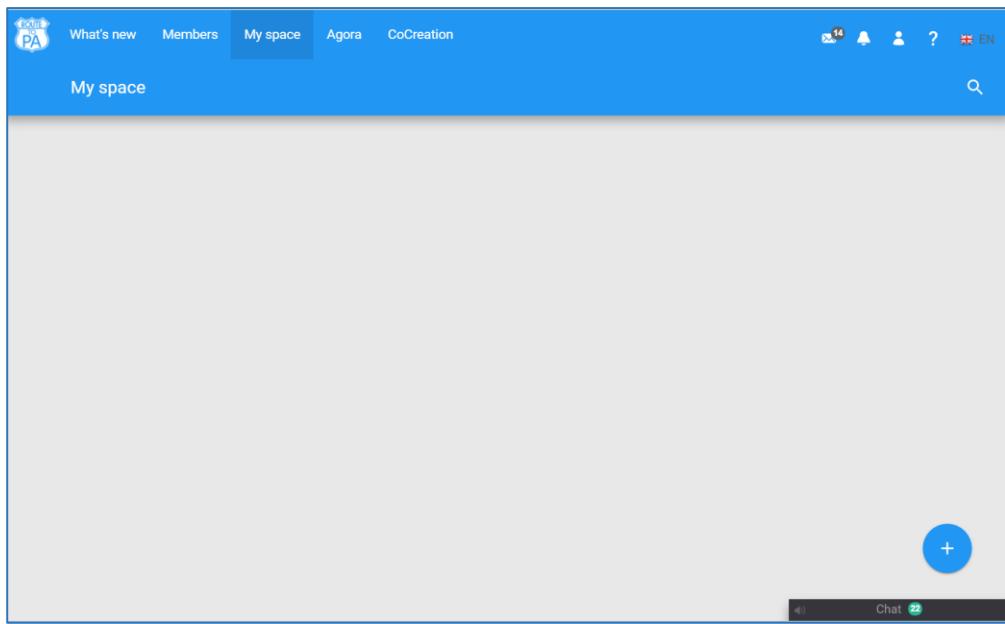


Figure 11: "My space" page is empty

Clicking on the  button, all features will be shown (see Figure below)

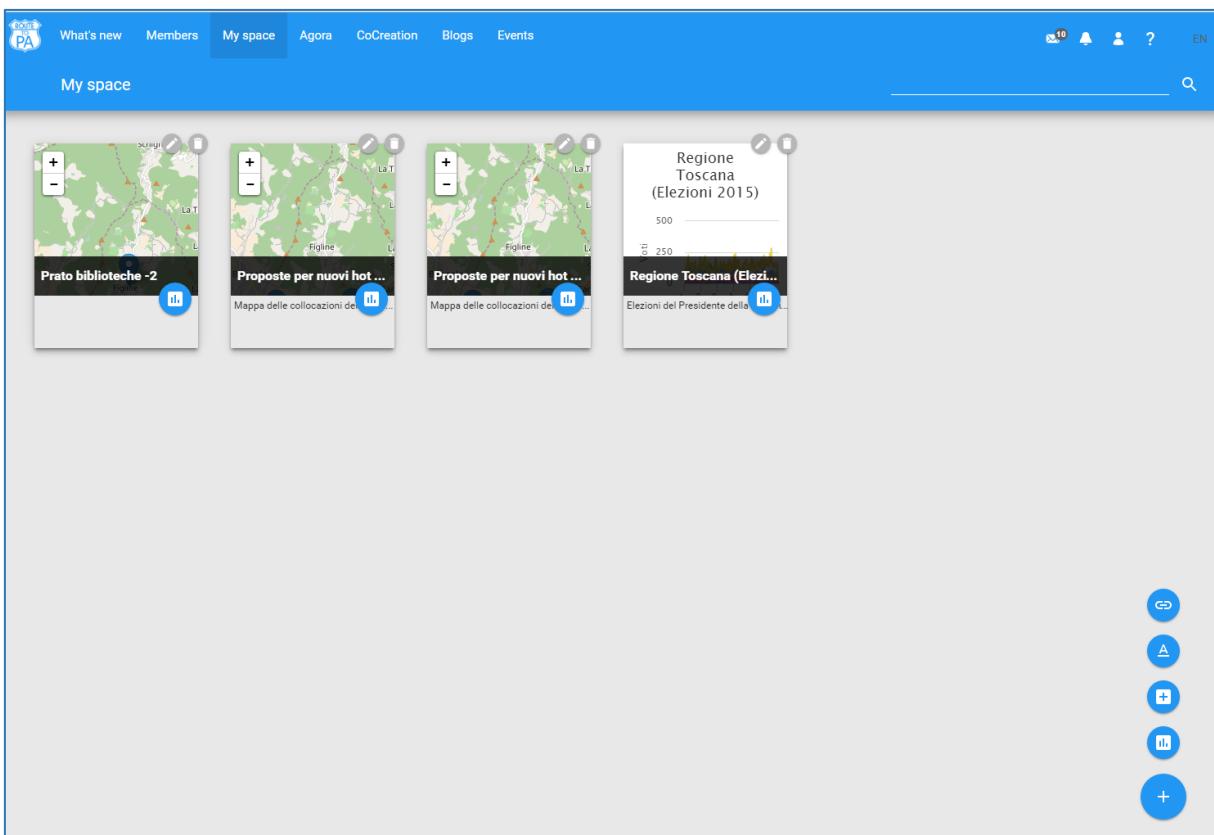
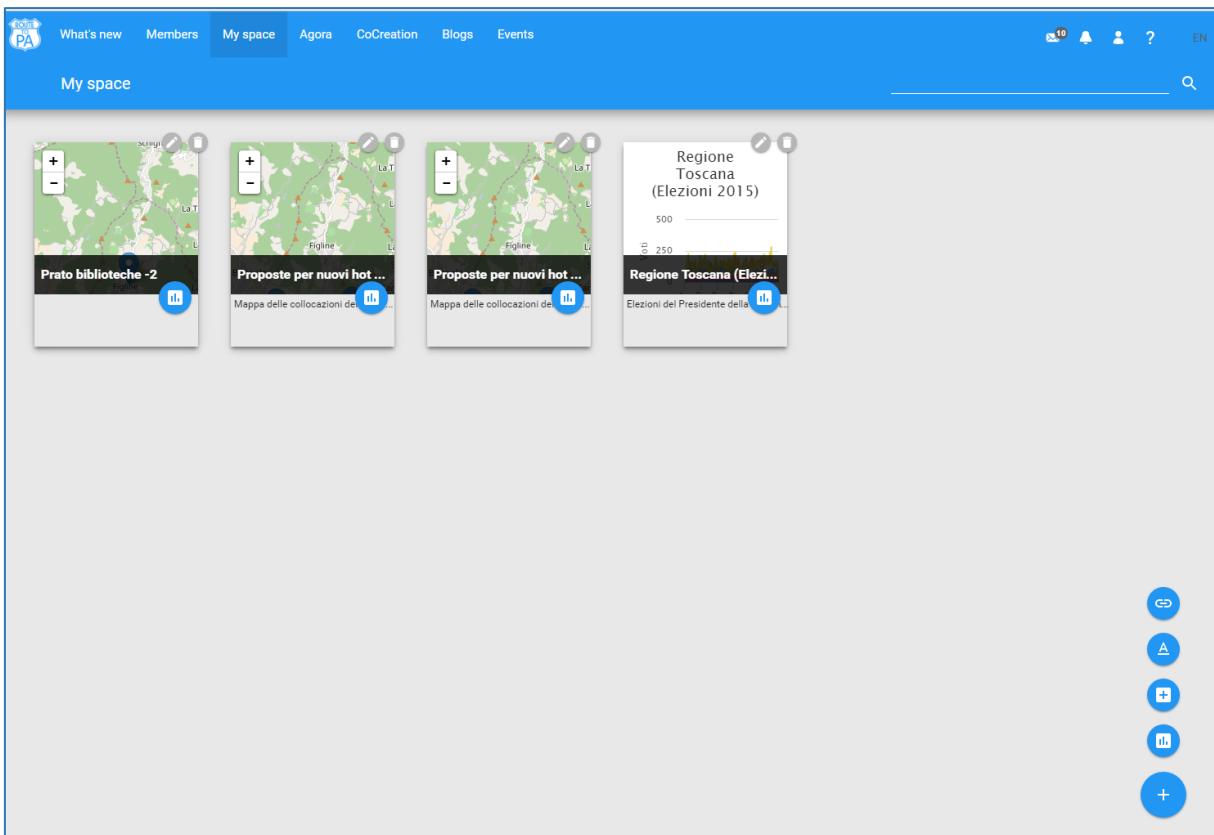


Figure 12: "My space" page shows all features

Each content is placed in a "card". You can add in a card a URL, a datalet (visualization of a dataset) or plain text, simply by clicking on the big "+" button in the right bottom corner. In order to display the content of a card, just click on the blue button in the middle of the card. Each card has also a title (in black background) and a comment

(below the title). For each card, on the top, you can modify (pencil icon) or delete it (basket) The layout of the cards follows the temporal order (most recent first). You can create different types of cards:

- Link card (  button)
- Text card (  button)
- Open Data visualization (  button)

To display content just click on the blue button in the middle of the card. When a user tries to view its own datalets in their private space, SPOD does not contacts the actual data provider but retrieves the data from its own database. This allows for a great speed improvement and in a better user experience.

#### 5.6.1 INCLUDE A DATALET

Click on  button to include a datalet.

In “My space” page, a first card includes a map as datalet with comments (see Figure 13).

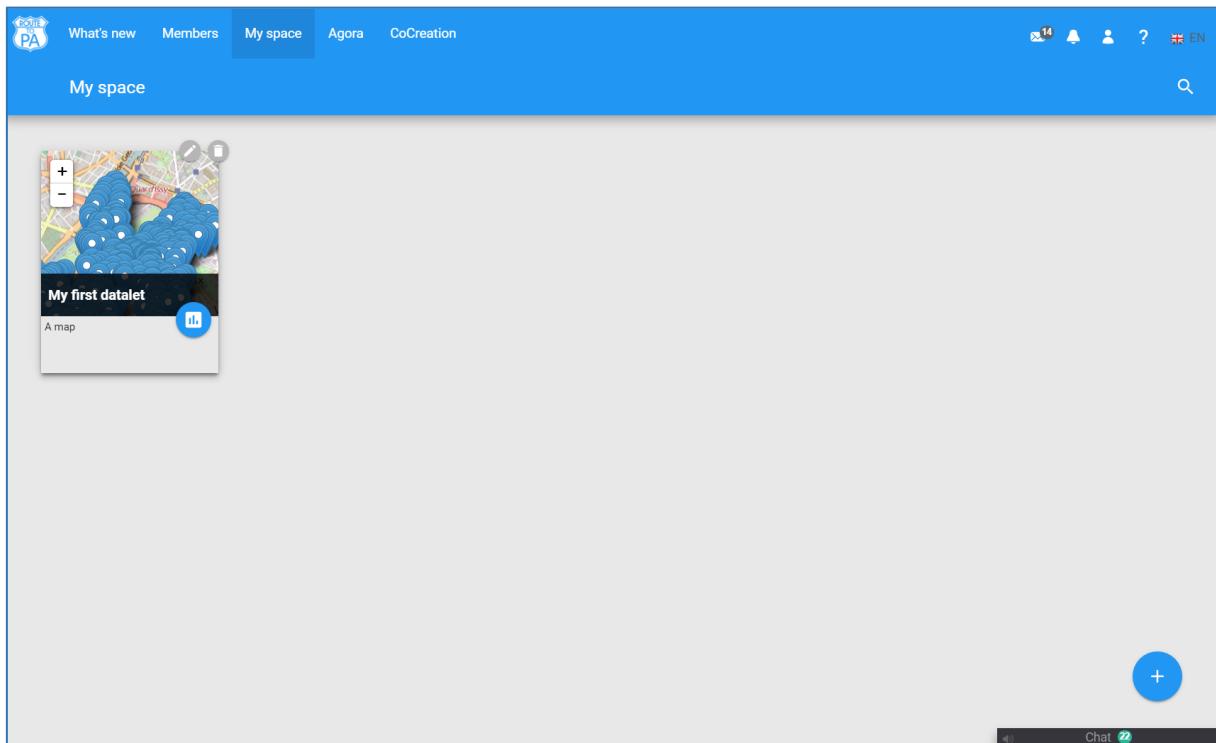


Figure 13: A first card of a datalet in My space

#### **Preview, modify and delete of a datalet**

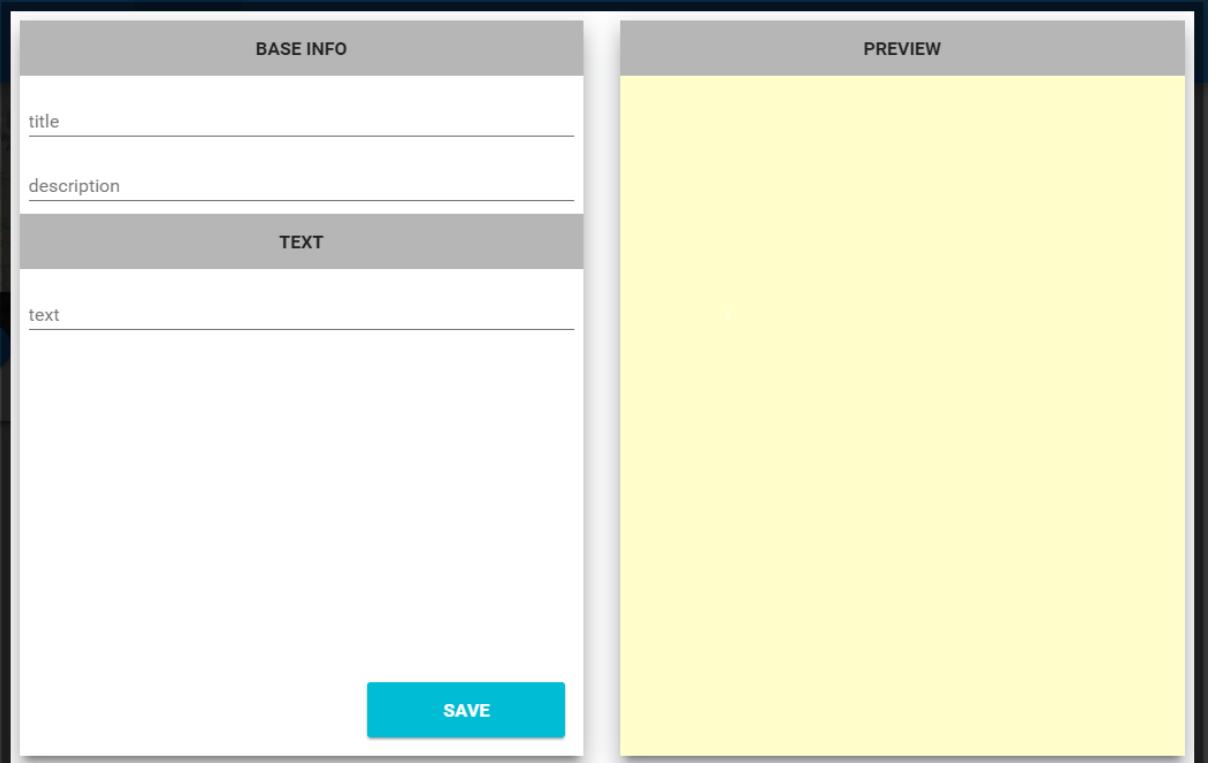
For each card, it is possible to see a preview of a selected card clicking, in the right bottom corner, on  button or modify  or delete  it.

#### 5.6.2 TAKE-NOTES

##### **Create a dataset visualisation**

Click on  button, a note is added in the “My space” page, filling out the following section and a preview of the notes is displayed on the right side (see Figure 14, Figure 15):

- **Title:** title of the a new card to visualise on the black bottom section
- **description**
- **text**



The screenshot shows a user interface for adding a note. On the left, under the heading "BASE INFO", there are three input fields: "title", "description", and "text". Below these is a larger text area labeled "TEXT". At the bottom of this section is a blue button labeled "SAVE". To the right, under the heading "PREVIEW", is a large yellow rectangular area representing the space where the note will be displayed once saved.

Figure 14: Add a note in My space

The screenshot shows a note editing interface. On the left, under 'BASE INFO', there are fields for 'title' (Immigration) and 'description' (Immigration to Italy). Below these is a 'TEXT' section containing a paragraph about immigration to Italy. A 'SAVE' button is at the bottom. On the right, under 'PREVIEW', the title 'Immigration' is shown above a detailed paragraph about foreign nationals in Italy.

BASE INFO		PREVIEW
title	Immigration	<b>Immigration</b>
description	Immigration to Italy	<i>Immigration to Italy</i>
TEXT		As of 1 January 2015, there were 5,014,437 foreign nationals resident in Italy. This amounted to 8.2% of the country's population and represented an increase of 92,352 over the previous year. These figures include 75,067 children born in Italy to foreign nationals (14.9% of total births in Italy), but exclude foreign nationals who have subsequently acquired Italian nationality; this applied to 129,887 people in 2014.[1][2] They also exclude illegal immigrants whose numbers are difficult to determine. In May 2008, The Boston Globe quoted an estimate of 670,000 for this group.[3] The distribution of foreign born population is largely uneven in Italy: 86% of immigrants live in the northern and central parts of the country (the most economically developed areas), while only 14% live in the southern half of the peninsula
		<b>SAVE</b>

Figure 15: A new note is added in My space

#### Modify, delete and preview of a note

It is possible to see a preview of a selected card (e.g., notes) clicking at the right bottom on button or modify or delete it.

#### 5.6.3 ADD LINK

Click on button, a link with a comment is shared filling out the following section (Figure 16, Figure 17):

- Title
- description
- link: address of datasource

BASE INFO

title

description

LINK

link

SAVE

PREVIEW

Figure 16: A link in My Space

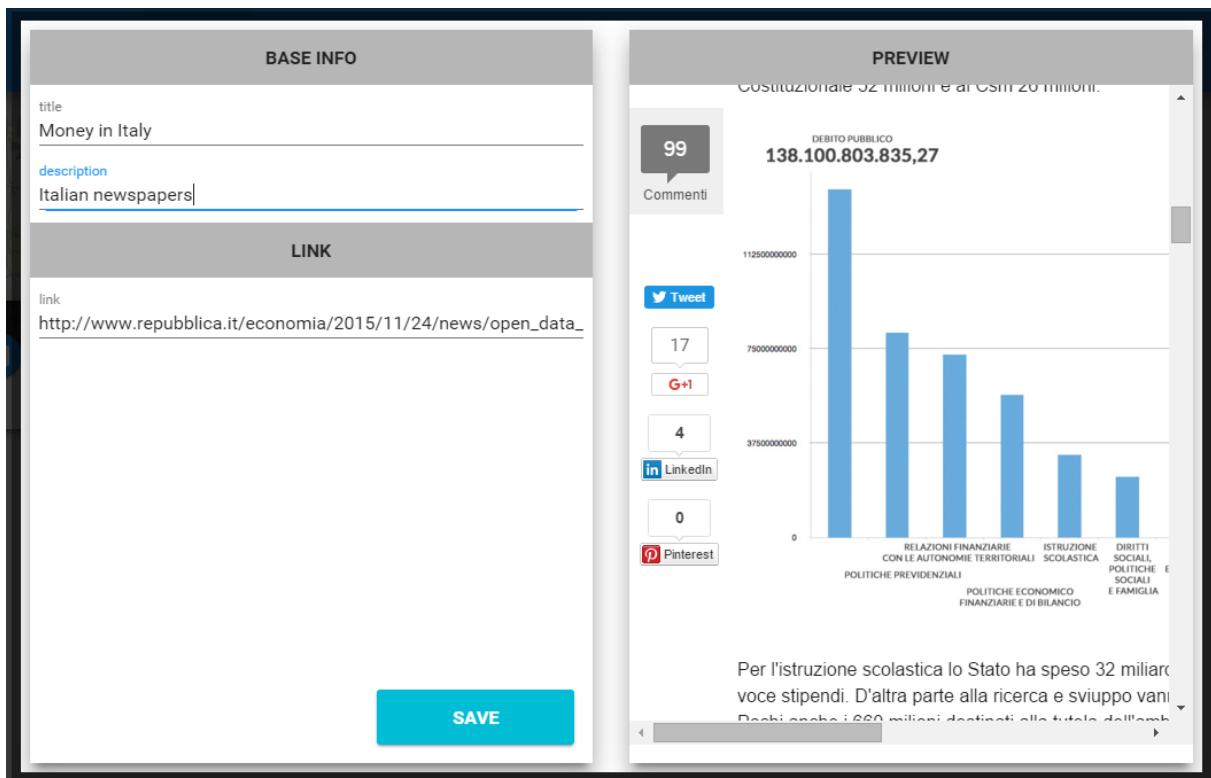


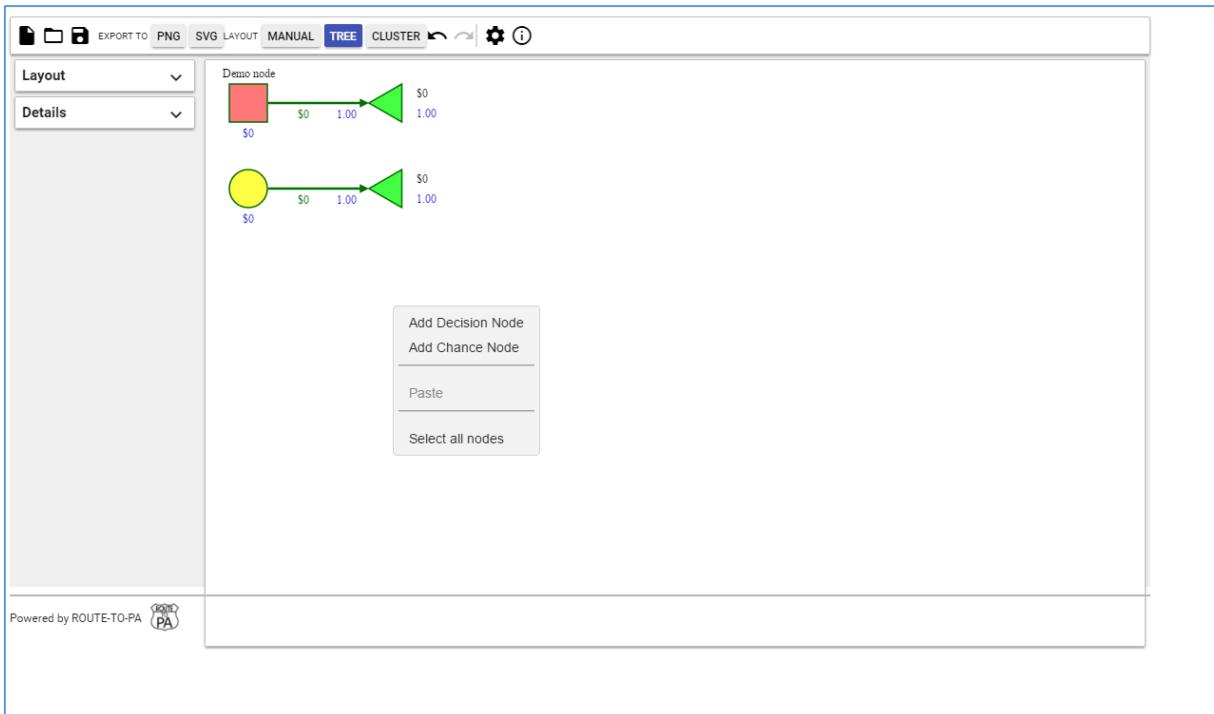
Figure 17: A new link is added in My space

#### Modify, delete and preview of a link

It is possible to see a preview of a selected card (e.g., link) clicking at the right bottom on button or modify or delete it.

#### 5.6.4 ADD A DECISION TREE

SilverDecisions can be used in My Space of the SPOD platform, clicking on the new button .



## 6 DATASET VISUALISATION: CONTROLLET

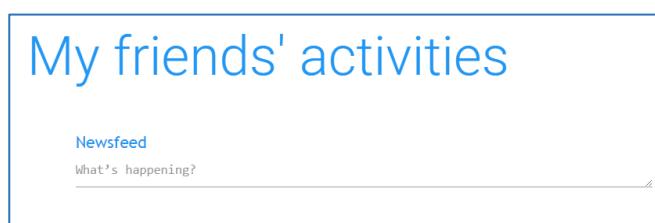
---

SPOD allows the creation of visualisations from Open Data (OD) stored on any external OD platform. In particular, SPOD platform supports CKAN/TET, OpenDataSoft platforms as well as other external sources.

SPOD supports the creation of visualisation from any other external dataset with the copy and paste of its URL. Users creates visualisations through a step by step usable Wizard named Controllet.

### 6.1 VISUALISATION AND DISCUSSION ON DATASETS

A new discussion can start on the selected dataset and visualise a specific chart starting a discussion on Open Data. To post a new chart and a comment, e.g., in “*My friends’ activities*” page, by clicking on the “*What’s happening*” text:



The  button for SPOD appears.

## Newsfeed

What's happening?



Clicking on button, the following section “Dataset source” shows how to import many datasets using standard CKAN web API and visualize them.

Several steps will allow to add data visualization of your chosen chart.

### 6.1.1 VISUALIZATION OF OPEN DATA FROM AVAILABLE OPEN DATA PROVIDERS

The first step offers more options to select a dataset (e.g., FROM PROVIDERS, FROM COCREATED, FROM EXTENDED SEARCH).

1 SELECT DATASET  
Select a dataset from the list or copy and paste the url of dataset.

FROM PROVIDERS    FROM COCREATED    FROM EXTENDED SEARCH

Provider: All

- Structures petite enfance à Issy-les-Moulineaux
- Les dépenses de fonctionnement par types de services à la population
- Déchèteries fixes de Grand Paris Seine Ouest
- Liste des établissements scolaires à Issy-les-Moulineaux
- Les panneaux électroniques d'information à Issy-les-Moulineaux**
- Structure des recettes d'investissement
- Les cimetières et pompes funèbres à Issy-les-Moulineaux
- Résultats des exercices budgétaires à Issy-les-Moulineaux
- Evolution de la Dotation Globale de Fonctionnement versée à Issy-les-Moulin...

Showing 1 to 20 of 949 datasets

Selected url  
<https://data.issy.com/api/records/1.0/search?dataset=les-panneaux-lumineux-a-issy-les-moulineaux>

**1 SELECT DATASET**

Select a dataset from the list or copy and paste the url of dataset.

**FROM PROVIDERS**    **FROM COCREATED**    **FROM EXTENDED SEARCH**

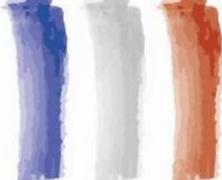
**Provider:** Issy-les-Moulineaux    **i**

Validations sur le réseau ferré : Profils horaires par jour type (1er...  
 Description et tarif des titres de transport en Ile-de-France  
**Résultats 1er tour élections municipales et communautaires d...**  
 Les entreprises isséennes membres de Cap Digital  
 Les cimetières et pompes funèbres à Issy-les-Moulineaux  
 Résultats des exercices budgétaires à Issy-les-Moulineaux  
 Etablissements sanitaires à Issy ou à proximité  
 Structures petite enfance à Issy-les-Moulineaux  
 Liste des établissements scolaires à Issy-les-Moulineaux

**Résultats 1er tour élections municipales et communautaires d...**

**publisher:** Ville d'Issy-les-Moulineaux  
**domain:** issy-les-moulineaux  
**description:**

Ce fichier contient les résultats des élections municipales du 23 mars 2014 à Issy, bureau de vote par bureau de vote, candidat par candidat. Le fichier contient les données de localisation des bureaux de vote.



Showing 1 to 20 of 31 datasets    < >     Res    **x**

Selected url  
<https://data.issy.com/api/records/1.0/search?dataset=resultats-1er-tour-elections-municipales-et-communautaires-du-23-mars-2014-a-iss>

Figure 18: Search for provider or dataset: search for open data provider, clicking on the search, named Provider, on top of the left side or search for dataset, clicking on the search on the bottom of the right side.

### STEP 1)

Search a specified dataset, typing the first character in the search (e.g., typing “Les entre”), and metadata of the dataset, made available from the selected open data provider and showed on the right side, help to know the dataset. On the top of the right side, the “green” narrow, on the top of the right side, notifies to go on the next step.

*Try your datalet with the following API address:*

*API URL = [https://data.issy.com/api/records/1.0/search/?dataset=entreprises-tic-issy&rows=150&sort=nom&facet=sous\\_secteur&facet=membre\\_d\\_un\\_reseau](https://data.issy.com/api/records/1.0/search/?dataset=entreprises-tic-issy&rows=150&sort=nom&facet=sous_secteur&facet=membre_d_un_reseau)*

The wizard for create a datalet suggests several open data providers to choice a dataset

- **FROM PROVIDERS:** a list of open data providers; these settings are edited through the administration screens
- **FROM COCREATED:** a list of available datasets created and published in the “co-creation data” room

### FROM PROVIDERS



Search a dataset in an open data provider, at first select an open data provider, then search a dataset, for example, with search key "Le en". The selected dataset shows, on the right side, the metadata.

The screenshot shows a user interface for selecting a dataset. At the top, a blue circle contains the number '1' and the text 'SELECT DATASET'. Below it is a search bar with the placeholder 'Select a dataset from the list or copy and paste the url of dataset.' To the right is a large green arrow pointing right. The interface has three tabs: 'FROM PROVIDERS' (selected), 'FROM COCREATED', and 'FROM EXTENDED SEARCH'. The 'Provider' dropdown is set to 'Issy-les-Moulineaux' and is highlighted with a red box. Below the dropdown, there are three dataset cards: 'Les entreprises isséennes membres de Cap Digital', 'Les entreprises TIC à Issy-les-Moulineaux' (which is selected and highlighted with a blue box), and 'Les enclos à sapins'. On the right, detailed metadata for the selected dataset is displayed in a blue-bordered box. The metadata includes:  
publisher: Ville d'Issy-les-Moulineaux  
domain: issy-les-moulineaux  
description:  
Ce fichier contient des informations sur les entreprises du domaine des Technologies de l'Information et de la Communication à Issy-les-Moulineaux: noms, localisation, effectifs, sous-secteur, appartenance à un réseau d'entreprises du territoire.  
license: Licence Ouverte (Etalab)  
records\_count: 150  
title: Les entreprises TIC à Issy-les-Moulineaux  
modified: 2015-02-10T11:39:29+00:00  
visibility: domain  
language: fr

At the bottom, a progress bar shows 'Showing 1 to 3 of 3 datasets' with arrows for navigation. A search bar on the right contains the text 'Les en' with a magnifying glass icon and a red box around it. Below the search bar is a 'Selected url' field containing the URL: <https://data.issy.com/api/records/1.0/search?dataset=entreprises-tic-issy>.

## Step 2)

As support of creation of chart, an analysis of the data quality suggests the error type of each field of the dataset, for example, the below screenshot shows a yellow triangle as warning to highlight empty values to exclude for the creation of the chart with the "Expert Mode" section.

Once you have chosen a dataset, you move to the second step (by using the arrows on top right) for selecting the fields. On the left, you can find the fields that are available. As you choose which field to select, a preview of the data is shown on the table to the right. When you are done with the field selection you can move

forward by clicking on the arrow on the top right (or if you wish you can go back to the previous step with the arrow to the top left)

SELECTED DATA		
effectif_connue	membre_d_un_reseau	sous_secteur
12	Aucun réseau	Autre (édition - conception de logiciels)
50	Aucun réseau	Informatique (conseils - ingénierie)
6	Aucun réseau	Informatique (conseils - ingénierie)
12	Aucun réseau	Informatique (conseils - ingénierie)
10	Aucun réseau	Informatique (conseils - ingénierie)
1	Seine_ouest_digital	Informatique (conseils - ingénierie)
70	Aucun réseau	Informatique (conseils - ingénierie)
14	Aucun réseau	Internet (conseils - ingénierie)
	Aucun réseau	Informatique (conseils - ingénierie)

Showing 1 to 100 of 150 rows

EXPERT MODE

### EXPERT MODE

Click on the “EXPERT MODE” section to show Filter, Group by and Query sections.

To exclude all null values (or undefined) of a specific fields, FILTER section is selected adding the following operation (e.g., selecting as field the null highlighted field, “*effective\_connue*” field with the operation “not =”, see below screenshot)

SELECTED DATA		
adresse	Internet (conseils - ingénierie)	3
<b>effectif_connue</b>	Ingénierie Informatique	10
geo_point_2d	Informatique (édition - conception de logiciels)	60
geometry	TIC (conseils - ingénierie)	20
membre_d_un_reseau		
nom		
sous_secteur		

Showing 1 to 100 of 136 rows

FILTERS    GROUP BY    QUERY

Field: **effectif\_connue** Operation: not = Value: "null"

+ AND X DISABLE FILTERS

Figure 19: An example of filter mode to exclude null values highlighted in the previous warning of the above screenshot

Clicking on the “Disable Filters” button, the below screenshot shows what it happens, e.g. the “Filters” mode is disabled and again the warning is showed.

**2 SELECT DATA**

Select the fields on the left. The table will show the values related to the selected fields.

FIELDS		SELECTED DATA		
	adresse	Club_AS	Informatique (édition - conception de logiciels)	1700
	effectif_connu	Aucun réseau	Télécommunications (conseils - ingénierie)	70
		Aucun réseau	<b>WARNING: The column &lt;effectif_connu&gt; has 14 EMPTY values.</b>	140
		BossClub	Informatique (édition - conception de logiciels)	12
	geo_point_2d	Showing 1 to 100 of 150 rows		
	geometry	< > <input type="text"/> Search <span style="color: red;">X</span>		
	membre_d_un_reseau			
	nom			
	sous_secteur			

**FILTERS**    **GROUP BY**    **QUERY**

Field Operation Value  
effectif\_connu not = "null"

**AND**    **X**    **ENABLE FILTERS**

## GROUP BY

**2 SELECT DATA**

Select the fields on the left. The table will show the values related to the selected fields.

FIELDS		SELECTED DATA		
	adresse	sous_secteur ▾		
	effectif_connu	Informatique (édition - conception de logiciels)		
	geo_point_2d	Informatique (conseils - ingénierie)		
	geometry	Internet (conseils - ingénierie)		
	membre_d_un_reseau	Télécommunications (conseils - ingénierie)		
	nom	Showing 1 to 9 of 9 rows		
	sous_secteur	< > <input type="text"/> Search <span style="color: red;">X</span>		

**FILTERS**    **GROUP BY**    **QUERY**

GROUP BY  
CALCULATE Field  
**GROUP BY sous\_secteur**

**+**    **+**    **X**    **DISABLE GROUP BY**

**2 SELECT DATA**

Select the fields on the left. The table will show the values related to the selected fields.

FIELDS		SELECTED DATA	
adresse		sous_secteur	COUNT(sous_secteur)
effectif_connue		Informatique (conseils - ingénierie)	47
geo_point_2d		Informatique (édition - conception de logiciels)	40
geometry		TIC (conseils - ingénierie)	8
membre_d_un_reseau		Télécommunications (conseils - ingénierie)	30
nom		Audiovisuel (conseils - ingénierie)	8
sous_secteur			

Showing 1 to 10 of 10 rows

**FILTERS**    **GROUP BY**    **QUERY**

GROUP BY

CALCULATE Field

GROUP BY sous\_secteur

Calculate COUNT of sous\_secteur

**DISABLE GROUP BY**

The screenshot shows a user interface for selecting data. On the left, a vertical list of fields is shown with several highlighted in blue: 'effectif\_connue', 'membre\_d\_un\_reseau', and 'sous\_secteur'. The 'sous\_secteur' field is currently selected. The main area displays a table titled 'SELECTED DATA' with 10 rows. The first column is 'sous\_secteur' and the second column is 'COUNT(sous\_secteur)'. The data includes categories like Informatique, TIC, Télécommunications, and Audiovisuel, with counts ranging from 8 to 47. A red box highlights the 'COUNT(sous\_secteur)' column header. Below the table are three tabs: 'FILTERS', 'GROUP BY', and 'QUERY'. The 'GROUP BY' tab is active, showing 'GROUP BY sous\_secteur' and 'Calculate COUNT of sous\_secteur'. A red box also highlights this section. At the bottom right is a 'DISABLE GROUP BY' button.

### STEP 3)

Different charts are available, and are shown on the left, in a list that includes details like the name, type and description of inputs and settings supported by each chart. Once a chart is selected, you must choose, for each input required by the chart, the corresponding field from the set you selected in step two. You can also customize the chart by setting a title, comments, labels on the axes, and so on. While you make changes, the

preview is shown on the right, so that you can control the effect of your choice right away. When you are satisfied, you can add the Datalet by clicking on the "Add" button.

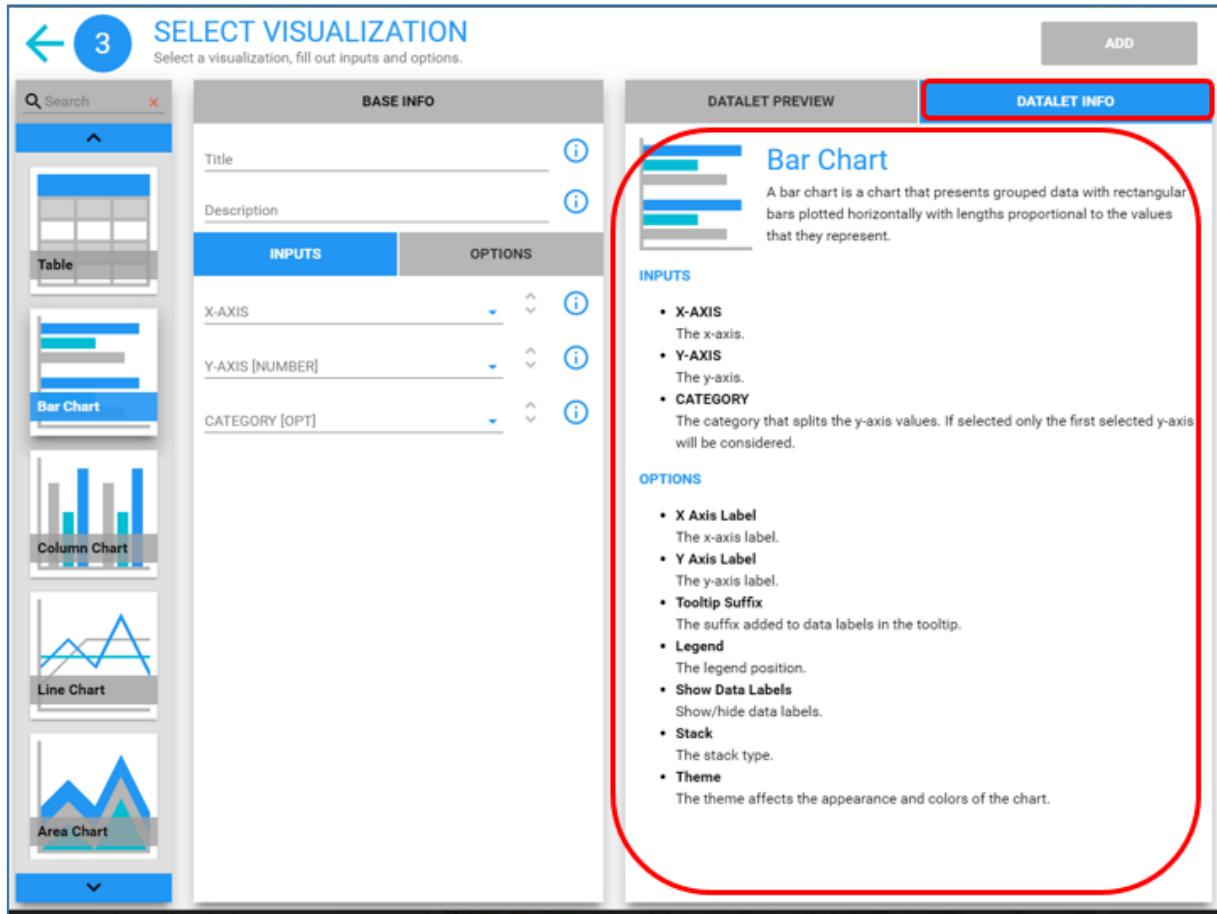


Figure 20: Select a chart on the left side and details are available on the right side in the "DATALET INFO" section

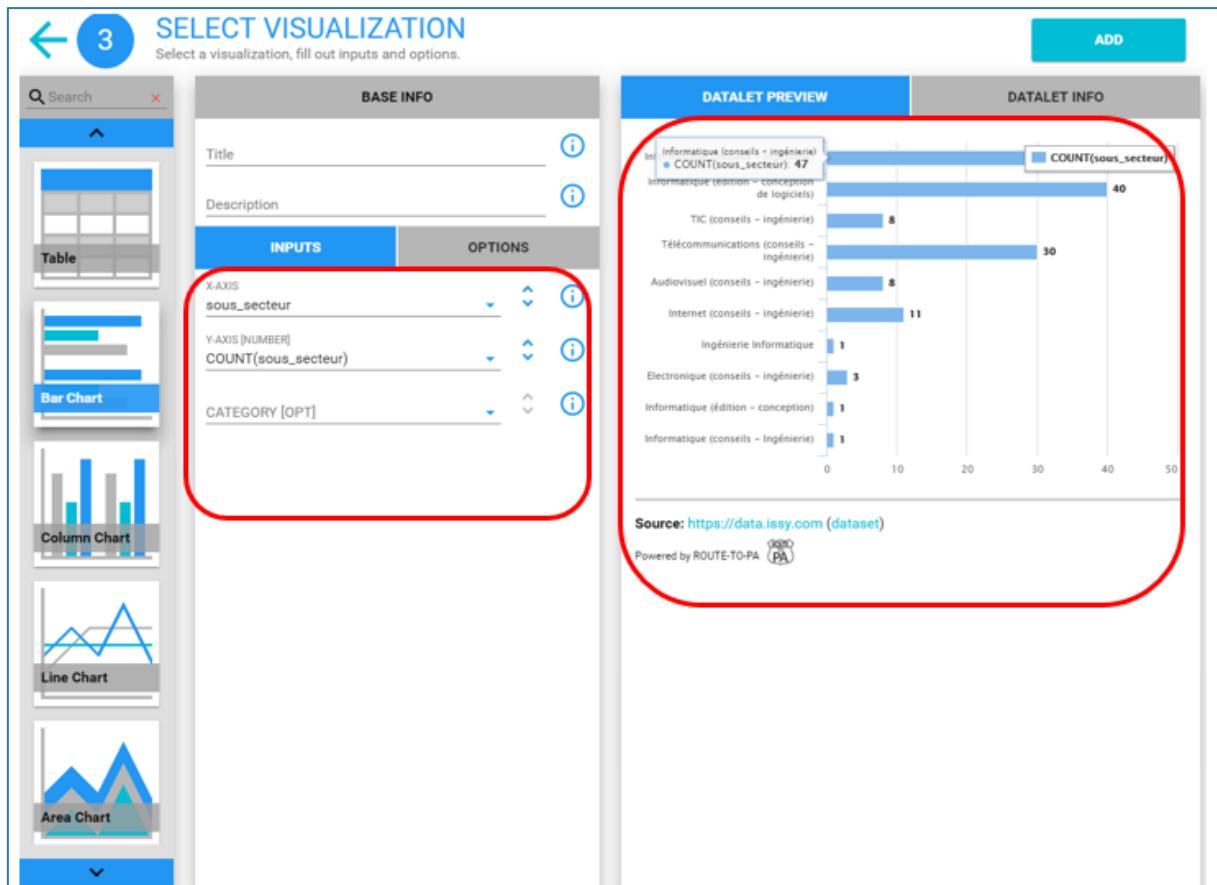


Figure 21: "INPUT" section to fill in and a preview of the dataset is available on right side

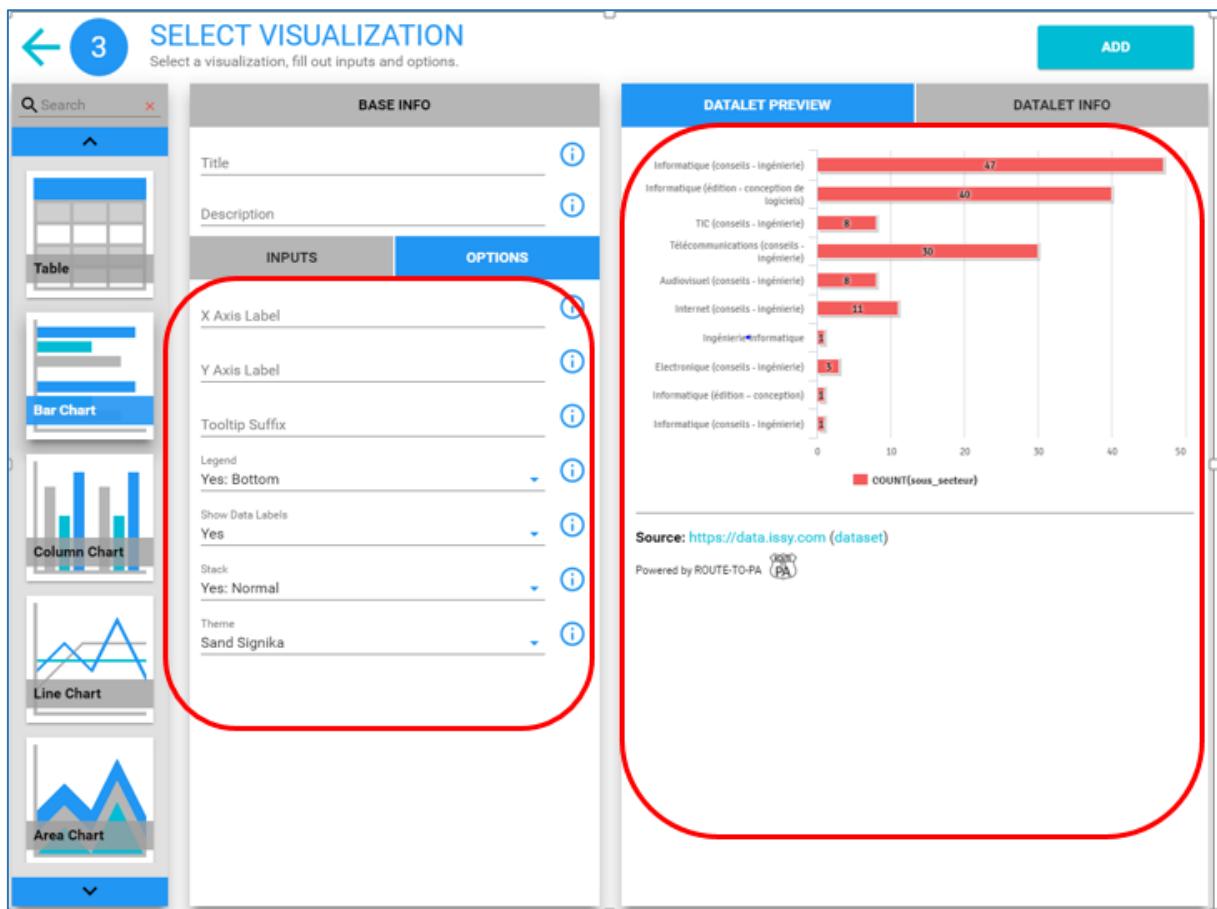


Figure 22: A custom chart with the “OPTIONS” section

#### 6.1.2 VISUALIZATION OF OPEN DATA FROM REMOTE DATASETS

##### STEP 1) “Dataset api data url”

The Controllet allows the visualization of remote datasets by clicking on “Selected url” text to import a chosen remote dataset.

Selecting as Open Data provider<sup>1</sup>, TET provider, select a dataset with enabled API (), see the following example:

<sup>1</sup> <http://srvgal100.deri.ie:8081/>

Log in Register

 Datasets Organizations Groups About Search

[/ Organizations / Dublin City Council / Dublin Economic Monitor / Indicator 1 Unemployment](#)

## Indicator 1 Unemployment

URL: <http://vmdatagov01.deri.ie:8080/dataset/fb0a2897-efc5-430b-98b7-61ff446bb587/resource/78df2935-ba6c-43b0-b054-ba830ec5ed...>

Indicator 1 Unemployment

Data Explorer xcvxv

Go to resource Data API

Add Filter

Grid Graph Map 70 records 1 – 70 »

Search data ... Go » Filters

_id	Quarter	National...	Dublin U...	Dublin E...
1	Q1 98	8.50%	7.60%	480.4
2	Q2 98	7.60%	7.10%	484.3
3	Q3 98	7.10%	6.60%	492.9
4	Q4 98	6.40%	5.60%	496.8
5	Q1 99	6.10%	5.20%	505.2
6	Q2 99	5.80%	4.80%	512.5
7	Q3 99	5.30%	4.30%	517.5
8	Q4 99	5.10%	4.00%	523.9
9	Q1 00	4.70%	3.70%	528.5
10	Q2 00	4.50%	3.50%	534.9
11	Q3 00	4.10%	3.30%	542.1
12	Q4 00	3.80%	2.60%	545
13	Q1 01	3.70%	2.70%	547.9
14	Q2 01	3.70%	3.00%	549.2
15	Q3 01	4.10%	3.30%	551.2
16	Q4 01	4.10%	3.30%	550.7

And click on  to know the address of the dataset to use for SPOD, if this button is not present on the provider, the dataset is not available for SPOD. Copy and paste the address showed in the “Query example (first 5 example)” section:

**CKAN Data API**

Query	<code>http://vmdatagov01.deri.ie:8080/api/action/datastore_search</code>
Query (via SQL)	<code>http://vmdatagov01.deri.ie:8080/api/action/datastore_search_sql</code>

**Querying »**

**Query example (first 5 results)**  
`http://vmdatagov01.deri.ie:8080/api/action/datastore_search?`  
`resource_id=78df2935-ba6c-43b0-b054-ba830ec5edf4&limit=5`

**Query example (results containing 'jones')**  
`http://vmdatagov01.deri.ie:8080/api/action/datastore_search?`  
`resource_id=78df2935-ba6c-43b0-b054-ba830ec5edf4&q=jones`

**Query example (via SQL statement)**  
`http://vmdatagov01.deri.ie:8080/api/action/datastore_search_sql?`  
`sql=SELECT * from "78df2935-ba6c-43b0-b054-ba830ec5edf4" WHERE title LIKE 'jones'`

**Example: Javascript »**

*Try your datalet with the following API address:*

[http://vmdatagov01.deri.ie:8080/api/action/datastore\\_search?resource\\_id=78df2935-ba6c-43b0-b054-ba830ec5edf4&limit=5](http://vmdatagov01.deri.ie:8080/api/action/datastore_search?resource_id=78df2935-ba6c-43b0-b054-ba830ec5edf4&limit=5)

## STEP 2)

“SELECT DATA” section allows to select the data you want to visualize. Clicking the data on the left side and they will visualize in a table on the right side.

**2 SELECT DATA**  
Select the fields on the left. The table will show the values related to the selected fields.

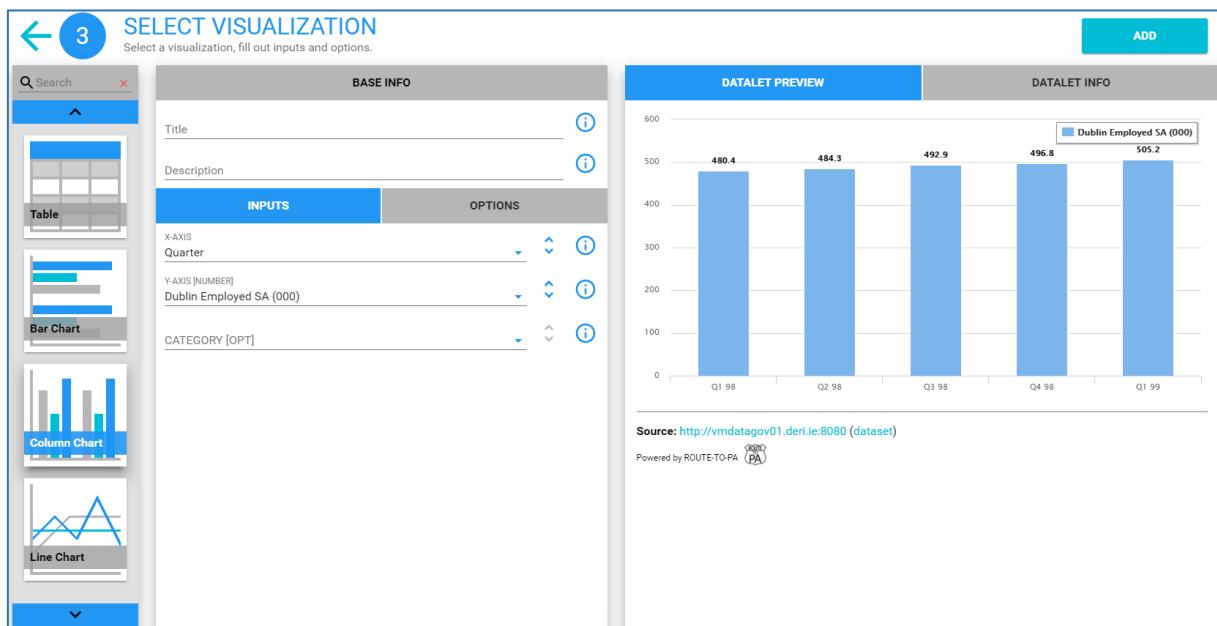
FIELDS		SELECTED DATA	
	Quarter	Dublin Employed SA (000)	
Dublin Employed SA (000)	Q1 98	480.4	
Dublin Unemployment Rate SA (%)	Q2 98	484.3	
National Unemployment Rate SA (%)	Q3 98	492.9	
Quarter	Q4 98	496.8	
	Q1 99	505.2	

Showing 1 to 5 of 5 rows Search  X

EXPERT MODE ROUTE TO PA Data

### STEP 3)

**"SELECT VISUALIZATION"**: select and customize a chart



### 6.1.3 ANY CKAN PROVIDERS

You can add datasets using any CKAN provider. Search an Open Data portal that is powered by CKAN (e.g., portal Open Data portal of the Lazio Region (Italy) (<https://dati.lazio.it/> ).

The screenshot shows the homepage of the Open Data Lazio portal. At the top, there is a navigation bar with links for 'LOGIN/SIGN UP' and 'ITALIAN'. Below the header, the 'REGIONE LAZIO' logo is displayed next to the 'OPEN DATA' logo. On the right side of the header, there are icons for the European Union, the Region of Lazio, and the 'CRESCE L'EUROPA NEL LAZIO' campaign. A search bar labeled 'Portal search' is located above a menu bar with links for 'open progetti', 'open spesa', and 'open sanità'. The menu bar also includes links for 'HOME', 'DATA', 'APPLICATIONS', 'COMMUNITY', and 'NEWS'. Below the menu, there is a large banner with a green hexagonal pattern and the text 'Analisi di business e nuovi modelli di impresa: prospettive di un dato di qualità'. A navigation bar below the banner displays 'Find among 196 datasets' and a 'Datasets search' input field. At the bottom of the page, there are four categories: 'Agriculture and Fisheries' (with a tractor icon), 'Environment and Weather' (with a sun and cloud icon), 'Productive Activities' (with two gears icon), and 'Announcement and competitions' (with a megaphone icon). Each category has a corresponding link below it.

- The Open Data portal offers Data API to use in SPOD, by clicking on the button

The screenshot shows the Lazio Open Data portal. At the top, there's a navigation bar with links for 'LOGIN/SIGN UP' and 'ITALIAN'. Below the header, the 'REGIONE LAZIO' logo and the 'OPEN DATA' logo are displayed. A search bar labeled 'Portal search' is followed by three main categories: 'open progetti', 'open spesa', and 'open sanità'. Below these are links for 'HOME', 'DATA', 'APPLICATIONS', 'COMMUNITY', and 'NEWS'. A prominent search bar at the top of the page allows users to 'Find among 196 datasets' or perform a 'Dataset search'. Below this, there are download and API access buttons ('Download' and 'Data API'). The main content area features a title 'Estimated Budget 2013: Expenses' and a subtitle 'The Expense section of the Estimated Budget 2013 of the Regione Lazio'. A table displays 7 rows of data, each containing information such as 'Es.fin.', 'Capitolo', 'Descr. c...', 'Misione', 'Descr. m...', 'Program...', 'Descr. pr...', 'PdC', 'Descr. P...', 'Previsio...', and 'F...'. The data includes entries like 'A12101 ATTUAZI...' and 'A12105 ARMO - A...'. The table has a grid view and a map view option.

The Open Data portal offers the address for SPOD (e.g., copy and paste the address described in the “**Query example (first 5 results)**”)

The screenshot shows the CKAN Data API documentation page. It starts with a heading 'CKAN Data API' and a sub-section 'Access resource data via a web API with powerful query support. Further information in the [main CKAN Data API and DataStore documentation](#)'. Below this, there's a link to 'Endpoints' and a note that the Data API can be accessed via the following actions of the CKAN action API. It lists several actions: 'Create' (HTTP POST to [http://dati.lazio.it/catalog/api/action/datastore\\_create](http://dati.lazio.it/catalog/api/action/datastore_create)), 'Update / Insert' (HTTP POST to [http://dati.lazio.it/catalog/api/action/datastore\\_upsert](http://dati.lazio.it/catalog/api/action/datastore_upsert)), 'Query' (HTTP GET to [http://dati.lazio.it/catalog/api/action/datastore\\_search](http://dati.lazio.it/catalog/api/action/datastore_search)), 'Query (via SQL)' (HTTP POST to [http://dati.lazio.it/catalog/api/action/datastore\\_search\\_sql](http://dati.lazio.it/catalog/api/action/datastore_search_sql)), and 'Querying' (with a link to 'Query example (first 5 results)'). Below this, there are examples for 'Query example (first 5 results)', 'Query example (results containing 'jones')', 'Query example (via SQL statement)', and 'Example: Javascript' (with a sample code snippet). Another section, 'Example: Python', contains Python code for making an AJAX request using jQuery. The code defines a 'data' object with 'resource\_id', 'limit', and 'q' parameters, then uses \$.ajax to send a POST request to the 'datastore\_search' endpoint with the defined data.

```

var data = {
    resource_id: '722b6cbd-28d3-4151-ac50-9c4261298168', // the resource id
    limit: 5, // get 5 results
    q: 'jones' // query for 'jones'
};
$.ajax({
    url: 'http://dati.lazio.it/catalog/api/action/datastore_search',
    data: data,
    datatype: 'jsonp',
    success: function(data) {
        alert('Total results found: ' + data.result.total)
    }
});

```

Now the address of the “**Query example (first 5 results)**” is copied and pasted into the “*Select url*” section of the SPOD.

**1 SELECT DATASET**  
Select a dataset from the list or copy and paste the url of dataset.

**FROM PROVIDERS** **FROM COCREATED** **FROM EXTENDED SEARCH**

Provider: All i

Prato : Biblioteche	DATASET INFO
Prato: Giardini e Prati	
Wi-Fi Prato test	
GeoJson-test-01	
pure geojson	
geo test 2	
geo 33	
geo 4	
geo 5	
Zorgboederijen in de provincie Groningen	
Collecte des ordures ménagères	
Test converter: scuole a Prato	

Showing 1 to 20 of 3537 datasets < > Search X

Selected url  
[http://dati.lazio.it/catalog/api/action/datastore\\_search?resource\\_id=722b6cbd-28d3-4151-ac50-9c4261298168&limit=5](http://dati.lazio.it/catalog/api/action/datastore_search?resource_id=722b6cbd-28d3-4151-ac50-9c4261298168&limit=5)

The wizard will help the user for the visualization of the selected dataset.

## 6.2 DATALET WITH DATA GROUPING

Datalets (only with “large” datasets) now introduce a slider to allow the user to filter in/out and zooming. Grouping is activated when there are many data points in the chart and it increases performance it makes it easier to spot trends in a chart.

The screenshot shows a digital platform interface. At the top, there is a navigation bar with links like Novità, Membri, Spazio privato, Agora, GoCreate, Blogs, Eventi. Below the navigation bar, there is a sidebar with icons for Novità, Ricerca, Segnalare, Dataset, and Notifiche. The main area displays a bar chart with values ranging from 100 to 300. A red arrow points from this chart to a message window on the right. The message window has a header 'Tutorial Agora' and 'Agora dimostrativa'. It contains a message from a user named 'Altri esempi molto esplicativi, ricordo delle Datalot che facete con questo dataset che erano difficilmente comprensibili (non per vostro dimentico).'. Below the message is a smaller bar chart with values from 10 to 300. The message window also includes a search bar, a date selector (set to Martedì), and a list of days of the week.



## 7 CO-CREATION ROOM

---

A new collaborative space to guide the user to constructive discussions within a small, private (by invitation) group (named *Cocreation knowledge room*) and to produce or create new datasets (named *Cocreation data room*).

The *Cocreation knowledge room* ( ) includes tools specifically designed for small groups such as cocreating a template document for each of the three phases (e.g. Explore, Ideas, Outcome) and annotation via post-it of the datalets to be discussed (with synchronous notification for real-time discussions).

The *Cocreation data room* ( ) allows the users produce further datasets by either manipulating existing ones on the platform (helped with an import feature in cocreation process) or creating a new dataset (cocreation data process) that can be shared with other users creating new datalets for starting discussion in rooms of Agora. Users can discuss and add "likes" on produced datasets.

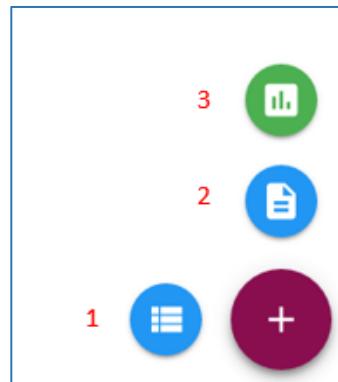


Figure 23: All features: (1) View all datasets; (2) Add a cocreation knowledge room; (3) Add a cocreation data room.

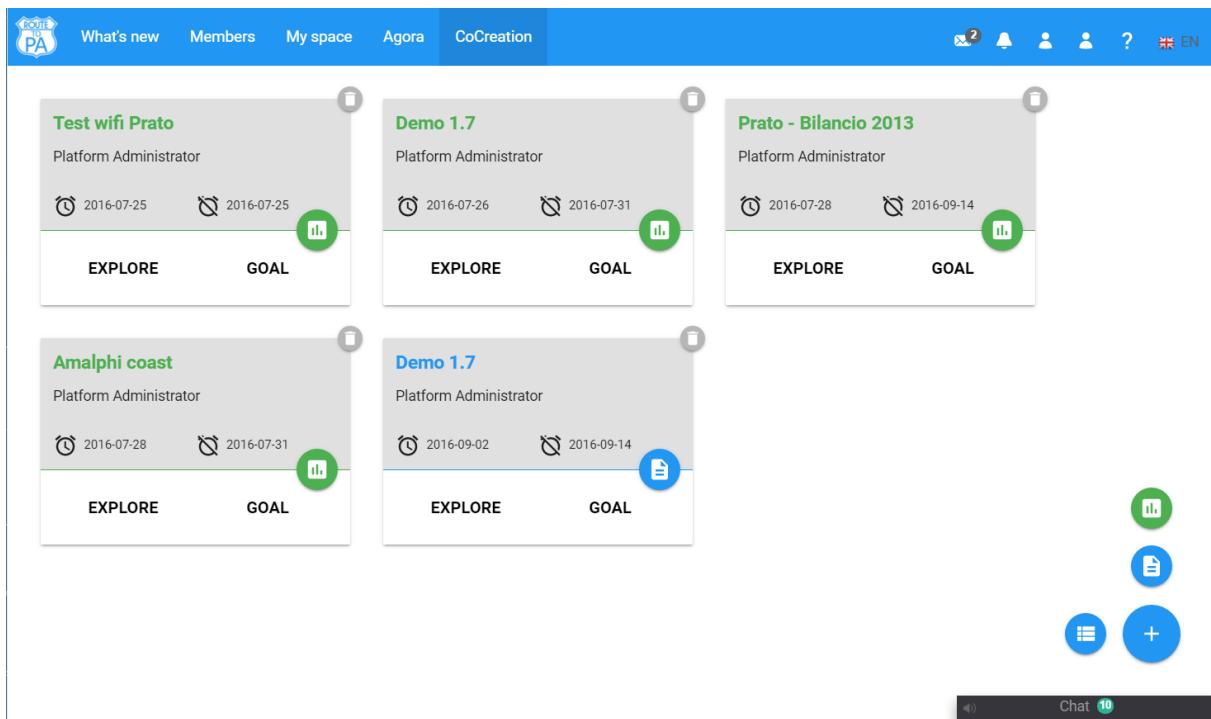


Figure 24: Create a **Data** or **Knowledge** room, take a look at all datasets

## 7.1 CREATE A NEW CO-CREATION ROOM

On the bottom on the right-bottom corner click on  button to fill out the details of the room:

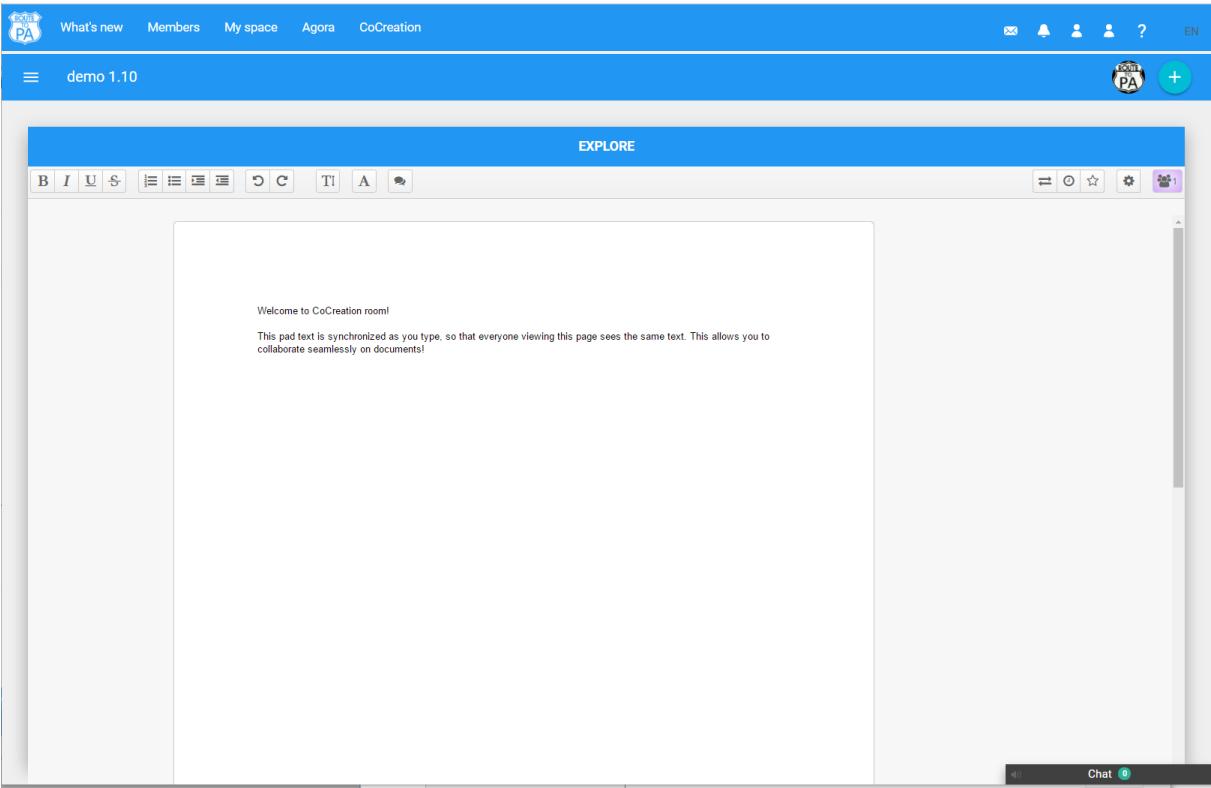
- Name of the Room
- Subject
- Description
- Period
- Goal
- Invitation test
- Members: suggest e-mail address of a user

**CREATE A NEW ROOM**

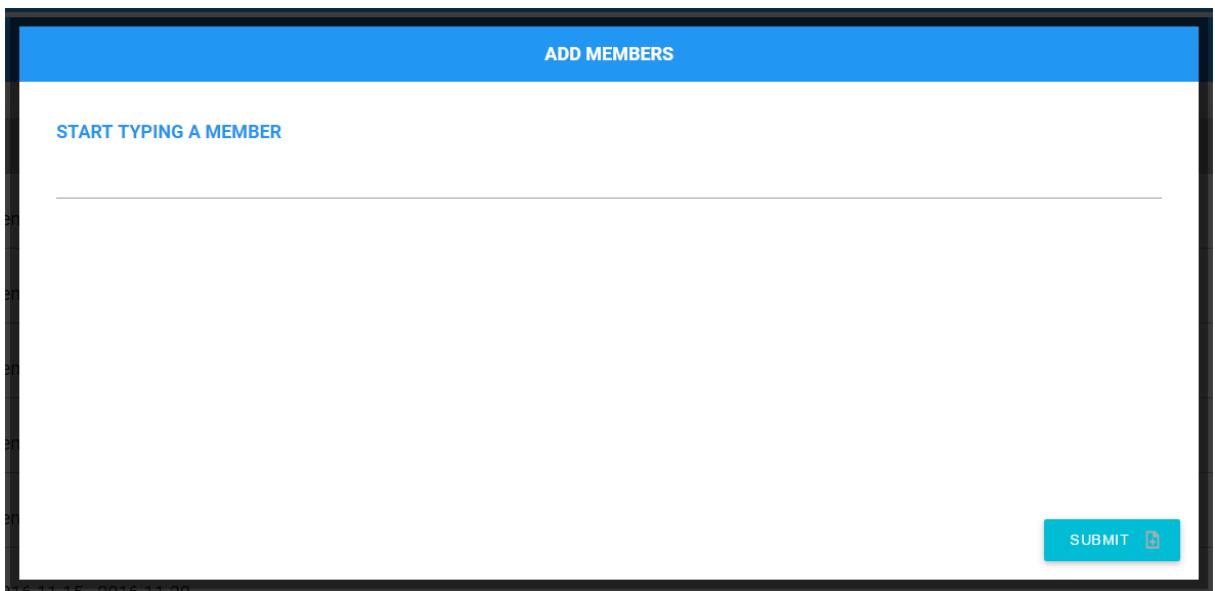
NAME	Name
SUBJECT	
DESCRIPTION	
PERIOD	
GOAL	
INVITATION TEXT	
MEMBERS	

#### 7.1.1 ADD A NEW MEMBER IN A GROUPING WORK

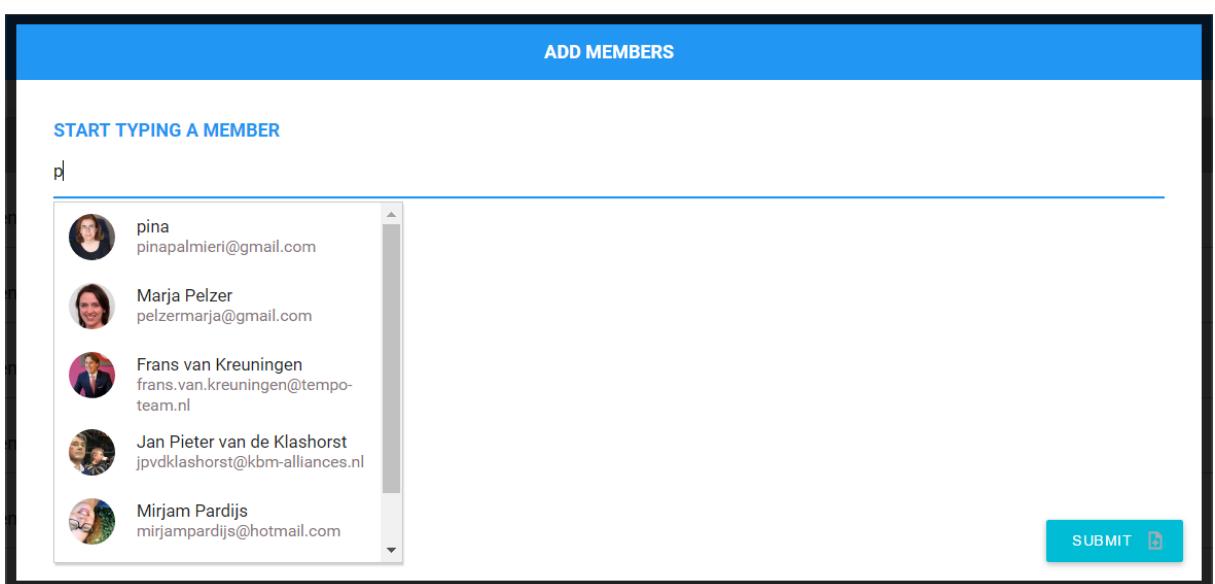
Click on the  at the upper-right corner to invite new users to join the room.



The screenshot shows the CoCreation platform interface. At the top, there's a navigation bar with icons for 'What's new', 'Members', 'My space', 'Agora', and 'CoCreation'. On the far right of the top bar are icons for messaging, notifications, user profile, and language selection ('EN'). Below the navigation bar, the title 'demo 1.10' is displayed. In the center, there's a large white area labeled 'EXPLORE' with a WYSIWYG editor toolbar above it. The toolbar includes buttons for bold (B), italic (I), underline (U), strikethrough (S), lists (bullet and numbered), tables, and other document tools. The main content area contains the text: 'Welcome to CoCreation room! This pad text is synchronized as you type, so that everyone viewing this page sees the same text. This allows you to collaborate seamlessly on documents!' At the bottom right of the content area, there's a 'Chat' button with a small notification badge. The overall interface is clean and modern, designed for collaborative document editing.



Typing a letter, it suggests the first name starting with that letter.



## 7.2 VIEW ALL DATASET

"View all dataset" (  button) is a feature to show the datasets created and exported by groups in the cocreation data rooms, that allow to see the dataset, the notes and the link to the dataset and more.

DATASET						<input checked="" type="checkbox"/> Last version
VER	USER	NAME	DATA	DESCRIPTION	TOOLS	
1				26/07/2016		   
1			Wifi Prato	25/07/2016	Wifi Prato	   
1				24/06/2016		   
2			Humidity of 2016	24/06/2016	The first 5 months of 2016 are covered, ...	   
2			Average temp	24/06/2016	The average temperature of the first 5 m...	   

Showing 1 to 6 of 6 rows Search  X

In the “TOOLS” column, on the right side, the following features are available:

- Open ( button): every time you add a new dataset in the Cocreation data room, you can see any dataset in the cocreation data room
- Downloads as CSV ( button): every time you add a new dataset in the Cocreation data room , you can download the dataset as CSV file
- Copy link ( button): every time you add a new dataset in the Cocreation data room, you can copy and paste the address (URL) of the dataset
- Downloads doc ( button): every time you add a new dataset in the Cocreation data room, you can download the notes of the dataset as html file.

## 8 COCREATION KNOWLEDGE ROOM

---

### 8.1.1 NOTIFICATION IN THE CO-CREATION ROOM

When an user is invited in a room, s/he will receive a notification message, on the lower left side of the page, shows some invitations to join to specific room and clicking on the “CONFIRM TOO JOIN” link to accept the invite.

The screenshot shows the ROUTE TO PA platform interface. At the top, there is a navigation bar with links: What's new, Members, My space, Agora, CoCreation, and a user profile icon. On the right side of the header, there are icons for notifications, help, and language selection (EN).

The main content area displays a grid of room cards:

- Humidity room** by Vittorio Scarano, created on 2016-06-24, updated on 2016-06-25. Buttons: EXPLORE (green), GOAL (green).
- Bug room** by Andrea Petta, created on 2016-07-27, updated on 2016-07-27. Buttons: EXPLORE (green), GOAL (green).
- Demo - 1.7** by Giuseppina Palmieri, created on 2016-07-27, updated on 2016-07-29. Buttons: EXPLORE (green), GOAL (green).
- Prato Dataset** by Elena Palmisano, created on 2016-07-20, updated on 2016-07-21. Buttons: EXPLORE (green), GOAL (green).

A red box highlights a modal window titled "You have some invitations to co-creation rooms" with an "x" button to close it. The modal lists five invitation entries:

- invited you to join to room test - 1 → CONFIRM TO JOIN →
- vitsca invited you to join to room Prova → CONFIRM TO JOIN →
- spodadmin invited you to join to room Demo 1.7 → CONFIRM TO JOIN →
- spodadmin invited you to join to room Amalfi Coast: the Towers → CONFIRM TO JOIN →
- spodadmin invited you to join to room Demo 1.7 → CONFIRM TO JOIN →

At the bottom right of the modal are two buttons: a blue one with three horizontal lines and a white plus sign, and a blue one with a white minus sign.

Now you can select an already created room with the accepted invite or create a new room. The accepted invite will allow to see the collaborative space of the created room. Click on the “Explore” to enter into the room.

### 8.1.2 HOW TO START IN A ROOM

To start in a room click menù ( green color for data room and blue for knowledge room) on the top left side

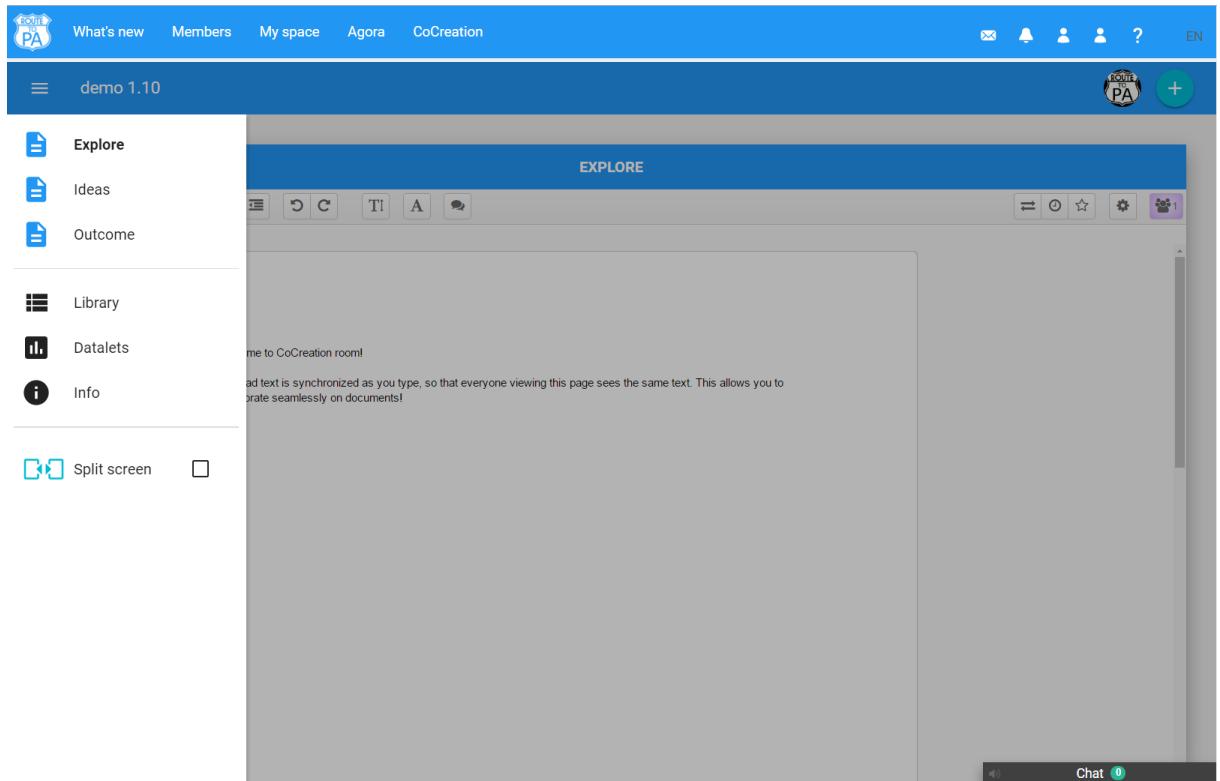


Figure 25: All features (show Explore, Ideas, Outcome, see Library, Add datalet, show Info, modify UI with Split screen) in a knowledge room

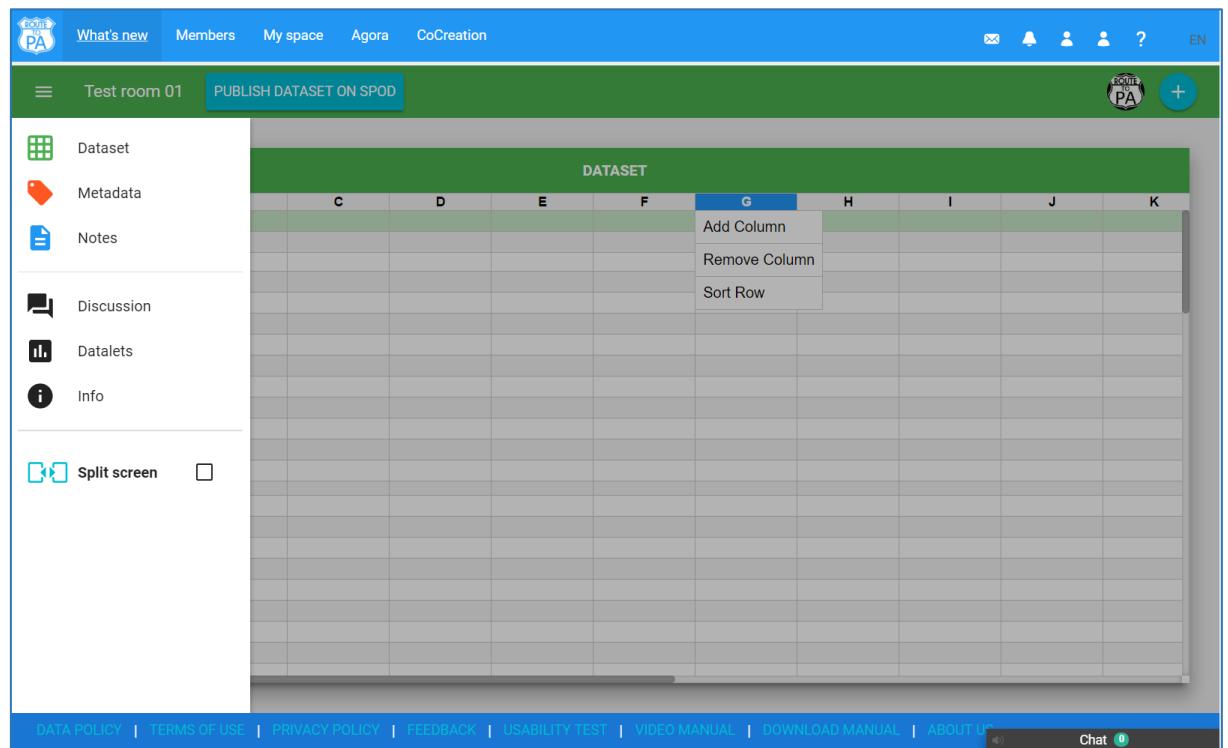
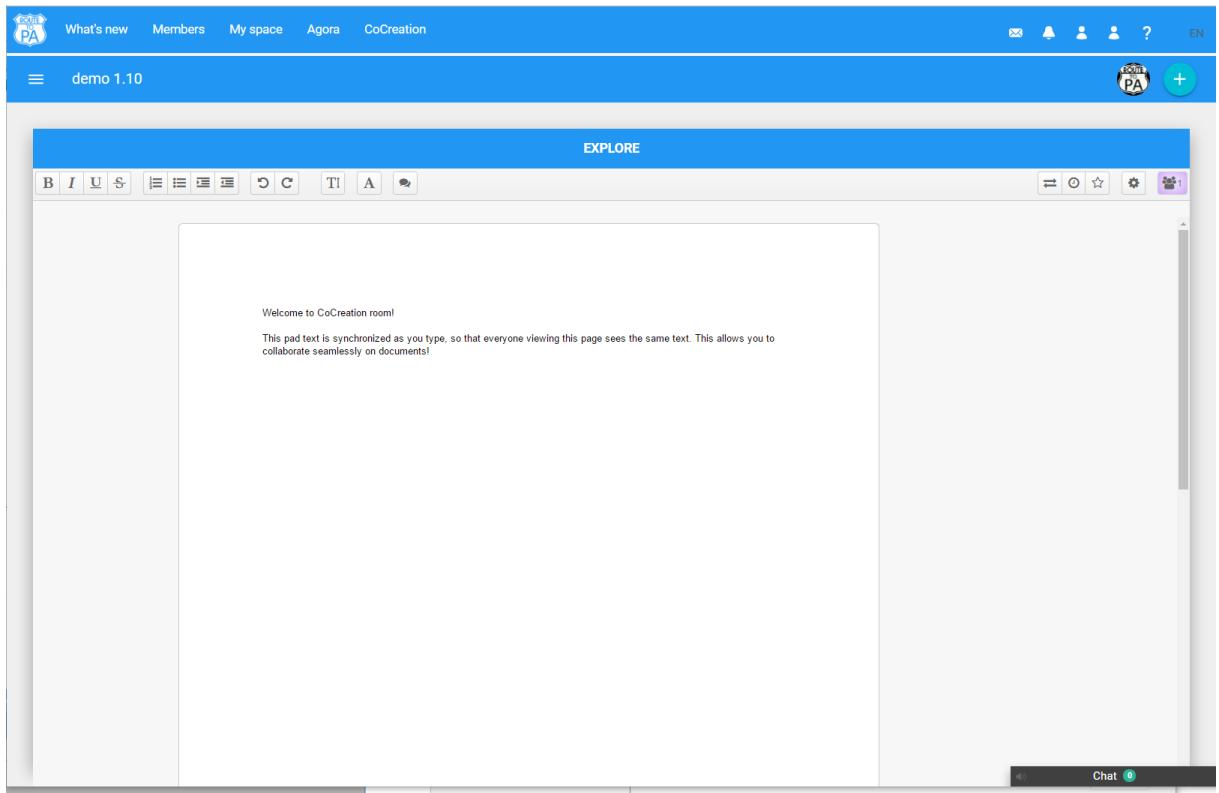


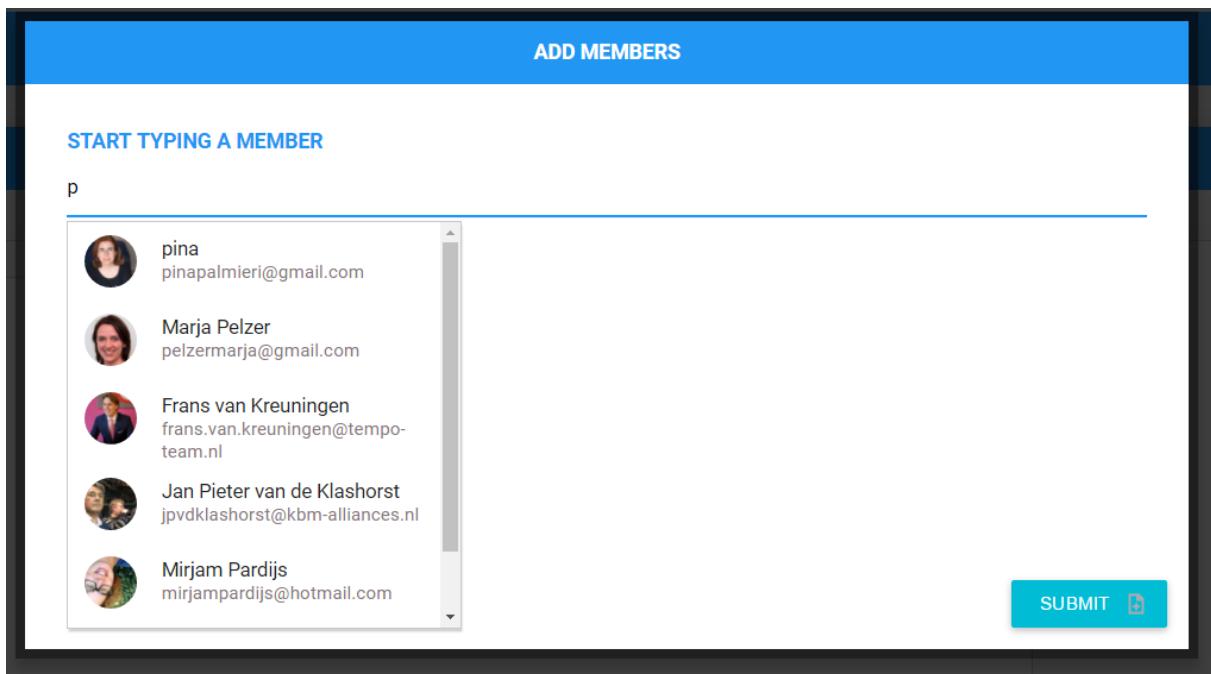
Figure 1: "What's new" page in SPOD with custom widgets (Users, Agora Activities, SPOD help and Tweets) on the left sideAll features in a data room (show Dataset, Metadata, Notes, join to Discussion, Add datalet, show Info, modify UI with Split screen)

### 8.1.3 ADD A NEW MEMBER IN A GROUPING WORK

Click on the  on the right upper-corner to invite new users to join the room.



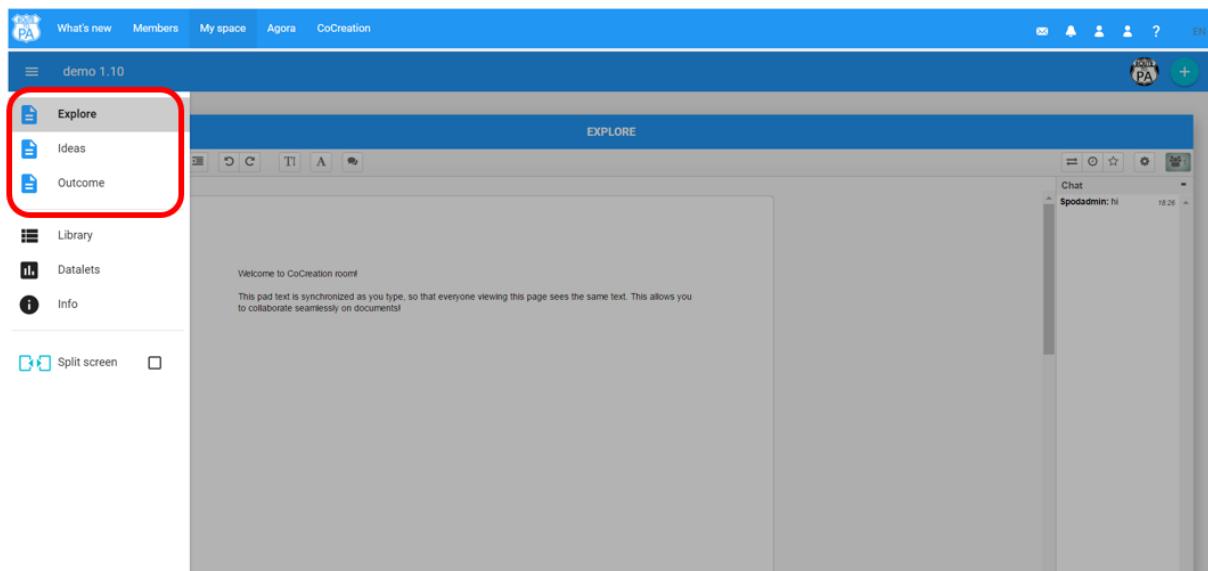
Start typing the first letter of user name and the platform offers suggestions before you've even finished typing:



#### 8.1.4 CO-CREATION ROOM

A collaborative space to guide user to constructive discussions within a small, private (by invitation) group. It includes tools specifically designed for small groups such as cocreating a template document for each of the three phases explore, ideas, outcome and annotation via post-it of the datalets to be discussed (with synchronous notification for real-time discussions).

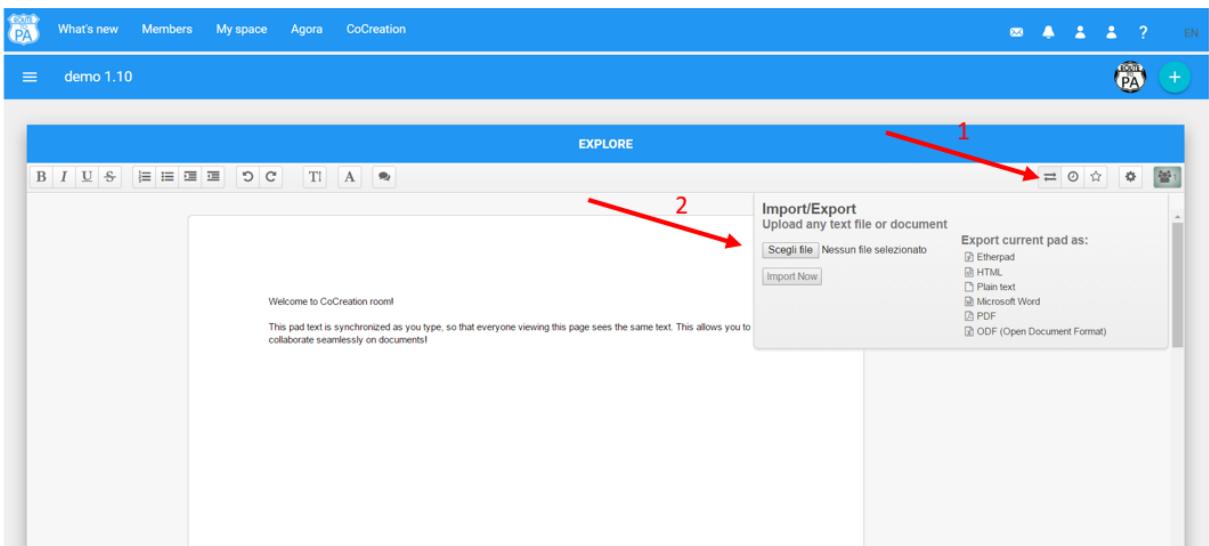
##### 8.1.4.1 EXPLORE, IDEAS, OUTCOME PAGES



A collaborative space for each feature (e.g., Explore, Ideas and Outcome) is ready to edit documents collaboratively in real-time and provides a list of features:

- **Clear collaboration:** it is possible to see changes being made by other users in real time and each participant is identified by a color and name
- **Chat:** a synchronous communication is available with other people who are using the document
- **Recording Revisions:** it is possible to save specific versions at any time. A time slider shows anyone the history of the shared document.

- **Exporting:** a document can be downloaded in plain text, HTML, Open Document, Microsoft Word or PDF format



All features in a room:

- **User Interface:** enlarge, split the shared document, the datalet etc. into panes
- **Add, delete a datalet**
- **Add Notes** (  )
- **Import in My space, Export to HTML, PNG, RTF**

The screenshot shows the ROUTE-TO-PA platform interface. On the left, there's a sidebar with options like 'Explore', 'Ideas', 'Outcome', 'Library', 'Datalets', and 'Info'. A red box highlights the 'Split screen' button, which has a checked checkbox. Another red box highlights the top toolbar buttons. In the center, there's a 'User Interface' section with a 'Split screen' button and a checked checkbox. To the right is a data visualization titled 'Record revision, Export' showing a line graph of revisions across various sectors. The graph has three series: 04 Visserijbuurt (blue), 03 Scheveningen Badplaats (black), and 02 Vissershaven (green). The Y-axis represents the number of revisions, ranging from 0 to 750. The X-axis lists sectors: Primaire sector, d...; Industrie, bouw, vervo...; Handel (personen); Zakelijke diensten (pe...); Overheid en extra-ter...; Zorg (personen); Onderwijs (personen); Cultuur, sport en recl...; and Overige dienstverlenin... . The green series peaks at 789 revisions in the 'Handel (personen)' sector. The blue series peaks at 593 revisions in the 'Zorg (personen)' sector. The black series peaks at 521 revisions in the 'Handel (personen)' sector. A red box highlights the 'Add Notes' button. At the bottom, there are 'Add, delete datalet' buttons and a QR code.

The screenshot shows the ROUTE-TO-PA platform interface. On the left, there's a 'CoCreation' room with a rich text editor and a 'Welcome to CoCreation room!' message. A red box highlights the top toolbar buttons. In the center, there's a 'CoCreation' section with a 'Chat' button. To the right is a data visualization titled 'Record revision, Export' showing a line graph of revisions across various sectors. The graph has three series: 04 Visserijbuurt (blue), 03 Scheveningen Badplaats (black), and 02 Vissershaven (green). The Y-axis represents the number of revisions, ranging from 0 to 1000. The X-axis lists the same sectors as the previous screenshot. The green series peaks at 789 revisions in the 'Handel (personen)' sector. The blue series peaks at 593 revisions in the 'Zorg (personen)' sector. The black series peaks at 521 revisions in the 'Handel (personen)' sector. A red box highlights the 'Export to HTML' button. Below the graph, there are buttons for 'Import in My Space', 'PNG, RTF;', and 'Import in My Space'.

#### 8.1.4.2 NOTIFICATIONS

Notifications are updates about “Co-creation” activity (e.g. new datalet, post-it etc.). The below screenshot shows a pop-up notification on your screen you receive when a note is created.

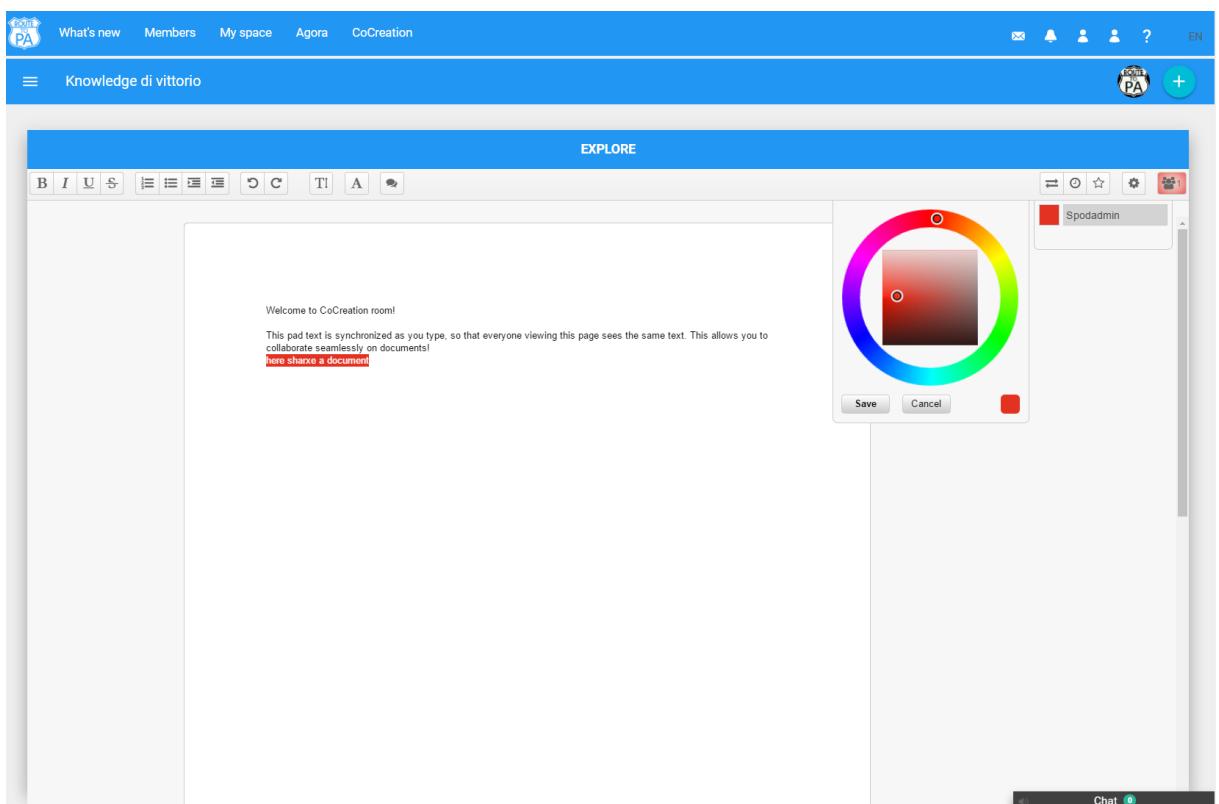
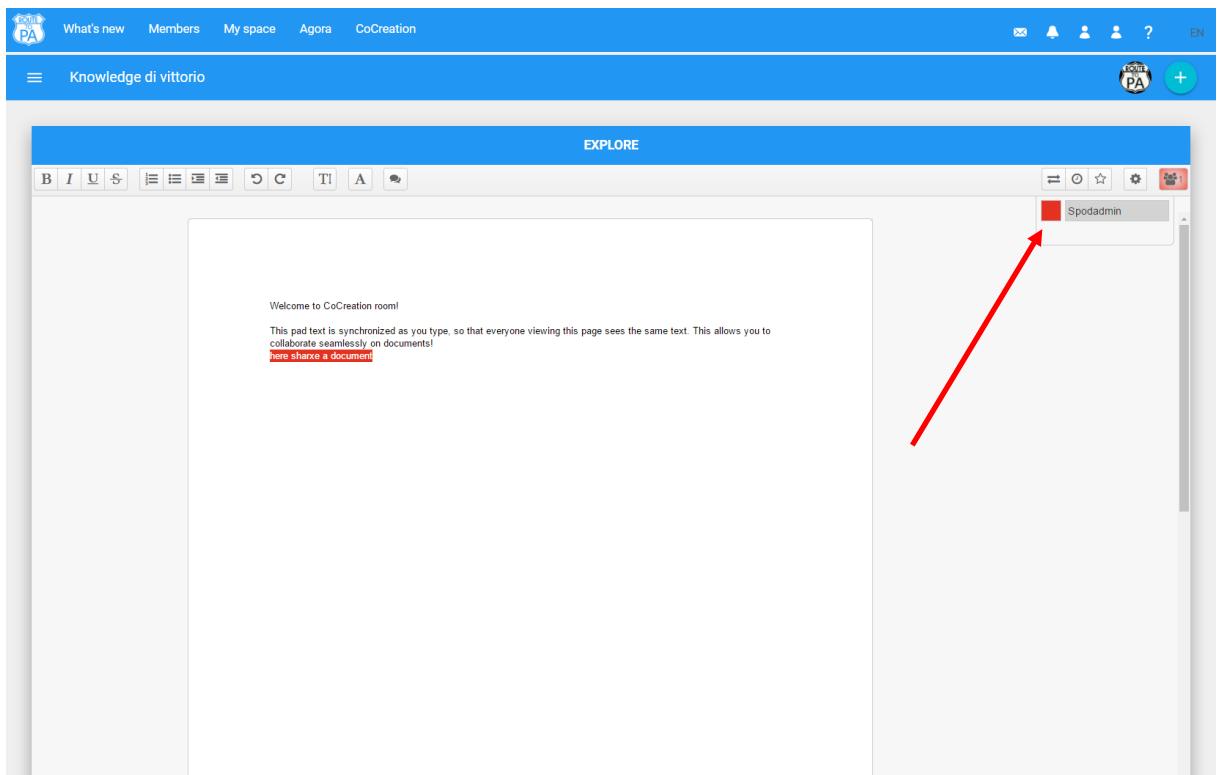
#### 8.1.4.3 ASSOCIATED COMMENTS

A comment (it is like a post-it) to a datalet can be added clicking on the bottom left side on the button: and a new pop-up window will appear to fill out “Title” and “Content” of the new comment.

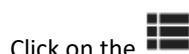
Sector	git commit
Primaire sector, d...	1
Industrie, bouw, vervo...	302
Handel [personen]	94
Zakelijke diensten	319
Overheid en extra	789

#### 8.1.4.4 HOW TO CHANGE AUTHORSHIP COLOUR IN A SHARED DOCUMENT

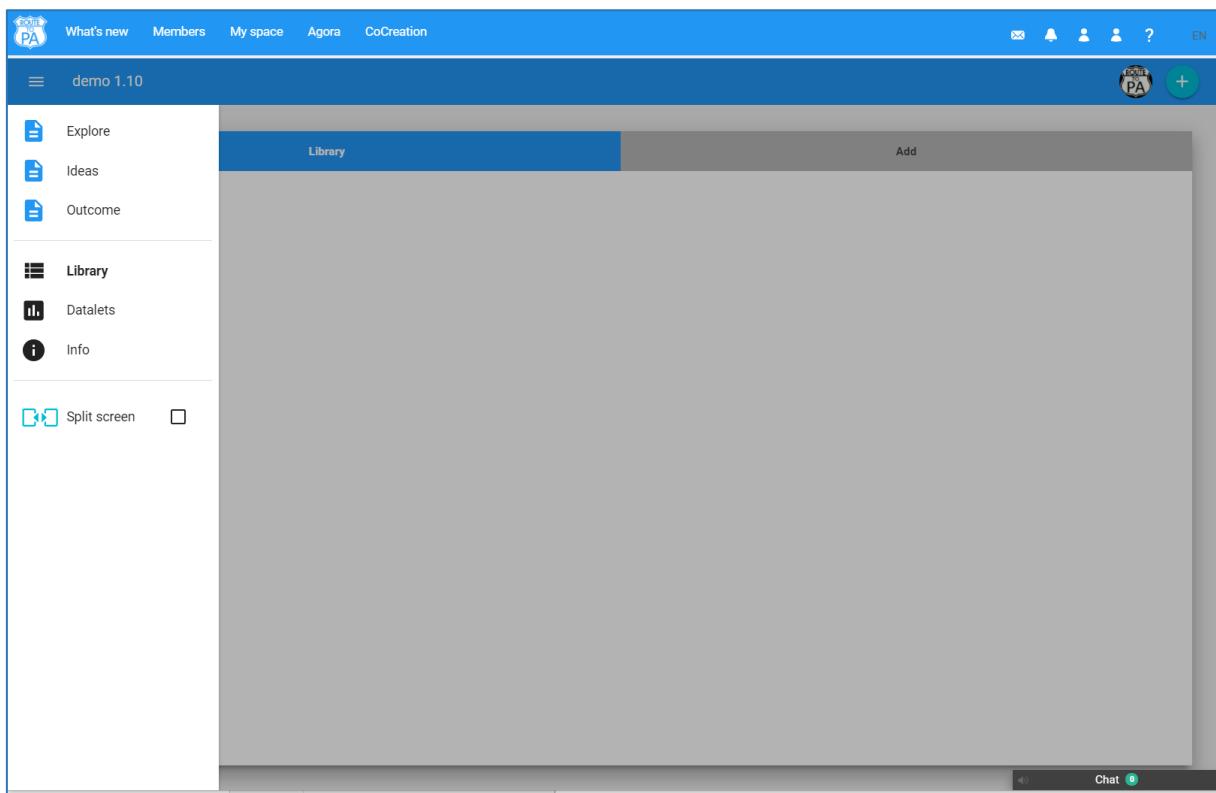
Click on the left side on the coloured icon (see screenshots below) and each member can choose a colour



### 8.1.5 LIBRARY



Click on the **Library** button on the top left side:



At first, a new dataset can be added and it will be available in the Library section.

- Add a new dataset clicking in the “Add” tab

The screenshot shows the 'SELECT DATA' dialog box. On the left, there is a list of 'FIELDS' with items such as '89 Morgenstond-Oost', '90 Ockenburgh', '91 Kijkduin', '92 Boheme/Meer en Bos', '93 Componistenbuurt', '94 Waldeck-Noord', '95 Kom Loosduinen', '96 Zijden/Steden/Zichten', and '97 Kraayenstein'. On the right, there is a table titled 'SELECTED DATA' with four columns: '17 Schildersbuurt-Oost', '18 Huygenspark', '19 Laakhaven-Oost', and 'Omschrijving'. The table contains data for each field, with descriptions provided for some rows. For example, '17 Schildersbuurt-Oost' has values 42, 121, 111, 96, 163, 174, 151, 25, and 27. The 'Omschrijving' column includes entries like 'Primaire sector; delfstoffen, nutsbedrijven [personen]', 'Industrie, bouw, vervoer [personen]', 'Handel [personen]', 'Zakelijke diensten [personen]', 'Overheid en extra-territoriale instellingen [personen]', 'Zorg [personen]', 'Onderwijs [personen]', 'Cultuur, sport en recreatie [personen]', and 'Overige dienstverlening [personen]'.

To add the dataset in the library, click on the button on the top right side.

A new dialog, named “Create new dataset,” appears to fill out with “name”, “Description” fields

## Create new dataset

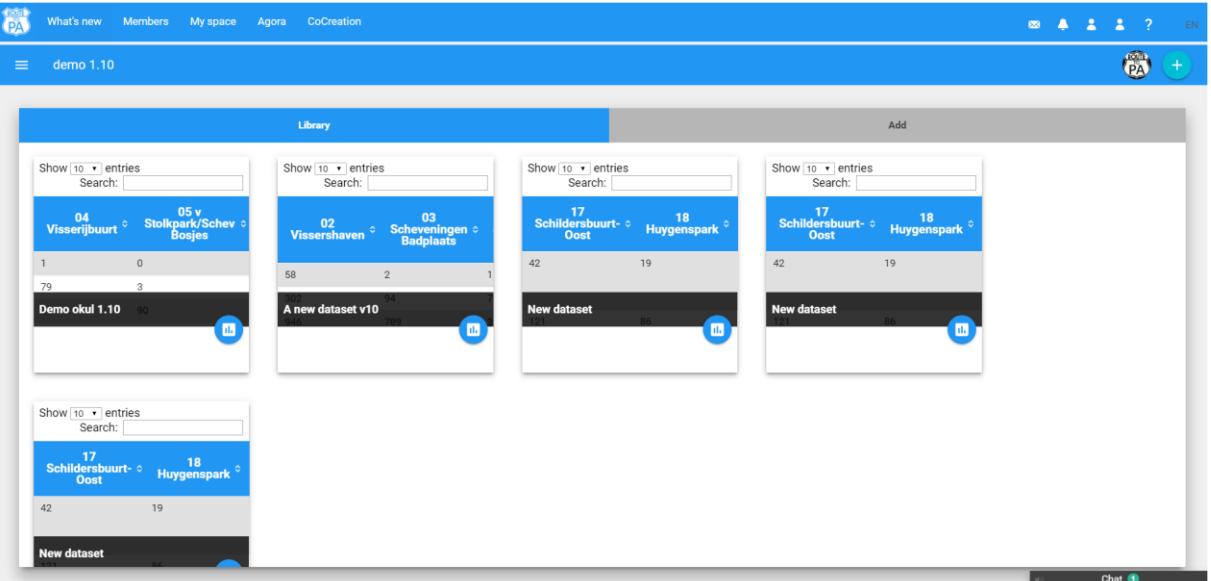
Name

Description

**ADD DATASET **

And this datalet will be shown among suggested datasets (e.g., the “Suggested dataset” field of the Controllet) of the Controllet in the “Co-creation” room.

- Library tab shows all datasets previously created



The screenshot shows the RoutetopA platform interface. At the top, there is a navigation bar with links for 'What's new', 'Members', 'My space', 'Agora', and 'CoCreation'. On the right side of the header are icons for messaging, notifications, user profile, and language selection ('EN'). Below the header, a blue banner displays the text 'demo 1.10' and the RoutetopA logo.

The main area is divided into two sections: 'Library' (left) and 'Add' (right). The 'Library' section contains five datalets, each with a title, a small preview image, and a blue circular button with a white icon. The titles and some details from the datalets are:

- 04 Visserijbuurt 05 v Stolkpark/Schev Bosjes
- 02 Vissershaven 03 Scheveningen Badplaats
- 17 Schildersbuurt- Oost 18 Huygenspark
- 17 Schildersbuurt- Oost 18 Huygenspark
- New dataset

The 'Add' section is currently empty.

Each datalet of the Library will be available when a new datalet is added in the “Co-creation”; it will be suggested in the Controllet in the room (e.g. the dataset will highlighted in yellow).

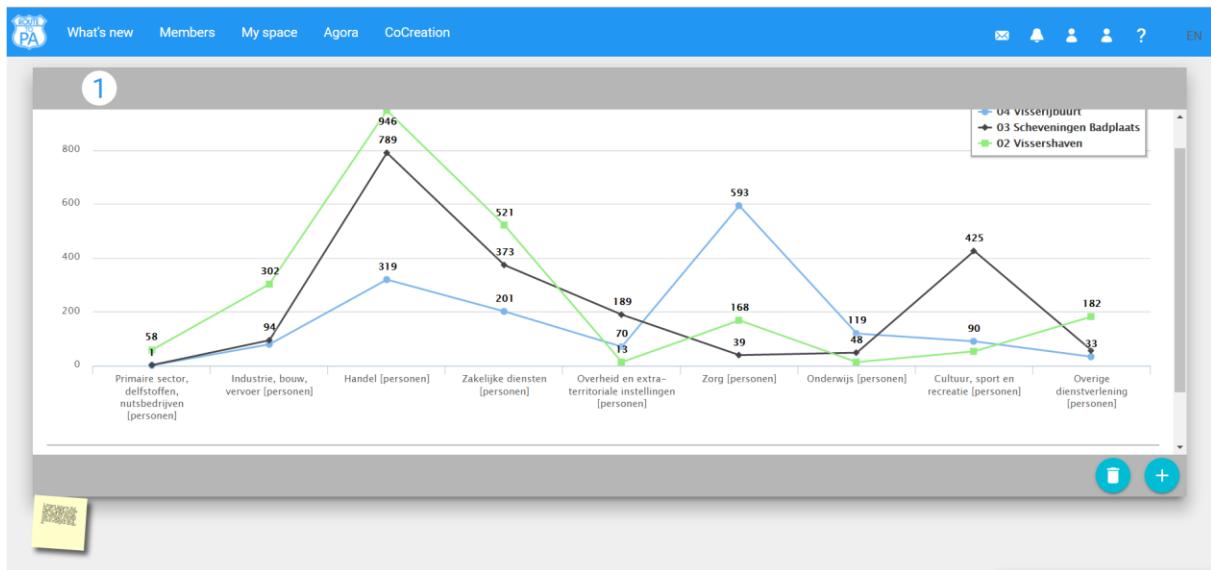
The screenshot shows a user interface for selecting a dataset. On the left, there's a sidebar with a blue circle containing the number '1' and the text 'SELEZIONA UN DATASET'. Below this, a sub-header says 'DATASET DEI PROVIDER'. A dropdown menu labeled 'Provider: Tutti' is open. The main list contains several items: 'Prato: wi-fi' (highlighted in yellow), 'Prato: Consuntivo Uscite 2013', 'Den Haag: Uit de dataset abstract', 'Super Fingers!', 'Wonders of the World!', 'Animal Sounds', and 'Prato Consuntivo Entrate 2013'. To the right, a large panel displays a new dataset titled 'test di creazione un nuovo dataset (1.9)'. It includes a 'description' field with the value 'test 1.9'. At the bottom of the interface, there are navigation buttons ('Mostrati 1 a 20 di 963 dataset', '< >'), a search bar ('Cerca'), and a URL field ('Url selezionata: http://ckan.routetopa.eu/api/action/datastore\_search?resource\_id=b549a533-07a4-429c-a51c-6c3999068254').

### 8.1.6 ADD DATALET

To add a datalet in the Co-creation knowledge room, click on the button, named “Datasets”, on the left side:

The screenshot shows the 'CoCreation' knowledge room interface. The top navigation bar includes 'What's new', 'Members', 'My space', 'Agora', 'CoCreation' (selected), and language options 'EN' and 'IT'. The left sidebar has a 'demo 1.10' header and a list of sections: 'Explore', 'Ideas', 'Outcome', 'Library', 'Datalets' (selected), and 'Info'. Below the sidebar is a 'Split screen' button. The main content area is titled 'THERE ARE NO DATALETS TO SHOW'. In the bottom right corner of the main area, there are two small circular buttons: one with a '+' sign and one with a '-' sign.

You can add a new datalet, clicking on button or delete it, showed in the bottom right side:



## 8.2 COCREATION DATA ROOM

Cocreation data room is a collaborative, real-time spreadsheet; it combines the ease of authoring and multi-user editing of spreadsheet enriched with export/import csv files.

It allows citizens to collaborate on a spreadsheets over SPOD platform in realtime to create dataset with useful criteria for data validation, and to publish a dataset to share for further discussion in social collaboration tools in SPOD (e.g., in What's New, Agora ).

### 8.2.1 NOTIFICATIONS

Users can receive email notifications of the cocreation data room activity enabling them clicking on the top right dropdown menu and select “*SPOD email notification*” from menu . The user can enable the email notification enabling the button (  ) with the following notification setting:

- Immediately
- Every day
- Every month

ROUTE-TO-PA What's new Members My space Agora CoCreation Blogs Events

16 1 ? EN

Show only my friends' activities

CUSTOMIZE THIS PAGE

Newsfeed

ALL | ONLINE

VIEW ALL

The last public room created in the Agora is: Demo for SPOD "Tabit" v.2.2.

SPOD Help

Welcome to our SPOD site! Here are a few quick SPOD links that you need to start your way around:

- Videos online
- Manual online

Platform Administrator test -1

lista Oznaczen Geograficznych

Numer_zgloszenia
1
2
3
4
5

redykolka bryndza oscypek bunc zentyca

lista Oznaczen Geograficznych 2016 08 10  
Source: <https://danepubliczne.gov.pl> (dataset)  
Powered by ROUTE-TO-PA

0 0 4 hours ago

My Profile  
Profile Edit  
My Preferences  
Moderation Tools  
Mail Notifications  
SPOD email notification  
Sign Out

## Notify for a new created room

Only the administrator of a platform will be notified of a new created room when notifies will be enabled.

ROUTE-TO-PA What's new Members My space Agora CoCreation Blogs Events

16 1 ? EN

## SPOD email notification settings

CoCreation

Someone creates a new cocreation room Immediately Every day Every month

Someone comments in a data cocreation room Immediately Every day Every month

SAVE SETTINGS

The screenshot shows the 'SPOD email notification settings' page. In the 'CoCreation' section, there are two toggle switches. The first switch, labeled 'Someone creates a new cocreation room', is turned on (green) and set to 'Immediately'. The second switch, labeled 'Someone comments in a data cocreation room', is turned off (grey) and set to 'Immediately'. Below the switches is a 'SAVE SETTINGS' button.

### Notify for activities

Any user can enable notify via e-mail when new activity like new comment will be left in a discussion room

The screenshot shows the 'SPOD email notification settings' page with a sidebar menu on the right. The menu items are: My Profile, Profile Edit, My Preferences, Mail Notifications, SPOD email notification (which is highlighted), and Sign Out. The 'SPOD email notification' section is identical to the one in the first screenshot, showing the 'CoCreation' settings.

### 8.3 SOME FUNCTIONALITIES

- Create a New Sheet, Export CSV and Import CSV files, list of function (SUM, PRODUCT, AVG etc...).
- Collaboration on the same dataset with support of validation criteria: users can edit the same document at the same time. Everybody's changes are instantly reflected on all screens. Finally, the dataset will be published it in a new provider, named SPOD provider available for Controllet to share it in social tools (e.g., Agora, What's new).
- Each dataset can be authored providing also sources (in a shared text editor) and metadata
- When published, each dataset is accessible to build a datalet in the traditional ways (buttons in What's new, Agora's public rooms, etc.)
- Cocreation: a "View all dataset" new feature to show the datasets created and exported by groups in the cocreation data rooms, that allow to see the dataset, the notes and the link of the dataset and more..

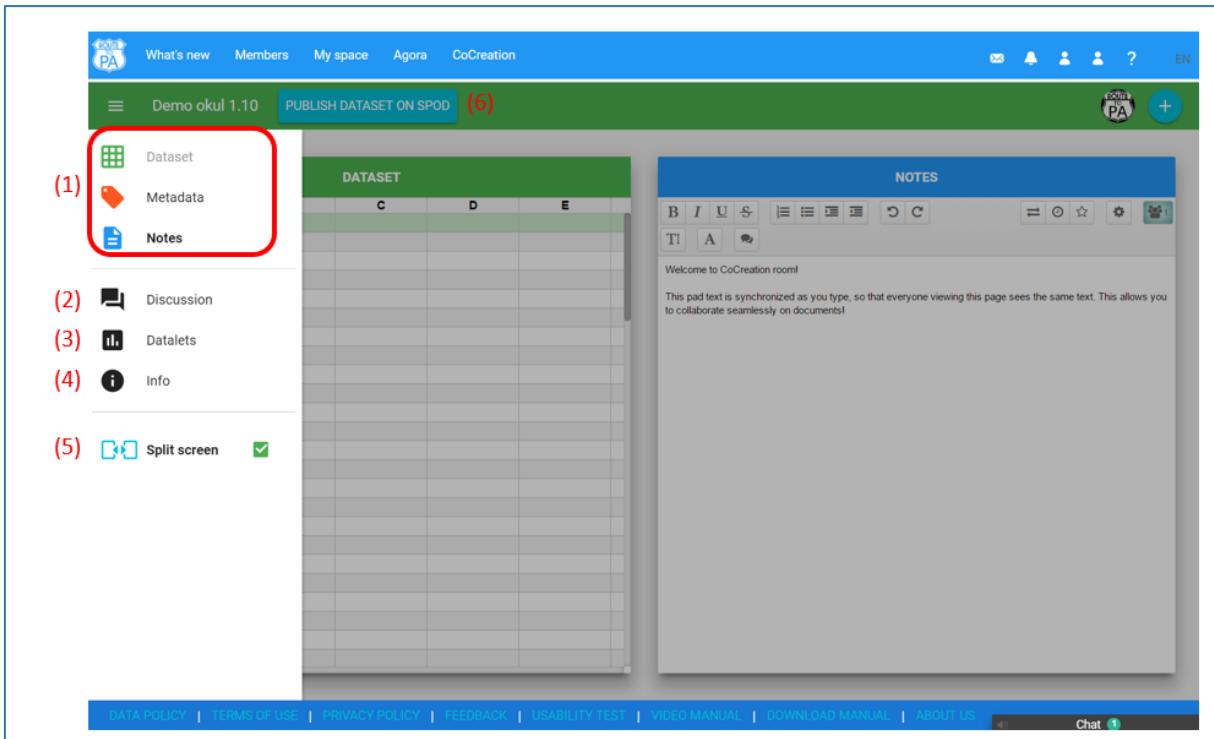


Figure 26: Create a dataset with data validation with notes and metadata for the dataset (1); social and collaborative discussion with attached file (e.g., doc, pdf and images document) (2); add a new datalet (3); show information about the room (4); customize the user interface (5), finally publish the dataset to make it available among providers of the Controllet, named SPOD provider (6).

### 8.3.1 FEATURES OF A NEW SPREADSHEET

#### 8.3.1.1 UPLOAD IMAGES

You can upload a photo from Right click Context Menu, i.e. right mouse click to select the cell and open a context menu to select “Add image”. A dialog allows to transfer images from your desktop to SPOD platform, furthermore you can drag an image from your desktop on the drop zone and a preview will be available in the spreadsheet.

ROUTETO PA What's new Members Events My space Agora CoCreation PUBLISH DATASET ON SPOD OWNER

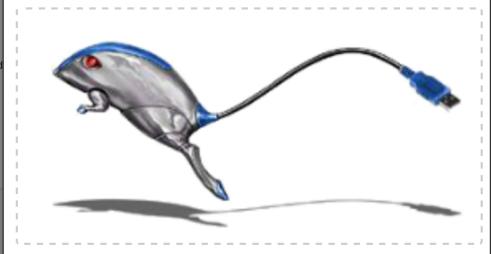
### dataset\_removal\_BkbnQ

NE INDICAZIONE SULL'OGGETTO (DESO)	Anotazioni	Bibliografia	Sitografia	DOCUMENTAZIONE	fotografia	GEOLOCALIZZAZIONE	DOCUMENTAZIONE
3 i conservazione: Manca il collo. Acroma, presenta larghi tratti di	deposita in rapporto ad un atto devazionale, riproduce forme di contenitori per derrate, oli, acqua vino ossia contenitori delle principali offerte alla divinità usati per libagioni					Assente	40.91165900... Digitale
4 iinocche e kalathos(sottogruppo b)	Questi ex voto ceramici frequenti nei santuari legati alle divinità femminili con forte connotazione ctonia, e di conseguenza legate alla fertilità ossia alla terra e all'acqua, come principali risorse della vita, sono radicalmente differenti dalle figure femminili eseguite nella pratica religiosa delle comunità indigene dell'Italia meridionale. Questi ex voto ceramici frequenti nei santuari legati alle divinità femminili con forte connotazione ctonia, e di conseguenza legate alla fertilità ossia alla terra e all'acqua, come principali risorse della vita, sono radicalmente differenti dalle figure femminili eseguite nella pratica religiosa delle comunità indigene dell'Italia meridionale. I contenitori di forma regolare, sia di ceramica a vetrice nera sia di quella acroma/ceramica da mensa e da dispensa) potevano essere utili ai pasti comuni che si dovevano svolgere nel santuario. Statua con in trono un bambino. Figure femminili in trono con bambino, (nn.43 e 44 fig.14, n.178, fig.28, nn.183-186, fig.30). I metà del V secolo a.C. La devota pone il proprio nato sotto la protezione della divinità optante ringraziando per un felice parto e la crescita in buona salute dell'infante.		Si		<a href="#">add_geo_point</a> <a href="#">add_image</a>	40.91200567... Digitale	
5 illa clava . Figura stante gravante sulla gamba destra , la sinistra è	Ercole. Nel mondo italico era una figura centrale come in quello etrusco. Proteggeva i commerci tutelava i mercanti e benediva gli scambi degli armenti e il sale.				<a href="#">http://spod.d... 5c2a-4aa9-9704-e5ea00849fd... offeren... 1527.jpg</a>	40.9119477,1... e5ea00849fd... Digitale	
conservazione: è mutilato dell'altezza del ginocchio destro e del							

Show 50 entries Search 0 of 0

ROUTETO PA What's new Members Events My space Agora CoCreation PUBLISH DATASET ON SPOD OWNER

### dataset\_removal\_BkbnQ

NE INDICAZIONE SULL'OGGETTO (DESO)	Anotazioni	Bibliografia	Sitografia	DOCUMENTAZIONE	fotografia	GEOLOCALIZZAZIONE	DOCUMENTAZIONE
3 i conservazione: Manca il collo. Acroma, presenta larghi tratti di	deposita in rapporto ad un atto devazionale, riproduce forme di contenitori per derrate, oli, acqua vino ossia					Assente	40.91165900... Digitale
4 iinocche e kalathos(sottogruppo b)	<b>Upload image</b> Select file <input type="file"/> Upload  					<a href="#">add_geo_point</a> <a href="#">add_image</a>	40.91200567... Digitale
5 illa clava . Figura stante gravante sulla gamba destra , la sinistra è	Ercole. Nel mondo italico era una figura centrale come in quello etrusco. Proteggeva i commerci tutelava i mercanti e benediva gli scambi degli armenti e il sale.				<a href="#">http://spod.d... 5c2a-4aa9-9704-e5ea00849fd... offeren... 1527.jpg</a>	40.9119477,1... e5ea00849fd... Digitale	
conservazione: è mutilato dell'altezza del ginocchio destro e del							

Show 50 entries Search 0 of 0

Screenshot of the SPOD platform showing the dataset in the CoCreation room.

**dataset\_room\_40\_BkbnQ**

Numero inventario	Bibliografia (BIB)	Sitografia	DOCUMENTAZIONE	FOTOGRAFICA	GEOLOCALIZZAZIONE	ATTUALE	AMBIENTAZIONE	FOTOGRAFICA	TIPO (F/TAP)
3	i alla terra e l'è radicata ne dell'Italia re, sia di ma ceramica da ta ai pasti tuario. Statua in trono con ; nn. 183-186. ta pone il proprio are ringrazia per e dell'infante.			Assente		40.9116590...			Digitale
4	onica a vernice ensa e da imuni che si		Si	http://spod.da... 5c2a-4aa9- 9704- e5ea00849fd... offerente. 1527.jpg		40.91200567...			Digitale
5	entrale come in elava i mercanti ile.			http://spod.da... 5c2a-4aa9- 9704- e5ea00849fd...		40.9119477,1...			Digitale
6	ccello che uperiore, zione alla ntità (III secolo a la fertilità e ca.			http://spod.da... 5c2a-4aa9- 9704- e5ea00849fd...					
7	imminili in trono ig 28; nn. 183- devota pone il		Si	http://spod.da... 5c2a-4aa9- 9704- e5ea00849fd...					

Show 50 entries

**dataset\_room\_40\_BkbnQ**

PUBLISH DATASET ON SPOD OWNER

Map view showing the location of the object (marked with a red box) in the Liceo Scientifico "Mancini" area of Irpinia, Italy.

### 8.3.1.2 IMAGES GALLERY

All uploaded images in the Cocreation data room will be available in SPOD platform in an Images Gallery, clicking on the  button.

Screenshot of the SPOD platform showing the Images gallery.

**dataset\_room\_40\_BkbnQ**

**58C04133660E7\_IMG\_1261.JPG**

The image shows a wooden sculpture of a deity or ancestor figure, standing and holding a staff or object in one hand. It is displayed against a wooden background.

Dataset

Metadata

Notes

Discussion

Datalets

**Images**

Info

Split screen

FEEDBACK | USABILITY TEST | VIDEO MANUAL | DOWNLOAD MANUAL | ABOUT US Chat 30

ROUTETO PA What's new Members My space Agora CoCreation Events 28 🔔 🚪 🔍 EN

Museo Irpino - Liceo Scientifico "Mancini" (Av)

**Dataset**

	N inventario volume	Numero di inventario (NI)	Definizione Oggetto (OGTD)	STATO (PVCS)	REGIONE (PVCR)
4	Assente	1527	Statuina oferente con kalathos	Italia	Campania
5	7	1205	Statuetta di Ercole	Italia	Campania
6	167	1555	Statuetta di Afrodite con oca	Italia	Campania
7	Assente	1543	Figura femminile in trono con bambino	Italia	Campania
8	Assente	1466	Figura femminile stante indossante una mantellina con fibula a disco	Italia	Campania

Show 50 entries ◀ 1 ▶ 2

**IMG\_20170207\_163913947\_HDR.JPG**

### 8.3.1.3 SEARCH

A search in the spreadsheet is available in the bottom right side of the page.

ROUTETO PA What's new Members Events My space Agora CoCreation 28 🔔 🚪 🔍 EN

Museo Irpino - Liceo Scientifico "Mancini" (Av) PUBLISH DATASET ON SPOD OWNER

**dataset\_reamsdf10\_BkbnQ**

	N inventario volume	Numero di inventario (NI)	Definizione Oggetto (OGTD)	STATO (PVCS)	REGIONE (PVCR)	PROVINCIA (PVCP)	COMUNE (PVCC)	CRONOLOGIA GENERICA	Motivazione cronologica (DTZG)	Materia e tecnica (MTC)	UNITA DI MISURA (MISU)	ALTEZZA (MISA)
9	26	1236	Figura maschile	Italia	Campania	Avellino	Avellino	Assente		Argilla	mm	mm.350
10	39	1490	Testa fittile di Demetra	Italia	Campania	Avellino	Avellino	V sec. a.C.	Essa risale al momento della grande floritura del manufatto artigianale indigeno.	Argilla H	mm	135
11	1181	1252	Cinturone	Italia	Campania	Avellino	Avellino	Assente		Assente	mm	80
12	5	1204	Statuetta di Marte stante	Italia	Campania	Avellino	Avellino	Inizi del IV sec. a.C.	Si può rilevare una certa affinità tra le teste dei bronzetti in questione e talune espressioni teatrali d'origine greca, in particolare, già fortemente influenzata dalla cultura greca, per le quali è stata proposta una datazione agli inizi del IV sec. a.C.	Bronzo	mm	135

Show 50 entries ◀ 1 ▶ 2

Deme

### 8.3.1.4 PAGING IN SPREADSHEET

For large datasets, all information keyed into spreadsheet can continue to a new page when needed.

Vini in Campania - Itinerario del gusto    PUBLISH DATASET ON SPOD

dataset\_maxsize151\_xrgYj

	Vino	Denominazione	Colore	Tipologia	Produttore	Descrizione Organolettica	Vitigno	Gradazione Alcolica	Certificazione	Ind.
	Vino	Denominazio...	Colore	Tipologia	Produttore	Descrizione Organolettica	Vitigno	Gradazione Alcolica	Certificazione	Ind.
1	Vino	Taurasi	Rosso	Taurasi	Agricola Boccella		100% Aglianico	D.O.C.G.	Villa Eust	
2	Taurasi	Taurasi	Rosso	Taurasi	Agricola Boccella		100% Fiano	I.G.T.	Villa Eust	
3	Casefatte	Campania	Bianco	Fiano	Agricola Boccella		100% Aglianico	D.O.C.	Villa Eust	
4	Rasott	Irpina Campi Taurasini	Rosso		Agricola Boccella	Vino dal colore giallo paglierino con sapore sapido fine ed equilibrato a lunga persistenza, dal profumo fruttato intenso, con sentori di ananas, banana e mela acerba	100% Aglianico	D.O.C.	Villa Eust	
5	Consiglio di Volpe	Galluccio	Bianco	Galluccio	Agricola San Teodoro	Aspetto visivo di un rosso rubino, con sapore sapido fine ed equilibrato a lunga persistenza, dal profumo fruttato intenso, con sentori di ciliegia, amarena e frutti di bosco.	100% Falanghina	10-11%	D.O.C.	Via F Loc.
6	Sedici	Roccamontina	Rosso	Novello	Agricola San Teodoro	Dal colore rosso rubino intenso con riflessi granato, è un vino ricco di sentori speziati di pepe nero, cuoio e tabacco, ben infusi con gli aromi del legno	75% Aglianico; 15% Cabernet Sauvignon; 10% Piedrosso	13%	I.G.T.	Via F Loc.
7	Campapietro	Galluccio	Rosso	Galluccio	Agricola San Teodoro	Colore rosa tenue, dal sentore di rose con intenso profumo fruttato; sapore morbido, delicato e vellutato.	70% Cabernet Sauvignon; 20% Aglianico; 10% Piedrosso	14%	D.O.C.	Via F Loc.
8	Rose'	Roccamontina	Rosato		Agricola San Teodoro	Vino dal colore giallo paglierino con sapore sapido fine ed equilibrato a lunga persistenza, dal profumo fruttato intenso, con sentori di ananas, banana e mela acerba	100% Falanghina	13%	I.G.T.	Via F Loc.
9	Cannizzaro	Roccamontina	Bianco	Fiano	Agricola San Teodoro	Vino dal colore giallo paglierino con sapore sapido fine ed equilibrato a lunga persistenza, dal profumo fruttato intenso, con sentori di ananas, banana e mela acerba.	75% Aglianico; 15% Cabernet Sauvignon; 10% Piedrosso	13%	I.G.P.	Via F Loc.
10	Con Tempio	Roccamontina	Rosso	Aglianico	Agricola San Teodoro	Vino di grande vivacità e freschezza, dal colore brillante, sapore pieno. Profumo vinoso intenso con leggero aroma di ciliegia.	100% Falanghina	13%	I.G.T.	Via F Loc.
11	Mater	Roccamontina	Bianco	Falanghina	Agricola San Teodoro	Vino dal colore giallo paglierino con sapore sapido e vellutato, dai profumi intensi e persistenti di ananas, vaniglia e mela acerba.	100% Falanghina	13%	I.G.T.	Via F Loc.
12	Res Capuae	Roccamontina	Bianco	Falanghina	Agricola San Teodoro	Aspetto visivo giallo paglierino dal sapore sapido e vellutato dai profumi intensi di frutti tropicali e vaniglia	100% Falanghina	13%	I.G.T.	Via F Loc.
13	Fiano	Sannio Guardia Confine	Bianco	Fiano	Aia dei Colombi		100% Fiano	13-13,5%	D.O.C.	Conf

Show 50 entries    1 2 3 4 5 6 7 8 9 ... 34

Search 0 of 0

[DATA POLICY](#) | [TERMS OF USE](#) | [FEEDBACK](#) | [USABILITY TEST](#) | [VIDEO MANUAL](#) | [DOWNLOAD MANUAL](#) | [ABOUT US](#)

Chat

### 8.3.2 A DISCUSSION ROOM

Discussion room allows to import a datalet from own private space or add a new datalet.

Gruppo 4 - Casellario Politico Giudiziario prov. di Caser...    PUBLISH DATASET ON SPOD

DATASET

Nominativo	Sesso	Città di riferimento per individuare le schede	Luogo di Nascita	Coordinate luogo di nascita	Luoghi di res...
Nominativo	Sesso	Città di riferimento per individuare le schede	Luogo di Nascita	Coordinate luogo di nascita	Luoghi di res...
1 Andreozzi Francesco	Maschio	Aversa	Aversa	40 973212,14 204928	Aversa
2 Andreozzi Renato	Maschio	Aversa	Aversa	40 973212,14 204928	Aversa
3 Barletta Angelo	Maschio	Aversa	Frosinone	41 6419807,13 3469287	Aversa
4 Bellifiori Gaetano	Maschio	Aversa	Aversa	40 973212,14 204928	Aversa
5 Berardi Luigi	Maschio	Aversa	Montemilone	41 030026,15 969266	Aversa
6 Borrelli Antonio	Maschio	Aversa	Aversa	40 973212,14 204928	Aversa
7 Candiotta Beniamino	Maschio	Aversa	Aversa	40 973212,14 204928	Atena, Aqu...
8 Capuano Mattia	Maschio	Aversa	Contrada	40 8665266,14 7760307	Aversa
9 Carpinelli Leopoldo	Maschio	Aversa	Aversa	40 973212,14 204928	Aversa
10 Catanese Angelo	Maschio	Aversa	Aversa	40 973212,14 204928	Salerno
11 Cittarella Ottavio	Maschio	Aversa	Aversa	40 973212,14 204928	Calvi Risorta
12 Corso Francesco	Maschio	Aversa	Aversa	40 973212,14 204928	Aversa
13 Corso Carmine	Maschio	Aversa	Aversa	40 973212,14 204928	Aversa
14 Corso Pasquale	Maschio	Aversa	Aversa	40 973212,14 204928	Aversa

Show 50 entries    1 2 3 4 5 6 7 8 9 ...

**DISCUSSIONE**

Buongiorno 😊 10:19 05/29

Quali campi dobbiamo compilare in Metadata? 10:20 05/29

Ecco le direttive per il completamento del dataset, di cui discuteremo durante le presentazioni dei vostri progetti di lunedì:  
1. aggiungere un campo DESCRIZIONE o BIOGRAFIA inserendo le notizie sui personaggi, almeno quelli più noti: cercare su wikipedia o altri siti/testi informazioni aggiuntive ad esempio se il personaggio osservato ha avuto una storia politica dopo il periodo di osservazione (cercare su google o in altri professionali, ecc)  
2. aggiungere un campo FOTO, ricordandovi di utilizzare solo foto libere da copyright 09:36

Ecco le direttive per il completamento del dataset, di cui discuteremo durante le presentazioni dei vostri progetti di lunedì:  
1. aggiungere un campo DESCRIZIONE o BIOGRAFIA inserendo le notizie sui personaggi, almeno quelli più noti: cercare su wikipedia o altri siti/testi informazioni aggiuntive ad esempio se il personaggio osservato ha avuto una storia politica dopo il periodo di osservazione (cercare su google o in altri professionali, ecc)  
2. aggiungere un campo FOTO, ricordandovi di utilizzare solo foto libere da copyright 10:08

Per qualsiasi problema o comunicazione non esitate a scrivervi 11:06

Stiamo riportando la presenza di schede autobiografiche e numeri busta; per quanto riguarda le prime stiamo mettendo si a chi c'è e no a chi non c'è, è forse meglio mettere presente/assente o continuare col si/no?

Aggiungi un commento... INVIARE

### 8.3.3 CREATION A DATASET TO PUBLISH IN SPOD: STEP BY STEP

- Creation a dataset with Notes and Metadata of the dataset

Screenshot of the ROUTE TO PA platform showing the creation of a dataset for publishing on SPOD.

The interface is divided into two main sections: **DATASET** and **METADATA**.

**Dataset Section:**

	Nome Torre	Descrizione	Città	Provincia	Inizio Costruzione	Fine Costruzione	Inizio Restauro	Fine Restauro
1	Nome Torre	Descrizione	Città	Provincia	Inizio Costruzione	Fine Costruzione	Inizio Restauro	Fine Restauro
2	Crestarella (o Torre del Chiatamone) (Vietri sul Mare - Sa)	La prima torre che si incontra sulla strada costiera che da Salerno conduce a Positano è quella della Crestarella o torre del Chiatamone, costruita nel 1564 e restaurata nel 1578/79. È una torre a pianta quadrata a due piani che ha subito nel corso dei secoli numerose trasformazioni che ne hanno mutato il caratteristico aspetto.	Vietri sul mare	Salerno	1564		1578	
3	Vito Bianchi (Vietri sul Mare - Sa)	Vito Bianchi è molto più grande, perché serve di difesa, attualmente adibita a caserma della Guardia di Finanza.	Vietri sul mare	Salerno	1569			
4	Seconda torre (Vietri sul mare - Sa)	Tale torre è situata all'altezza di avvistamento e di dimensioni inferiori, ed attualmente incorporata in un nuovo	Vietri sul mare	Salerno	1569			

**Metadata Section:**

"Common Core" Required Fields

- Title**: Human-readable name of the asset. Should be in plain English and include sufficient detail to facilitate search and discovery.
- Description**: Human-readable description (e.g., an abstract) with sufficient detail to enable a user to quickly understand whether the asset is of interest.
- Tags**: Tags (or keywords) help users discover your dataset; please include terms that would be used by technical and non-technical users.
- Last Update**: Most recent date on which the dataset was changed, updated or modified.
- Publisher**: The publishing entity and optionally their parent organization(s).
- Contact Name**: Contact person's name for the asset.

- Create or import a dataset

Screenshot of the ROUTE TO PA platform showing the creation of a dataset with a map-based location entry feature.

The interface is divided into two main sections: **DATASET** and a **Map View**.

**Dataset Section:**

	Inizio Restauro	Fine Restauro	Imagine	Locations	K	L	M
6				40.63726902...			
7				40.6338116526 6037.14.69204 5301198961			
8				Add a point from map			
9							

**Map View:**

A map showing a coastal route with several locations marked by blue pins. The route is highlighted in orange. The locations include Cetara, Erchie, and Piano Viesco. The map also shows local roads (e.g., SS163) and geographical features like the Tyrrhenian Sea.

Source: <http://denhaag routetop.eu>  
Powered by ROUTE TO PA

- Clicking on **+** button on the bottom right corner to add a new datalet with a data validation utility. A User Interface clean-up allows to analyse a data quality as support during the process of chart creation. A warning suggests the error type of each field of the dataset

**1 SELECT DATA**

Select the fields on the left. The table will show the values related to the selected fields.

FIELDS		SELECTED DATA			
	Tower name	Tower name	Description	Construction started	Construction ended
	Description	Tower of Cetara	On the eastern side of Cetara rises the tow...	1576	
Location		Erchie Tower	The Tower of Erchie "The Cerniola", built ...	1532	
Prov		Tower Capo Tummolo	The tower Capo Tummolo is built around ...	1570	
Construction started		Norman tower, or tower of Salicerchio	Norman tower, or tower of Salicerchio, bui...	1534	1590
Construction ended					
Lat					
Long					

- Collaborative discussion in co-creation data

What's new Members My space Agora CoCreation

Demo okul 1.10 PUBLISH DATASET ON SPOD

**DISCUSSION**

Spodadmin my first dataset and datalet! within 1 minute

0

0 1 2 3 4

DATASET						
	Nome Torre	Descrizione	Città	Provincia	Inizio Costruzione	Fine Costruzione
1	La prima torre che si incontra sulla strada costiera che da Salerno conduce a Positano è quella della cintura della torre del Chiaiamone, costruita nel 1564 e restaurata nel 1578/79. È una torre a pianta quadrata a due piani che ha subito nel corso dei secoli diverse trasformazioni che ne hanno mutato il caratteristico aspetto.	Vietri sul mare	Salerno	1564		1578
2	La torre (o tarella (o del tamone) ri sul Mare )	Vietri sul mare	Salerno			
3	Blanchi	Vietri sul mare	Salerno	1569		
4	Inda torre ri sul mare	Vietri sul mare	Salerno	1569		

DATA POLICY | TERMS OF USE | PRIVACY POLICY | FEEDBACK | USABILITY TEST | VIDEO MANUAL | DOWNLOAD MANUAL | ABOUT US

- Publish the dataset: click on the **PUBLISH DATASET ON SPOD** button on the top right corner

The screenshot shows the SPOD platform interface. On the left, there is a table titled "DATASET" with columns: Nome Torre, Descrizione, Città, Provincia, Inizio Costruzione, Fine Costruzione, and Inizio Restauro. The table contains four rows of data. On the right, there is a "DISCUSSION" panel with a message from "Spodadmin" stating "my first dataset and datalet!" posted "within 1 minute".

DATASET						
Nome Torre	Descrizione	Città	Provincia	Inizio Costruzione	Fine Costruzione	Inizio Restauro
1 me Torre	La prima torre che si incontra sulla strada costiera che da Salerno conduce a Positano è quella della Crestarella o torre del Chiatamone, costruita nel 1564 e restaurata nel 1578/79. È una torre a pianta quadrata a due piani che ha subito nel corso dei secoli numerose trasformazioni che ne hanno mutato il caratteristico aspetto.					
2 tarella (o del tamone) ri sul Mare )	Vietri sul mare Salerno 1564 1578	Vietri sul mare	Salerno	1564		1578
3 Bianchi ri sul Mare )	Vto Bianchi è molto più grande perché torre di difesa, attualmente è adibita a caserma della Guardia di Finanza	Vietri sul mare	Salerno	1569		
4 ienda torre ri sul mare )	Tale torre è adibita a torre di avvistamento e di dimensioni minori, ed attualmente incorporata in un palazzo	Vietri sul mare	Salerno	1569		

- A new dialog appears to publish the dataset on the SPOD platform, clicking the **PUBLISH DATASET ON SPOD** button on the left side

The screenshot shows a table titled "SELECTED DATA" with columns: Nome Torre, Descrizione, Città, Provincia, Inizio Costruzione, and Fine Costruzione. The table lists 22 rows of data. At the bottom, there is a search bar and a "PUBLISH DATASET ON SPOD" button.

Nome Torre	Descrizione	Città	Provincia	Inizio Costruzione	Fine Costruzione
Crestarella (o Torre del Chiatamone) (Vietri sul Mare - Sa)	La prima torre che si incontra sulla strada costiera c...	Vietri sul mare	Salerno	1564	
Vito Bianchi (Vietri sul Mare - Sa)	Vto Bianchi è molto più grande perché torre di difesa,...	Vietri sul mare	Salerno	1569	
Seconda torre (Vietri sul mare - Sa)	Tale torre è adibita a torre di avvistamento e di dime...	Vietri sul mare	Salerno	1569	
Torre Cetara (Cetara - Sa)	Sul lato orientale della marina di Cetara sorge la torr...	Cetara	Salerno	1576	
Torre di Erchie (Erchie - Sa)	Anche il sistema difensivo di Erchie era costituito da...	Maiori	Salerno	1532	
Torre CapoTumolo (Erchie - Sa)	Edificata intorno al 1570 oggi quasi totalmente distr...	Maiori	Salerno	1570	
Torre Lama del Cane (Erchie-Maiori (Sa))	La torre Lama del Cane costruita intorno al 1532-33...	Maiori	Salerno	1532	1533
Torre Badia (Erchie - Maiori (Sa))	La torre Badia, anch'essa a due piani, costruita int...	Maiori	Salerno	1570	
Torre Cesare (Maiori - Sa)	La torre Cesare a pianta quadrata a tre piani, cost...	Maiori	Salerno	1532	1533
Torre Normanna (Maiori - Sa)	La torre Normanna costruita tra il 1534-90 a due pia...	Maiori	Salerno	1534	1590
Torre Mezzacapo (Maiori -Sa)	Torre Mezzacapo stata costruita nel 1584 ad un s...	Maiori	Salerno	1584	
Torre Paradiso (Minori -Sa)	Torre Paradiso restano attualmente solo i muri perim...	Minori	Salerno	1564	1599
Seconda torre (Minori- Sa)		Minori	Salerno	1565	
Terza torre (Maiori -Sa)		Minori	Salerno	1584	
Torre dello ScarpaIello (Ravello - Sa)	La torre dello ScarpaIello denominata anche Ficarol...	Ravello	Salerno	1533	
Torre d'Atrani (Atrani - Sa)	La torre d'Atrani a pianta circolare costruita tra il 154...	Atrani	1544	1549	
Torre dello Ziro (Amalfi -Sa)	La torre dello Ziro, sulla collina che domina Amalfi, f...	Amalfi		1278	

SPOD provider makes available the created dataset to publish and share in social space (e.g., Agora, What's new), clicking on the "FROM COCREATED" tab of the Controllet

**1 SELECT DATASET**

Select a dataset from the list or copy and paste the url of dataset.

FROM PROVIDERS	FROM COCREATED	FROM EXTENDED SEARCH
Version: Show last	(i)	
Demo 1.7		
Wifi Prato		
Voters for Brexit by age		
<b>Humidity of 2016</b>		
Average temp		
Prova		
Example dataset		
Test room		

Showing 1 to 8 of 8 datasets

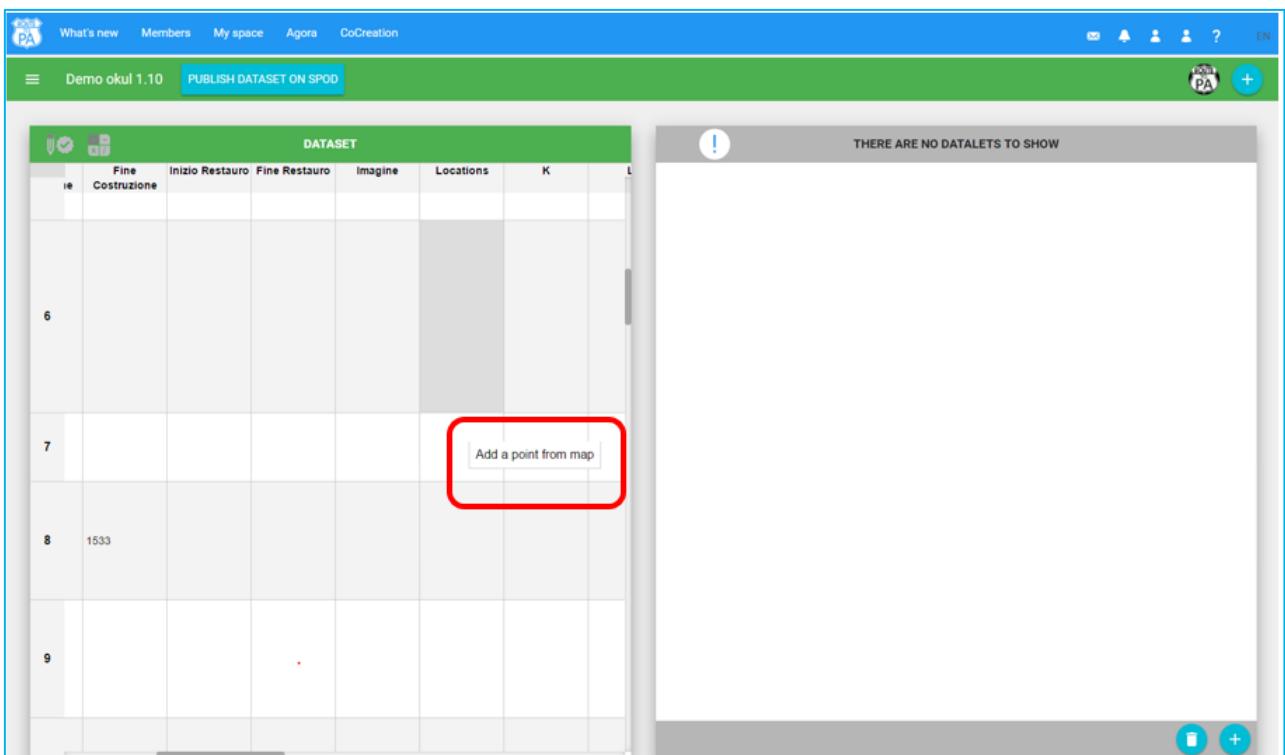
Selected url:  
[http://spod.routetopa.eu/cocreation/ajax/get-dataset-by-room-id-and-version/?room\\_id=4&version=2](http://spod.routetopa.eu/cocreation/ajax/get-dataset-by-room-id-and-version/?room_id=4&version=2)

**Humidity of 2016**

users:   
version: 2  
title: Humidity of 2016  
description: The first 5 months of 2016 are covered, by personal observations  
tags:  
last\_updates:  
publisher:  
contact\_name:  
contact\_email:  
unique\_identifier:  
public\_access\_level:

#### 8.3.4 DATA COCREATION: ADD INTERACTIVE MAP

Click on the cell with the right click of the mouse, the “Add a point from the map” button appears.



The screenshot shows a web-based application interface for managing datasets. At the top, there's a navigation bar with links like "What's new", "Members", "My space", "Agora", and "CoCreation". Below the navigation is a green header bar with the text "Demo okul 1.10" and "PUBLISH DATASET ON SPOD". The main area contains a table titled "DATASET". The table has columns labeled "ID", "Fine Costruzione", "Inizio Restauro", "Fine Restauro", "Imagine", "Locations", "K", and "L". Rows are numbered 6, 7, 8, and 9. In the "Locations" column of row 7, there is a small red rectangular button with the text "Add a point from map". This button is highlighted with a red box. To the right of the table, a sidebar displays the message "THERE ARE NO DATALETS TO SHOW".

Figure 27: select a cell and mouse right click to appear “Add a point from the map” button

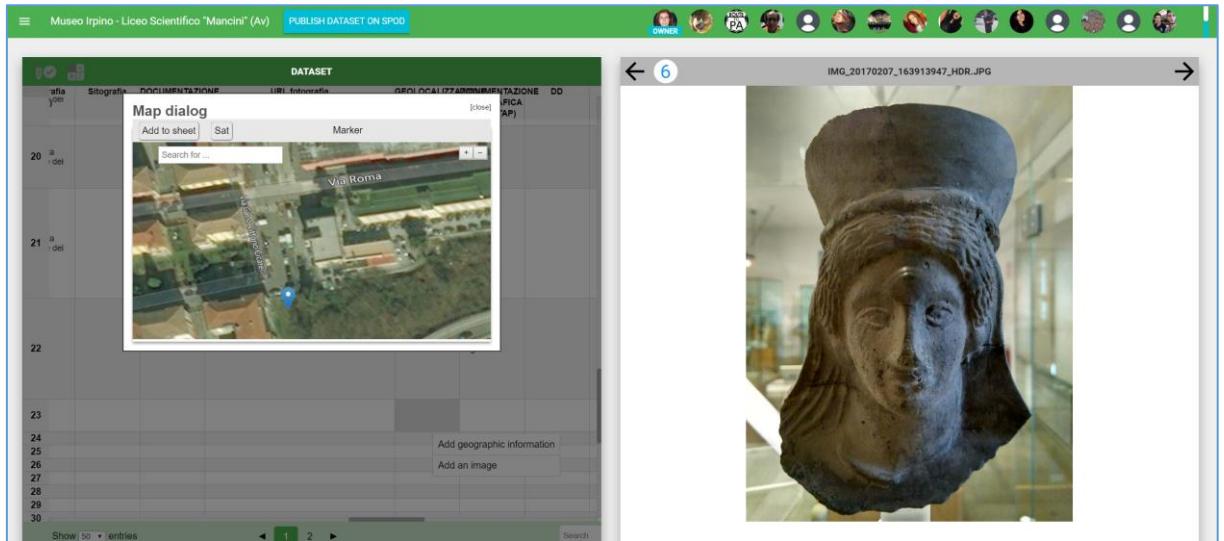


Figure 28: Search box on the left top side with autocomplete

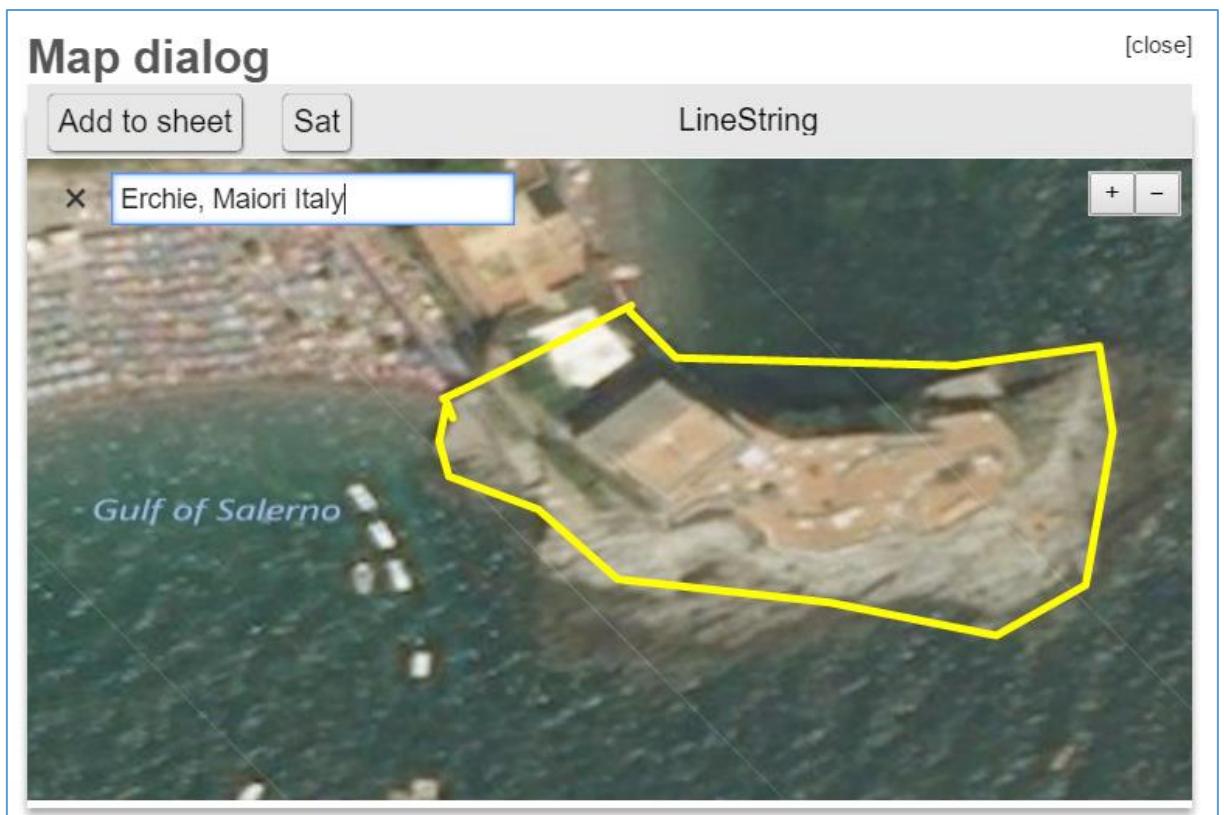


Figure 29: Customize the map

2

## SELECT VISUALIZATION

ADD

Select a visualization, fill out inputs and options.

Tree Map

Map

Geojson Map

**BASE INFO**

Title  
Amalphi Coast

Description  
Cerniola Tower (Erchie- Sa)

i
i

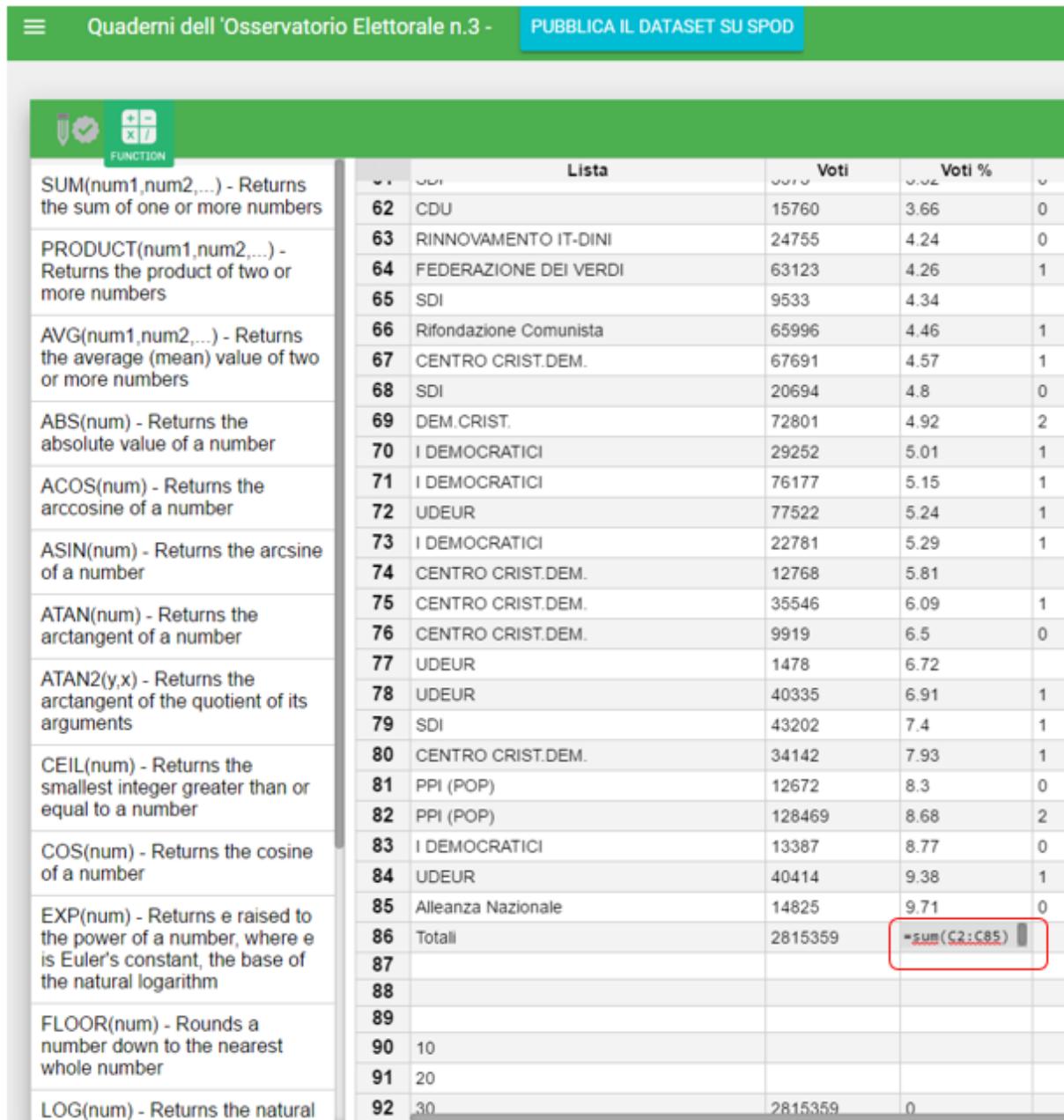
INPUTS	OPTIONS
GEOJSON GeoJson	▲ ▼ <span style="color: #0072bc; font-size: 0.8em;">i</span>
GEOJSON CONTENT Description	▲ ▼ <span style="color: #0072bc; font-size: 0.8em;">i</span>
GEOJSON CONTENT Province	▲ ▼ <span style="color: #0072bc; font-size: 0.8em;">i</span>

DATALET PREVIEW
DATALET INFO

Figure 30: Add a datalet with a custom map

### 8.3.5 FUNCTION IN SPREADSHEET

Click on  “Views Functions” button on the left top side of the sheet and new functions list appears. Each column is named with A, B, C etc, here an example to sum all values in the third column: =sum(C2:C85).



The screenshot shows a Google Sheets spreadsheet with the following data:

	Lista	Voti	Voti %
62	CDU	15760	3.66
63	RINNOVAMENTO IT-DINI	24755	4.24
64	FEDERAZIONE DEI VERDI	63123	4.26
65	SDI	9533	4.34
66	Rifondazione Comunista	65996	4.46
67	CENTRO CRIST.DEM.	67691	4.57
68	SDI	20694	4.8
69	DEM.CRIST.	72801	4.92
70	I DEMOCRATICI	29252	5.01
71	I DEMOCRATICI	76177	5.15
72	UDEUR	77522	5.24
73	I DEMOCRATICI	22781	5.29
74	CENTRO CRIST.DEM.	12768	5.81
75	CENTRO CRIST.DEM.	35546	6.09
76	CENTRO CRIST.DEM.	9919	6.5
77	UDEUR	1478	6.72
78	UDEUR	40335	6.91
79	SDI	43202	7.4
80	CENTRO CRIST.DEM.	34142	7.93
81	PPI (POP)	12672	8.3
82	PPI (POP)	128469	8.68
83	I DEMOCRATICI	13387	8.77
84	UDEUR	40414	9.38
85	Alleanza Nazionale	14825	9.71
86	Totali	2815359	0
87			
88			
89			
90	10		
91	20		
92	30	2815359	0

## 9 INTERACTION BETWEEN SPOD AND TET

The following services are provided, although visible only on TET side:

- “Get public rooms where a dataset is used in discussion”: list of rooms where a dataset imported from TET is used and showing the following information for each room: title, summary, number of view, number of comments, number of open data, creation and timestamp
- “Save to my Space” feature: A datalet created with pivot table in TET will be imported in “My space”, a personal space of SPOD.

### 9.1.1.1 ROOMS USING A DATASET

When a user is browsing through a dataset details in TET 2.0, he is also presented with a list of Agora Rooms from SPOD where that dataset is used in form of a datalet. The picture below shows that the dataset “Punti Wi-Fi ad accesso libero Del Comune di Prato e della Provincia di Prato” is being used for discussion in a room called “Ampliamento della rete Prato free Wi-Fi”.



### 9.1.1.2 ROOM SUMMARY

For each room listed by the DataFlow “Rooms using a dataset”, SPOD also exports another DataFlow called “Room summary”. In the same example as above, TET can also display a preview of the room:

## Discussions at SPOD

### > Ampliamento della rete Prato free Wi-Fi



Elena Palmisano

Ciao Massimiliano, ti invito nella stanza di cocrazione sul wi-fi, così puoi aggiungere personalmente le postazioni che ritieni utili, insieme alle motivazioni.



Massimiliano Giunta

Oppure nei giardini di via Baracca! Sarebbe utile che ci fosse un hotspot wifi che coprisse l'area dove si trova il bocciodromo. Così come sarebbe interessante avere un'area wifi lungo la ciclabile di viale Galilei. Questa potrebbe unirsi ad una possibile futura area wifi lungo il Bisenzio (come suggeriva Riccardo). Un'altra area wifi molto utile sarebbe in piazza

vede che lì c'è quella della Circoscrizione Ovest, anche lì un hot spot del wifi sarebbe utile, al momento non risulta ce ne siano.



Elena Palmisano

Gli impianti sportivi più vicini sono quelli del Luca Conti, forse potrebbe essere più utile mettere un hot spot lì vicino, visto che piazza/via Pietri mi sembra più una zona solo residenziale.

[Join the discussion](#)

In the picture above, SPOD exports a list of comments, authors and avatars from the Agora Room. The user can reach the discussion on SPOD just by clicking on the Room title ("Ampliamento della rete Prato free Wi-Fi") or by clicking on the link "Join the discussion".

#### User not logged

In SPOD platform, a discussion room appears with a login windows to register for an user not logged

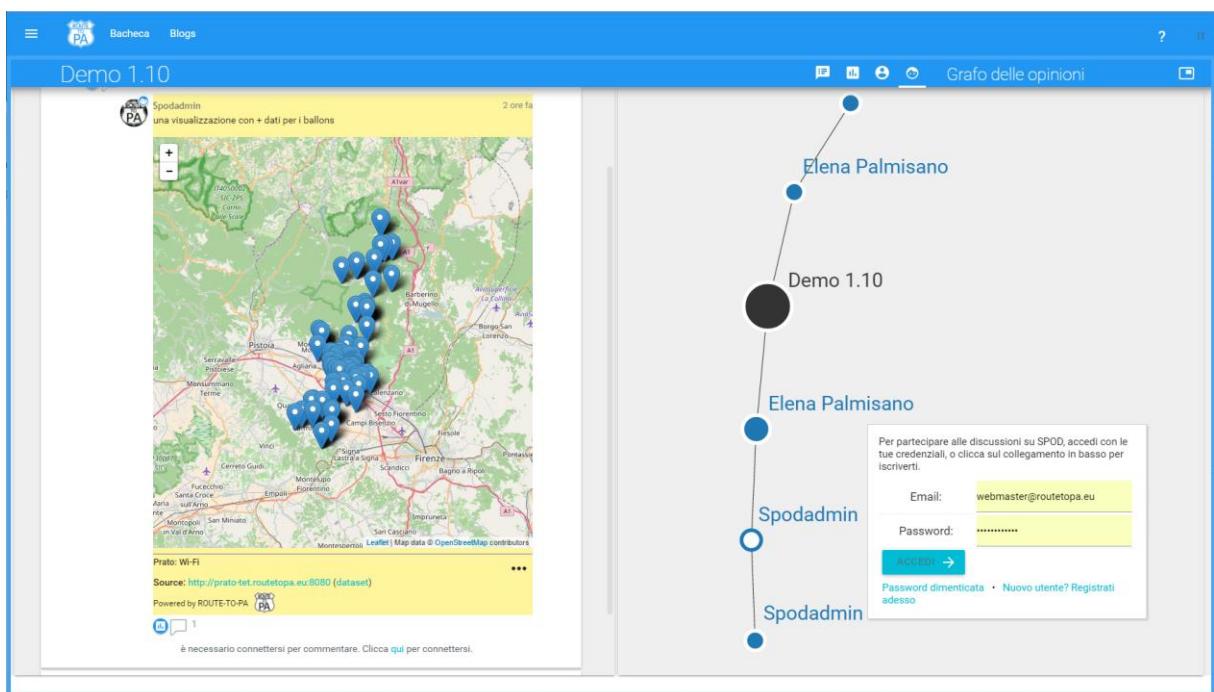
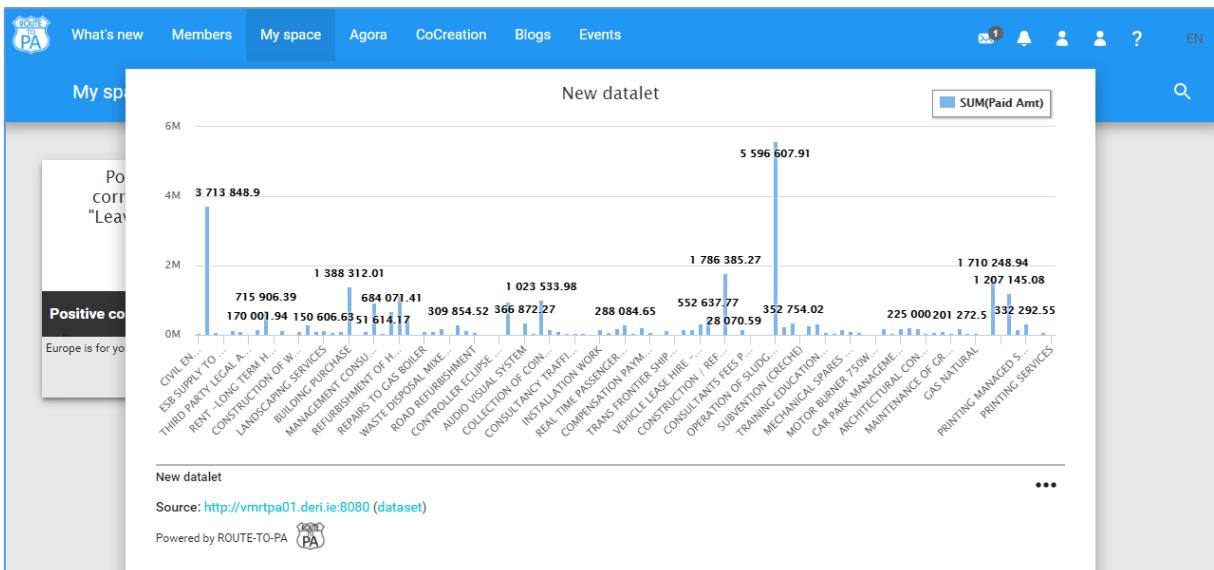
The screenshot shows a SPOD interface with a sidebar on the left containing a comment section titled "Demo 1.10". The comments are from users "Elena Palmisano" and "Spodadmin". Below the sidebar is a social network graph where nodes represent users and connections represent interactions. A red box highlights a login form on the right side of the interface.

#### 9.1.1.3 IMPORT DATALET

Users have the ability to create Pivot tables on datasets in TET. The generated Pivot Table can be seen as a derived dataset, and can be exported into user's "My Space" area of SPOD. The example below shows a Pivot Table created in TET (notice the "Export to SPOD" button) and the resulting datalet in the user's "My Space" in SPOD.

The screenshot shows a dataset abstract page for "DDC\_PromptPayment2013QTR2.csv". It includes a "Pivot Table" view, export options ("Export to SPOD"), and a table showing vendor names and paid amounts.

Vendor Name	Id	Paid Amt
ARCHITECTURAL PROFESSIONAL SERVICES		112,017.65
ATTIC INSULATION WORKS		96,047.35
AUDIT FEES		21,403.40
BUILDING PURCHASE		1,388,312.01
CATERING		50,779.44
CCTV CAMERA		34,620.20



## 10 COMMUNICATION BETWEEN OPENDATASOFT AND SPOD

SPOD platform accesses datasets published on open data portal across Europe as Issy-les-Moulineaux (<https://data.issy.com/page/home/>, Open Data Portal, powered by OpenDataSoft).

### 10.1 ISSY-LES-MOULINEAUX IN SPOD

Issy-les-Moulineaux opens public datasets made available by the Open Data portal (<http://data.issy.com/>) and all data include several categories.

The screenshot shows the homepage of the DATA ISSY.COM website. At the top, there is a banner featuring a building and the text "Ville d'Issy-les-Moulineaux". Below the banner, there is a navigation bar with links for "Data", "Create a map", "Create a graph", "API", "Our approach", "Twitter", "Contact", and a search bar. Below the navigation bar, there is a section titled "Explore data" with icons representing different data types: bank, chart, leaf, grid, buildings, person, graduation cap, house, and person. There is also a "Find..." search bar. On the left, there is a section titled "Last modifications" listing recent dataset updates. In the center, there is a section titled "Most popular data" listing datasets with the most downloads. On the right, there is a section titled "Last reuses" listing datasets that have been reused recently. The overall layout is clean and modern, designed to be user-friendly for exploring open data.

In SPOD platform, a new discussion can start on the selected dataset and visualise a specific chart starting a discussion on Open Data. To post a new chart and a comment, e.g., in “*Quoi de nouveau?*” page, by clicking on the “*Quoi de neuf aujourd’hui?*” text:

The screenshot shows a new discussion post form titled "fil de nouvelles". The form has a text input field asking "Quoi de neuf aujourd’hui ?" and a "REVOIR" button. Below the input field, there are several icons for interacting with the post: a plus sign, a location pin, a chart, and a reply icon. To the right of these icons is a blue "ENVOYER" button with a right-pointing arrow. The overall design is clean and modern, with a focus on user interaction.

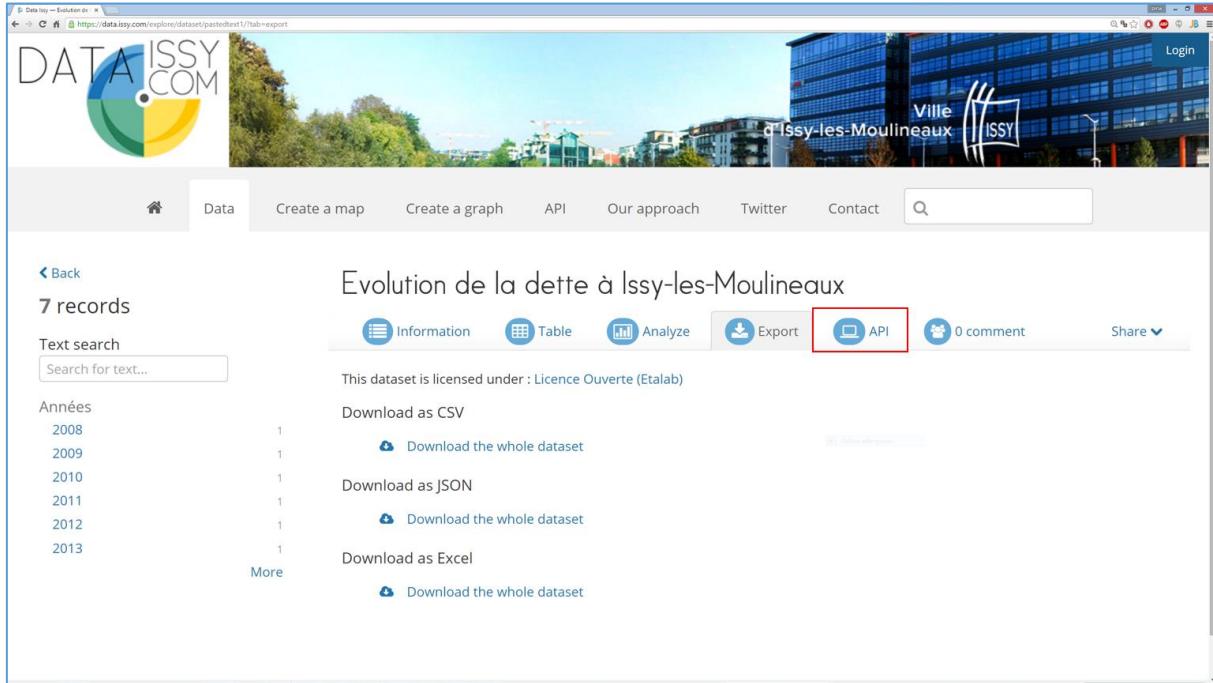
In SPOD platform, clicking on button, a wizard of the Controllet allows to visualize the dataset:

The screenshot shows a dataset selection wizard titled "SÉLECTIONNER UN JEU DE DONNÉES". The wizard has three tabs: "DATASET DE PROVIDER", "DATASET COCRÉE", and "RECHERCHE AVANCÉE". The "DATASET DE PROVIDER" tab is active, showing a dropdown menu set to "Tout". Below the dropdown are several dataset options listed in a scrollable list. The first option is "Les dépenses de fonctionnement par types de services à la population". The second option is "Déchetteries fixes de Grand Paris Seine Ouest". The third option is "Liste des établissements scolaires à Issy-les-Moulineaux". The fourth option, "Les panneaux électroniques d'information à Issy-les-Moulineaux", is highlighted with a blue background. Other options include "Structure des recettes d'investissement", "Les cimetières et pompes funèbres à Issy-les-Moulineaux", "Résultats des exercices budgétaires à Issy-les-Moulineaux", and "Evolution de la Dotation Globale de Fonctionnement versée à Issy-les-Moulineaux". To the right of the list, there is a "INFORMATIONS SUR DATASET" panel with text and a street view image of a street in Issy-les-Moulineaux. At the bottom of the wizard, there is a footer with a "Aperçu 1 à 20 de 949 dataset" link, a "Rechercher" search bar, and a URL "https://data.issy.com/api/records/1.0/search?dataset=les-panneaux-lumineux-a-issy-les-moulineaux".

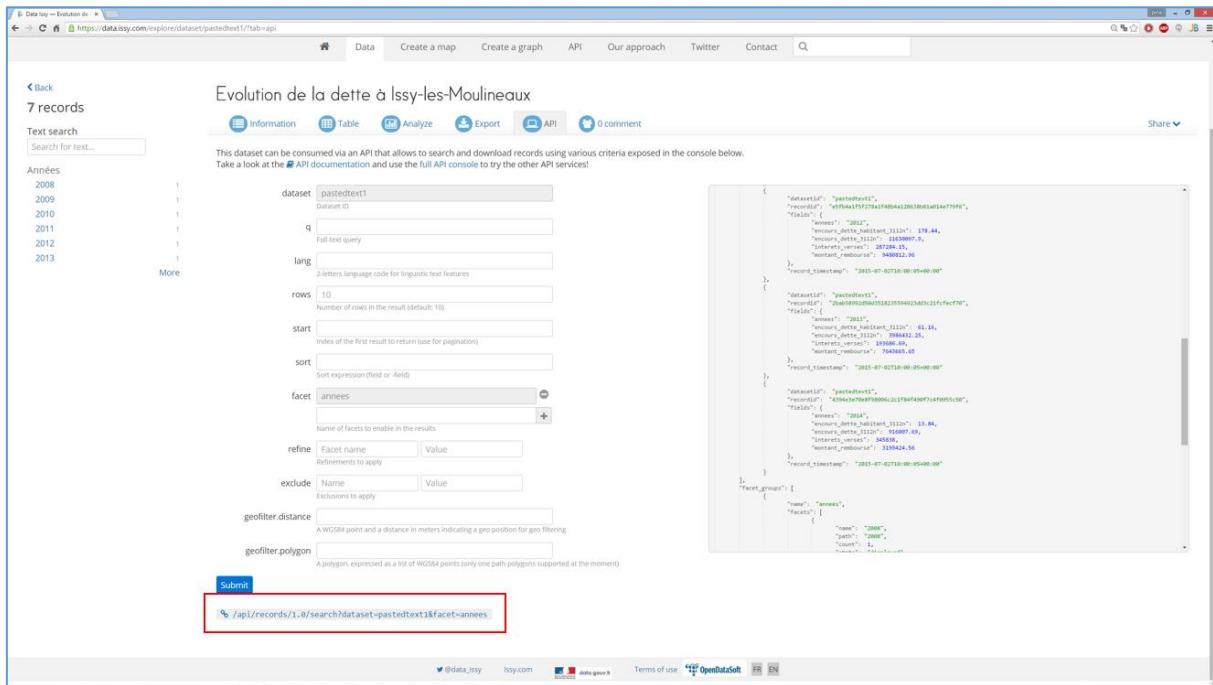
Another way (“remote address”) is to add a new dataset by clicking on “Selected URL” text to import a chosen dataset:



- Search an Open Data portal with a data catalogue with OpendataSoft web API (e.g., portal Open data portal of the Issy (France), <https://data.issy.com/>).
- The Open Data portal offers Data API to use in SPOD, by clicking on the  button and the address for SPOD on the bottom of the web page



The screenshot shows the Data Issy website interface. At the top, there's a navigation bar with links for 'Data', 'Create a map', 'Create a graph', 'API', 'Our approach', 'Twitter', and 'Contact'. A search bar is also present. Below the navigation, there's a banner featuring a building with 'Ville d'Issy-les-Moulineaux' and 'ISSY' on it. The main content area displays a dataset titled 'Evolution de la dette à Issy-les-Moulineaux' with 7 records. It includes a 'Text search' field, a facet for 'Années' (years) from 2008 to 2013, and download options for 'Information', 'Table', 'Analyze', 'Export', and 'API'. The 'API' button is highlighted with a red box.



This screenshot shows the same website but with the API search interface open. It includes fields for 'dataset' (set to 'pastedtext1'), 'q' (a full-text query), 'lang' (language code), 'rows' (number of rows, set to 10), 'start' (index of the first result), 'sort' (sort expression), 'facet' (facet name, set to 'annees'), 'refine' (facets to refine), 'exclude' (facets to exclude), 'geofilter.distance' (geo filter distance), and 'geofilter.polygon' (geo filter polygon). On the right, the results are displayed as JSON. At the bottom, there's a 'Submit' button and a link to the API documentation: <https://data.issy.com/api/records/1.0/search?dataset=pastedtext1&facet=annees>. This URL is also highlighted with a red box.

In the SPOD platform, copy and paste the url address:

*Try a datalet with the following API:*

---

["https://data.issy.com/api/records/1.0/search?dataset=pastedtext1&sort=-annees&facet=annees"](https://data.issy.com/api/records/1.0/search?dataset=pastedtext1&sort=-annees&facet=annees)

---

**1 SÉLECTIONNER UN JEU DE DONNÉES**

Rechercher ou copier/coller l'url du jeu de données.

DATASET DE PROVIDER		DATASET COCRÉE	RECHERCHE AVANCÉE
Provider: Tout	?		
Les dépenses de fonctionnement par types de services à la population Déchèteries fixes de Grand Paris Seine Ouest Liste des établissements scolaires à Issy-les-Moulineaux <b>Les panneaux électroniques d'information à Issy-les-Moulineaux</b> Structure des recettes d'investissement Les cimetières et pompes funèbres à Issy-les-Moulineaux Résultats des exercices budgétaires à Issy-les-Moulineaux Evolution de la Dotation Globale de Fonctionnement versée à Issy-les-Moulineaux			
<b>INFORMATIONS SUR DATASET</b> Où sont-ils à Issy? Combien sont-ils? Le jeu de données permet de localiser les panneaux. Un lien vers street view permet de voir le panneau dans la ville. Un autre lien vers le site <a href="http://www.kiwiplus.fr/">http://www.kiwiplus.fr/</a> permet de visualiser les messages en cours de diffusion (selectionner Issy-les-Moulineaux).			
			
Aperçu 1 à 20 de 949 dataset < > Rechercher			
API URL sélectionnée <a href="https://data.issy.com/api/records/1.0/search?dataset=pastedtext1&amp;sort=annees&amp;facet=annees">https://data.issy.com/api/records/1.0/search?dataset=pastedtext1&amp;sort=annees&amp;facet=annees</a>			

**2 SÉLECTIONNER DES DONNÉES**

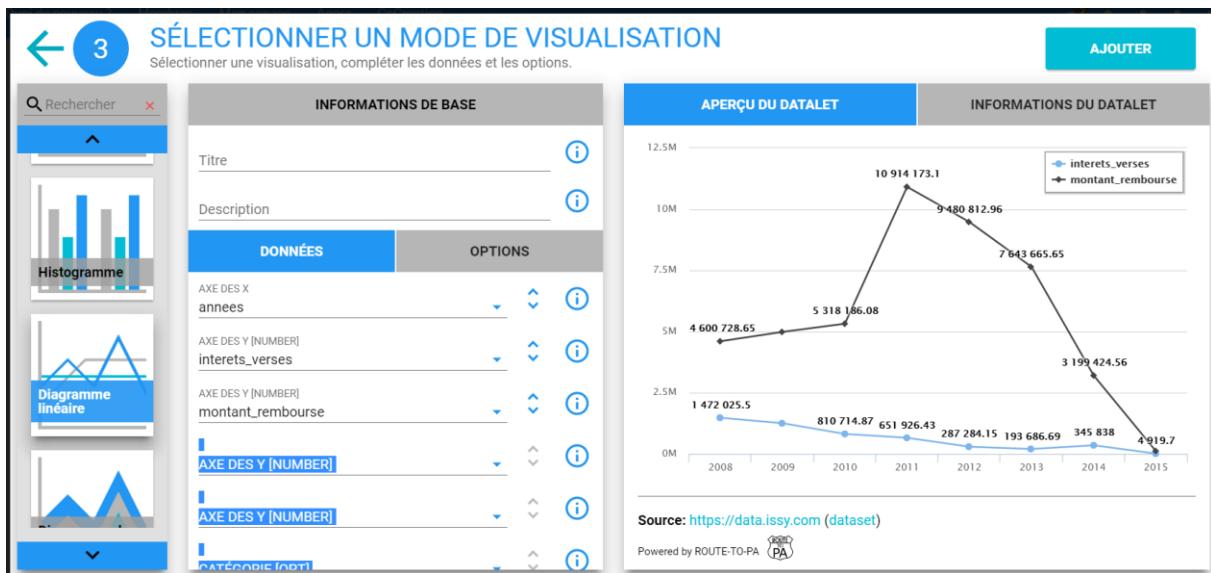
Sélectionner les champs sur la gauche. Le tableau présentera les valeurs liées aux champs sélectionnés.

CHAMPS		DONNÉES SÉLECTIONNÉES			
<b>annees</b>	annees	encours_dette_3112n	encours_dette_habitant_3112n	interets_verses	montant_rembourse
<b>encours_dette_3112n</b>	2008	31232193.65	502.33	1472025.5	4600728.65
<b>encours_dette_habitant_3112n</b>	2009	26249015.46	422.18	1246947.75	4983178.19
<b>interets_verses</b>	2010	20930829.38	336.64	810714.87	5318186.08
<b>montant_rembourse</b>	2011	16116714.95	259.22	651926.43	10914173.1
	2012	11630097.9	178.44	287284.15	9480812.96
	2013	3986432.25	61.16	193686.69	7643665.65
	2014	916007.69	13.84	345838	3199424.56
	2015	808249.77	12.21	4919.7	107757.92
Aperçu 1 à 8 de 8 rangées < > Rechercher					
MODE EXPERT					

**3 SÉLECTIONNER UN MODE DE VISUALISATION**

Sélectionner une visualisation, compléter les données et les options.

INFORMATIONS DE BASE		APERÇU DU DATALET	INFORMATIONS DU DATALET
Titre Description <b>DONNÉES</b> <b>OPTIONS</b> AXE DES X AXE DES Y [NUMBER] AXE DES Y [NUMBER] AXE DES Y [NUMBER] AXE DES Y [NUMBER] CATÉGORIE [OPT]		 <b>Diagramme linéaire</b> Un diagramme linéaire est un graphique qui propose des informations sous forme d'une série de points de données appelés des 'marqueurs', reliés entre eux pour former des lignes continues. Un diagramme linéaire est souvent utilisé pour visualiser une tendance dans les données en parallèle avec des périodes de temps données.	<b>AJOUTER</b> <b>DONNÉES</b> <ul style="list-style-type: none"> <li>AXE DES X</li> <li>L'axe des x.</li> <li>AXE DES Y</li> <li>L'axe des y.</li> <li>CATÉGORIE</li> </ul> La catégorie qui sépare les valeurs de l'axe des x. Si sélectionné, seulement le premier axe des y sera considéré. <b>OPTIONS</b> <ul style="list-style-type: none"> <li>Label de l'Axe des X</li> <li>Le label de l'axe des x.</li> </ul>



## 10.2 A NEW PORTAL (REMOTE DATASET)

Région Île-de-France opens public datasets made available by the Open Data portal (<http://data.iledefrance.fr/>) and all data include several categories.

In SPOD platform, a new discussion can start on the selected dataset and visualise a specific chart starting a discussion on Open Data. To post a new chart and a comment, e.g., in “Quoi de nouveau?” page, by clicking on the “Quoi de neuf aujourd’hui?” text:

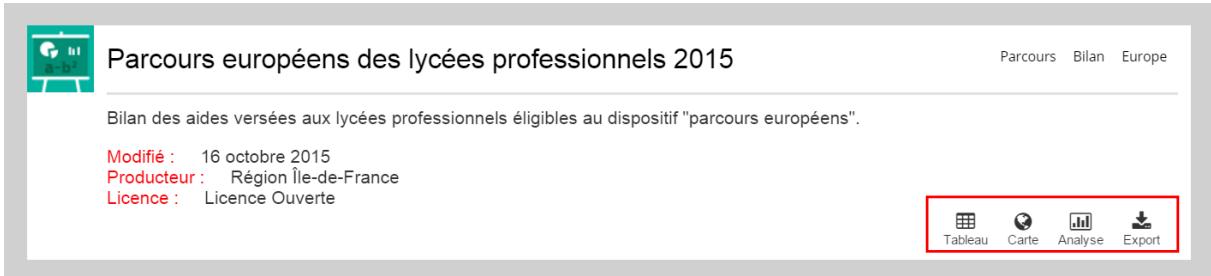
fil de nouvelles

Quoi de neuf aujourd'hui ?

ENVOYER →

Add a remote datalet (“remote address”) clicking on “Selected url” text to import a chosen dataset

- Search an Open Data portal with a data catalogue with OpendataSoft web API (e.g., portal Open data portal ) and clicking on  button



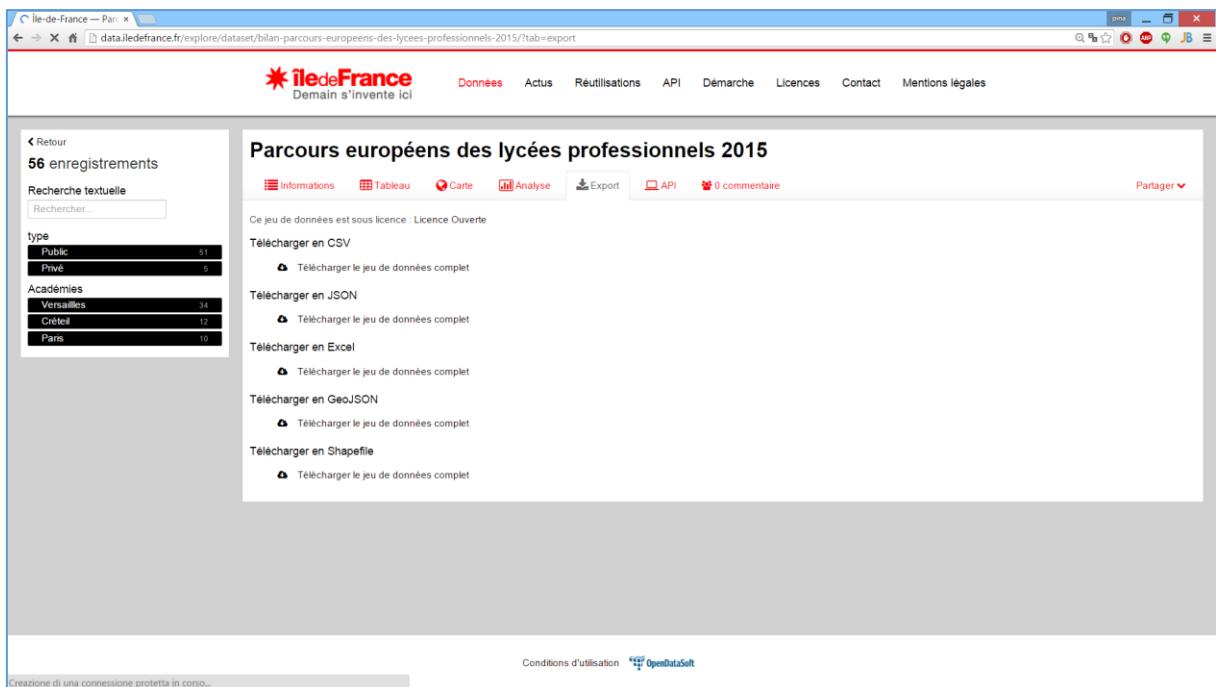
**Parcours européens des lycées professionnels 2015**

Bilan des aides versées aux lycées professionnels éligibles au dispositif "parcours européens".

Modifié : 16 octobre 2015  
 Producteur : Région Île-de-France  
 Licence : Licence Ouverte

Tableau    Carte    Analyse    **Export**

- The Open Data portal offers Data API to use in SPOD, by clicking on the  API button and the address for SPOD on the bottom of the web page



**Parcours européens des lycées professionnels 2015**

Informations    Tableau    Carte    Analyse    Export    API    0 commentaire

Télécharger en CSV

Télécharger en JSON

Télécharger en Excel

Télécharger en GeoJSON

Télécharger en Shapefile

Partager

Conditions d'utilisation    OpenDataSoft

Île-de-France — List

383 enregistrements

Recherche textuelle

Rechercher :

Tranche budgétaire

20 000 à 90 000 euros HT	137
90 000 à 5 186 000 euros HT	118
207 000 euros HT et plus	52
90 000 à 207 000 euros HT	51
5 000 000 euros HT et plus	5

Nature

Service	295
Travaux	161
Fournitures	17

Informations Tableau Analyse Export API Commentaire Partager

Ce jeu de données peut être utilisé via une API qui autorise la recherche et le téléchargement d'enregistrements par plusieurs critères, exposés ci-dessous. Vous pouvez également consulter la documentation de l'API, et utiliser l'API console complète pour découvrir et essayer les autres services d'API.

dataset : liste-marches-conclus-en-2014

ID du jeu de données

q :

Test de la requête

lang :

Code langue de 2 lettres

rows : 10

Nombre de lignes de résultat (10 par défaut)

start :

Index du premier résultat renvoyé (utilisé pour la pagination)

sort :

Colonne de tri (champ ou -champ)

facet : tranche\_budgétaire

nature

+ Nom des facettes à activer dans les résultats

refine : Nom de la facette : Valeur

Références à prendre en compte

exclude : Nom : Valeur

Exclusions à prendre en compte

geofilter distance :  Un point WGS84 et une distance en mètres pour le géofiltrage

geofilter polygon :  Un polygone formé par une liste de points WGS84 (un seul polygone pour le moment)

Submit

/api/records/1.0/search?dataset=liste-marches-conclus-en-2014&facet=tranche\_budgétaire&facet=nature

Conditions d'utilisation OpenDataSoft

```
{
  "init": {
    "parameters": {
      "dataset": "liste-marches-conclus-en-2014"
    },
    "resources": [
      "dataset"
    ],
    "responses": [
      "JSON"
    ],
    "format": "json"
  },
  "records": [
    {
      "datasetid": "liste-marches-conclus-en-2014",
      "recordid": "37464642748f2b2fe3200000000000000",
      "fields": {
        "id": "37464642748f2b2fe3200000000000000",
        "dataset_id": "liste-marches-conclus-en-2014",
        "dataset_label": "Marché d'entretien, pilotage et coordination dans le cadre de la restructuration du service de restauration du lycée Jacques Brel à la Courneuve (93)",
        "code_marche": "03000000000000000000000000000000",
        "nature": "Service",
        "tranche_budgétaire": "20 000 à 90 000 euros HT",
        "date_de_notification": "2014-05-09",
        "montant_ht": "20 000",
        "attributaire": "CITE INGENIERIE"
      },
      "record_timestamp": "2015-10-16T00:05:11+00:00"
    },
    {
      "datasetid": "liste-marches-conclus-en-2014",
      "recordid": "400ffca1a09f9379a7a221fd4ab3bca113673",
      "fields": {
        "id": "400ffca1a09f9379a7a221fd4ab3bca113673",
        "dataset_id": "liste-marches-conclus-en-2014",
        "dataset_label": "Marché maîtrise d'œuvre BPAI Corniche des Forts",
        "code_marche": "03000000000000000000000000000000",
        "nature": "Service",
        "tranche_budgétaire": "20 000 à 90 000 euros HT",
        "date_de_notification": "2014-05-17",
        "montant_ht": "20 000",
        "attributaire": "ANTEA GROUP"
      }
    }
  ]
}
```

Try a datalet with the following address:

<http://data.iledefrance.fr/api/records/1.0/search?dataset=bilan-parcours-europeens-des-lycees-professionnels-2015&facet=type&facet=academies>

and a wizard help you to visualize the selected datasets:

**1 SÉLECTIONNER UN JEU DE DONNÉES**

Rechercher ou copier/coller l'url du jeu de données.

DATASET DE PROVIDER	DATASET COCRÉE	RECHERCHE AVANCÉE
Provider: Tout		
Les dépenses de fonctionnement par types de services à la population Déchèteries fixes de Grand Paris Seine Ouest Liste des établissements scolaires à Issy-les-Moulineaux <b>Les panneaux électroniques d'information à Issy-les-Moulineaux</b> Structure des recettes d'investissement Les cimetières et pompes funèbres à Issy-les-Moulineaux Résultats des exercices budgétaires à Issy-les-Moulineaux Evolution de la Dotation Globale de Fonctionnement versée à Issy-les-Moulineaux	<b>INFORMATIONS SUR DATASET</b> Où sont-ils à Issy? Combien sont-ils? Le jeu de données permet de localiser les panneaux. Un lien vers street view permet de voir le panneau dans la ville. Un autre lien vers le site <a href="http://www.kiwiplus.fr/">http://www.kiwiplus.fr/</a> permet de visualiser les messages en cours de diffusion (sélectionner Issy-les-Moulineaux).	
Aperçu 1 à 20 de 949 dataset < > Rechercher		
API URL sélectionnée <a href="http://data.iledefrance.fr/api/records/1.0/search?dataset=bilan-parcours-europeens-des-lycees-professionnels-2015&amp;facet=type&amp;facet=academies">http://data.iledefrance.fr/api/records/1.0/search?dataset=bilan-parcours-europeens-des-lycees-professionnels-2015&amp;facet=type&amp;facet=academies</a>		

**2 SÉLECTIONNER DES DONNÉES**

Sélectionner les champs sur la gauche. Le tableau présentera les valeurs liées aux champs sélectionnés.

CHAMPS	DONNÉES SÉLECTIONNÉES
complement	
consommation_reelle	
desaffection	
difference	
disponible	
etablissements	
frais_de_partenariat	
<b>geometry</b>	
nombre_beneficiaires	
reliquats_n_1	
type	
wsg84	

**3 SÉLECTIONNER UN MODE DE VISUALISATION**

Sélectionner une visualisation, compléter les données et les options.

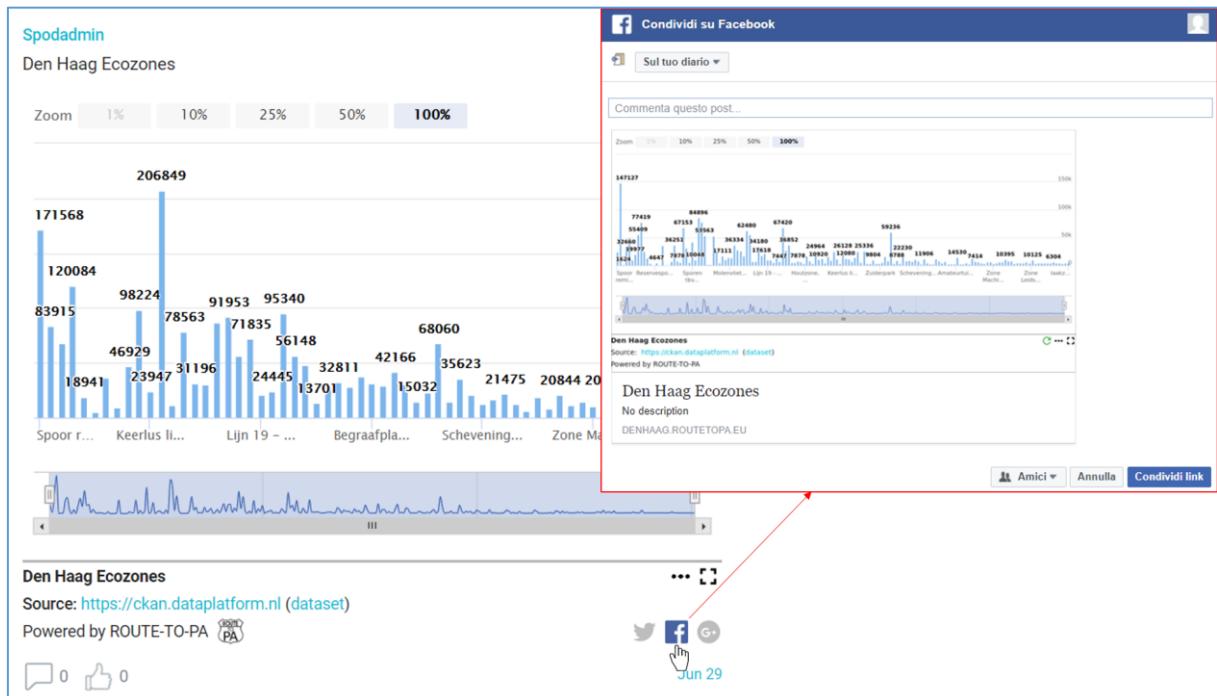
INFORMATIONS DE BASE	AJOUTER
Titre Description <b>DONNÉES</b> <b>OPTIONS</b> GEOJSON geometry CONTENU GEOJSON bilan_bourse CONTENU GEOJSON affectation_cp_15_045 CONTENU GEOJSON academies	<b>AFFRÉGÉ DU DATALET</b>  Source: <a href="http://data.iledefrance.fr (dataset)">http://data.iledefrance.fr (dataset)</a>
<b>INFORMATIONS DU DATALET</b>	

## 11 DATALETS

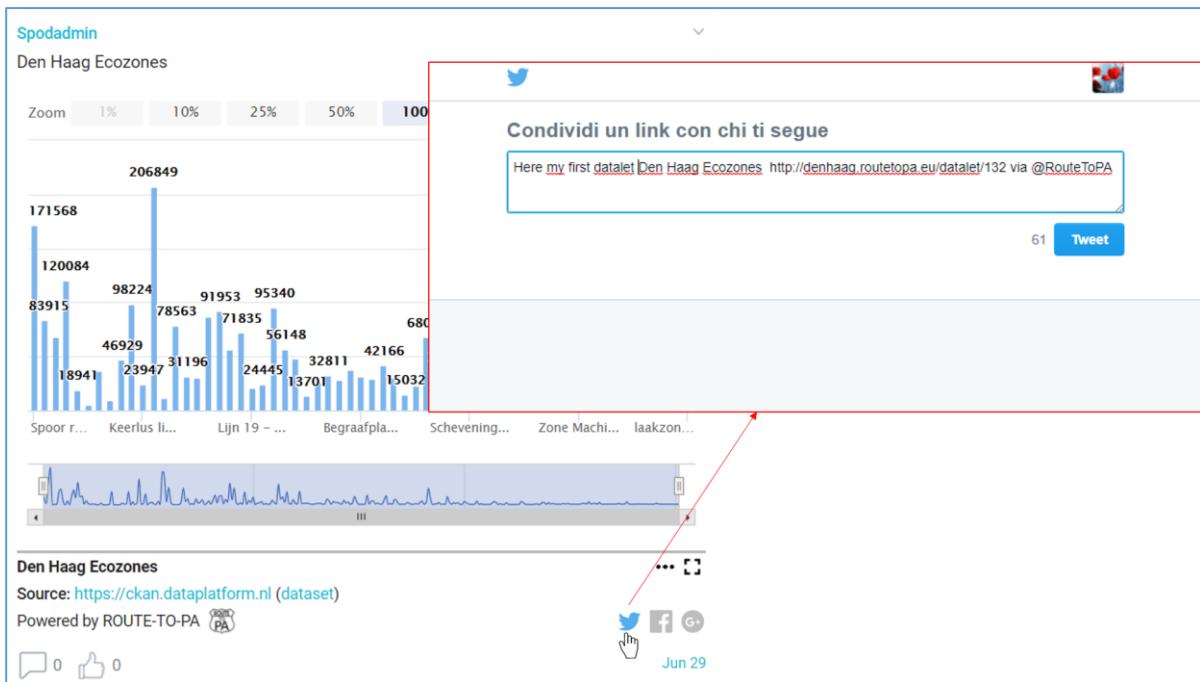
### 11.1 SPOD ON SOCIAL MEDIA: FACEBOOK, TWITTER AND GOOGLE+

How sharing a posting with datalet or directly the datalet on social media, namely Goggle+, Facebook or Twitter, respectively, clicking on the right side of each datalet on the social media button (, , )

- Share a post with datalet on Facebook:



- Share a link with datalet on Twitter



- A datalet shared in Facebook:

**Facebook - Google Chrome**

Secure | [https://www.facebook.com/sharer.php?s=100&p\[url\]=http://denhaag.routetopa.eu/datalet/132&p\[title\]=Den%20Haag%20Ecozones](https://www.facebook.com/sharer.php?s=100&p[url]=http://denhaag.routetopa.eu/datalet/132&p[title]=Den%20Haag%20Ecozones)

**Condividi su Facebook**

Sul tuo diario ▾

Commenta questo post...

Zoom 1% 10% 25% 50% 100%

Ecozone	Value
Spoor Reservespo...	147127
Sporen tbv...	77419
Molenvliet...	55409
Lijn 19 - ...	67153
Houtzone.	84896
Keerlus li...	36251
Zuiderpark Schevening...	53563
Amateurtuin...	36334
Zone Machi...	62480
Zone Leids...	67420
Zone Iaakz...	34180
Zone remi...	36852
Zone Iaakz...	17618
Zone Iaakz...	7447
Zone Iaakz...	7878
Zone Iaakz...	10920
Zone Iaakz...	24964
Zone Iaakz...	26128
Zone Iaakz...	25336
Zone Iaakz...	59236
Zone Iaakz...	22230
Zone Iaakz...	9804
Zone Iaakz...	8788
Zone Iaakz...	11906
Zone Iaakz...	14530
Zone Iaakz...	7414
Zone Iaakz...	10395
Zone Iaakz...	10125
Zone Iaakz...	6304

Den Haag Ecozones

Source: <https://ckan.dataplatform.nl> (dataset)

Powered by ROUTE-TO-PA

Den Haag Ecozones

No description

DENHAAG.ROUTETOPA.EU

Solo io ▾ Annulla Condividi link

 Search Facebook

 Giusi

Giusi Palmieri

 News Feed ...

 Messenger

 Create a Post |  Photo/Video Album |  Live Video

EXPLORE

-  Groups
-  Pages
-  29 Events
-  Friend lists
-  Pokes
-  Games
-  Live video
-  On this Day
-  Moments
-  Photos
- ▼ See more...

 Photo/Video ...

 Feeling/Activity ...

 Giusi Palmieri shared a link.

51 mins · 

Zoom: 1% 10% 25% 50% **100%**

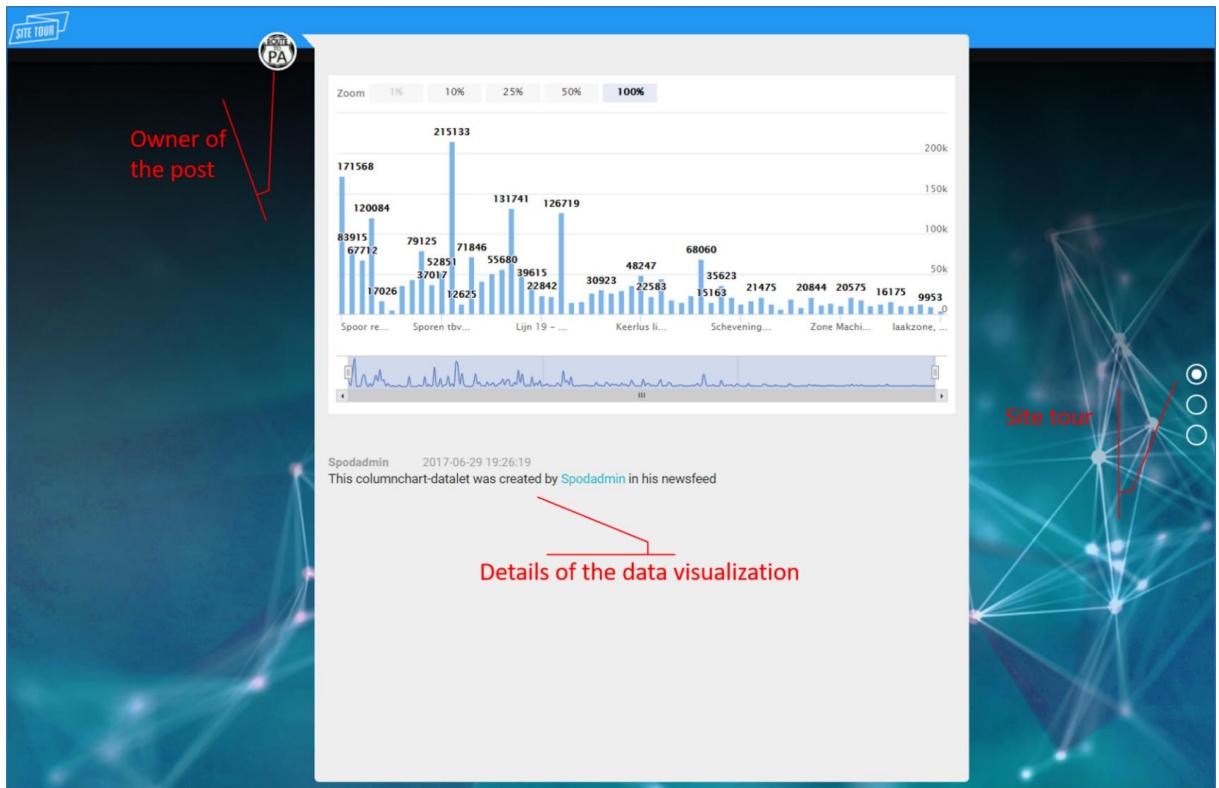


**Den Haag Ecozones**  
Source: <https://ckan.dataplatform.nl> (dataset)  
Powered by ROUTE-TO-PA

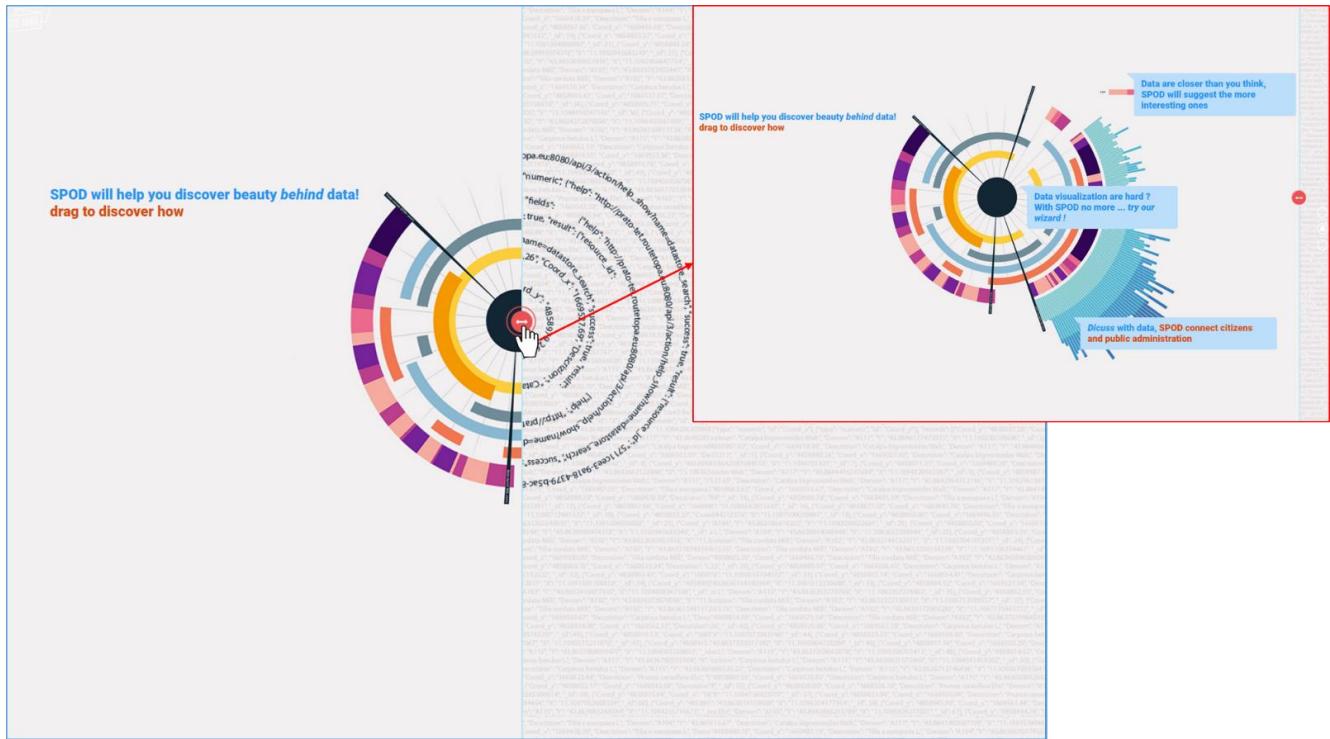
**Den Haag Ecozones**  
No description  
[DENHAAG.ROUTETOPA.EU](#)

 Like  Comment  Share

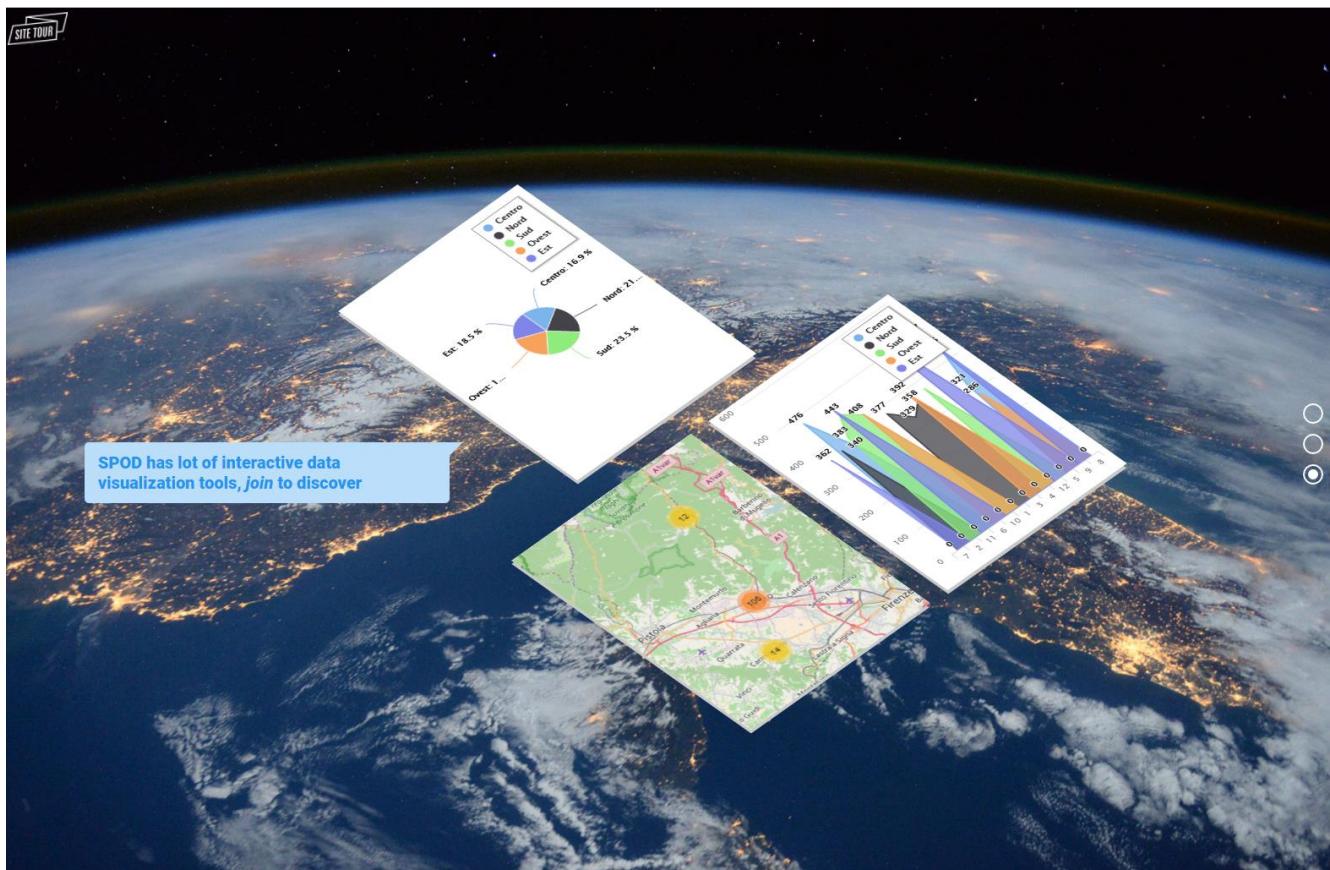
- **SPOD Tour (First page):** In Facebook, clicking on the SPOD post a new page explains details about the owner of the posting, where the data visualization is in SPOD (e.g., in What's new, in Agora)



- **SPOD Tour (the second page):** a second page allows dragging to the right to discover features of SPOD platform

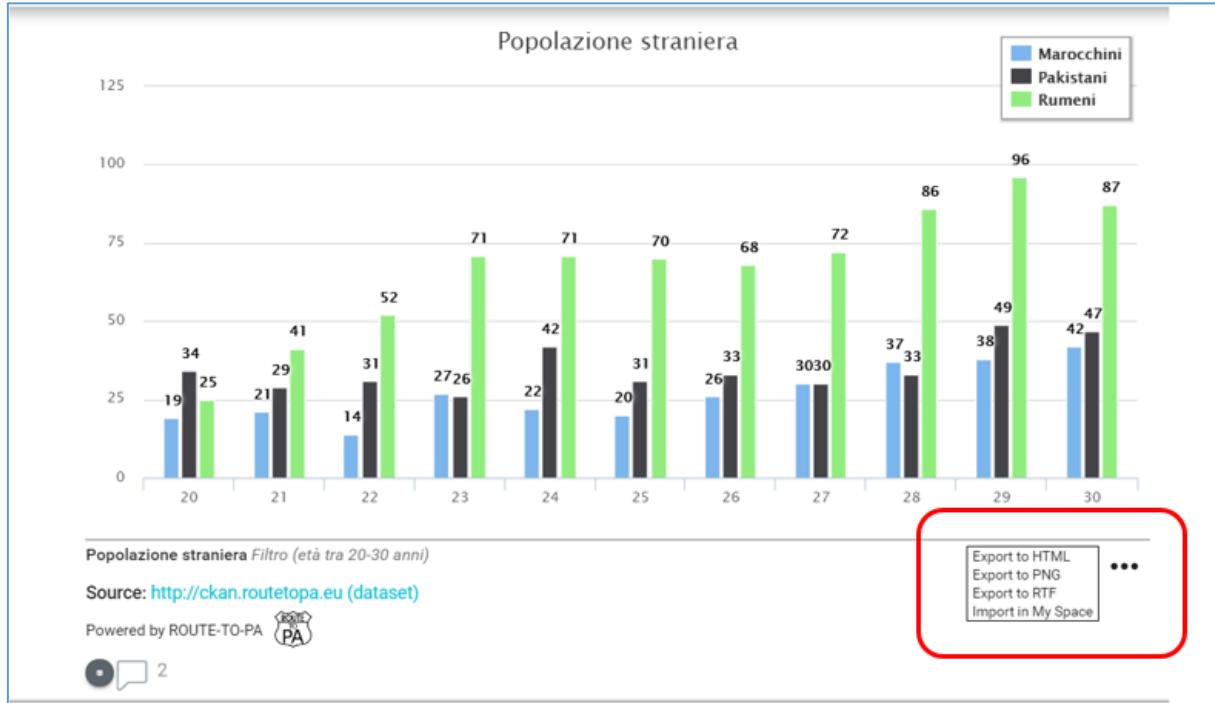


- On the right side of page, a navigation is available among the pages. The following page displays interactive datalets.



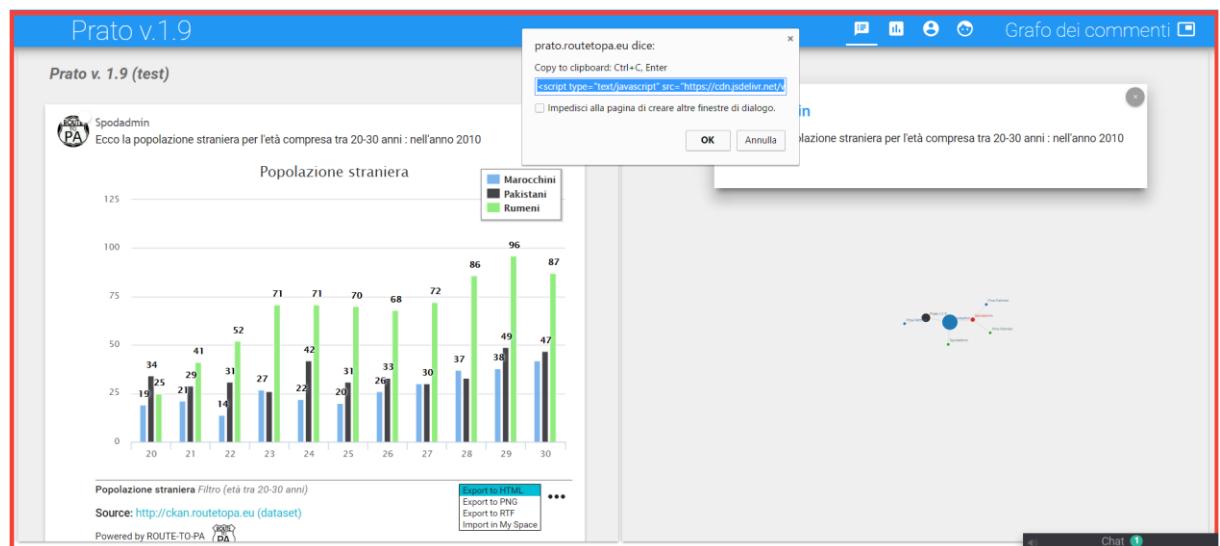
## 11.2 FEATURES

List of features available for each datalet, clicking  button on the right bottom corner of each datalet:

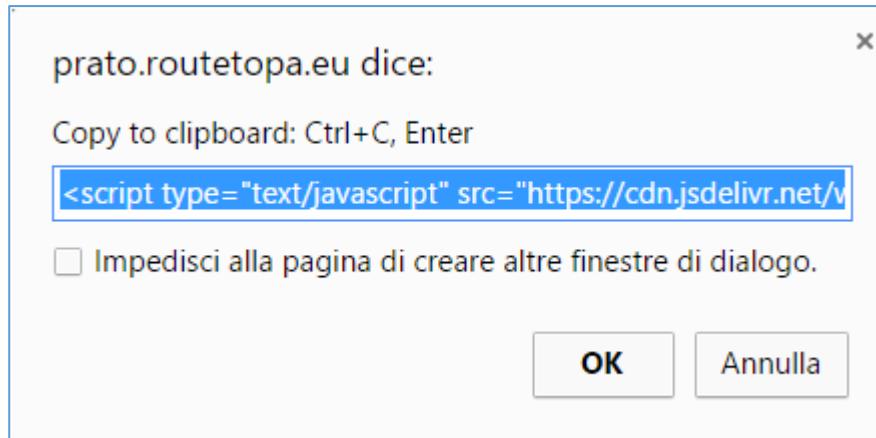


- Export to HTML

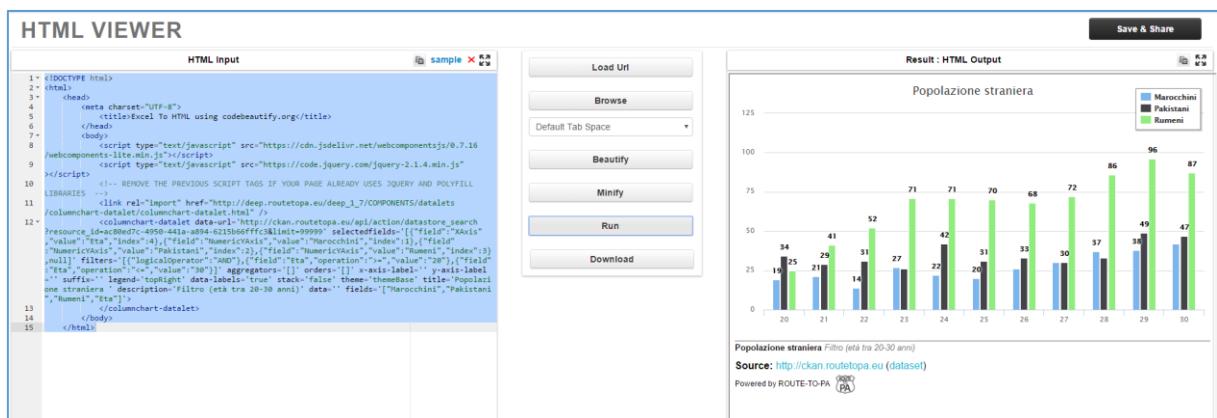
Click on the “Export to HTML,



and a dialog opens to suggest to copy to clipboard with CTRL-C and then click on “ok” button.

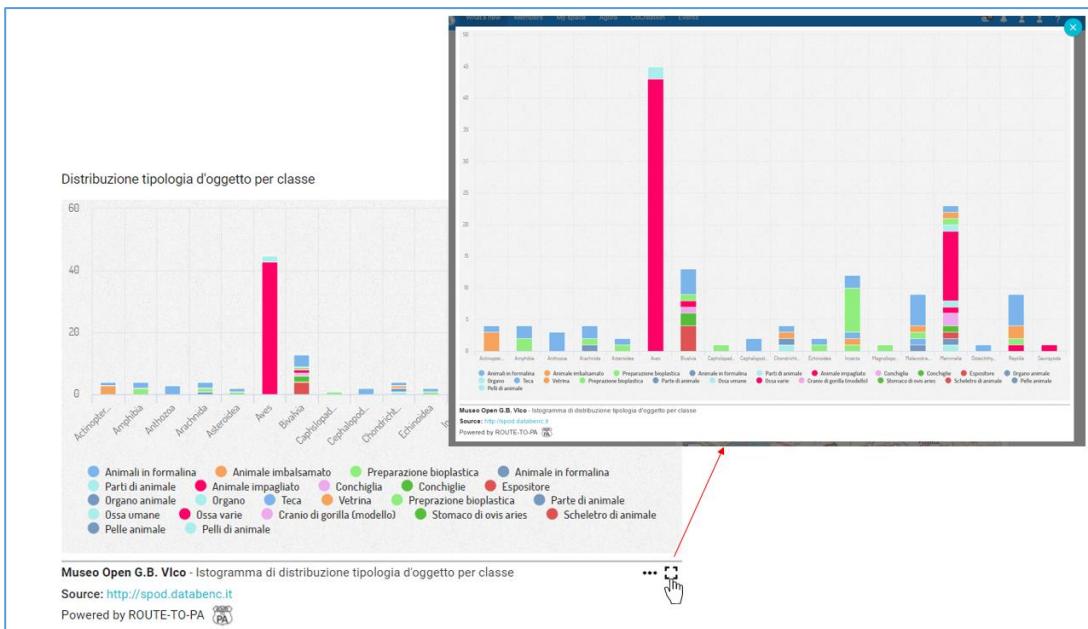


Furthermore, any html editor (e.g., <http://codebeautify.org/htmlviewer/>) can visualize the datalet,



Other features for each datalet are:

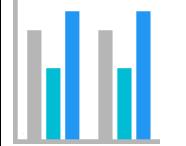
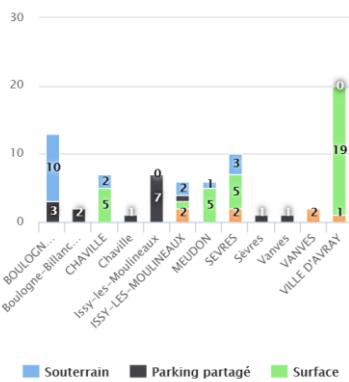
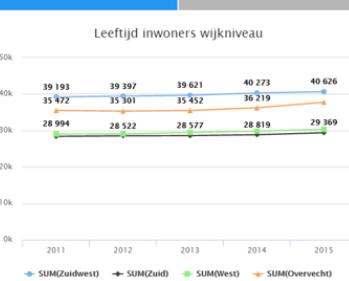
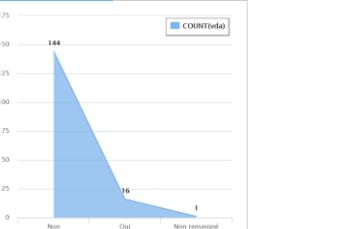
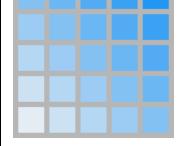
- Export to PNG: export the datalet as png file
- Export to RTF: export the datalet as rtf file showing details about the datalet such as, screenshot of the datalet, creation date, dataset format, dataset link, the owner of the datalet.
- Import in My space: can import any datalet into a private space (e.g., My space).
  
- **Enlarge a chart** allows to display in full screen the chart clicking on button

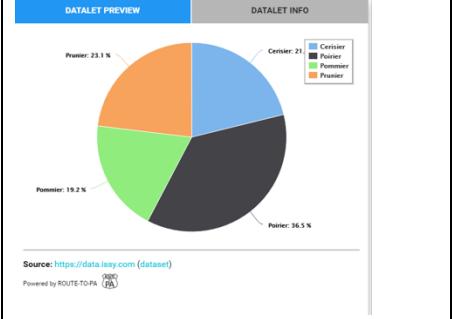
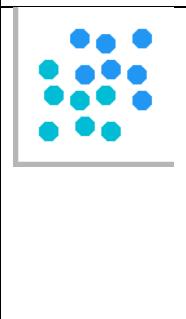
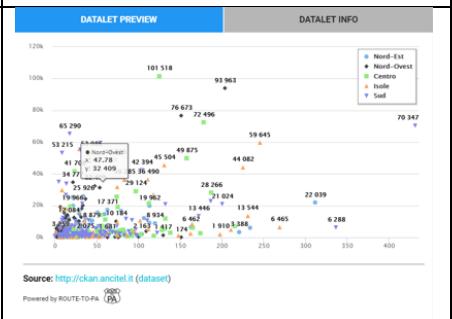
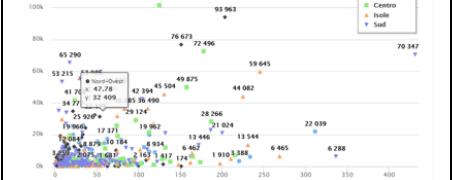
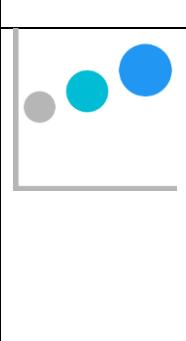
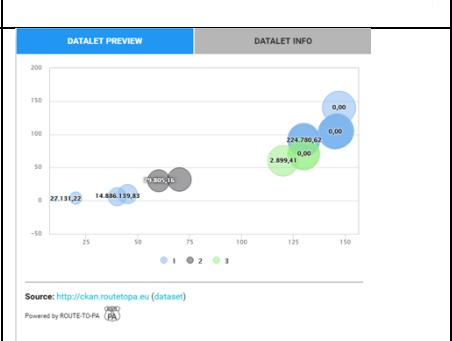
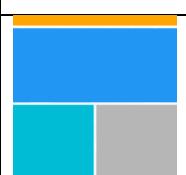
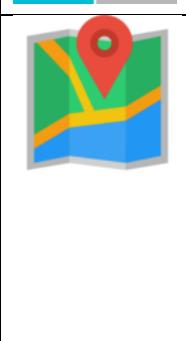
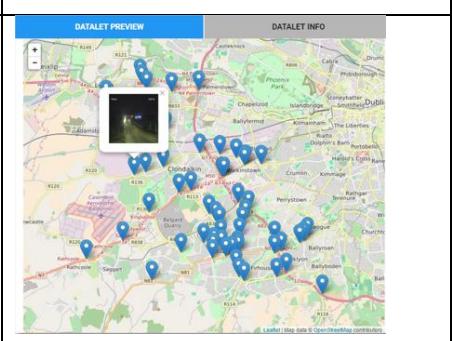
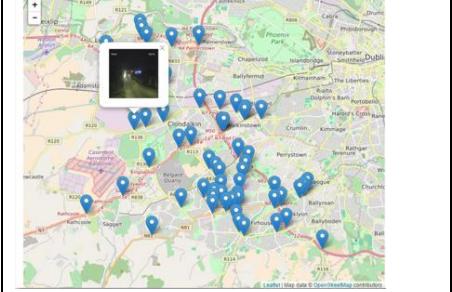
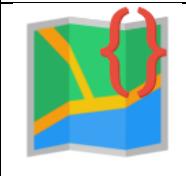


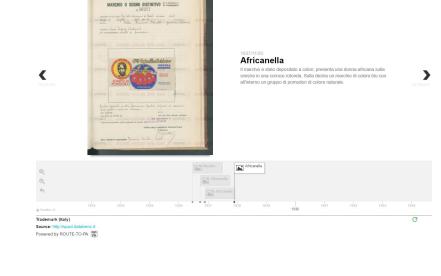
## 11.3 AVAILABLE CHARTS

The following table describes all available charts in SPOD platform:

Chart Types	Description	SPOD platform																																								
	A table is a means of arranging data in rows and columns.	<p><b>DATALET PREVIEW</b></p> <table border="1"> <thead> <tr> <th>vda</th> <th>COUNT(vda)</th> </tr> </thead> <tbody> <tr><td>Non</td><td>144</td></tr> <tr><td>Oui</td><td>16</td></tr> <tr><td>Non renseigné</td><td>1</td></tr> </tbody> </table> <p>Showing 1 to 3 of 3 entries      Previous 1 Next</p> <p>Source: <a href="https://data.issy.com">https://data.issy.com</a> (dataset) Powered by ROUTE-TO-PA</p>	vda	COUNT(vda)	Non	144	Oui	16	Non renseigné	1																																
vda	COUNT(vda)																																									
Non	144																																									
Oui	16																																									
Non renseigné	1																																									
	A bar chart is a chart that presents grouped data with rectangular bars plotted horizontally with lengths proportional to the values that they represent.	<p><b>DATALET PREVIEW</b></p> <table border="1"> <thead> <tr> <th>BOULOGNE-BILLANCOURT</th> <th>CHAMILLE</th> <th>Chaville</th> <th>Issy-les-Moulineaux</th> <th>ISSY-LES-MOULINEAUX</th> <th>MEUDON</th> <th>SEREVES</th> <th>Sèvres</th> <th>VANNES</th> <th>VILLE D'AVRAY</th> </tr> </thead> <tbody> <tr><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>3</td><td>2</td><td>1</td><td>7</td><td>2</td><td>1</td><td>3</td><td>1</td><td>2</td><td>19</td></tr> <tr><td>10</td><td>5</td><td>1</td><td>10</td><td>5</td><td>1</td><td>5</td><td>1</td><td>2</td><td>10</td></tr> </tbody> </table> <p><b>DATALET INFO</b></p> <p>Legend: Souterrain (Blue), Parking partagé (Black), Surface (Green), Semi-enterré (Orange)</p> <p>Source: <a href="https://data.issy.com">https://data.issy.com</a> (dataset) Powered by ROUTE-TO-PA</p>	BOULOGNE-BILLANCOURT	CHAMILLE	Chaville	Issy-les-Moulineaux	ISSY-LES-MOULINEAUX	MEUDON	SEREVES	Sèvres	VANNES	VILLE D'AVRAY	0	0	0	0	0	0	0	0	0	0	3	2	1	7	2	1	3	1	2	19	10	5	1	10	5	1	5	1	2	10
BOULOGNE-BILLANCOURT	CHAMILLE	Chaville	Issy-les-Moulineaux	ISSY-LES-MOULINEAUX	MEUDON	SEREVES	Sèvres	VANNES	VILLE D'AVRAY																																	
0	0	0	0	0	0	0	0	0	0																																	
3	2	1	7	2	1	3	1	2	19																																	
10	5	1	10	5	1	5	1	2	10																																	

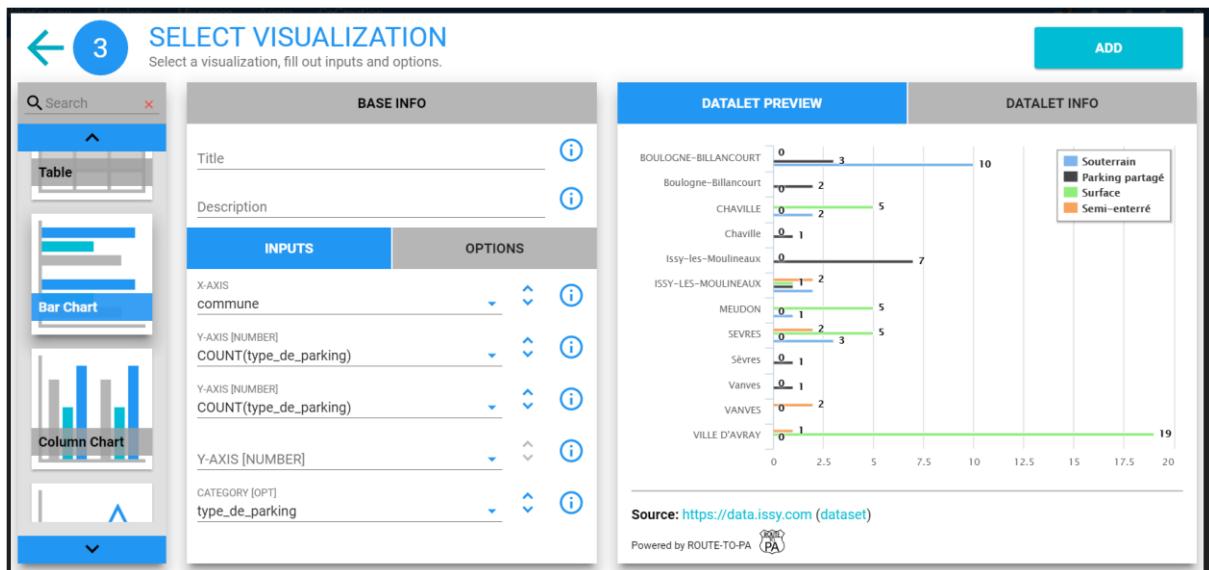
	<p>Column chart (and Stacked column chart ) is a chart that presents grouped data with rectangular bars plotted vertically with lengths proportional to the values that they represent.</p>	<p><b>DATALET PREVIEW</b></p>  <p><b>DATALET INFO</b></p> <p>Source: <a href="https://data.issy.com">https://data.issy.com</a> (dataset)</p>																																																																		
	<p>A line chart is chart which displays information as a series of data points called 'markers' connected by straight line segments. A line chart is often used to visualize a trend in data over intervals of time.</p>	<p><b>DATALET PREVIEW</b></p>  <p><b>DATALET INFO</b></p> <p>Leeftijd inwoners wijkniveau</p> <p>Source: <a href="https://ckan.dataplatform.nl">https://ckan.dataplatform.nl</a> (dataset)</p> <p>Powered by ROUTE-TO-PA </p>																																																																		
	<p>An area chart is a chart which displays graphically quantitative data. The area between axis and line are emphasized with colors and textures. Commonly one compares with the area chart two or more quantities.</p>	<p><b>DATALET PREVIEW</b></p>  <p><b>DATALET INFO</b></p> <p>Source: <a href="https://data.issy.com">https://data.issy.com</a> (dataset)</p> <p>Powered by ROUTE-TO-PA </p>																																																																		
	<p>A heat map is a graphical representation of data where the individual values contained in a matrix are represented as colors.</p>	<p><b>DATALET PREVIEW</b></p> <table border="1"> <tbody> <tr> <td>2016</td><td>19950</td><td>289</td><td>3200</td><td>6444</td><td>2747</td><td>400</td><td>32585</td><td>621</td><td>1531</td><td>10954</td> </tr> <tr> <td>2011</td><td>19349</td><td>297</td><td>3249</td><td>6557</td><td>2828</td><td>441</td><td>30994</td><td>687</td><td>1571</td><td>9574</td> </tr> <tr> <td>2001</td><td>18206</td><td>276</td><td>3151</td><td>6832</td><td>2815</td><td>420</td><td>27739</td><td>795</td><td>1808</td><td>8000</td> </tr> <tr> <td>1991</td><td>17735</td><td>284</td><td>3000</td><td>7243</td><td>2640</td><td>403</td><td>27541</td><td>758</td><td>2061</td><td>7640</td> </tr> <tr> <td>1981</td><td>16405</td><td>297</td><td>3002</td><td>7813</td><td>2353</td><td>449</td><td>27043</td><td>821</td><td>2360</td><td>7000</td> </tr> <tr> <td>1971</td><td>13690</td><td>270</td><td>2520</td><td>8510</td><td>2050</td><td>490</td><td>26950</td><td>830</td><td>2600</td><td>5810</td> </tr> </tbody> </table> <p><b>DATALET INFO</b></p> <p>Source: <a href="http://ckan.anciel.it">http://ckan.anciel.it</a> (dataset)</p> <p>Powered by ROUTE-TO-PA </p>	2016	19950	289	3200	6444	2747	400	32585	621	1531	10954	2011	19349	297	3249	6557	2828	441	30994	687	1571	9574	2001	18206	276	3151	6832	2815	420	27739	795	1808	8000	1991	17735	284	3000	7243	2640	403	27541	758	2061	7640	1981	16405	297	3002	7813	2353	449	27043	821	2360	7000	1971	13690	270	2520	8510	2050	490	26950	830	2600	5810
2016	19950	289	3200	6444	2747	400	32585	621	1531	10954																																																										
2011	19349	297	3249	6557	2828	441	30994	687	1571	9574																																																										
2001	18206	276	3151	6832	2815	420	27739	795	1808	8000																																																										
1991	17735	284	3000	7243	2640	403	27541	758	2061	7640																																																										
1981	16405	297	3002	7813	2353	449	27043	821	2360	7000																																																										
1971	13690	270	2520	8510	2050	490	26950	830	2600	5810																																																										

	<p>A pie chart is a circular statistical graphic, which is divided into slices to illustrate numerical proportion. In the pie chart, the arc length of each slice, and consequently its central angle and area, is proportional to the quantity it represents.</p>	 <p><b>DATALET PREVIEW</b></p> <table border="1"> <thead> <tr> <th>Cerise</th> <th>Poirier</th> <th>Pommier</th> <th>Prairie</th> </tr> </thead> <tbody> <tr> <td>23.1 %</td> <td>36.5 %</td> <td>19.2 %</td> <td>11.2 %</td> </tr> </tbody> </table> <p><b>DATALET INFO</b></p> <p>Source: <a href="https://data.issy.com/dataset">https://data.issy.com/dataset</a> Powered by ROUTE-TO-PA</p>	Cerise	Poirier	Pommier	Prairie	23.1 %	36.5 %	19.2 %	11.2 %
Cerise	Poirier	Pommier	Prairie							
23.1 %	36.5 %	19.2 %	11.2 %							
	<p>A scatter chart is a type of plot or mathematical diagram using Cartesian coordinates to display values for typically two variables for a set of data. The data is displayed as a collection of points, each having the value of one variable determining the position on the horizontal axis and the value of the other variable determining the position on the vertical axis.</p>	 <p><b>DATALET PREVIEW</b></p>  <p><b>DATALET INFO</b></p> <p>Source: <a href="http://ckan.ancitel.it/dataset">http://ckan.ancitel.it/dataset</a> Powered by ROUTE-TO-PA</p>								
	<p>A bubble chart is a type of chart that displays three dimensions of data. Each entity with its triplet (v1, v2, v3) of associated data is plotted as a disk that expresses two of the vi values through the disk's xy location and the third through its size.</p>	 <p><b>DATALET PREVIEW</b></p>  <p><b>DATALET INFO</b></p> <p>Source: <a href="http://ckan.routetopa.eu/dataset">http://ckan.routetopa.eu/dataset</a> Powered by ROUTE-TO-PA</p>								
	<p>A tree map is a chart for displaying hierarchical data by using nested rectangles.</p>									
	<p>Map</p>	 <p><b>DATALET PREVIEW</b></p>  <p><b>DATALET INFO</b></p> <p>Source: <a href="#">Map data © OpenStreetMap contributors</a> Powered by ROUTE-TO-PA</p>								
	<p>Geojson Map</p>									

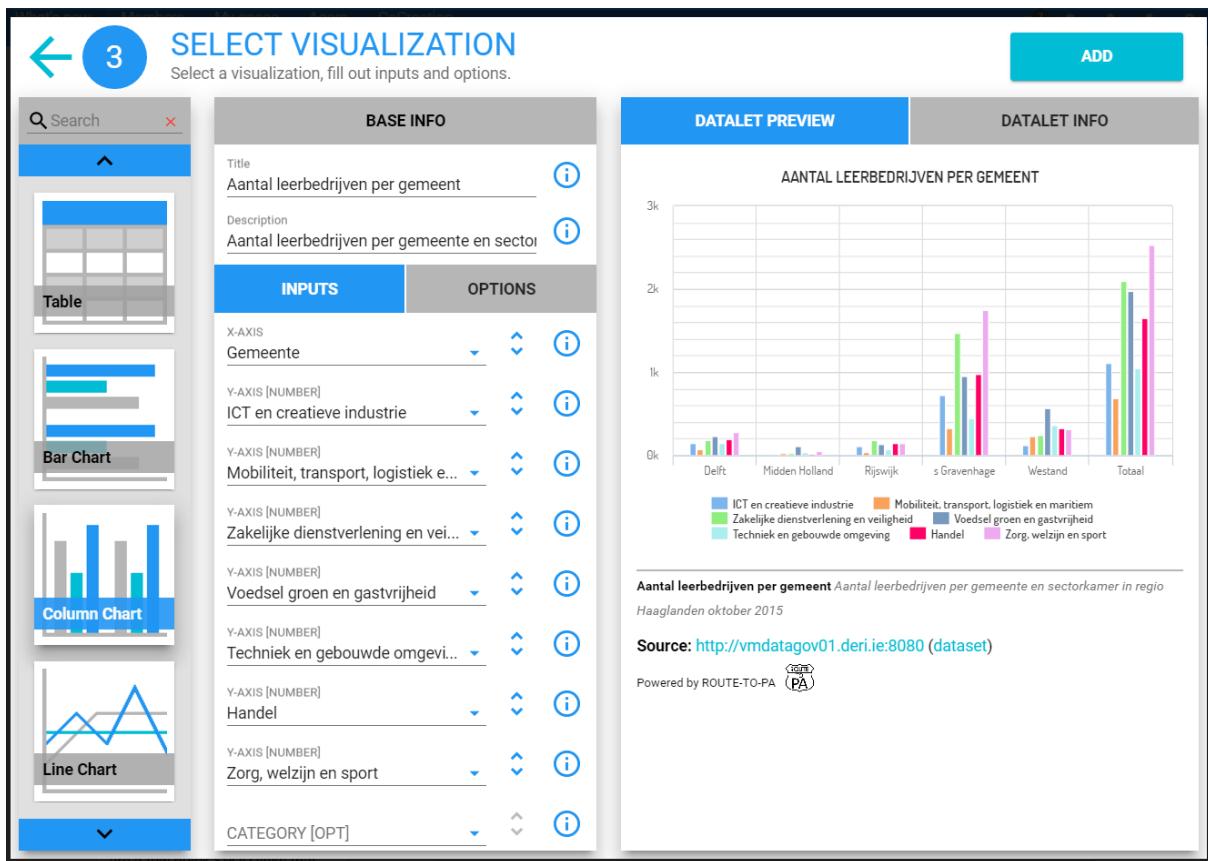
	<p>Media Slider is a slider of media.</p>	
	<p>Timeline is an interactive visualization chart to visualize data in time. The data items can take place on a single date, or have a start and end date (a range). You can freely move and zoom in the timeline. The time scale on the axis is adjusted automatically, and supports scales ranging from milliseconds to years.</p>	

In the following sections, SPOD platform visualizes some example of charts with open data datasets.

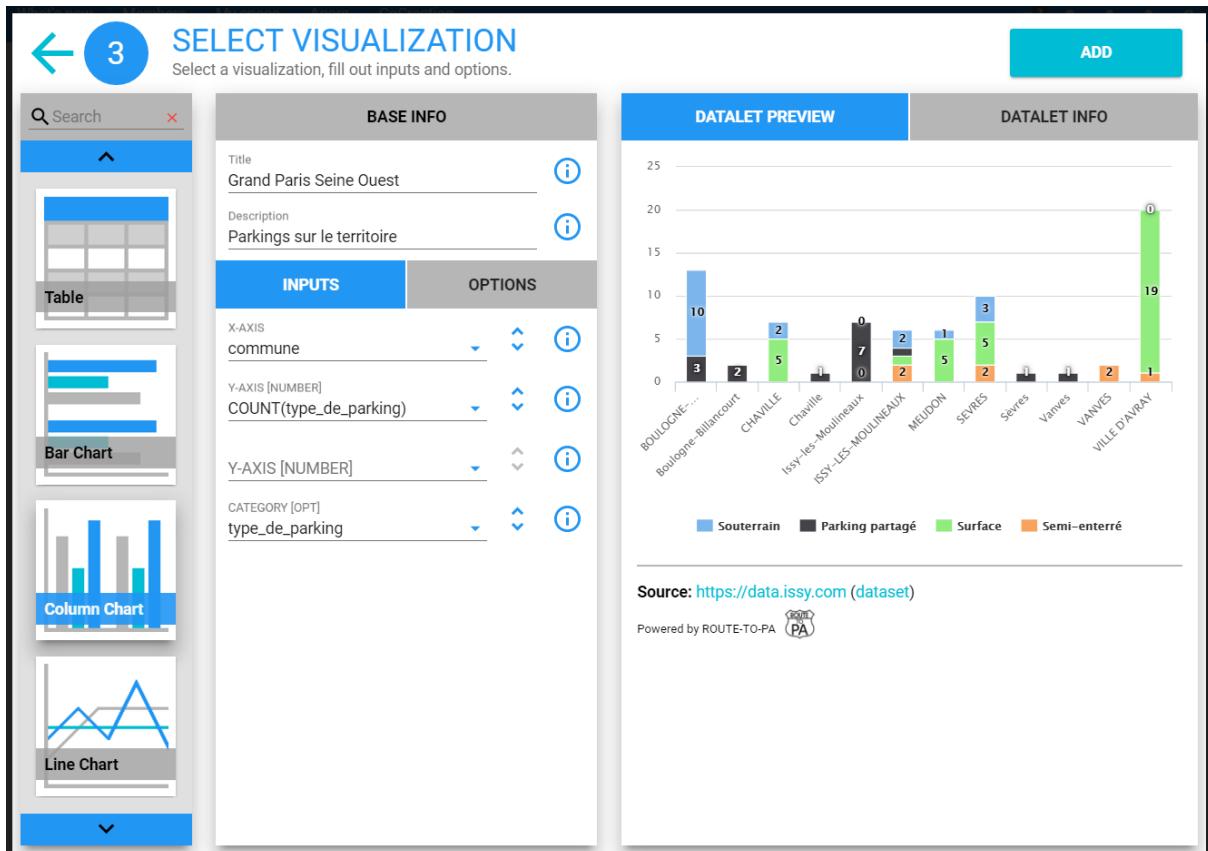
#### 11.3.1 BAR CHART



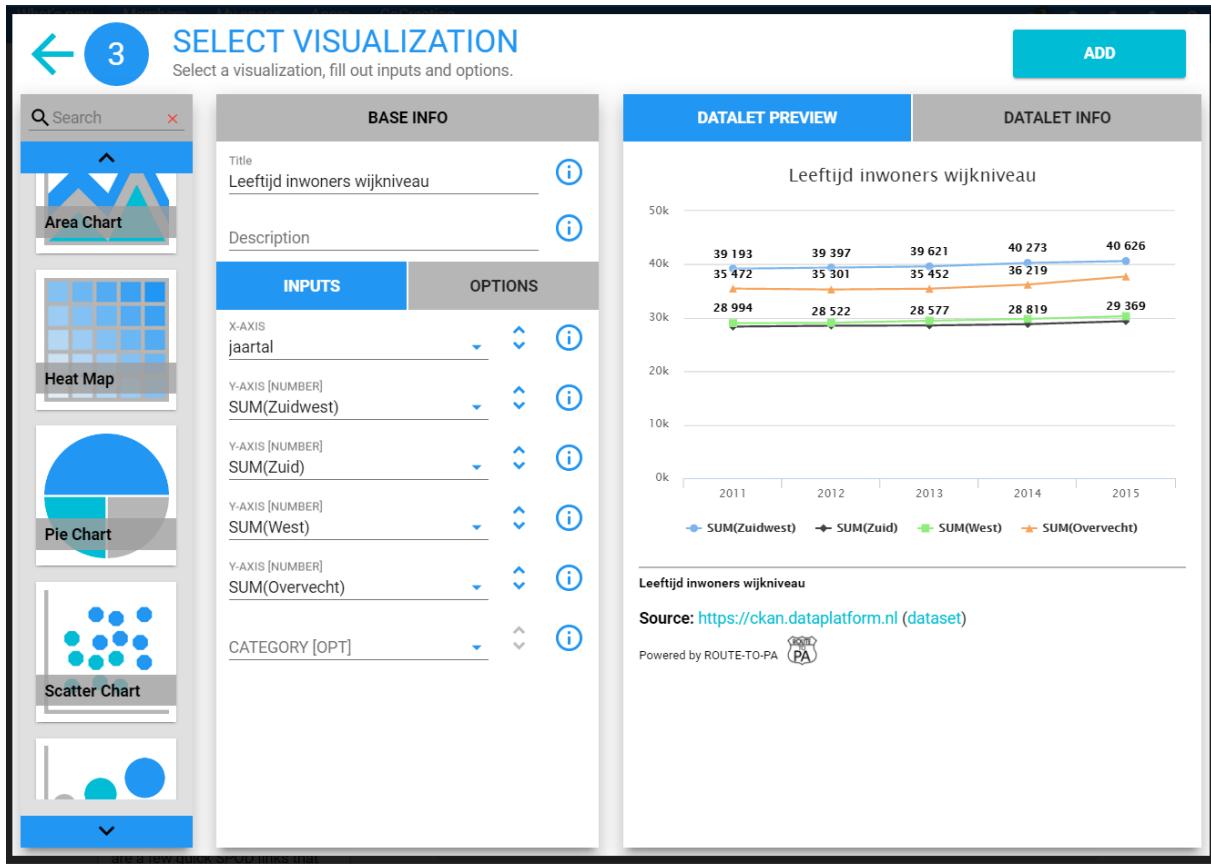
#### 11.3.2 COLUMN CHART



### 11.3.3 STACKED COLUMN CHART



### 11.3.4 LINECHART



### 11.3.5 PIE CHART

Step 1) Choose an available dataset, as remote address, for example in Issy" Open Data portal<sup>2</sup>:

*Try your dataset with the following address*

<https://data.issy.com/api/records/1.0/search/?dataset=les-arbres-fruitiers-du-fort&sort=arbre&facet=arbre&facet=variete>

<sup>2</sup> <https://goo.gl/CHW74e>

**2 SELECT DATA**  
Select the fields on the left. The table will show the values related to the selected fields.

SELECTED DATA	
	COUNT(arbre)
arbre	11
Cerisier	19
Poirier	10
Pommier	12
Prunier	

Showing 1 to 4 of 4 rows Search

**FILTERS**    **GROUP BY**    **QUERY** [+](#) [-](#)

GROUP BY [+](#)

CALCULATE [+](#) [-](#) Field

GROUP BY arbre [-](#)

Calculate COUNT of arbre [-](#)

[DISABLE GROUP BY](#)

**3 SELECT VISUALIZATION**  
Select a visualization, fill out inputs and options.

**BASE INFO**

Title  [i](#)

Description  [i](#)

**INPUTS**    **OPTIONS**

LABEL arbre [i](#)

SIZE [NUMBER] COUNT(arbre) [i](#)

**DATALET PREVIEW**

**DATALET INFO**

Cerisier: 21%  
Poirier: 36.5%  
Pommier: 19.2%  
Prunier: 23.1%

Cerisier  
Poirier  
Pommier  
Prunier

Source: <https://data.issy.com> (dataset)  
Powered by ROUTE-TO-PA

**Visualizations:** Line Chart, Area Chart, Heat Map, Pie Chart, Scatter Chart.

### 11.3.6 AREACHART CHART

Dataset is available from “Île-de-France” Open Data portal:

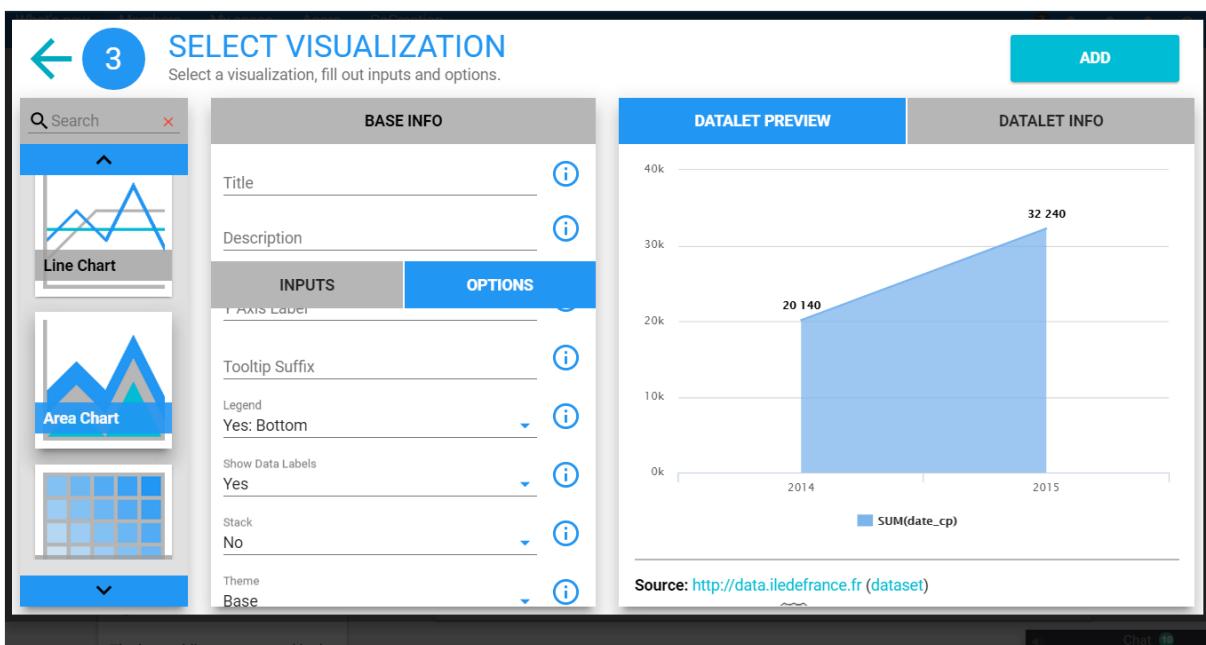
API: “/api/records/1.0/search?dataset=logement-jeune-2014-2015&facet=departement&facet=ville”

The screenshot shows a search interface for datasets. At the top, a blue header bar says "1 SELECT DATASET". Below it, a sub-header says "Select a dataset from the list or copy and paste the url of dataset.". There are three tabs: "FROM PROVIDERS" (selected), "FROM COCREATED", and "FROM EXTENDED SEARCH". A dropdown menu "Provider: All" is open. On the right, a "DATASET INFO" panel is empty. The main list contains five items: "Prato : Biblioteche", "Prato: Giardini e Prati", "WI-FI Prato test", "GeoJson-test-01", and "pure geojson". At the bottom, a message says "Showing 1 to 20 of 3537 datasets" with navigation arrows, a search bar, and a selected URL: "http://data.iledefrance.fr/api/records/1.0/search?dataset=logement-jeune-2014-2015&facet=departement&facet=ville".

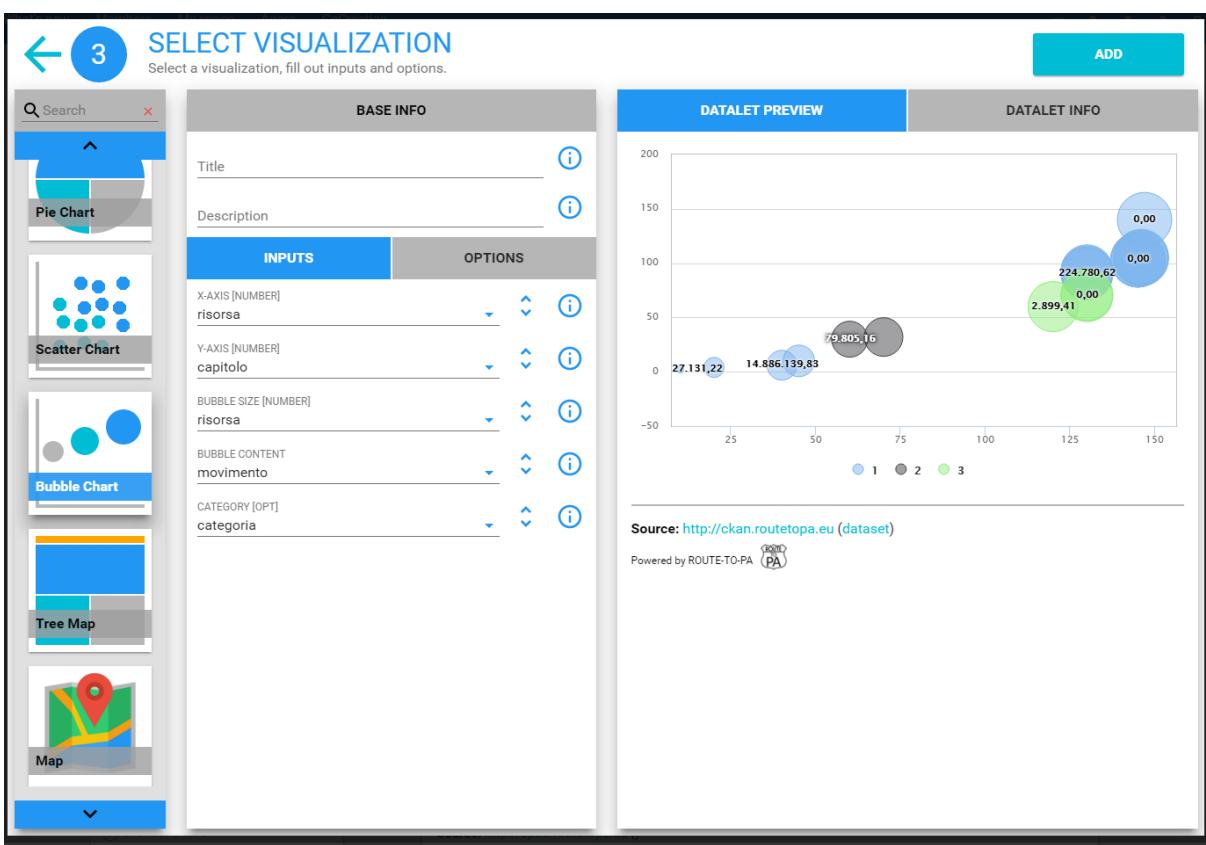
## STEP 2) “SELECT DATA”

The screenshot shows a data selection interface. At the top, a blue header bar says "2 SELECT DATA". Below it, a sub-header says "Select the fields on the left. The table will show the values related to the selected fields.". On the left, a "FIELDS" sidebar lists fields: "date\_cp", "departement", "gestionnaire", "ndeg\_cp", "nombre\_de\_logement", "places", "subvention", "type", and "ville". The "date\_cp" field is currently selected. On the right, a "SELECTED DATA" table shows two rows: 2015 (SUM(date\_cp) 32240) and 2014 (SUM(date\_cp) 20140). Below the table, a message says "Showing 1 to 2 of 2 rows" with navigation arrows, a search bar, and a "GROUP BY" dropdown set to "date\_cp". At the bottom, there are buttons for "FILTERS", "GROUP BY" (with a plus sign and a dropdown for "GROUP BY date\_cp"), "CALCULATE" (with a plus sign and a dropdown for "Field"), and "QUERY" (with a plus sign and a "DISABLE GROUP BY" button).

## STEP 3) “SELECT VISUALIZATION”



### 11.3.7 BUBBLE CHART



### 11.3.8 HEATMAP

**SELECT VISUALIZATION**  
Select a visualization, fill out inputs and options.

**BASE INFO**

INPUTS	OPTIONS
X Axis Label	<input type="text"/>
Y Axis Label	<input type="text"/>
Tooltip Suffix	<input type="text"/>
Legend	<input type="text"/>
Show Data Labels	<input type="text"/>
Stack	<input type="text"/>
Theme	<input type="text"/>

**DATALET PREVIEW**

2016	19950	289	3200	6444	2747	400	32585	621	1531	10954
2011	19349	297	3249	6557	2828	441	30994	687	1571	9574
2001	18206	276	3151	6832	2815	420	27739	705	1808	8000
1991	17735	284	3000	7243	2640	403	27541	758	2061	7640
1981	16405	297	3002	7813	2353	449	27043	821	2360	7000
1971	13690	270	2520	8510	2050	490	26950	830	2600	5810

**DATALET INFO**

Source: <http://ckan.ancitel.it> (dataset)

Powered by ROUTE-TO-PA 

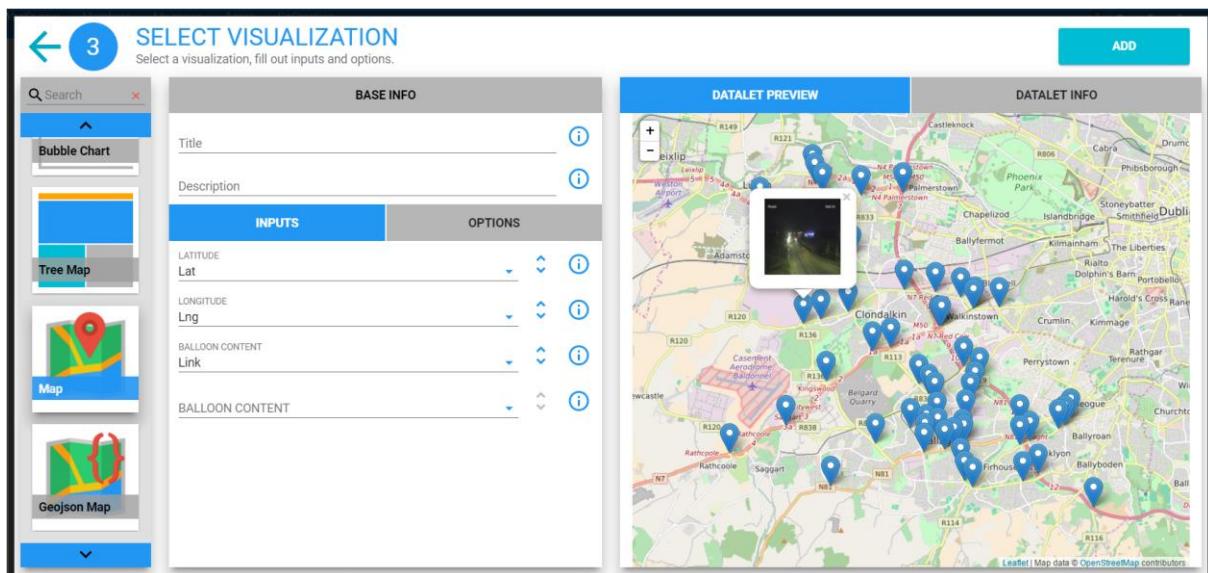
Abano Terme Abbadia Cerreto Abbadia Liraria Abbadia San Salvadore Abbassanta Abbiateglio Abbiatagrasso Abbiatorne Arzola Acqua

0k 10k 20k 30k 40k

### 11.3.9 SCATTER CHART



### 11.3.10 MAP



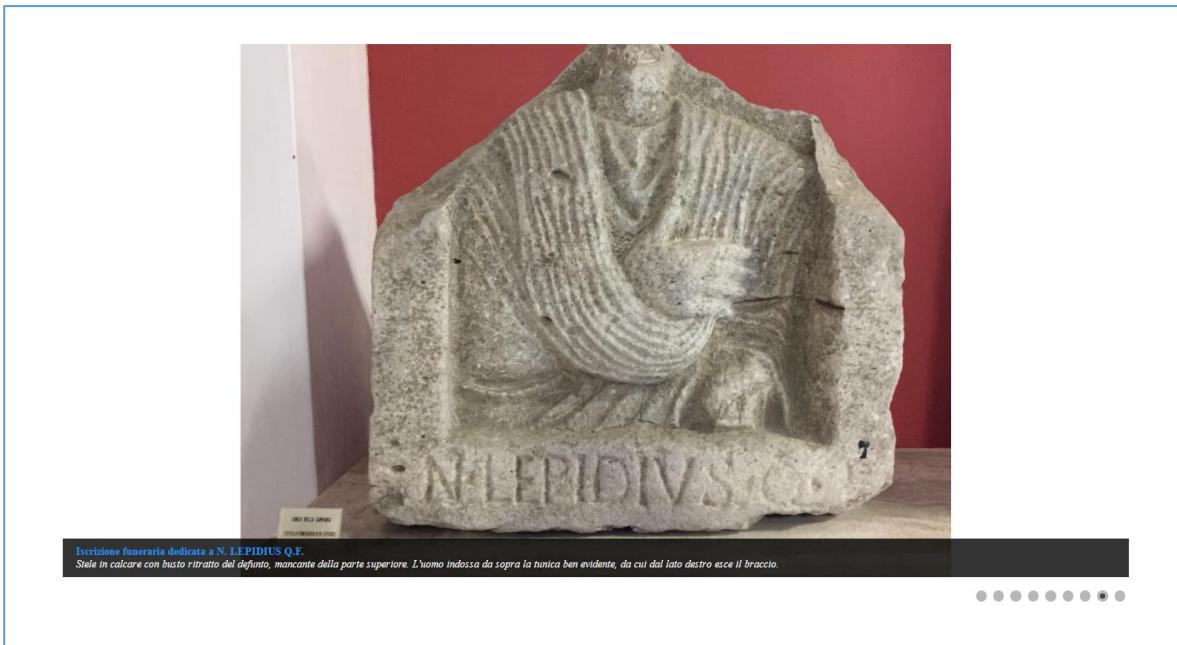
### 11.3.11 MEDIA SLIDER

The media slider is a slider of media with the following inputs values:

**MEDIA URL:** The url of the media.

**MEDIA TITLE:** The title of the media.

**MEDIA DESCRIPTION:** The description of the media



**SELECT VISUALIZATION**  
Select a visualization, fill out inputs and options.

new! Tree Map

new! Timeline

new! Media Slider

new! Map

new! Geojson Map

**BASE INFO**

Title: Irpinio Museum (Av, Italy)

Description:

**INPUTS**

**OPTIONS**

MEDIA URL: URL fotografia  
 MEDIA TITLE [OPT]: Definizione Oggetto (OGTD)  
 MEDIA DESCRIPTION [OPT]: DESCRIZIONE INDICAZIONE SULL' OGGETTO

DATALET PREVIEW
DATALET INFO

Figura femminile in trono con bambino  
Esemplare in mediocre stato di conservazione, con vaste tracce di abrasioni su gran parte della superficie

Irpinio Museum (Av, Italy)  
Source: <http://spod.databenc.it>  
Powered by ROUTE-TO-PA

11.3.12

### TIMELINE

The timeline is an interactive visualization chart to visualize data in time. The data items can take place on a single date, or have a start and end date (a range). You can freely move and zoom in the timeline. The time scale on the axis is adjusted automatically, and supports scales ranging from milliseconds to years.

The Input values are the following:

**START DATE:** The start date of the event. A string representing an RFC2822 or ISO 8601 date (e.g. 2015-03-25, 03/25/2015, Mar 25 2015, 25 Mar 2015, Wednesday March 25 2015) or a single number representing the year (e.g. 2017, 7, -150) or a roman number representing centuries using 'bc', 'b.c.', 'bce' or 'b.c.e.' to discern Before

Christ/Before Common Era centuries (e.g. IV, X bce, III b.c). Other formats may be used, but results may be unexpected.

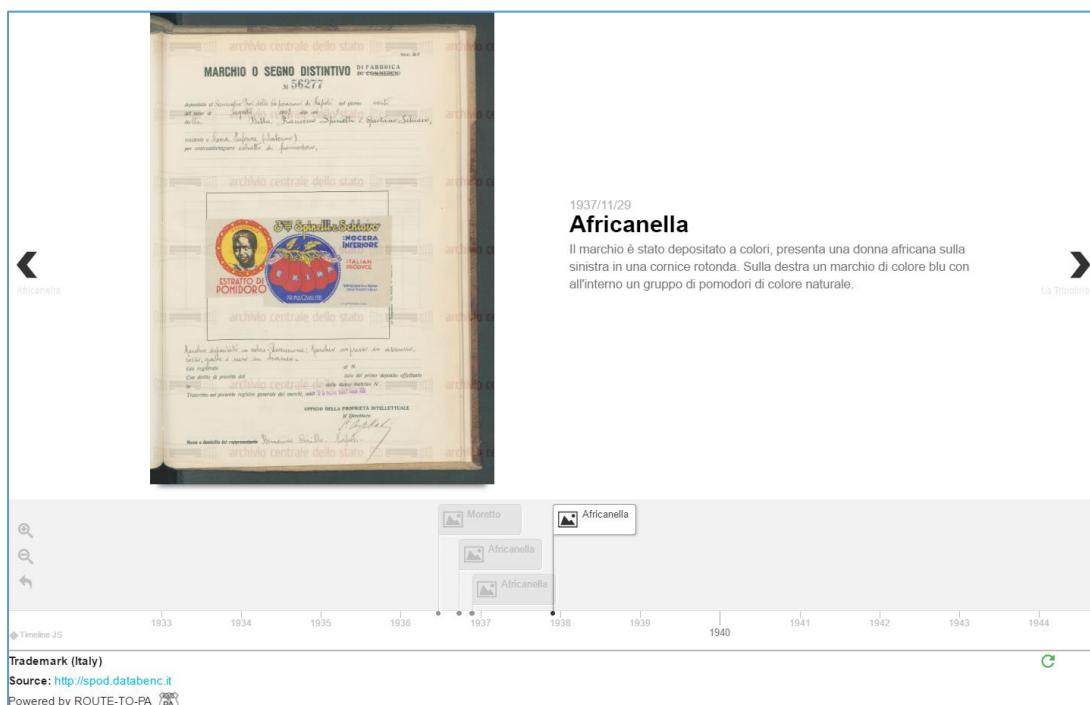
**END DATE:** The end date of the event (see start date).

**EVENT TITLE:** The title of the event.

**EVENT DESCRIPTION:** The description of the event.

**MEDIA URL:** The url of the media.

**BACKGROUND:** The fully-qualified URL pointing to an image which will be used as the background or a CSS color, in hexadecimal (e.g. #0f9bd1) or a valid CSS color keyword



## 12 INTEGRATION WITH ANY CKAN PROVIDER

From every datalet shown from TET (and any CKAN), it is possible to connect back to “data source” and to the information’s page of the datasets .

How visualise, known a dataset address, the appropriate page of the dataset.

Consider the following example:

*Try a datalet with the API dataset =*  
[http://vmdatagov01.deri.ie:8080/api/action/datastore\\_search?resource\\_id=ec8de74f-1717-47f5-b5bb-c13b5fd399d&limit=5](http://vmdatagov01.deri.ie:8080/api/action/datastore_search?resource_id=ec8de74f-1717-47f5-b5bb-c13b5fd399d&limit=5)

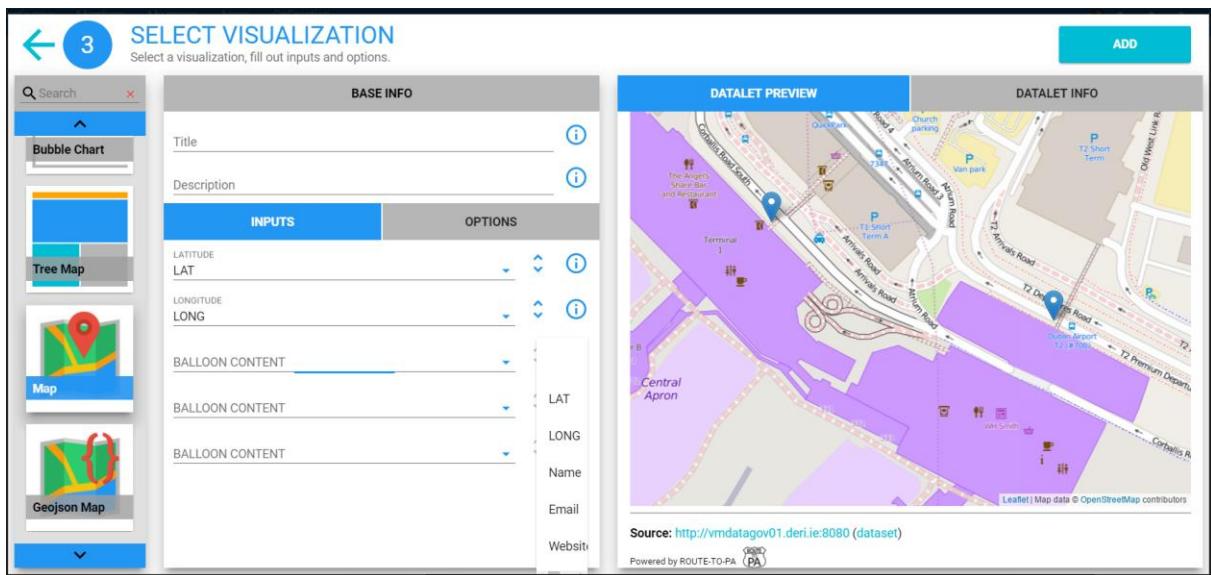


Figure 31: Click on “dataset” link to display the page of dataset in TET provider.

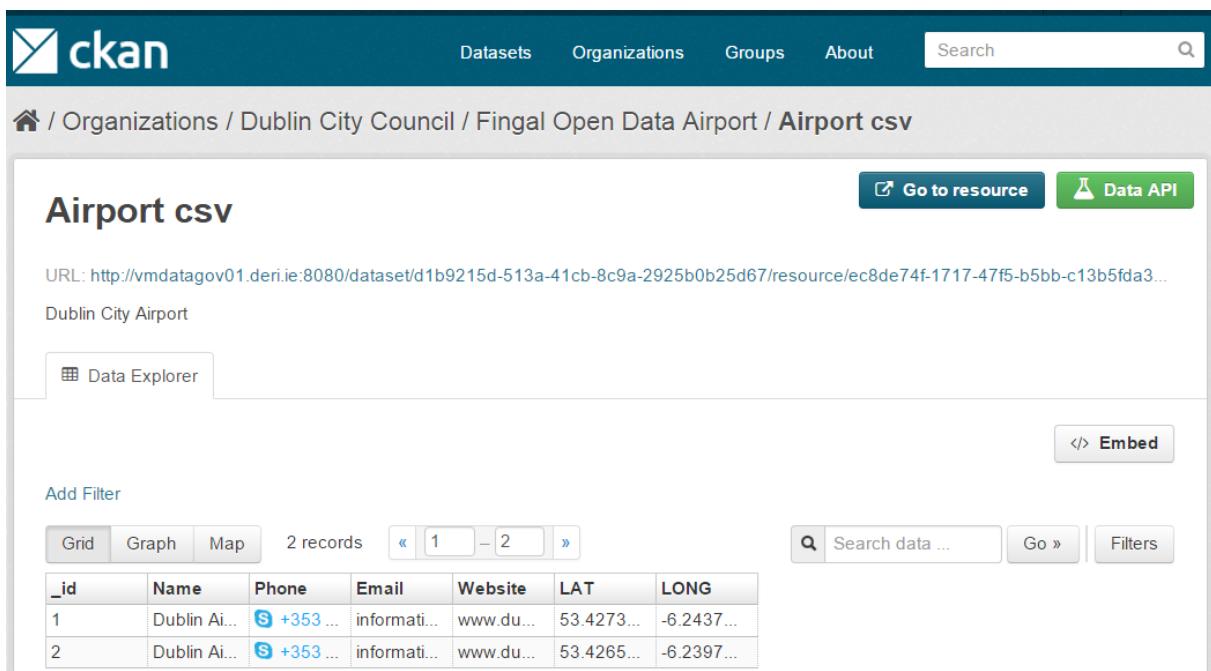


Figure 32: The page of TET provider clicking on the “dataset” link in the STEP3).

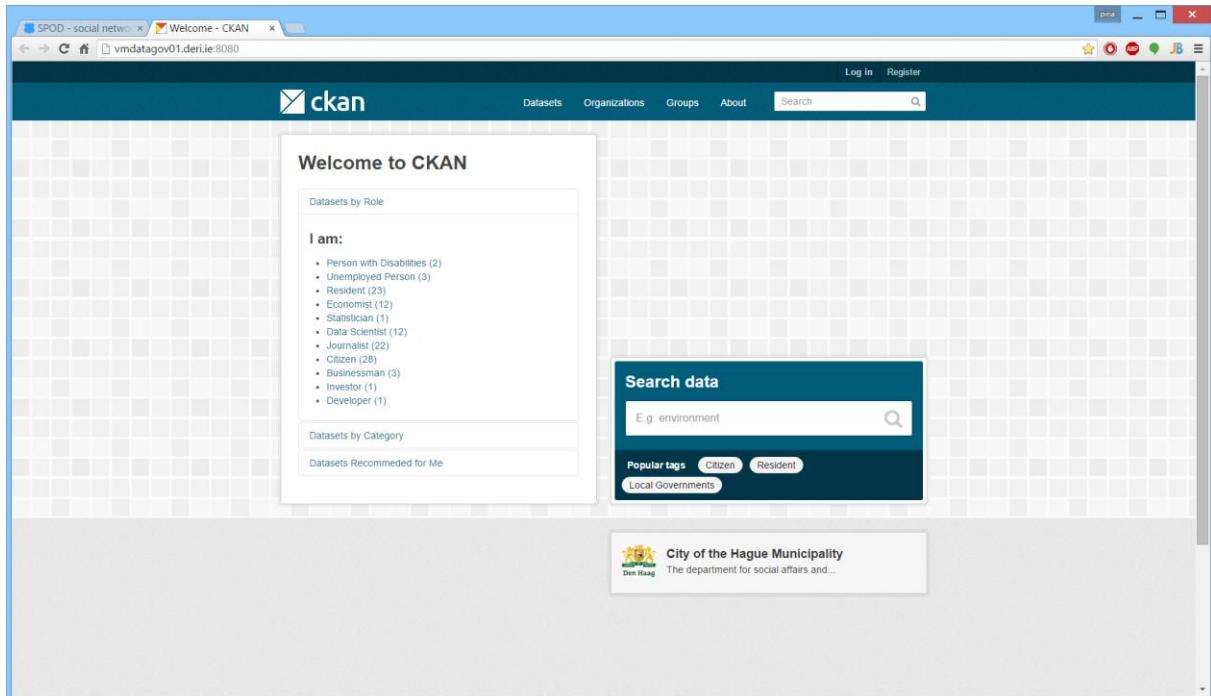


Figure 33: The source page of TET provider, clicking on the link of the “Source” in the STEP 3).

This feature works fine with any CKAN data providers.

## 13 ↪ INTEGRATION WITH ULTRACL@RITY PROVIDER

---

UltraCl@rity, search engine for Greek government open data initiative, provides a JSON compatible with CKAN, using SPOD datalets (e.g., dataset visualisation) and importing variable from JSON.

It is possible to show data coming from a query to the Ortelio Ultraclarity engine.

UltraClarity is indexing the full text of 425 documents (PDF, DOC, etc) published in the following repository (**Prato Town Council (Italy)**):

- <http://prato-tet.routetopa.eu>

UltraClarity is indexing the full text of 3,280 documents (PDF, DOC, etc) published in the following repositories (**Netherlands**):

- <https://www.dataplatform.nl/data>
- <https://data.openstate.eu>

UltraClarity is indexing the full text of 1,463 documents (PDF, DOC, etc) published in the following repositories (**Dublin**):

- <https://data.dublinked.ie/dataset>
- <http://vmdatagov01.deri.ie:8080/>

In the Controllet, “FROM extended search” tab (see 1 in the screenshot ) allows to search a dataset (see 3 in the screenshot) filling in the “search” field (see 2 in the screenshot) :

- Dublin repository (e.g, Search = “bike”)

The screenshot shows the Controllet interface with the following elements:

- 1 SELECT DATASET**: A blue button labeled "SELECT DATASET".
- FROM EXTENDED SEARCH**: A red-bordered button.
- Dataset Info**: A panel on the right showing details for the selected dataset:
  - Resource Name: Dublin Bike Stations GPS Co-ords
  - Resource Description:
  - Organization: dublin-city-council
  - Dataset Name: dublinbikes
  - Dataset Title: dublinbikes
  - Spatial Administrative Area: Dublin City
  - author: Not supplied
  - author\_email: Not supplied
  - category: Transport and Infrastructure
  - conforms\_to: DUBLINKed Metadata Standard
  - date\_created: 2009-09-01
  - date\_modified: 2014-10-08
  - date\_released: 2014-10-08
  - isopen: true
  - language: eng
  - license\_title: Creative Commons Attribution 4.0
  - license\_url: https://creativecommons.org/licenses/by/4.0/
  - maintainer: Not supplied
  - maintainer\_email: Not supplied
- Showing 1 to 1 of 1 datasets**: A message at the bottom left.
- 2 Q bike**: A search bar containing "bike".
- 3 Selected url**: A red box around the URL in the address bar: [https://data.dublinlinked.ie/api/3/action/datastore\\_search?resource\\_id=2681e44e-1a4e-4872-aadb-4033c591157b](https://data.dublinlinked.ie/api/3/action/datastore_search?resource_id=2681e44e-1a4e-4872-aadb-4033c591157b).

- Prato repository (e.g., Search = “Alberi”)

The screenshot shows the Controllet interface with the following elements:

- 1 SELECT DATASET**: A blue button labeled "SELECT DATASET".
- FROM EXTENDED SEARCH**: A red-bordered button.
- Dataset Info**: A panel on the right showing details for the selected dataset:
  - Resource Name: Prato\_alberi.csv
  - Resource Description:
  - Organization: comune-di-prato-italy
  - Dataset Name: alberi-prato
  - Dataset Title: Alberi Prato
  - isopen: true
  - license\_title: Creative Commons Attribution Share-Alike
  - license\_url: http://www.opendefinition.org/licenses/cc-by-sa
  - metadata\_created: 2017-06-06T14:56:08.782369
  - metadata\_modified: 2017-06-06T14:56:08.817522
  - private: false
- Showing 1 to 1 of 1 datasets**: A message at the bottom left.
- 2 Q Alberi**: A search bar containing "Alberi".
- 3 Selected url**: A red box around the URL in the address bar: [http://prato-tet.routetop.eu:8080/api/3/action/datastore\\_search?resource\\_id=5711cee3-9a18-4379-b5ac-856e8cac0359](http://prato-tet.routetop.eu:8080/api/3/action/datastore_search?resource_id=5711cee3-9a18-4379-b5ac-856e8cac0359).

- **Dataplatform repository (e.g., Search = “Openbare Verlichting Dordrecht”)**

The screenshot shows the 'SELECT DATASET' page of the Dataplatform repository. The top navigation bar has tabs: 'FROM PROVIDERS', 'FROM COCREATED', and 'FROM EXTENDED SEARCH' (which is highlighted with a red box and labeled '1'). Below the tabs is a 'DATASETS LIST' section. A dropdown menu is open under 'Openbare Verlichting Dordrecht', showing four items: 'bestand 1 - masten Dordrecht (CSV)', 'bestand 2 - armaturen Dordrecht (CSV)', 'bestand 1 - masten Dordrecht (JSON)', and 'bestand 1 en 2 - masten en armaturen Dordrecht (Shape)'. The first item is selected and highlighted with a blue background. To the right of the list is a 'DATASET INFO' panel. At the bottom of the page, there is a search bar containing 'Openbare Verlichting Dordrecht' (labeled '2') and a URL in the address bar: 'Selected url https://ckan.dataplatform.nl/api/3/action/datastore\_search?resource\_id=57b4bc06-2f72-4442-b18e-1af2c417025a' (labeled '3').

## 14 LINK-BACK BETWEEN SPOD AND ISSY (OR ANY OPENDATASOFT PROVIDER)

---

Every datalet shown from Open data portal of Issy (<https://data.issy.com/>) (and any OpenDataSoft portal, e.g., Open data portal of Île-de-France), it is possible to connect back to “data source” (see Figure 36) and to the information page of the datasets (see Figure 36).

*Try the following dataset:*

*Address = <https://data.issy.com/api/records/1.0/search/?dataset=lieux-de-cultes-a-issy-les-moulineaux&facet=religion>*

---

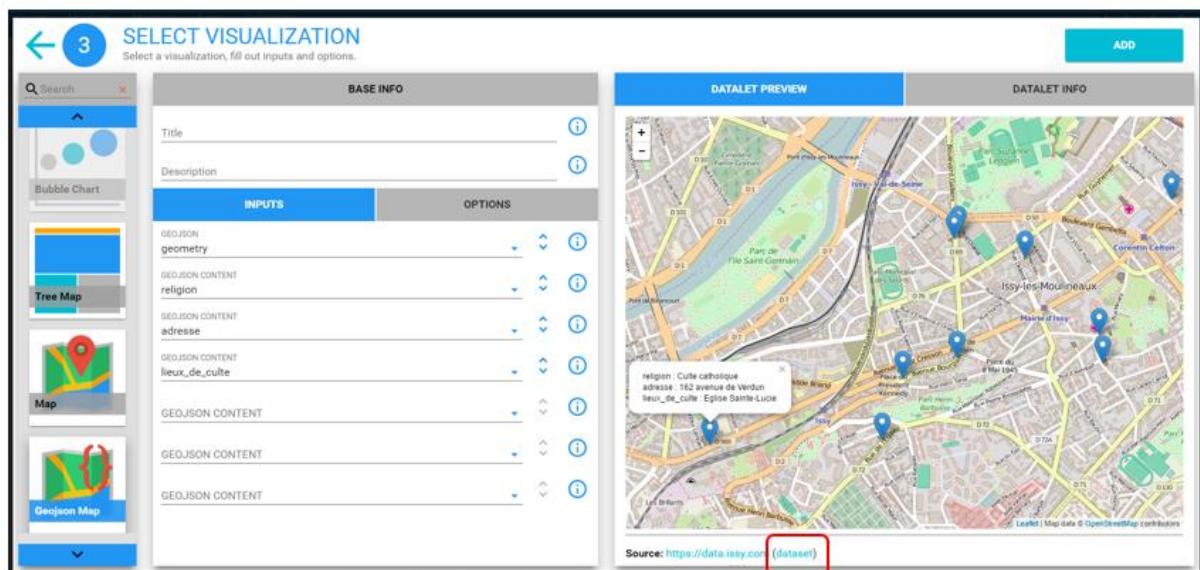


Figure 34: A visualisation of a dataset in Issy portal

In the STEP 3), click on “**dataset**” link to display the page of the dataset of the Open Data provider of Issy-les-Moulineau (see Figure 35).

The screenshot shows a web browser window with the URL <https://data.issy.com/explore/dataset/lieux-de-cultes-a-issy-les-moulineaux/?sort=religion>. The page title is "Lieux de cultes à Issy-les-Moulineaux". The left sidebar shows "10 records" and a "Filters" section with a search bar and a "Religion" dropdown menu containing options like "Culte catholique", "Culte arménien", "Culte israélite", and "Culte protestant". The main content area displays a table with 10 rows of data, each representing a religious site. The columns are "Religion", "Lieu de culte", "Description", "Adresse", and "Code postal". The data includes various churches and synagogues across the city.

Religion	Lieu de culte	Description	Adresse	Code postal
Culte arménien	Église apostolique Sainte-Marie M...	Culte bilingue (arménien-français) ...	6 avenue Bourgoin	92130
Culte arménien	Eglise Arménienne Evangélique	Monseigneur Jacques Turk	28 avenue Bourgoin / 55 avenue V...	92130
Culte catholique	Eglise Saint-Etienne		5 place de l'église	92130
Culte catholique	Séminaire polonois de Paris		11 rue Jules Guesde	92130
Culte catholique	Eglise Sainte-Lucie	Monseigneur Jacques Turk. Adres...	162 avenue de Verdun	92130
Culte catholique	Eglise Notre-Dame des Pauvres	Père Christophe Witko	27 boulevard Gallieni	92130
Culte catholique	Eglise Saint-Benoit	Père Christophe Witko	35 rue Severine	92130
Culte catholique	Eglise Saint-Bruno	Monseigneur Jacques Turk	14 rue de l'égalité	92130
Culte israélite	Synagogue	Rabbin Albert Nakache. La synago...	72 boulevard Gallieni	92130
Culte protestant	Temple Protestant Espace Protest...	Pasteur Agnès-Adeline Schaeffer. ...	18 rue Marceau	92130

Figure 35: The chosen dataset of the Issy-les-Molineux

The screenshot shows the homepage of the Open Data platform of Issy-les-Moulineaux. The top navigation bar includes links for "Data", "Create a map", "Create a graph", "API", "Les réutilisations", "Our approach", "Twitter", and "Contact". Below the navigation is a banner featuring a canal and buildings. The main content area features a "Explore data" section with icons for various datasets. A search bar labeled "Find..." is present. Three sections below show "Last modifications", "Most popular data", and "Last reuses".

### Last modifications

- Les enclos à sapins Modified 8 days ago
- Résultats du 2nd tour des élections régionales Modified 8 days ago
- Résultats du 1er tour des élections régionales Modified 13 days ago
- Réalisations des conseils de quartier de... Modified 19 days ago
- Liste des équipements sportifs à Issy-le... Modified 22 days ago

### Most popular data

- Les commerces ou services en lien avec... 255 downloads
- Liste des fleuristes et jardineries à Issy-les-Moulineaux 244 downloads
- Les entreprises TIC à Issy-les-Moulineaux 163 downloads
- Liste des pharmacies à Issy-les-Moulineaux 134 downloads
- Liste des restaurants à Issy-les-Moulineaux 112 downloads

### Last reuses

- Les équipements sportifs à Issy Liste des équipements sportifs à Issy-les-Moulineaux 22 days ago
- Patrimoine et histoire d'Issy Le patrimoine d'Issy-les-Moulineaux 23 days ago
- Réalisations des quartiers Réalisations des conseils de quartier depuis 2013 23 days ago
- Villes jumelles et partenaires

Figure 36: Open Data platform of Issy-les-Molineux

## 15 DATALET VISUALISATION

A User Interface for visualisation of a datalet enriched with “search” functionality.

### 15.1 SEARCH BOX

Search for open data provider (see below screenshot)

The screenshot shows the 'SELECT DATASET' interface. At the top left is a blue circle with the number '1'. Below it is a search bar with the placeholder 'Select a dataset from the list or copy and paste the url of dataset.' To the right is a large arrow pointing right. The interface is divided into three main sections: 'FROM PROVIDERS' (blue header), 'FROM COCREATED' (grey header), and 'FROM EXTENDED SEARCH' (grey header). The 'FROM PROVIDERS' section contains a dropdown menu labeled 'Provider: All' with options like 'All', 'CKAN', 'Issy-les-Moulineaux', etc. One option, 'Dublinked', is highlighted with a blue background and has a red '1' icon above it. Below the dropdown is a search bar with a magnifying glass icon and a 'Search' button. A 'Selected url' field is at the bottom.

Click on button to start the search for dataset (see number 2 in the screenshot):

- Search facilities while typing
- Search all datasets
- Search by typing only initial character of a word
- Search all dataset containing any word or letters

The screenshot shows the 'SELECT DATASET' interface after a search. At the top left is a blue circle with the number '1'. Below it is a search bar with the placeholder 'Select a dataset from the list or copy and paste the url of dataset.' To the right is a large arrow pointing right. The interface is divided into three main sections: 'FROM PROVIDERS' (blue header), 'FROM COCREATED' (grey header), and 'FROM EXTENDED SEARCH' (grey header). The 'FROM PROVIDERS' section contains a dropdown menu labeled 'Provider: All' with a red '1' icon above it. Below the dropdown is a list of search results:

- Werkzame personen per sector SBI9 per buurt 2015
- Werkzame personen per sector SBI9 per stadsdeel 2015
- Werkzame personen per sector SBI9 per wijk 2015
- Werkgelegenheidscijfers per buurt 2015
- Werkgelegenheidscijfers per stadsdeel 2015
- Werkgelegenheidscijfers per wijk 2015

At the bottom of the list, it says 'Showing 1 to 20 of 1427 datasets'. To the right is a 'DATASET INFO' panel. Below the list is a search bar with a magnifying glass icon and a 'Search' button. A red '2' is placed next to the search bar. A 'Selected url' field is at the bottom.

### 15.2 VISUALIZATION

The first step, on the left side, will show only csv format file.

The screenshot shows the 'SELECT DATASET' interface. On the left, there's a sidebar with a blue circle containing the number '1'. Below it, the provider 'TET-Prato' is selected. A list of datasets is shown, with one item highlighted: 'giardini\_parchi.csv'. To the right, a 'DATASET INFO' panel displays the following details:

```

Organization: comune-di-prato-italy
Dataset Name: giardini-e-parchi
Resource Name: giardini_parchi.csv
Resource Description: Giardini e Parchi, pubblici e privati, presenti nel Comune di Prato

isopen: true
license_title: Creative Commons Attribution
license_url: http://www.opendefinition.org/licenses/cc-by
metadata_created: 2016-12-06T17:27:18.904037
metadata_modified: 2016-12-06T17:27:18.934011
notes: Giardini e Parchi, pubblici e privati, presenti nel Comune di Prato
num_resources: 3
num_tags: 0
private: false
state: active
title: Giardini e Parchi
type: dataset

```

At the bottom, it says 'Showing 21 to 40 of 117 datasets' and 'Selected url: http://prato-tet.routetopa.eu:8080/api/3/action/datastore\_search?resource\_id=92deda4d-16ed-4a22-b4a1-f6d67beb0acc'.

### 15.3 A REMOTE DATASET

Remote address via API available from any CKAN or OpenDataSoft portals (e.g., TET- enabled CKAN platform, Issy-les-Moulineaux, Île-de-France etc...) allows dataset visualisation.

In the STEP1), add in the “Select url” box, a remote dataset via API, a (see Figure below):

The screenshot shows the 'SELECT DATASET' interface. The provider 'All' is selected. A list of datasets is shown, with one item highlighted: 'http://vmdatagov01.deri.ie:8080/api/action/datastore\_search?resource\_id=e721e85e-0619-4b37-a56c-3bf972ed78ed'. This URL is highlighted with a red box. To the right, a 'DATASET INFO' panel is empty. At the bottom, it says 'Showing 1 to 20 of 3537 datasets' and 'Selected url: http://vmdatagov01.deri.ie:8080/api/action/datastore\_search?resource\_id=e721e85e-0619-4b37-a56c-3bf972ed78ed'.

Figure 37: A remote dataset via API from TET provider

### 15.4 DATA

Try your dataset with the following dataset:

<https://data.issy.com/api/records/1.0/search/?dataset=structures-petite-enfance-a-issy-les-moulineaux&sort=type&facet=type&facet=gestionnaire>

## 15.5 SUGGESTION TYPE ERROR

A first check on the data in the dataset with a yellow triangle with explanations to highlight problem of the dataset:

The screenshot shows the 'SELECT DATA' interface. On the left, a 'FIELDS' sidebar lists various fields: nomlong, num\_mod (selected), num\_psr, principal, rer, res\_com, res\_stif, reseau, and terfer. On the right, a 'SELECTED DATA' table displays data for 'terfer'. A red arrow points from the 'terfer' field in the sidebar to the 'terfer' column in the table. A yellow warning icon is present above the table, and a red box highlights a warning message: 'WARNING: The column <terfer> is of type <NUMBER>. 37 values are not <NUMBER>.' The table also contains rows for Metro, RER, Train, and other modes of transport.

	SELECTED DATA			
Metro	0	Anvers	2038	0
RER	0	ARCUEIL-CACHAN	2469	0
Train	0	WARNING: The column <terfer> is of type <NUMBER>. 37 values are not <NUMBER>.		
Metro	0	Argentine	2005	0
RER	0	AROPORT CHARLES DE GAULLE 2-TGV	2496	RER_B
RER	0	AROPORT CHARLES-DE-GAULLE 1	2492	0
Tramway	0	Aeroport d'Orly	0	0
Navette	1	AROPORT D'ORLY - TERMINAL OUEST	2396	0
Navette	1	AROPORT D'ORLY - TERMINAL SUD	2397	0
RER	0	ARPAGON	2566	0

## 15.6 EXPERT MODE

- Expert section with Filters, Group By

The screenshot shows the 'SELECT DATA' interface in 'EXPERT MODE'. On the left, a 'FIELDS' sidebar lists fields: reseau, terfer (selected), temetro, ternavette, terner, tertrain, terram, terval, and train. On the right, a 'SELECTED DATA' table shows data for 'terfer' with 5 rows. Below the table are 'FILTERS', 'GROUP BY', and 'QUERY' sections. The 'GROUP BY' dropdown is set to 'Field'. The 'CALCULATE' dropdown is set to 'Field'. Buttons for adding (+) and removing (-) group by fields are available, along with a 'DISABLE GROUP BY' button.

	SELECTED DATA			
RER	224		224	
Tramway	187		187	
Train	157		157	
Navette	10		10	

FILTERS: GROUP BY: FIELD: QUERY: + - DISABLE GROUP BY

## 15.7 CHOICE OF A CHART

A list of available charts is displayed on the left side and details for each chart on the right side

The screenshot shows the 'SELECT VISUALIZATION' interface. On the left, there is a sidebar with a search bar and a list of chart types: Bar Chart, Column Chart, and Line Chart. The 'Column Chart' is selected. The main area is divided into three sections: 'BASE INFO', 'DATALET PREVIEW', and 'DATALET INFO'. The 'BASE INFO' section contains fields for 'Title' and 'Description', and tabs for 'INPUTS' and 'OPTIONS'. The 'INPUTS' tab is active, showing settings for 'X-AXIS' (set to 'mode'), 'Y-AXIS [NUMBER]' (set to 'COUNT(mode)'), and 'CATEGORY [OPT]'. The 'OPTIONS' tab is also present. The 'DATALET PREVIEW' section shows a sample column chart with three bars labeled 383, 224, and 187. The 'DATALET INFO' section provides a detailed description of a Column Chart.

## 15.8 INPUTS

The fields in the INPUTS section drives a user in the design of a chart, shown as preview on the left side

This screenshot shows a more complex configuration for a Column Chart. The 'INPUTS' tab in the 'BASE INFO' section is set to 'mode' for the X-axis and 'COUNT(mode)' for the Y-axis. The 'OPTIONS' tab is also visible. The 'DATALET PREVIEW' section displays a bar chart with data labels above each bar: Metro (383), RER (224), Tramway (187), Train (157), and Navette (10). A legend indicates that the blue color represents 'COUNT(mode)'. The 'DATALET INFO' section includes a source link and a 'Powered by ROUTE-TO-PA' logo.

Figure 38: Select and customize a chart with additional information (e.g., Base Info, Labels etc...)

## 15.9 OPTIONS

Customize a chart with additional information (e.g., Legend, theme, Labels etc...)



## 15.10 COLUMN BAR CHART

In the “OPTIONS” section, configure “stack” option with “No” or “Yes” values for a column chart or a stacked column chart respectively.

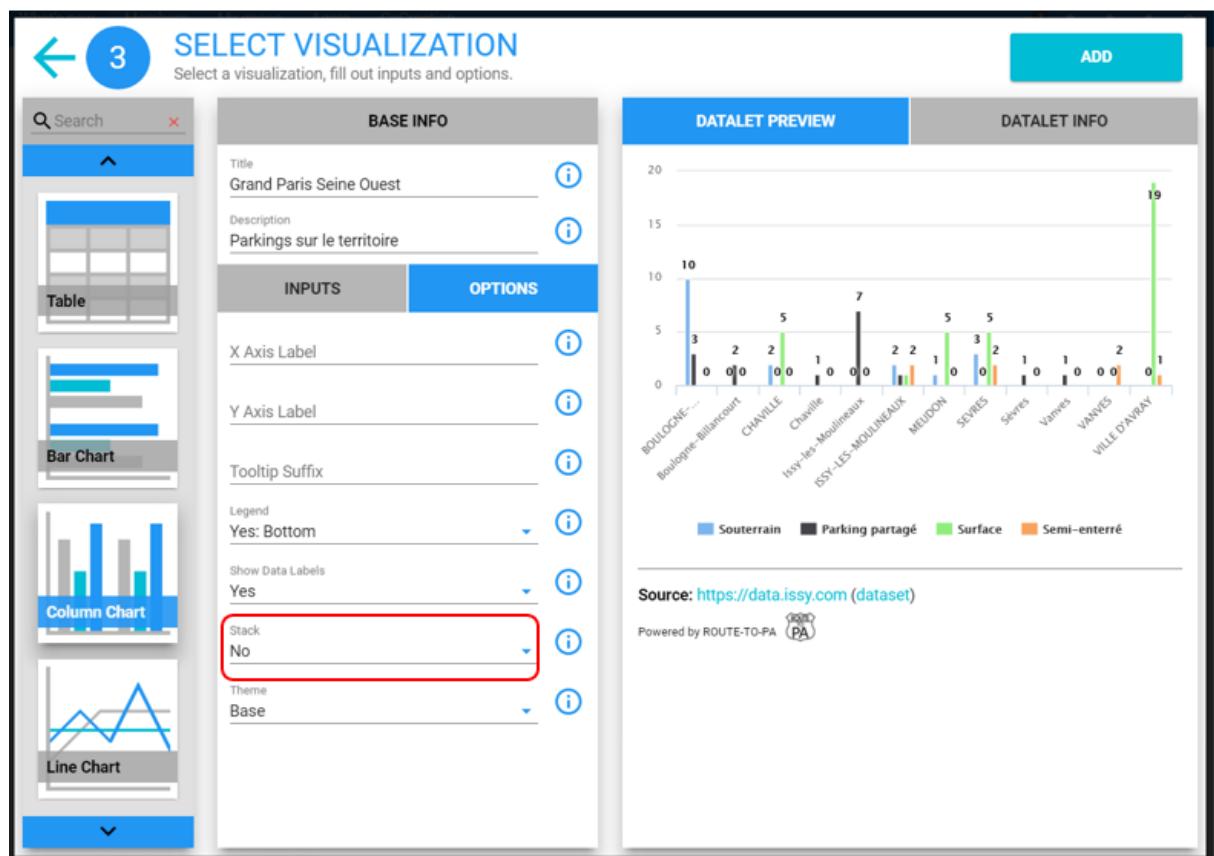


Figure 39: A column chart setting “Stack” option with “No” values

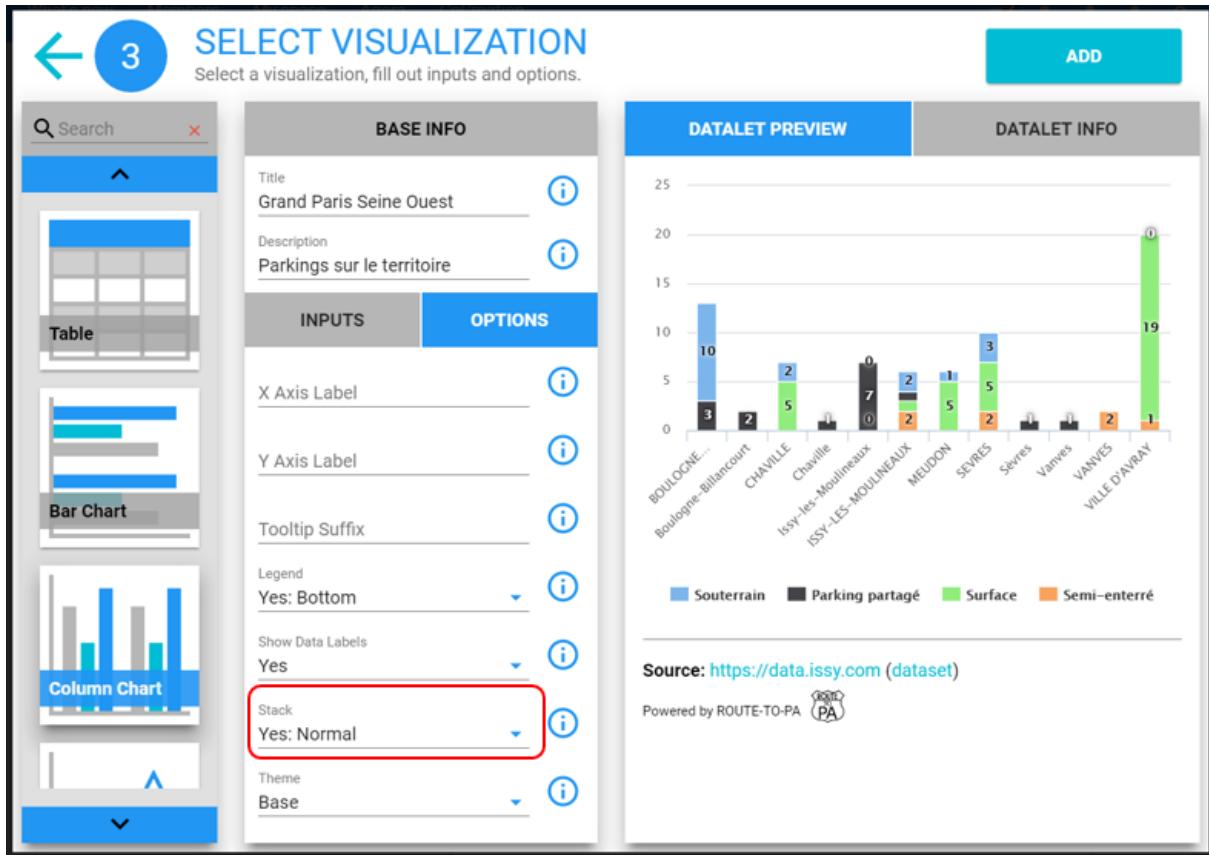


Figure 40: A stacked chart setting “Stack” option with “Yes” values

## 16 BLOGS

Blogs allow all users, also not registered users to vote (rates) on a specific post of Blogs. Only an user of SPOD as role as “bloggers” can create or modify a new post in the Blogs. A blog allows to add post, to allows votes (until now available only in [prato.routetopa.eu](http://prato.routetopa.eu) )

**Blogs**

RECENTI | PIÙ VOTATI | ETICHETTE

**Ampliamento della rete Wi-Fi libera con i suggerimenti dei cittadini.**

Il Comune di Prato si appresta ad ampliare la copertura della propria infrastruttura wifi installando nuovi hot-spot. Per fare ciò, oltre a prevedere installazioni già pianificate nell'ambito di altri interventi specifici, ha deciso di chiedere il contributo dei cittadini mediante la formulazione motivata e ragionata di proposte per nuove installazioni. Il processo partecipativo si realizzerà attraverso l'utilizzo di uno strumento di "co-creazione" in rete della piattaforma Social Platform Open Data (SPOD), messo a disposizione dal progetto europeo ROUTE-TO-PA di cui il Comune di Prato è partner attivo.

Gli Open Data del Comune di Prato

I dati aperti pubblicati dal Comune di Prato sono disponibili in vari formati sulla piattaforma ODN del Comune di Prato: sono suddivisi per categorie e sono liberamente scaricabili dai cittadini. La piattaforma costituisce un nodo della rete Open Data Network, di cui fanno parte anche altre Pubbliche Amministrazioni toscane.

Cosa offre la piattaforma SPOD

Agora

Contiene le stesse pubbliche: tutti gli utenti possono accedere ma solo quelli registrati possono contribuire alla discussione. Utente può aprire una stanza su un certo tema ed inviare una discussione, corredando i messaggi con visualizzazioni di dati o altri contenuti.

Spazio privato

In questa sezione, l'utente può creare delle schede personali contenenti visualizzazioni di dati, link ad altri contenuti o testo. Le schede possono poi essere inserite in un messaggio in una discussione.

Co-creazione

In questa sezione, l'utente può aprire stanze per la creazione condivisa di documenti e dataset ed invitare altri utenti a partecipare. I dataset costruiti possono essere pubblicati su SPOD per rendere visibili a tutti gli utenti.

Come si svolgono i momenti di co-creazione:

L'utente può partecipare direttamente sulla piattaforma SPOD (Social Platform for Open Data) o partecipare alle discussioni sul tema in oggetto, utilizzando come supporto gli open data resi disponibili dalla piattaforma. I dati saranno accessibili anche tramite la piattaforma TET (Transparency Enhancement Toolkit), collegata a SPOD ma anche direttamente accessibile all'indirizzo [prato.tet.routetopa.eu/](http://prato.tet.routetopa.eu/). Tramite SPOD gli utenti potranno inoltre creare in modo condiviso i propri dataset.

Creare un proprio dataset di proposta per le nuove installazioni wifi:

Gli utenti potranno inviare altri in apposita "stanza" e costruire un dataset collettivo delle installazioni wifi proposte e visualizzarlo su una mappa. Il dataset è un foglio tabellare in cui si possono inserire le informazioni e le coordinate delle nuove installazioni. Una volta creato, il dataset può essere pubblicato e reso accessibile ed utilizzabile per tutti gli utenti che partecipano alle discussioni sulla piattaforma. Le proposte verranno comunque resse pubbliche sul blog di SPOD e potranno essere votate dagli utenti.

Ecco un esempio di dataset che rappresenta una mappa interattiva del Wi-Fi a Prato:

The “What’s new” page displays Blogs to be shared among SPOD users.

Figure 41: Blogs among widgets (on the left side) in the What's new page.

A user with “Bloggers” role can write a new post

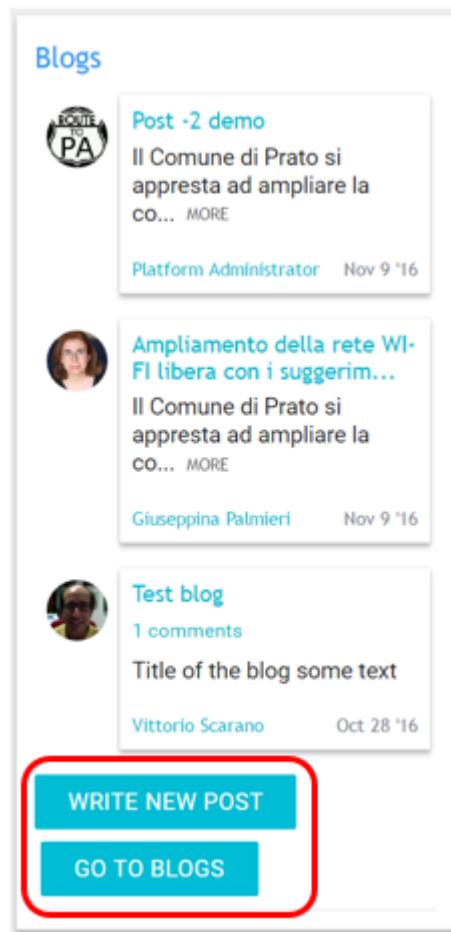


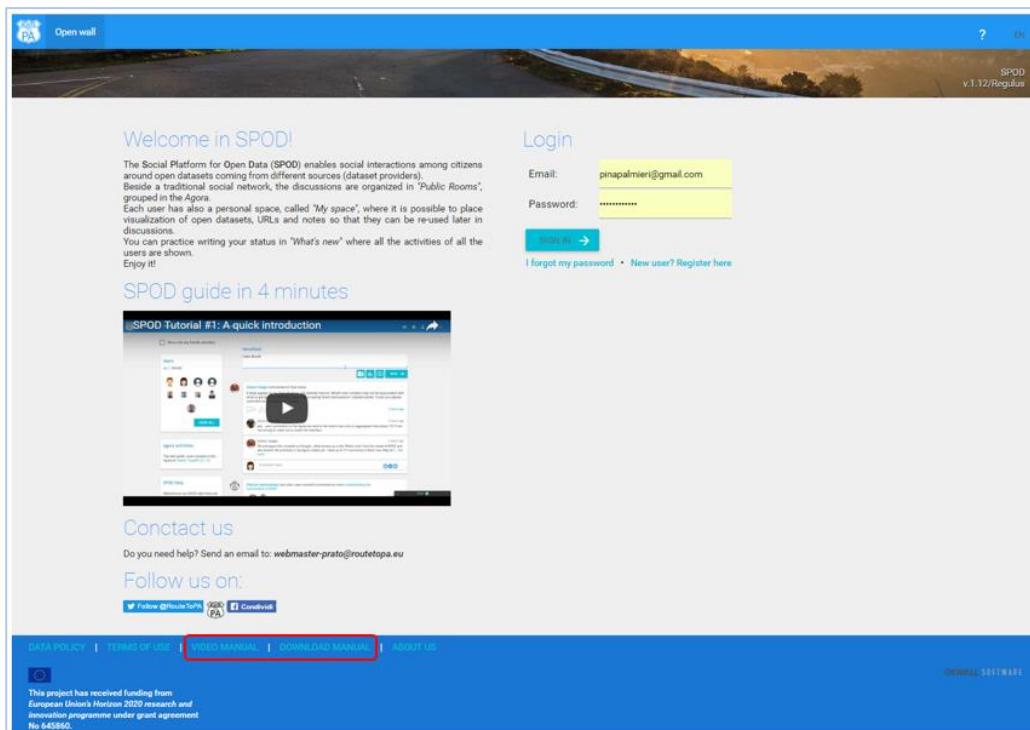
Figure 42: Only a user with "Blogger" role can write a new post

## 17 MANUAL AND VIDEOS

---

### 17.1 MANUAL EASILY ACCESSIBLE

Manual link is available, at the right bottom of the page in SPOD platform.



## 17.2 VIDEO INSTRUCTIONS ON YOUTUBE

Video Manual link is available, at the right bottom of the page in SPOD platform (see below screenshots).

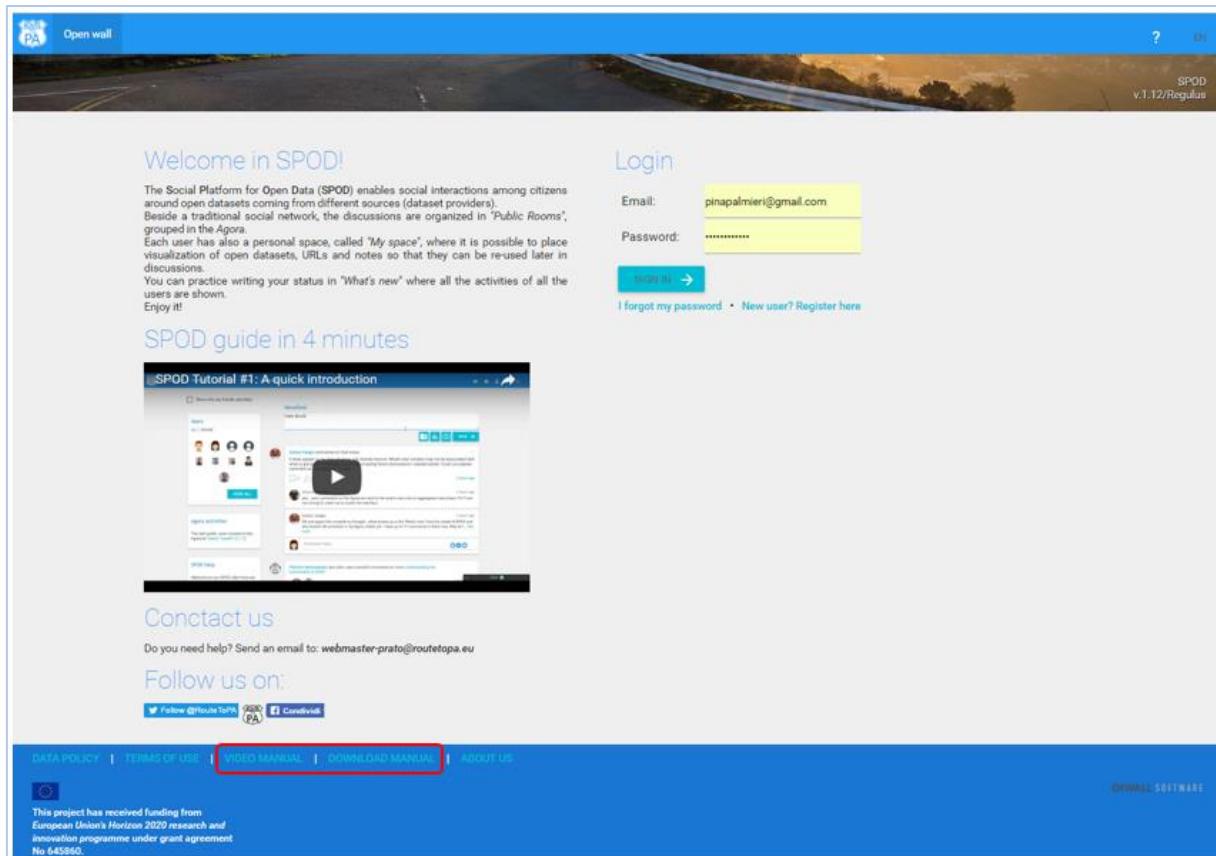


Figure 43: "Video Manual" and "Manual" on the right bottom of the page in SPOD platform

Video Manual is a YouTube channel with videos to explain main functionalities in SPOD platform.

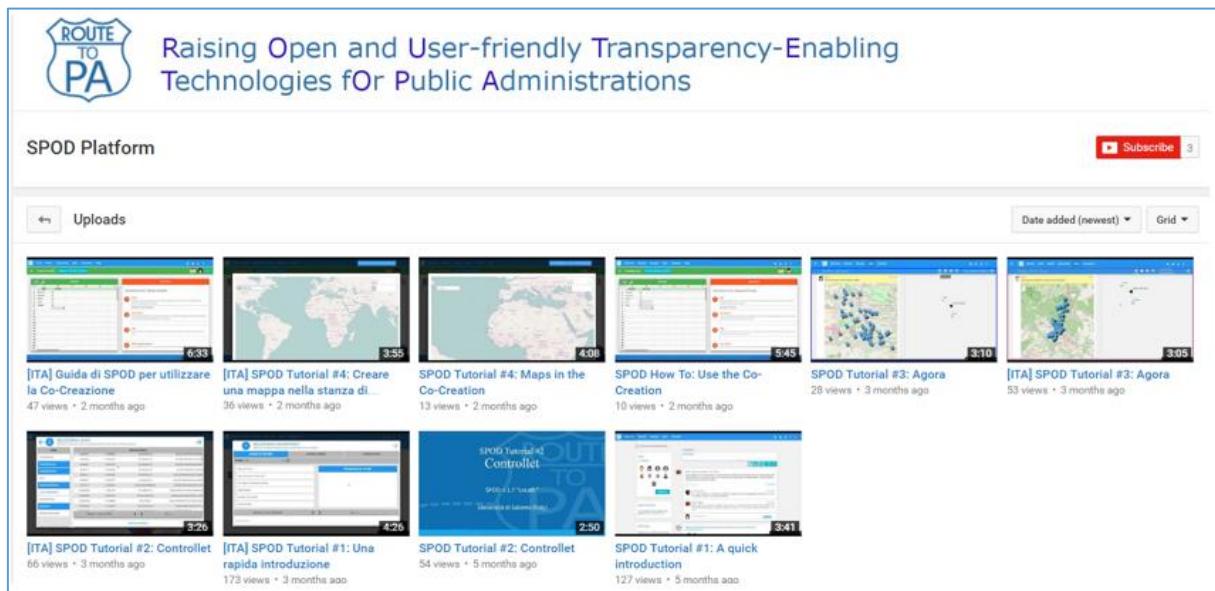


Figure 44: YouTube channel for SPOD platform

### 17.3 CONTEXT-SENSITIVE HELP

In each page (e.g., Agora etc.), or in any widget of the UI (e.g., buttons etc..), a description is provided with detailed tooltips or a brief explanation that define precisely how to interact with the control/page in question.

The online help system in SPOD platform is available selecting , the question mark button, and a small window will popup with a short explanation of the item you selected. The features will be present in following pages:

- Public Room
- Agora
- My space
- Open Wall
- What's new
- Members
- Cocreation (data and knowledge) room

Enrich tooltips help users with further explanations of the features in the SPOD.

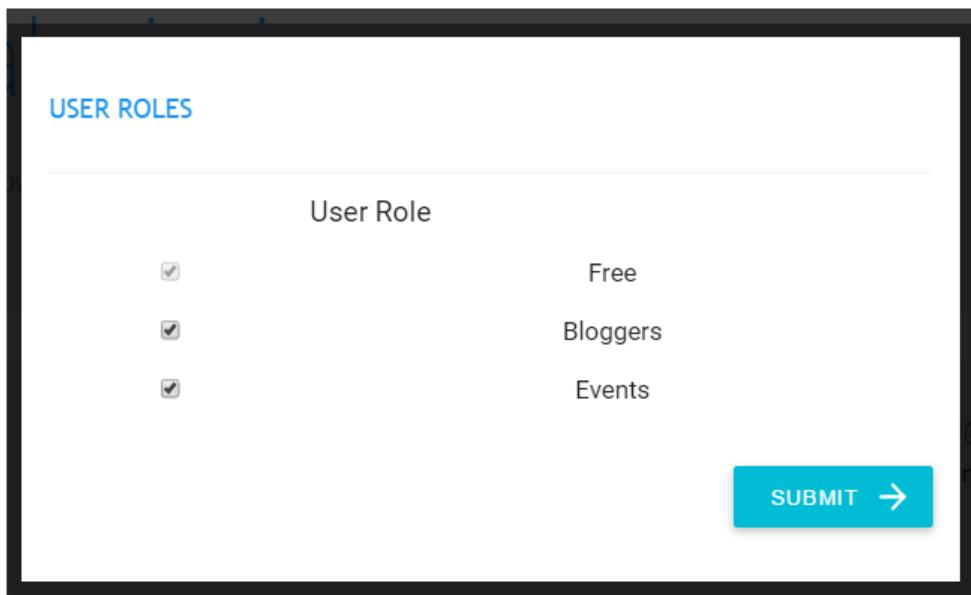
## 18 EVENTS

Only a user of SPOD as role as “Events” can create or modify a new event (name, time, location, address, description, image, event/organiser website etc). A new event allow to add a datalet or import from the private space one own datalet.

A list of features available:

- Upcoming events
- Past events
- My events
- Invitations
- A datalet (a new datalet or select a datalet from private space (i.e., My space page)) can be embedded in the description of the event
- Add link to google maps at a particular location with a marker on a particular point (for example, location of the event).

Only those users with assigned “Events” user role, will be able to execute actions specified in permissions of this role, such as for example create a new event.



# Christmas Holiday demo

DELETE EDIT

I'm attending (change)

Details		Description
Date & time	Dec 19	Christmas holiday in ISISLab laboratory , maps
Event ends	Jan 3 '17	
Location	laboratory	
Creator	Giuseppina Palmieri	

Figure 45: Event with map to show the location, i.e. clicking on “map” link and geographic location is showed

## 18.1 HOW ADD COORDINATE TO FIND A PLACE OF AN EVENT

Add link to google maps at a particular location with a marker on a particular point (for example, location of the event), you can:

- 1) Open [Google Maps](#)
- 2) In the search box at the top, type your address of location of the event
- 3) In the left corner, click the Menu e
- 4) At the top of the box that appears, choose “Share or Embed map”.
- 5) Choose “Share link ” tab to copy the URL of the location to paste into the description of the event.

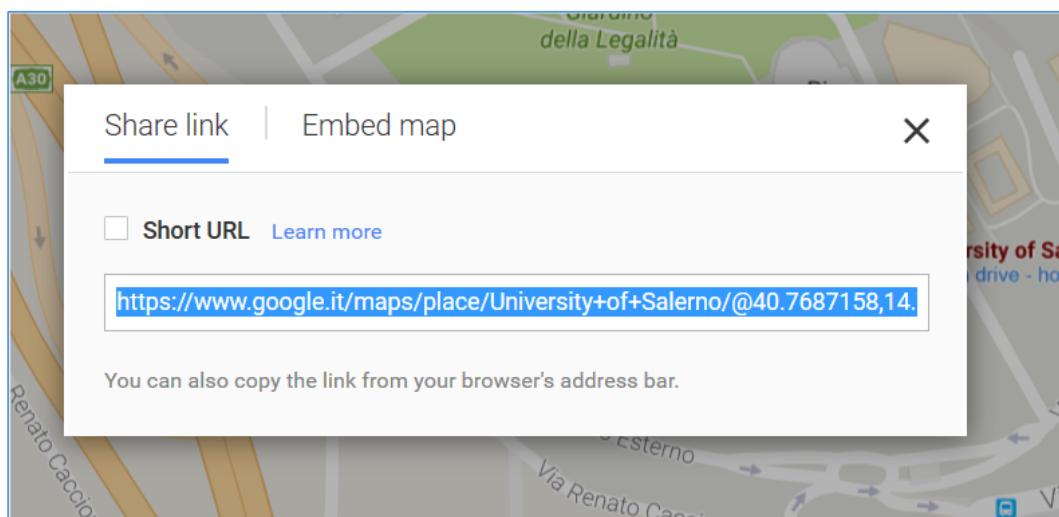
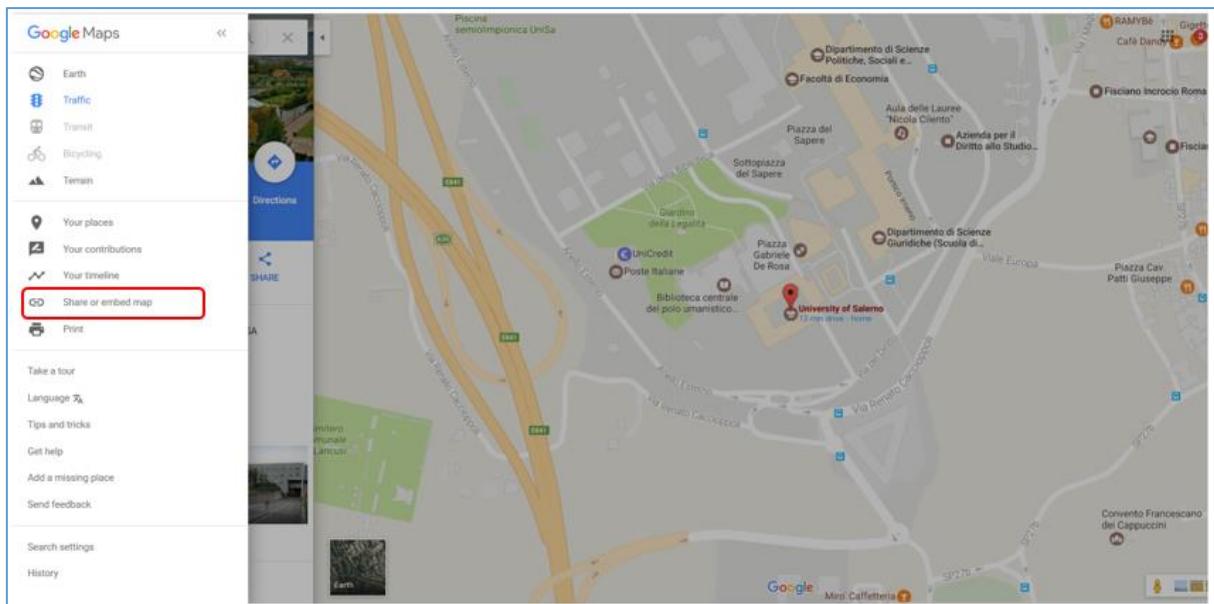


Figure 46 Click on "Share or embed map" of the left menu and a new window opens to copy and paste the URL of the event

To add the geographic location of the event, in the description of the event, you can click on the button in the toolbar, and a new window opens to add the URL of the location of the event.

Title Christmas Holiday demo

Date & time 19 Dec 2016 all day

Event ends  3 Jan 2017 all day

**B I U **

Christmas holiday in [ISISLab laboratory](#),

Description

**INSERT LINK**

Text to display:  
maps

To what URL should this link go:  
<https://www.google.it/maps/@40.771576,14.7861622,1247i>

Open in new window

**INSERT +**

Figure 47: In the description of the event, click on the “Add URL”, (i.e. red highlighted icon) and new window opens to paste the previously URL

## 18.2 HOW EMBEDDED A DATALET IN THE EVENT

Another feature in the event, allows to embed a new datalet or import a datalet, previously created, from private space:

My space Agora CoCreation Blogs Events

Location UNISA Laboratory

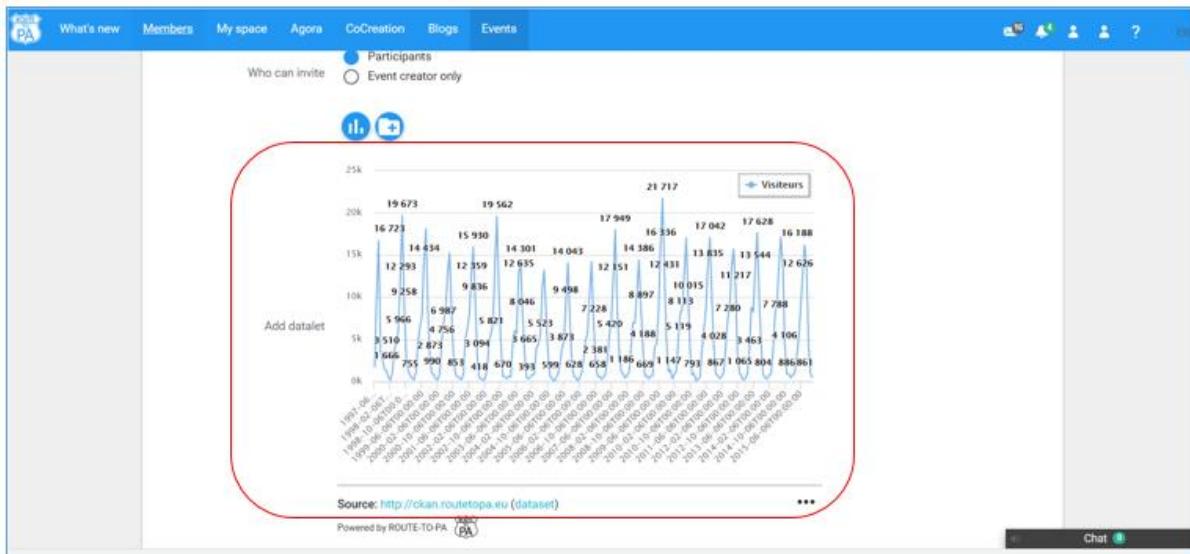
Image  Scegli file Nessun file selezionato

Who can view  Anybody  By invitation only

Who can invite  Participants  Event creator only

Add datalet 

**EDIT**



The screenshot shows the ROUTE TO PA platform's main dashboard. At the top, there are navigation tabs: 'What's new', 'Members', 'My space', 'Agora', 'CoCreation', 'Blogs', and 'Events'. Below these, the 'Blogs' section displays several posts from users like Platform Administrator, Giuseppina Palmieri, and Vittorio Scarano. A red box highlights the 'Upcoming events' section, which lists two events: 'Christmas Holiday demo' and 'Demo event with datalet embedded'. The 'Events' section to the right shows a timeline of activities, including room creations by Innovaway and comments by Platform Administrator and Vittorio Scarano.

## 18.4 AN INVITATION TO AN EVENT

To invite a user to an event, click on the **INVITE +** button

This screenshot shows the details of the 'Christmas Holiday demo' event. The event is scheduled for December 19 at ISISLab laboratory. The 'INVITE +' button is highlighted with a red box. The 'Who's attending' section shows one user invited, with options for 'YES | MAYBE | NO'. The 'NewsFeed' section indicates 'No comments'.

Choose a user to invite to the event.

The invited user will receive a notify in SPOD.

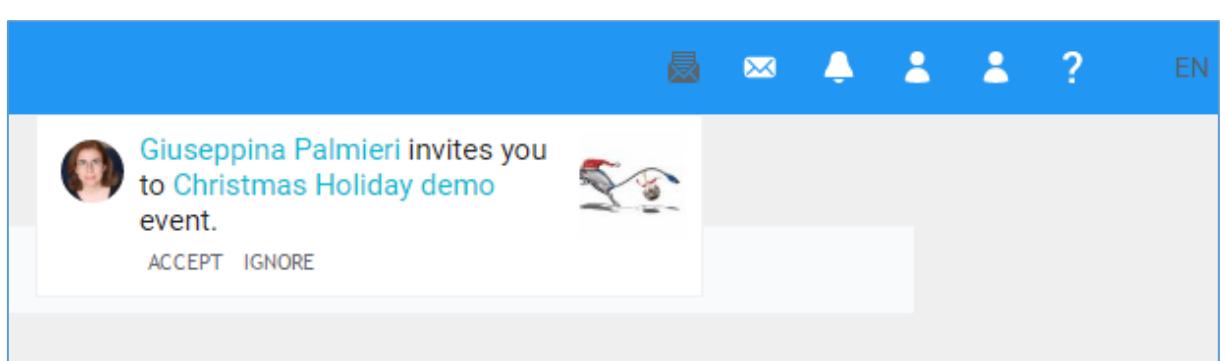


Figure 48: Notify an invited user

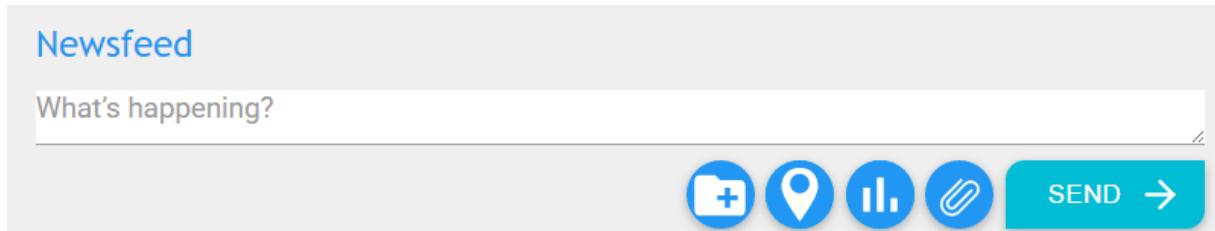
An invited user can see the invitation (see below screenshot)

## 19 MAPS

A new map datalet based on openlayer allows to visualize KML, WMS and GeoJSON data on a multi layer map (such as OSM Standard, Cycle, Transport, Landscape and Humanitarian).

A new map datalet based on openlayer that is capable to visualize KML, WMS and GeoJSON data on a multi layer map (such as OSM Standard, Cycle, Transport, Landscape and Humanitarian).

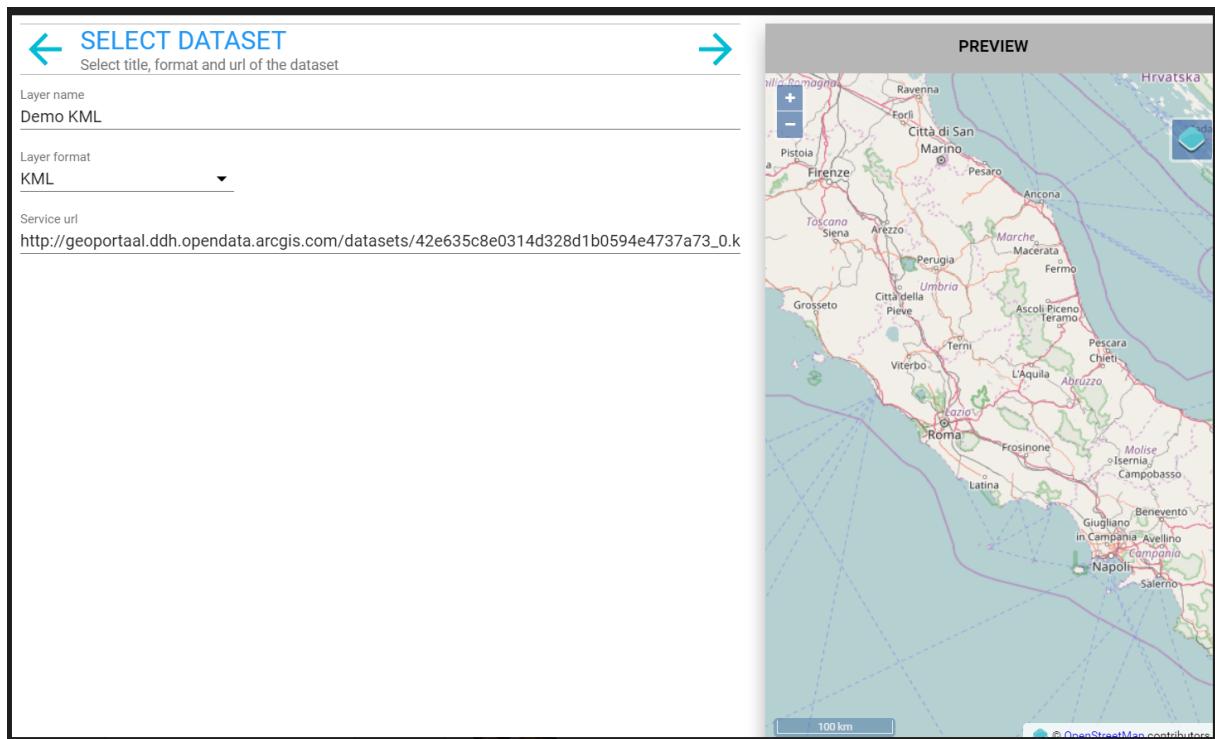
A  new button has been introduced in My friends' activities/What's new that it opens the map authoring system.



### An example:

An example in Dataplatform open data portal (<https://ckan.dataplatform.nl/>) with GeoJSON format file:

(e.g., "Marktplaatsen Amersfoort", [https://ckan.dataplatform.nl/dataset/amersfoort-amersfoort-aib\\_mh\\_marktplaatsen/resource/19846759-fa8e-44f3-aceb-7dacce4da945](https://ckan.dataplatform.nl/dataset/amersfoort-amersfoort-aib_mh_marktplaatsen/resource/19846759-fa8e-44f3-aceb-7dacce4da945))



The screenshot shows two side-by-side sections of a web application. On the left, under the heading 'SELECT DATASET', there is a form with fields: 'Layer name' (set to 'Demo KML'), 'Layer format' (set to 'KML'), and 'Service url' (set to [http://geoportaal.ddh.opendata.arcgis.com/datasets/42e635c8e0314d328d1b0594e4737a73\\_0.kml](http://geoportaal.ddh.opendata.arcgis.com/datasets/42e635c8e0314d328d1b0594e4737a73_0.kml)). On the right, under the heading 'PREVIEW', there is a map of Italy showing regions and cities. A legend in the top right corner indicates '100 km' scale. The map is overlaid with a light blue grid. The bottom right corner of the map area contains the text '© OpenStreetMap contributors'.

**DATASET INFO**  
Information on layer content

Geometry type  
**Point**

Geometry name  
**geometry**

Features count  
**11**

Properties name  
**geometry, OBJECTID, Naam, Omschrijving, Straat, Huisnummer, Telefoon, foto, Link**

**PREVIEW**

User layers  
 Demo KML

Base map  
 OSM Standard  
 OSM Cycle  
 OSM Transport  
 OSM Landscape  
 OSM Humanitarian

#### 19.1.1 EXAMPLES: OPEN DATA PORTAL WITH AVAILABLE ADDRESSES (KML, GEOJSON, WMS)

#### 19.1.2 OPENDATA NETWORK IN PRATO, ITALY

In Prato, Italy, the open data portal made available address in kml format files.



Accedi

## OpenData Network — Nodo Comune di Prato

[Cerca](#) [Categorie](#) [Informazioni](#)

### Strade Comune di Prato / 2016-06-23/archi\_strade.kml

Visualizza
Risorse (2) 
Cronologia

Licenza
 [OPEN DATA](#)

Formato
kml

**Descrizione della risorsa:**

file kml per Google Maps, Google Earth, ecc.

**Informazioni supplementari**

Nome	2016-06-23/archi_strade.kml
url	<a href="http://odn.comune.prato.it/it/storage/f/2016-06-23T105735/archi_strade.kml">http://odn.comune.prato.it/it/storage/f/2016-06-23T105735/archi_strade.kml</a>
Referente	

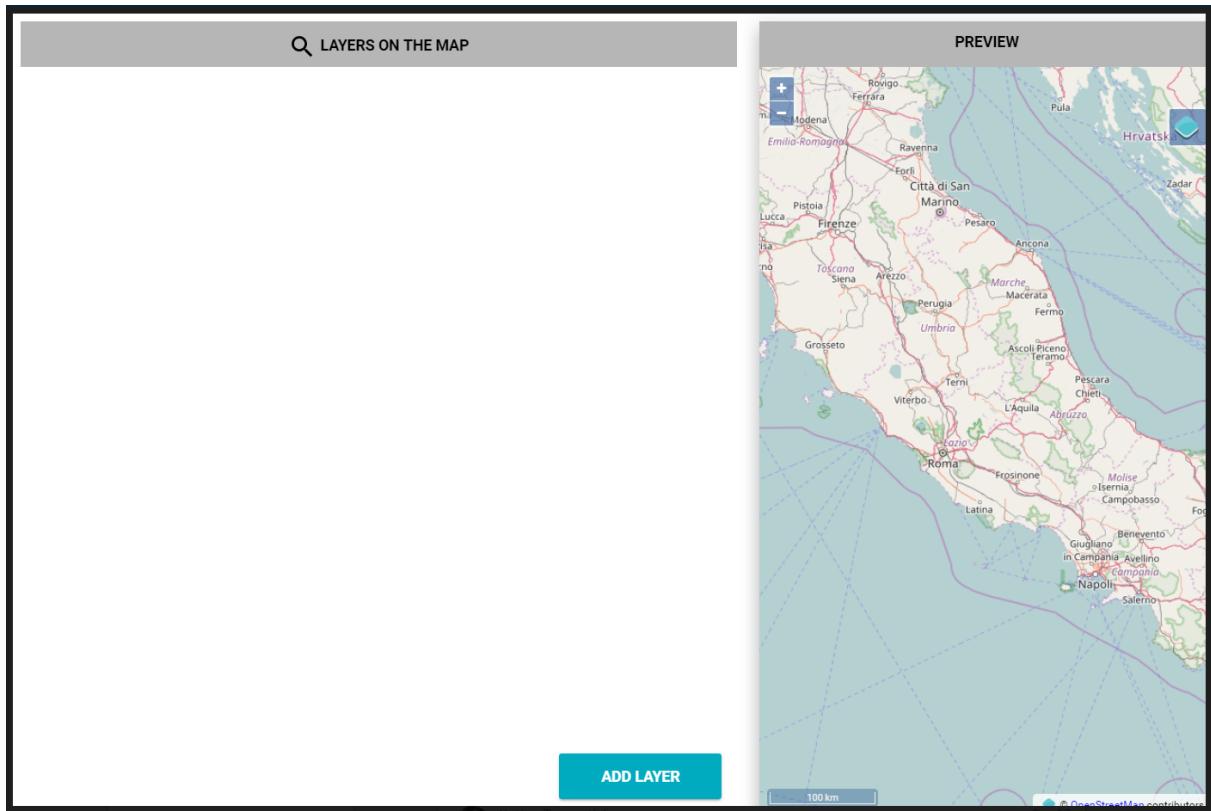
Anteprima
 Download

Anteprima non disponibile per il tipo dei dati: kml

Copy the address of KML (i.e., [http://odn.comune.prato.it/it/storage/f/2016-06-23T105735/archi\\_strade.kml](http://odn.comune.prato.it/it/storage/f/2016-06-23T105735/archi_strade.kml)) file and paste in SPOD.

In SPOD, you can follow the steps:

1) click on **ADD LAYER** button,



2) Fill "Service url" field with URL of the Open Data portal, Layer name, Layer format fields (such as KML, GeoJSON, WMS)

**SELECT DATASET**

Select title, format and url of the dataset

Layer name  
Demo KML file

Layer format  
KML

Service url  
[http://odn.comune.prato.it/it/storage/f/2016-06-23T105735/archi\\_strade.kml](http://odn.comune.prato.it/it/storage/f/2016-06-23T105735/archi_strade.kml)

**PREVIEW**

3) On the left side, the “Preview” show Base map features

**DATASET INFO**

Information on layer content

Geometry type  
MultiLineString

Geometry name  
geometry

Features count  
1807

Properties name  
geometry, name, lunghezza, codvia6, topo\_rid, id\_strada

**PREVIEW**

The next step allows to show the style of the layer.

### 19.1.3 OPENDATA NETWORK IN NETHERLAND

The open data CKAN portal in Netherland, [Dataplatform](#) offers datasets in many format (JSON, GEOGson, KML etc).

The screenshot shows the main interface of the Dataplatform website. At the top, there's a navigation bar with links for 'DATASETS', 'ORGANISATIES', 'GROEPEN', and 'OVER'. On the far right, there's an 'Inloggen' button. Below the navigation, there's a large image of a road intersection. The main content area has a header 'Datasets' with a back arrow. To the left is a sidebar with a map of the Netherlands and a 'Filter by location' section. The main content area includes a search bar with placeholder 'Doorzoeken datasets...', a sorting dropdown set to 'Relevantie', and a count of '800 datasets gevonden'. Below this, there are several dataset cards. One card for 'Stikstofdioxide' is shown with a brief description and download links for 'API', 'JSON', and 'WFS'. Another card for 'Woningkartotheek Schiedam' is also visible. The 'Gemeentelijke Monumenten Schiedam' card is highlighted with a red box around its title and a '64 keer bekeken' badge. It has a description and download links for 'CSV' and 'GeoJSON'. A third card for 'Meldingen Openbare Ruimte Schiedam' is partially visible below it.

This screenshot shows a detailed view of a specific dataset. The URL at the top is <https://ckan.dataplatform.nl/dataset/cc1d40ba-cada-4779-981f-ff981c9ee5f8/resource/94c9a26d-c8f4-47df-bbfc-160273ed13b1/download>. The page title is 'Gemeentelijke Monumenten Schiedam'. There are buttons for 'Data Explorer', 'Text', and 'GeoJSON'. A 'Ga naar bron' button is highlighted with a red box. Below the title, there's a message about the resource being unavailable. A 'Download bron' button is also present. On the left, there's a sidebar with 'Bronnen' (Sources) and categories like 'Gemeentelijke Monumenten', 'Sozial', and 'Google+'. The main content area has a 'Metadata' table with rows for 'Laatst gewijzigd' (20 december, 2016), 'Gecreëerd' (2 maart, 2016), and 'Formaat' (GeoJSON). There's also a 'Instuilen' (Embed) button.

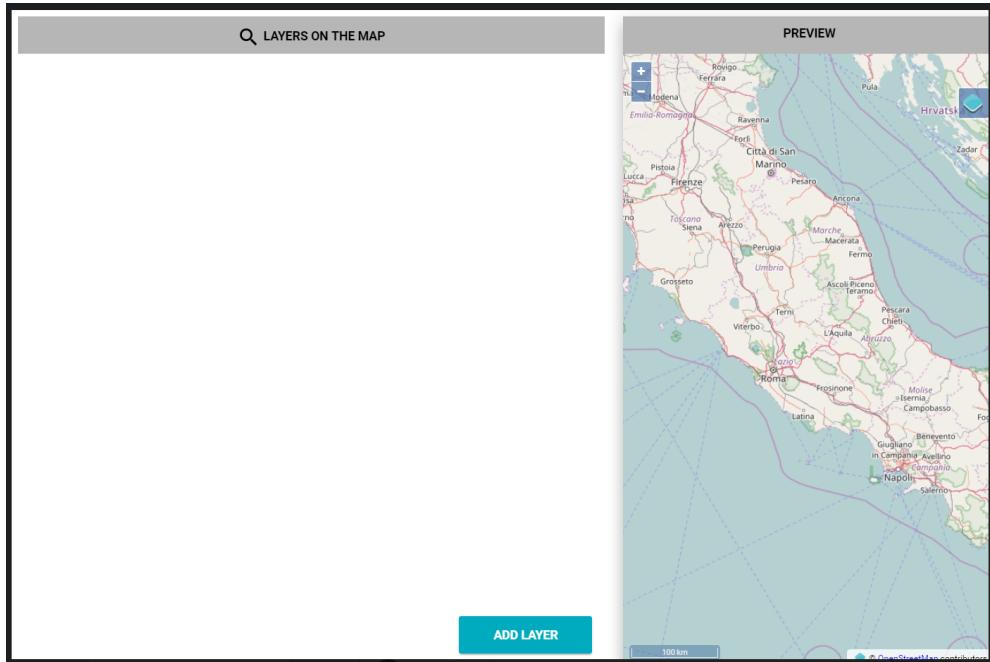
Figure 49: Click on the top right corner to copy the address of GeoJson dataset and to paste in the maplet feature

An example in SPOD:

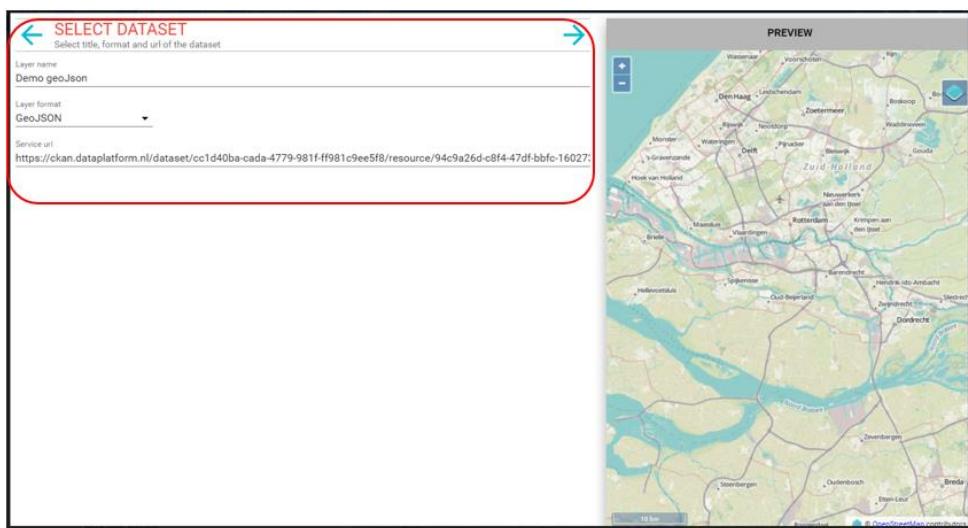
GeoJson file with address = <https://ckan.dataplatform.nl/dataset/cc1d40ba-cada-4779-981ff981c9ee5f8/resource/94c9a26d-c8f4-47df-bbfc-160273ed13b1/download/monumentensdam.json>

You can follow the steps:

- 1) click on **ADD LAYER** button,



- 2) Fill "Service url" field with URL of the Open Data portal, Layer name, Layer format fields (such as KLM, GeoJSON, WMS)



## 20 NOTIFICATION ACTIVITY

---

### 20.1 ACTIVITY ON SPOD PLATFORM

Any User in his/her profile>>preferences>>Email notifications, can select which notifications s/he would like to receive via email.

Setting, for example "Automatically (if you don't show up on the site for 2 days)", if this user was not logged in to your site for more than 2 days, s/he will get notifications via email. If user logs in, for example, daily, then those notifications will be displayed as "real time" ones under "Notifications" console item (usually top right corner of SPOD).

Each user can receive notification following the Fibonacci series of number (13, 21, 34, 55, 89, 144, 233, 377 610,987, 1597, 2584, 4181, 6765), to decide on the frequency of the emails going out; an example, each 13, 21 etc.. comments a notification arrives on SPOD either via e-mail that the platform (see on the top right corner in SPOD)

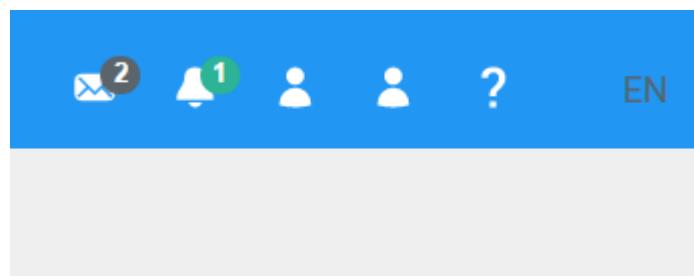


Figure 50: Notification in SPOD

Also send by email

Immediately

Automatically (if you don't show up on the site for 2 days)

Never

SAVE

The screenshot shows the 'My Preferences' interface with the 'MAIL NOTIFICATIONS' tab selected. Under the 'CoCreation' section, there is an option 'Also send by email' which is checked. Below it, there are three radio button options: 'Immediately', 'Automatically (if you don't show up on the site for 2 days)', and 'Never'. A red box highlights the 'Also send by email' checkbox and its associated dropdown.

An example of received e-mail notification:

The email notification is from 'SPOD <webmaster@routetopa.eu>' at 10:58 (41 minuti fa). The subject is '[ROUTETOPA-WEBMASTER] New message from Francesco'. The message body starts with 'Ciao Spodadmin,' and 'Ecco le ultime attività su [SPOD](#) per te:'. It includes a timestamp 'Dic 13' and a profile picture of 'Francesco'. Below the profile picture is a QR code and a link 'New message from Francesco'. The message ends with 'Collegati ora! SPOD <http://prato.routetopa.eu/>' and two links for managing notifications: '[Cancellati da questo tipo di notifiche](#) [Cambia preferenze e la frequenza di queste notifiche](#) | [Cancellati da tutte le notifiche](#)'.

## 20.2 COCREATION DATA ROOM NOTIFICATION

The moderator of the Cocreation (data) room receives only those notifications which s/he selected to receive under "My Preferences">>Email notifications of his/her accounts (see in the attached screenshot, Cocreation section).

The screenshot shows the 'Mail Notifications' settings page. At the top, there are tabs for 'GENERAL' and 'MAIL NOTIFICATIONS', with 'MAIL NOTIFICATIONS' being active. Below the tabs, there are several sections with checkboxes:

- Base**: Someone comments on my profile (checked)
- Friends**: Someone sends me friend request (checked), Someone accepts my friend request (checked)
- Messages**: Someone sends me a new mail message (checked), Someone sends me a new chat message (checked)
- Newsfeed**: Someone comments on my status (checked), Someone likes my status (checked), Someone writes on my wall (checked)
- CoCreation**: Someone creates a new cocreation room (checked), Someone comments in a data cocreation room (checked)

The screenshot shows the 'CoCreation' notifications settings page. It contains a single checkbox:

- Qualcuno a creato una nuova stanza di cocreazione (checked)
- Qualcuno ha commentato in una stanza di cocreation dati (checked)

Figure 51: Setting for a moderator of Cocreation data room

The screenshot shows the 'Mail Notifications' settings page. At the top, there are tabs for 'GENERAL' and 'MAIL NOTIFICATIONS', with 'MAIL NOTIFICATIONS' being active. Below the tabs, there are several sections with checkboxes:

- Base**: Someone comments on my profile (checked)
- Friends**: Someone sends me friend request (checked), Someone accepts my friend request (checked)
- Messages**: Someone sends me a new mail message (checked), Someone sends me a new chat message (checked)
- Newsfeed**: Someone comments on my status (checked), Someone likes my status (checked), Someone writes on my wall (checked)
- CoCreation**: Someone comments in a data cocreation room (unchecked)

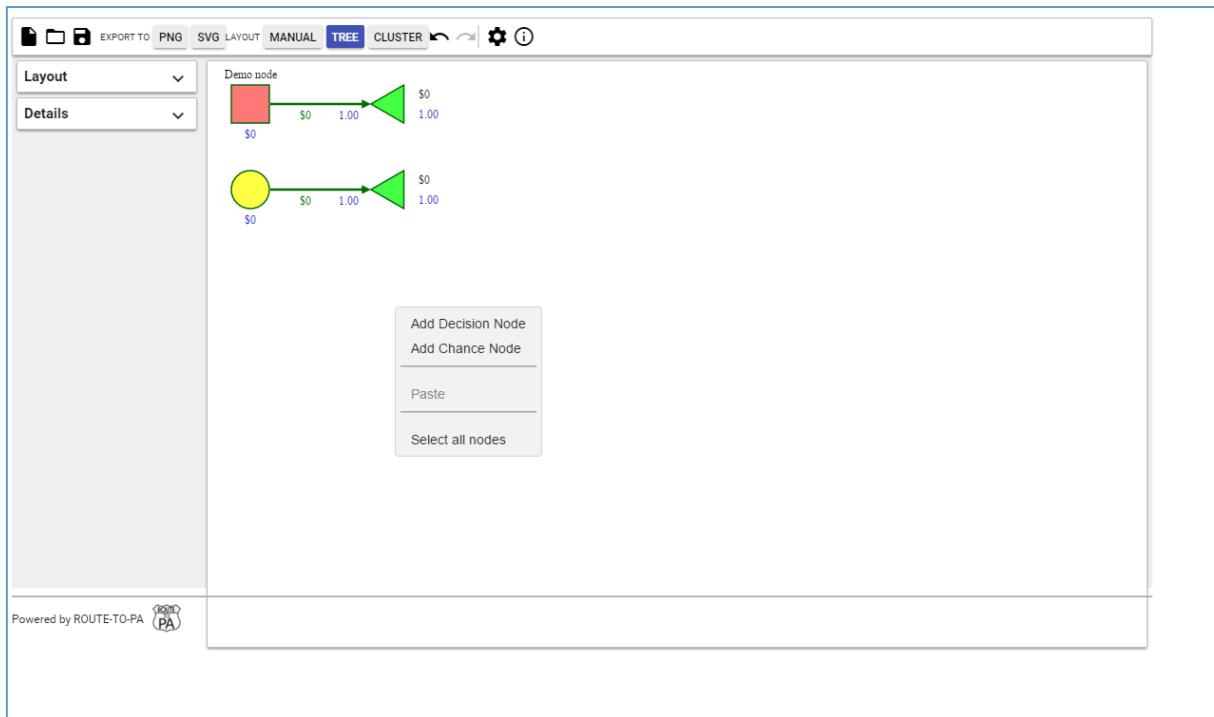
Figure 52: Setting for any user of SPOD

## 21 DECISION TREE

---

The “SilverDecisions” project is developed at [Decision Support and Analysis Division](#), Warsaw School of Economics. SilverDecisions is a software for creating and analysing decision trees. SilverDecisions is available visiting its website: <https://github.com/bkamins/SilverDecisions/wiki>.

SilverDecisions can be used in My Space of the SPOD platform, clicking on the new button (+).



## 22 FEEDBACK ON SPOD

---

The “Feedback” link, on the bottom of the SPOD platform, allows to send opinions.

The screenshot shows a web browser window with the URL [spod.routetopa.eu/contact](http://spod.routetopa.eu/contact). The page has a blue header with the SPOD logo and navigation links: Open wall, What's new, Agorà, My space, Members, and EN. Below the header is a banner image of a road winding through a hilly landscape at sunset. The main content area is titled "Feedback". It contains fields for "To" (set to "Feedback"), "Your e-mail" (an input field), "Subject" (an input field), and "Message" (a large text area). A "SEND" button with an envelope icon is at the bottom right. At the very bottom, there is a dark bar with icons for search, refresh, and other browser functions.

## 23 BROWSER COMPATIBILITY

---

You can access SPOD platform on your computer through the following browsers:

- Google Chrome
- Firefox
- Safari
- Microsoft Edge

## 24 HELP DESK

---

All support requests (e.g. bugs report etc...) about SPOD have to be sent to our service help desk.

## 24.1 BUG REPORT

A Google Form is available to SPOD users and to pilots to provide information for the bug reports:

<https://docs.google.com/forms/d/1OII0mXqc6GXabJKVdFPS5-kTNnErEn8XzHiBIXObxFo/viewform>

## 24.2 LANGUAGE

Internalisation of SPOD requires collaboration among the partners to tell us about mistakes in the translations.

In this case, please, send to [developers@routetopa.eu](mailto:developers@routetopa.eu) the following information: Pilot name, SPOD version, page name and respective section and suggesting the correct translation of the strings (e.g., Dublin, SPOD “Betelgeuse” (0.2), “What’s new”)

### 24.2.1 NATIONALISATION IN EACH LANGUAGE (EN, FR, IT, NL)

On the top right corner, a menu allows to select a language (e.g., EN, FR, IT, NL) and a SPOD platform is available in English, Italian, Dutch, and French.

## 24.3 INTERNALISATION OF VISUALISATION TOOL

Initial internalisation of the visualisation also tool in French, Italian languages (see screenshot below)

The screenshot shows a user interface for selecting fields from a dataset. On the left, a sidebar lists fields: datasetid, recordid, fields, type\_objet, voie, armoire, longitude, nom\_objet, id\_objet, latitude, coordonnees\_geo, geometry, and record\_timestamp. The 'longitude' and 'latitude' buttons are highlighted with blue backgrounds. The main area is titled 'SELECTIONNER DONNEES' and contains a sub-section 'records / fields'. It displays a table with 10 entries, each showing a longitude and a latitude value. The table has columns for 'longitude' and 'latitude', with sorting arrows at the top. The data is as follows:

longitude	latitude
2.24406727	48.82174807
2.26276276	48.81647274
2.26392857	48.82658994
2.26398098	48.81530121
2.26428376	48.82631295
2.26437661	48.81495589
2.275131702149565	48.82051826388126
2.2755289	48.8200154
2.27666313	48.82449761
2.27683674	48.81878429

Figure 53: French translation in the STEP 2) of the visualisation of a dataset chosen from Open Data Provider of Issy-les-Moulineaux (<https://data.issy.com/>)

# Glossary

A list of technological terms and icon button that will be used in the SPOD platform

Button	Technological Terms/ Name	Where in SPOD	Functionality or description
	Datalet button	News Feed	Attach to a comment/post a new Datalet, with few simply steps using the wizard that assists step-by-step, through the creation (or modification) of a Datalet.
	Open My space		Import any datalet or web link from My space
	Upload an image		Upload an image file
	Map button		Attach to a comment/post a new Map, with few simply steps using the wizard that assists step-by-step, through the creation (or modification) of a Maplet.
	Associated dataset provider	What's new and Controllet	A list of open data provider suggested by the administrator.
	SPOD Helper	On top right corner of the Top Menu	In the "Open Wall" page, SPOD Helper shows the manual on line for the platform; in "What's new" page, explains how add and share a datalet, where an user can post a datalet in a comment; in "My space" page explains how create different types of cards (e.g., a text, link or datalet card), in "Agora" page is the place where each user can create a "Public room" to start a new discussion/debate that is open to all the

			users. In Cocreation rooms explains all features in the rooms.
	Add suggested dataset	Agora	The owner of a room can add a new suggested dataset
	Email notification	Public room	The room with enabled button allows to keep track of discussion to receive notification via e-mail
	Messages	Public room	Notification of upcoming messages in the discussion room
	Search	Public room	Search in the discussion room
	Datalets graph	Public room	Datalets graph is graph of datalets, where each node represents a datalet, and edges join datalet that uses the same dataset (but possibly with a different visualization).
	Open My space	Public Room	Import any datalet or web link from My space
	Upload image	Public Room	Upload a photo in a post of the a discussion room of Agora
	Users graph	Public room	Users graph is graph of users, where each node represents a user that is participating in the discussion, and an edge joins to users that interacted (one answered a comment of the other).
	Opinions graph	Public room	Opinions Graph is the comments graph with the all the green (agree) adjacent comments are emphasized and grouped together
	Add	Agora and My space	Add a new room or add a new card

	Link card	My space	Add a link in My space
	Text card	My space	Add notes in My space
	Open Data Visualization	My space	Preview of a card in My space
	Create a Decision Tree	My space	Add a decision tree in My space
	Modify card	My space	Modify a card
	Delete card	My space	Delete a card
	Open My space	Public room	Import a link or notes from My space
	Upload an image	Public room	Upload an image in a post/comment
	Add datalet	Public room	Datalet button creates and posts a new visualization of datasets at every level of the threaded chat
	Opinion Button (Neutral)	Public room	Every time you add a new post in the chat, you can express your opinion by selecting from the Opinion Button: Neutral (Blue color node in the graph)
	Opinion Button (Agree)	Public room	Every time you add a new post in the chat, you can express your opinion by selecting from the Opinion Button: Agree (Blue color node in the graph)
	Opinion Button (Disagree)	Public room	Every time you add a new post in the chat, you can express your opinion by selecting from the Opinion Button: Disagree (Blue color node in the graph)
	Sentiment button	Public room	Add a reaction to a post with Agree/Disagree and Neutral sentiment
	Info about the room	Cocreation room	You can take a look at all information (e.g., Owner, Subject, Description etc.) of a new created room

	Open Button	Cocreation room	Every time you add a new dataset in the Cocreation data room, you can see any dataset in the cocreation room
	Download as CSV Button	Cocreation room	Every time you add a new dataset in the Cocreation data room , you can download the dataset as CSV file
	Copy link Button	Cocreation room	Every time you add a new dataset in the Cocreation data room, you can copy and paste the address (URL) of the dataset
	Download docs Button	Cocreation room	Every time you add a new dataset in the Cocreation data room, you can download the notes of the dataset as html file
	View all dataset Button	Cocreation room	You can take a look at all datasets created in the Cocreation data room and published in the SPOD platform
	Add a Cocreation data room Button	Cocreation room	You can create a new Cocreation data room
	Add a Cocreation knowledge room Button	Cocreation room	You can create a new Cocreation knowledge room
	Open menu	Agora, Cocreation room	You can open a menu by clicking the upper-left corner
	Dataset	Cocreation data room	You can write a shared spreadsheet to enter data, to import and export a document in CSV format.
	Metadata	Cocreation data room	You can add metadata to the dataset.
	Note	Cocreation data room	You can add notes to the dataset (e.g., fonts, bibliography etc...)

	Discussion	Cocreation data room	Discussion room and notifications: in discussion room, a new message is notified with an icon with the counter of number of received and unread message.
	Datalet	Cocreation data room	You can create interactive map or others charts (e.g., table, histogram etc.) of a dataset (named datasets).
	Info about the room	Cocreation data room	You can take a look at all information (e.g., Owner, Subject, Description etc.) of a new created room
	Gallery of photos	Cocreation data room	Gallery of all uploaded images in a Cocreation data room
	Split screen	Cocreation data room	You can choose the type of display, i.e you can view one at a time (eg only the spreadsheet) or two features at the same time (e.g. the spreadsheet on the left side and discussion room on the right side).
 PUBLISH DATASET ON SPOD	Publish dataset	Cocreation data room	
	Add a new user	Cocreation data room	You can invite new users to the room