



## 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, 06/03/2017)



WISE & MUNRO



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## 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

- **Controllet:** new datalets and enhancements have been introduced:
  - **Timeline** enables anyone to build visually rich (e.g., images), interactive timelines. This char allows to pick stories with a chronologic narrative, or an evolution of storytelling with pictures.
  - **Media Slider:** a catalogue of media (e.g. images ) with descriptions
- **Cocreation data room** A lightweight, high performance web server proxy (Nginx) has been introduced to enhance performance, memory management and to resolve firewall problem.  
Refactor ethersheet server side to improve performance and stability
  - Search of a created data room
  - a new user interface for the discussion room

## 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.

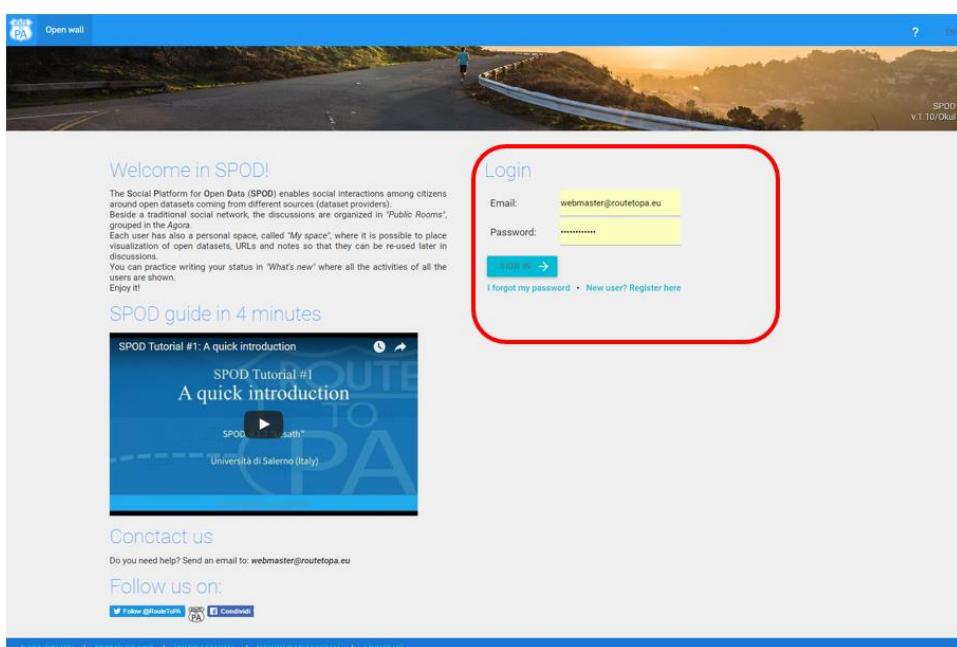
But SPOD also offers some new features like attaching visualization of datasets (called *datalets*) to the comments, advanced "Public rooms" for the discussion (with support to the navigation and orientation), a "Private space" where each one can practice and build privately datalets, and a collaborative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

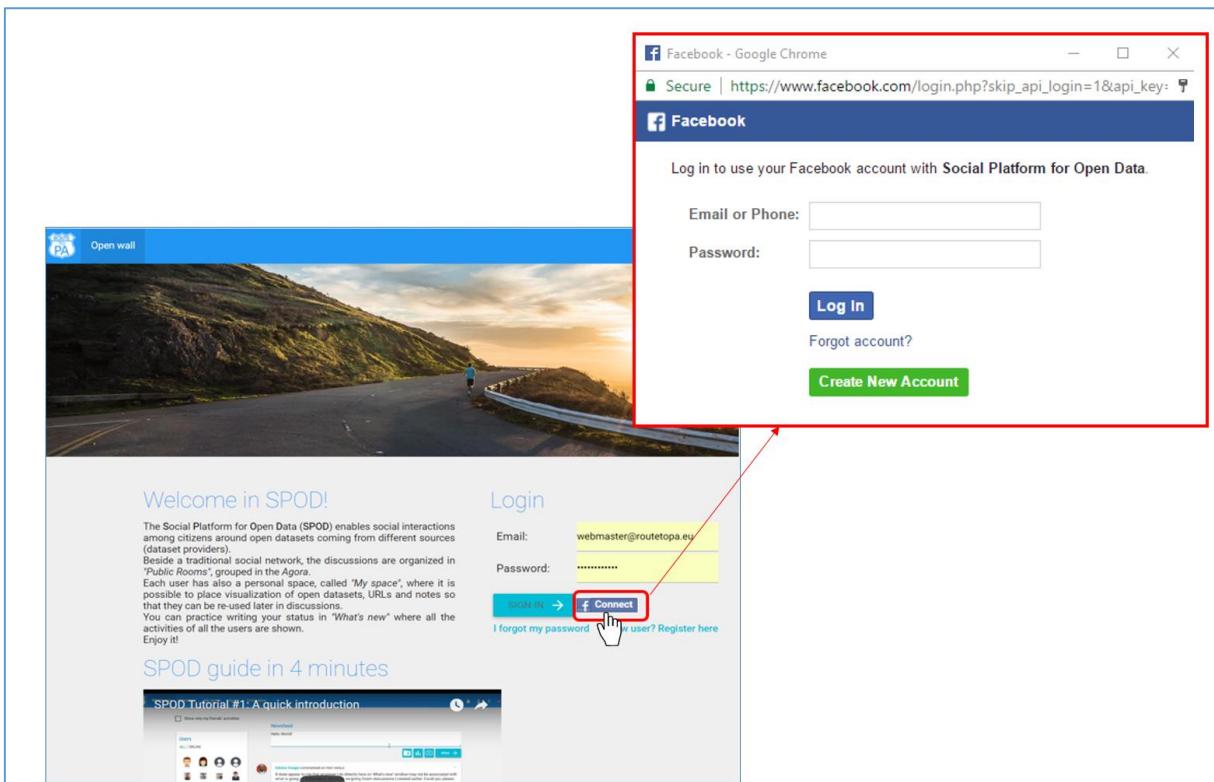
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This is an [OpenID](#) server endpoint available for the [ROUTE-TO-PA Project](#).

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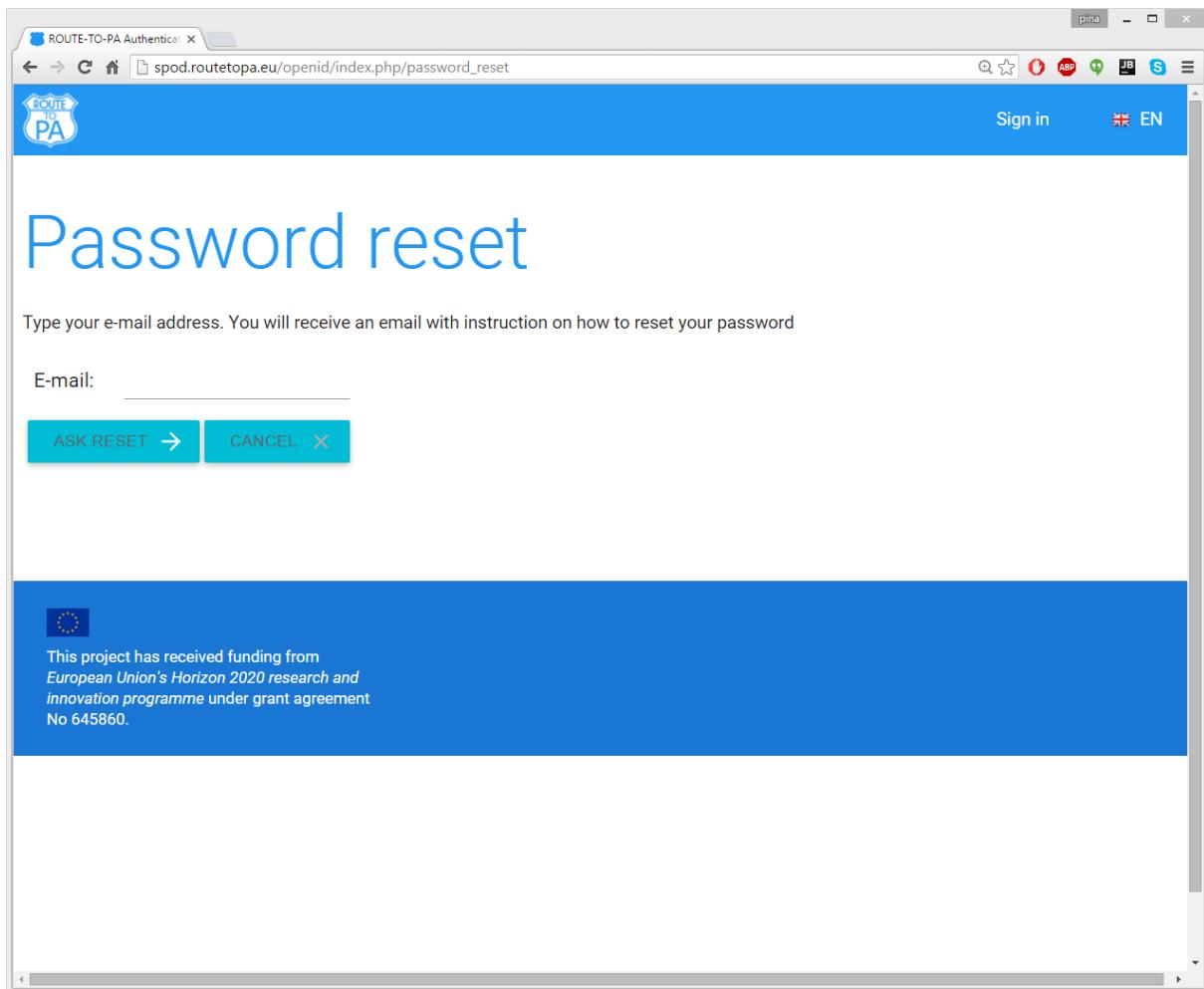
### 3.2 FACEBOOK CONNECT

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 labeled 'Show only my friends' activities' and a blue button labeled 'CUSTOMIZE THIS PAGE'. The main content area is titled 'Newsfeed' and asks 'What's happening?'. It features a 'SEND' button with a camera icon. Below this, there is a list of activity items:

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

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

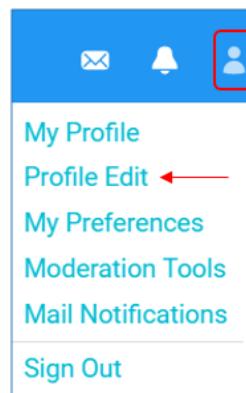
- Users**: Shows a grid of user icons.
- Agora Activities**: States 'The last public room created in the Agora is: Demo "Lesath" (v.1.7)'.
- SPOD Help**
- Tweets**

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.

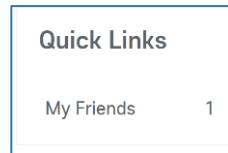
### 4.1.6 ADDING FRIENDS & FRIENDS REQUEST

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

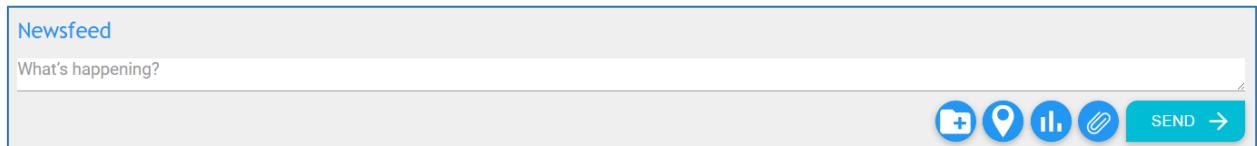


Figure 2: Upload a media file and post a message (status)

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:

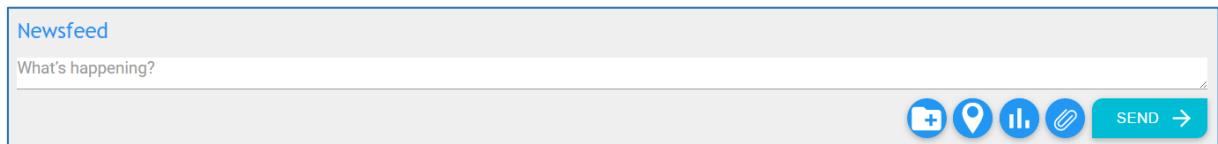


Figure 3: Click on button for import links, data visualisation from “My Space” page.

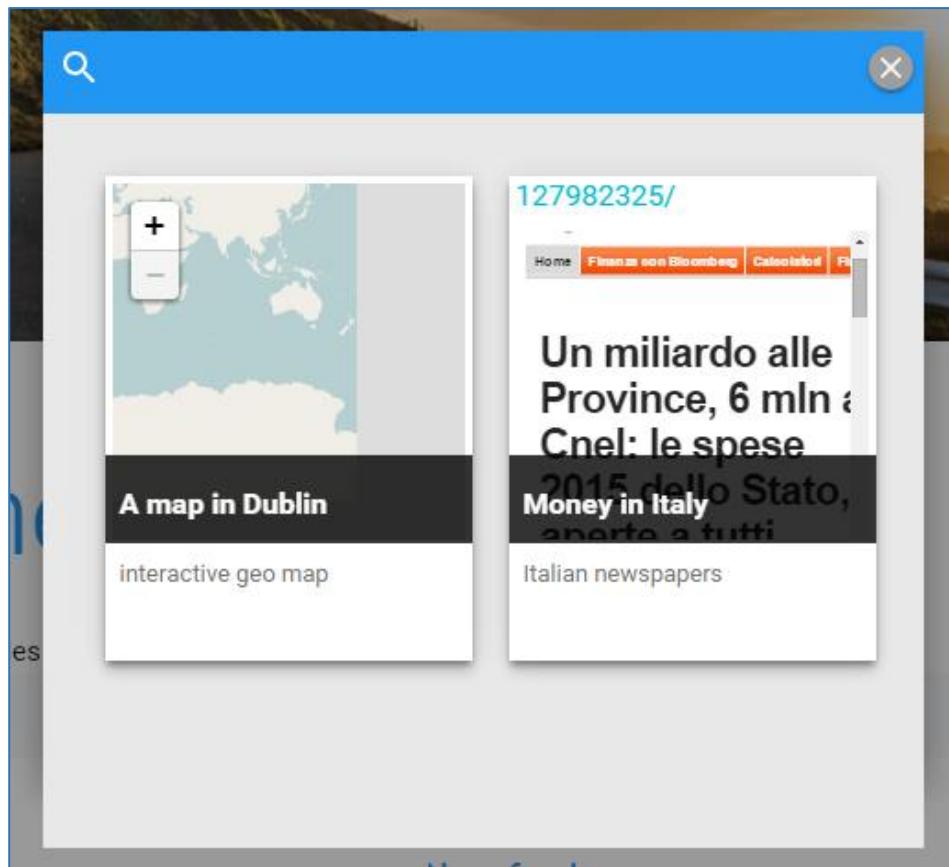


Figure 4: Select a datalet or a link from "My space" page.

#### 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

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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....)

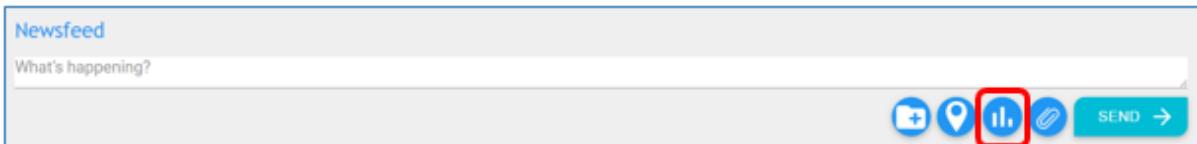
The screenshot shows the 'What's new' page of the ROUTE TO PA platform. On the left, there is a sidebar with sections for 'Users' (listing online users with small profile icons), 'Agora Activities' (mentioning a new public room 'Demo "Lesath"'), and 'SPOD Help' (a welcome message). A red circle highlights the 'Users' section. The main area is titled 'Newsfeed' and contains a post from 'Vittorio Scarano' liked by 'Giuseppina Palmeri'. Below the post is a map of Utrecht showing administrative divisions. At the top of the page, there is a search bar with the placeholder 'What's happening?' and a 'CUSTOMIZE THIS PAGE' button.

### 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*".

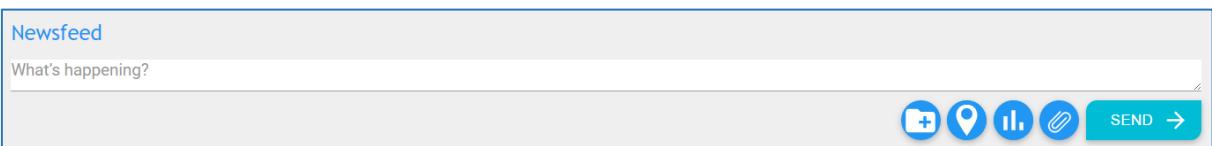
#### Choose to attach a Datalet to a comment

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 a user interface for a social platform. At the top, there's a navigation bar with links like 'What's new', 'Members', 'My space', 'Agora', 'CoCreation', 'Blogs', and 'Events'. Below the navigation, there's a search bar with a magnifying glass icon. A sidebar on the left contains sections for 'ALL | ONLINE' users, a message about the last public room created, and 'SPOD Help' with links to 'Videos online' and 'Manual online'. A central search overlay displays results for 'Positive correlation' (Europe is for young citizens!) and 'ICT' (with a count of 40). Another result for 'Train Stations in Fingal...' is partially visible. At the bottom of the search overlay, it says 'Source: https://data.lsny.com (dataset)' and 'Powered by ROUTE-TO-PA'.

This screenshot shows a similar view to the first one, but the search overlay has been removed. Instead, there's a 'Newsfeed' section with a placeholder 'What's happening?' and a 'CUSTOMIZE THIS PAGE' button. To the right, there's a chart titled 'ICT' comparing 'COUNT(isom)' (blue) and 'COUNT(effectif.comu)' (black) across four categories: 'Informatique (édition - conception de logiciels)', 'Informatique (conseils - ingénierie)', 'Informatique (édition - conception)', and 'Ingénierie Informatique'. The chart shows values of 37, 40, 37, and 10 respectively. Below the chart, it says 'ICT Source: https://data.lsny.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** toggle switch
- ENTER** 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. Below these are buttons for LATEST, RELEVANT, POPULAR, and MY AGORA, along with a search bar. A large orange button with a plus sign is at the top right. The main area displays several 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** (with 34 comments)
- Dati Elettorali** (with 34 comments)
- Brainstorming sul Museo del Calcolatore** (with 33 comments)
- Ampliamento della rete Prato free Wi-Fi** (with 10 comments)

To the right, a specific room is expanded:

- [1] DESCRIPTION**: Brainstorming sul Museo del Calcolatore
- [2] STATISTICS**: 500 views, 34 comments, 4 datasets
- [3] USERS**: Shows 6 user profiles.
- [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" section. Below this, a red circle highlights an orange icon with a blue speech bubble containing the number "89", indicating unread messages. The main content area shows the same discussion rooms as the first screenshot, with the "Ampliamento della rete Prato free Wi-Fi" room expanded.

#### 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.

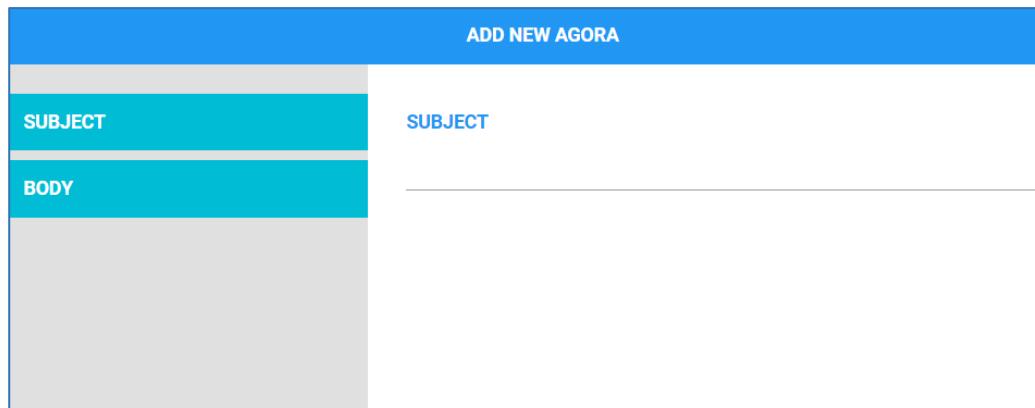


Figure 7: Create a Public Room

#### 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 has a title "AGORA" and a subtitle "A communi observantia non est recedendum.". Below this, there are four tabs: LATEST (selected), RELEVANT, POPULAR, and MY AGORA. A search bar with the placeholder "Irpino" and a magnifying glass icon is positioned to the right of the tabs.

A modal window is open, displaying a dataset titled "Museo Irpino" from "Città di Avellino". The modal includes a timestamp "16:57 02/08", a small thumbnail image, and a brief description.

The main content area also displays the "Museo Irpino" dataset card. It shows the timestamp "16:57 02/08", the title "Museo Irpino", and the location "Città di Avellino". To the right of the card is a "STATISTICS" section with horizontal bars for views (182), comments (35), and datalets (7).

Below the statistics is a "USERS" section showing a grid of user profiles. At the bottom of the page are buttons for "Enable Notifications" and "ENTER".

### ADD NEW DATASET

The form consists of two main sections:

- Dataset URL:** A teal-colored input field where the URL "http://www.routetop.eu" is entered.
- Comment:** A grey-colored input field containing the text "comment" (note the misspelling).
- Dataset URL:** A large, empty input field for entering the dataset URL.

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 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 contains the term 'iprino'.

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, a separate panel for 'Museo Irpino' shows its activity. It includes a 'STATISTICS' section with a progress bar for views (183) and comments (35), and a '7 datalets' section. Below that is a 'USERS' section showing a grid of profile icons. At the bottom of this panel is a 'SUGGESTED DATASETS' section, which is highlighted with a red box. It lists a single dataset: 'Dataset of the Epigraph in the "Museo Irpino"'.

At the bottom of the main panel, there's a 'Enable Notifications' toggle and a blue 'ENTER' button.

In the room with suggested datasets highlights them in yellow.

This screenshot shows the 'SELECT DATASET' interface. At the top left is a blue circle with the number '1'. To its right is the title 'SELECT DATASET' in blue. Below the title is a sub-instruction: 'Select a dataset from the list or copy and paste the url of dataset.'

The interface has three main tabs at the top: 'FROM PROVIDERS' (gray), 'FROM COCREATED' (blue), and 'FROM EXTENDED SEARCH' (gray). The 'Version:' dropdown is set to 'Show all'.

The dataset list contains the following entries:

- 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. There's also a 'Search' bar and a 'Selected url' input field.

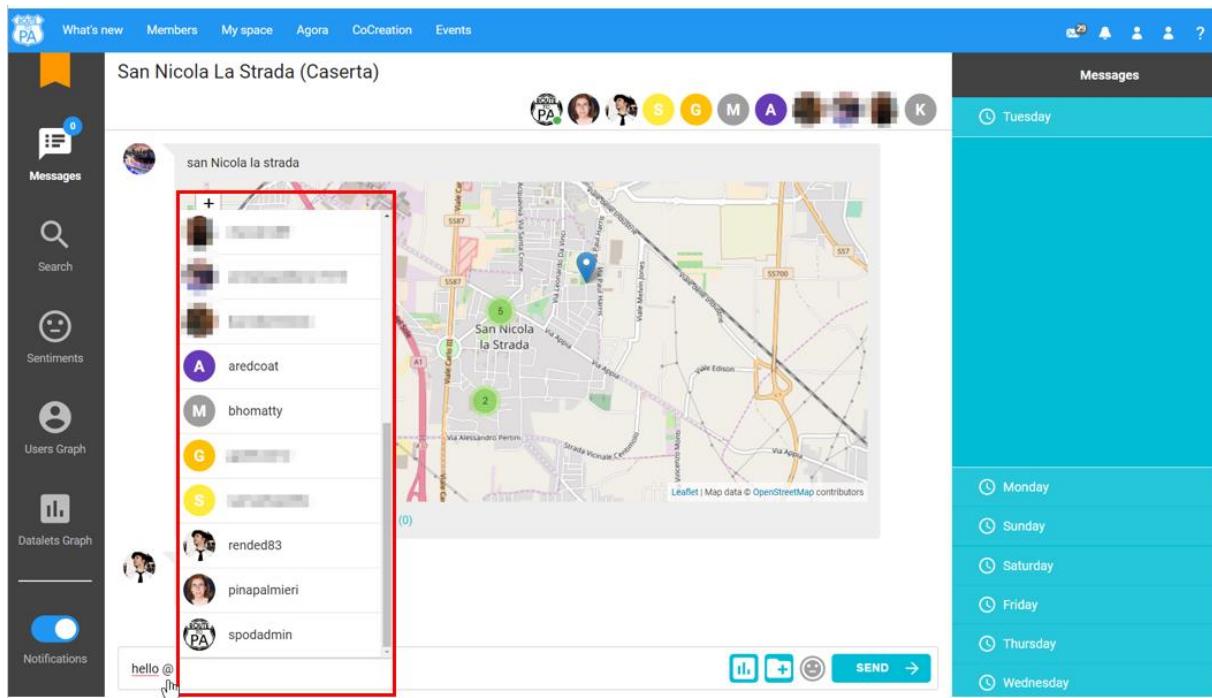
The right side of the interface features a large blue header 'DATASET INFO' with a white background below it, which appears to be currently empty.

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.

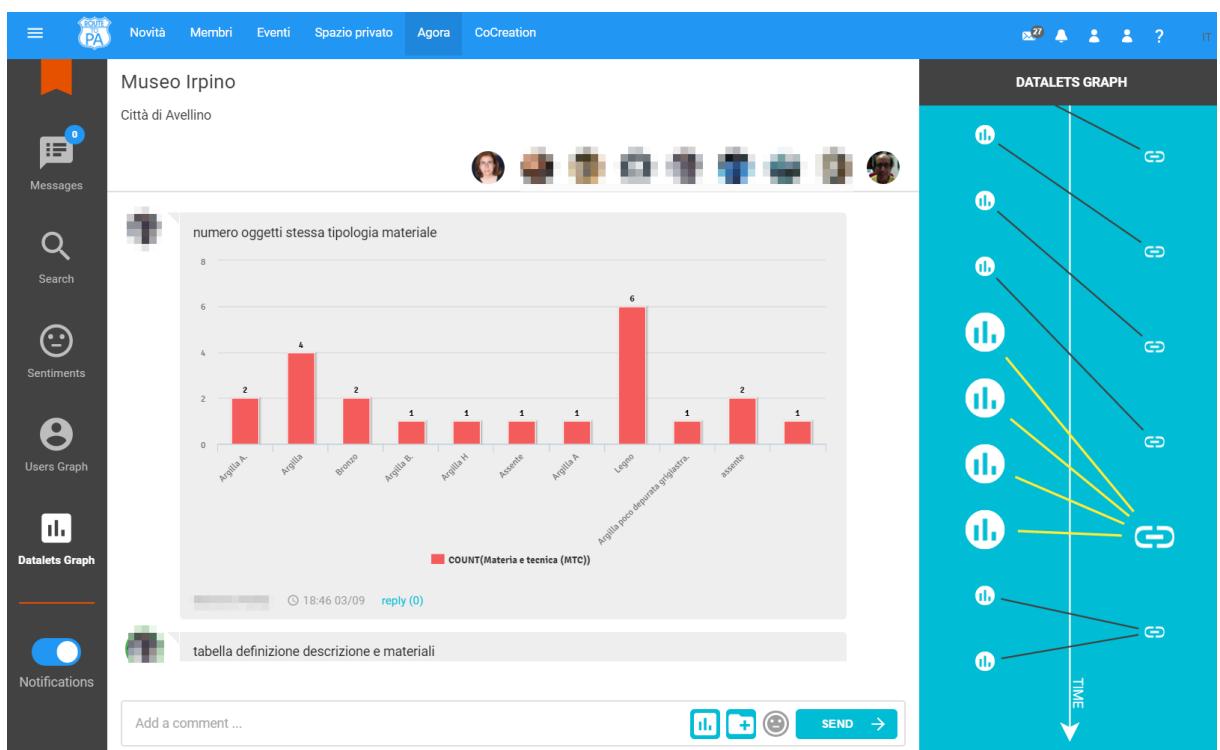
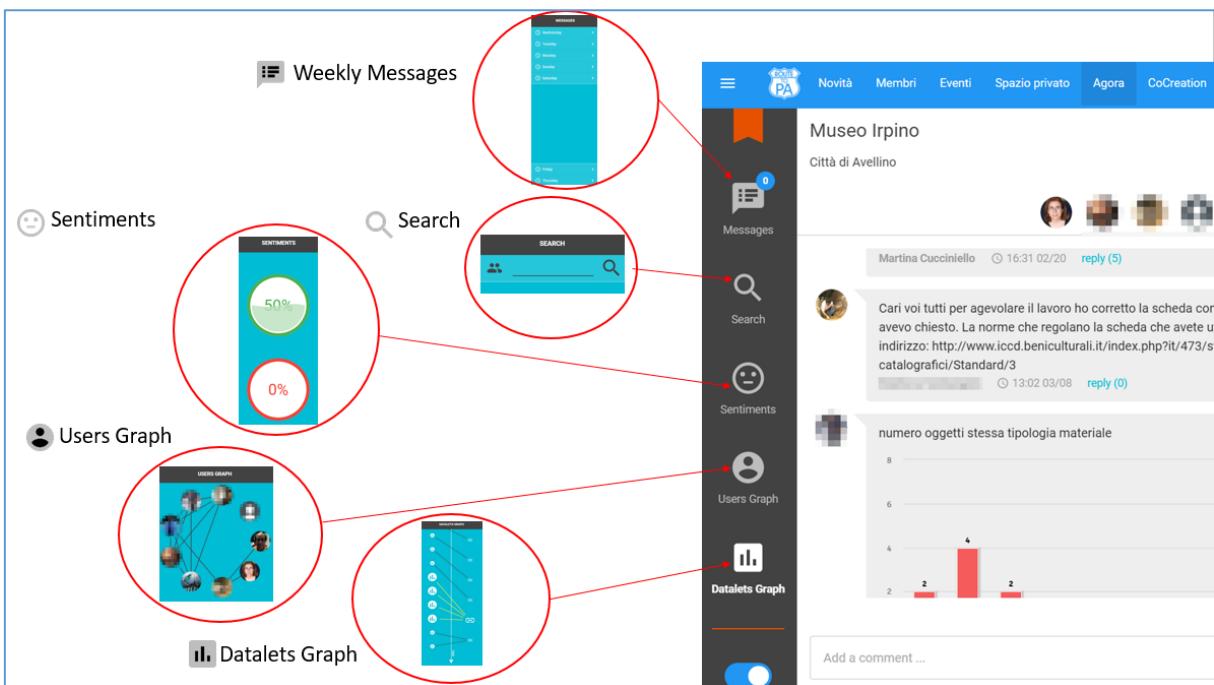
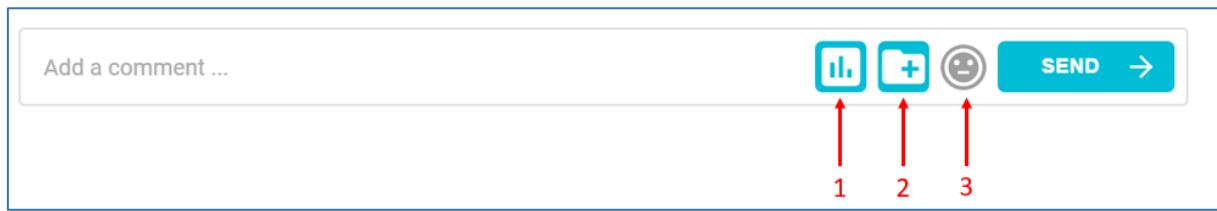


Figure 9: a first overview of a “Public Room” with all features (see figure above) and datalet (see figure below)

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

Click on button to add an image in a public discussion (not yet available in the Agora).

### 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

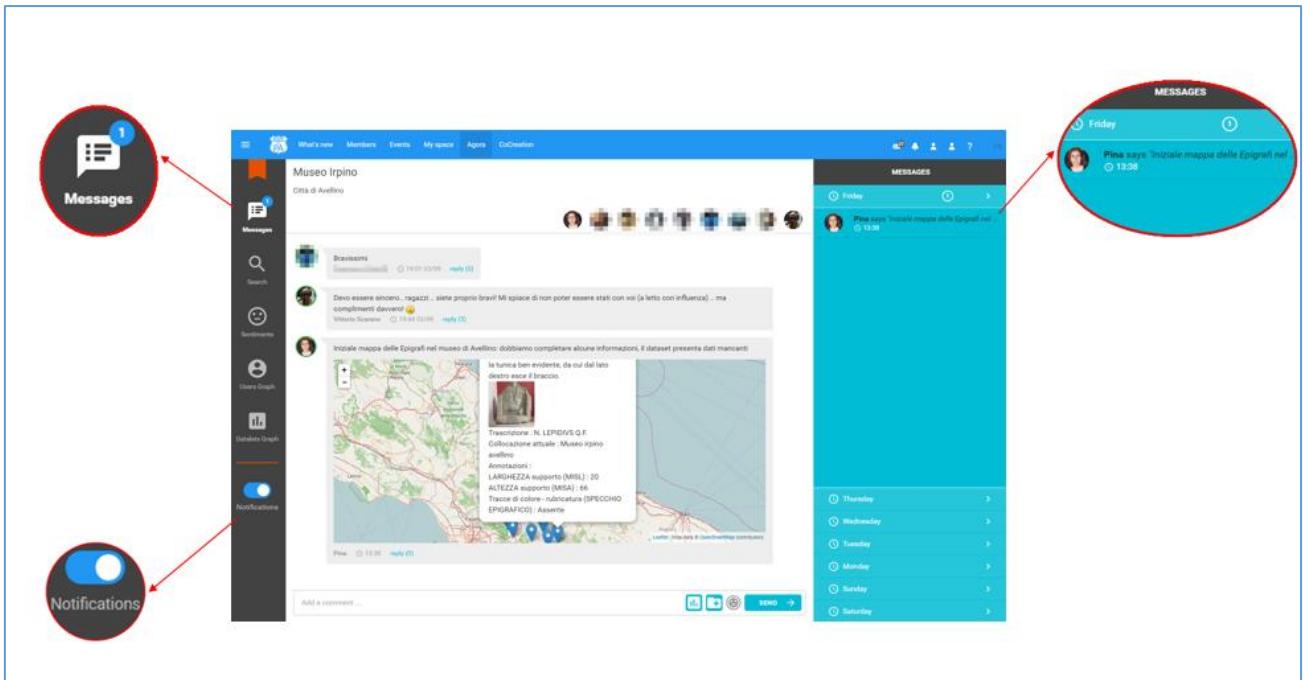
## 5.5.6 MESSAGES NOTIFICATIONS AND E-MAIL NOTIFICATION

### 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.

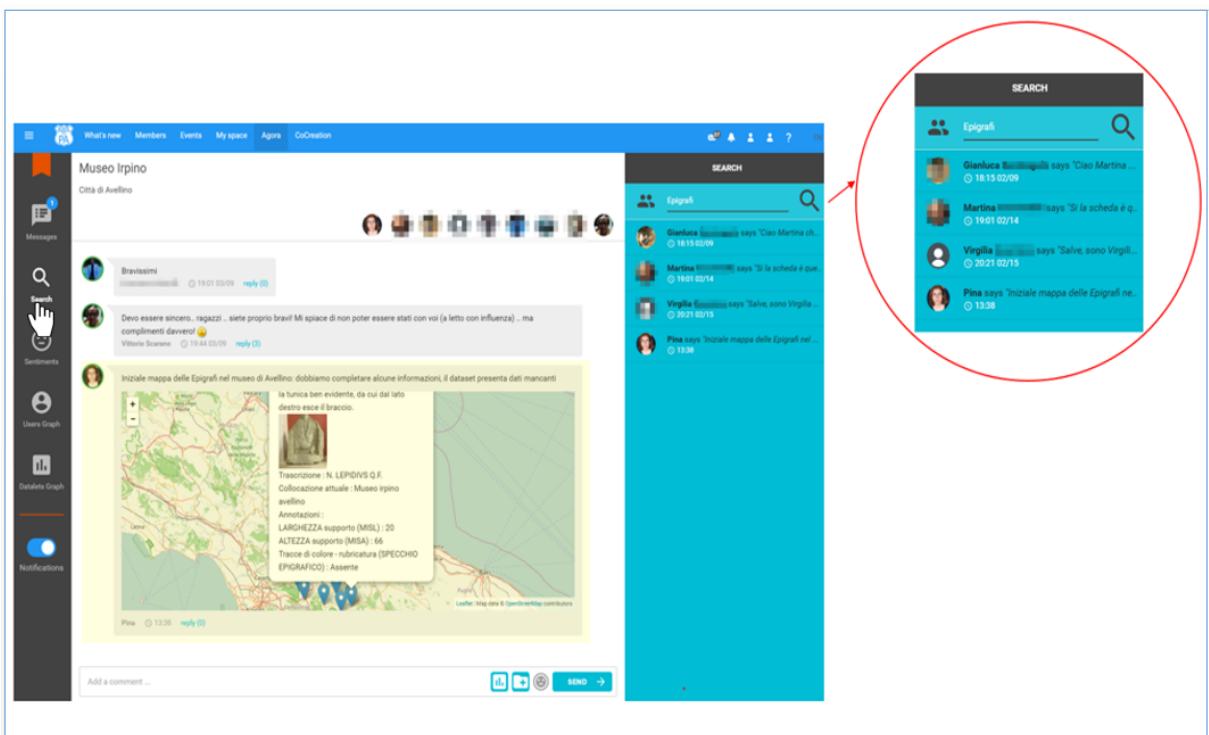
### E-mail Notification

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.

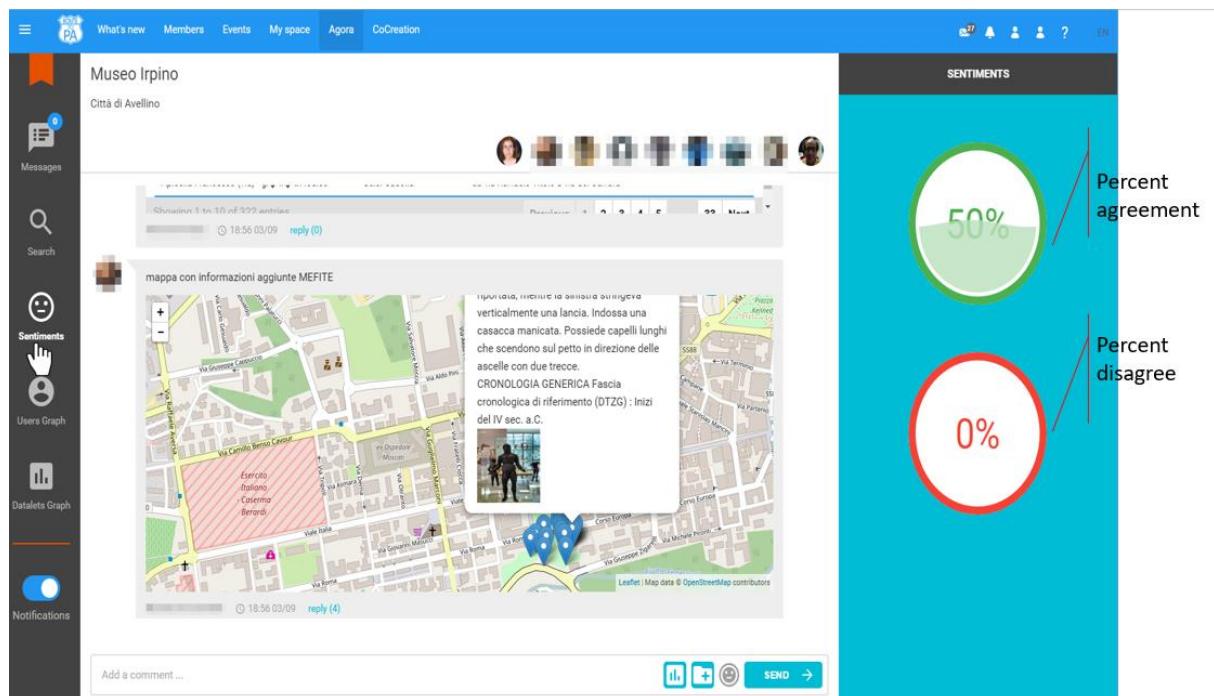


### 5.5.8 SENTIMENTS

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 graphs where each node is a 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 profile for "Museo Irpino" from "Città di Avellino". On the left sidebar, there are several icons: a bookmark, a message icon with 9 notifications, a search icon, a sentiments icon, a "Users Graph" icon (highlighted with a red box), a "Datalets Graph" icon, and a notifications icon. The main area displays a conversation with four messages. The first message is from "Francesco" at 19:56 03/09, followed by three messages from "Alessandro" at 19:59 03/09, 20:00 03/09, and 20:01 03/09. The fourth message is from "Bravissimi" at 20:01 03/09. Below the messages is a comment from "Vittorio" at 20:44 03/09. At the bottom, there is a text input field "Add a comment..." and a "SEND" button. To the right of the main content, a large red box highlights a "Users Graph" visualization. This graph consists of several nodes (user profiles) connected by lines, representing relationships. A specific node is highlighted with a yellow 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 user profile for "Tutorial Agora" from "Agora dimostrativa". The left sidebar has the same set of icons as the previous screenshot. The main area shows a conversation with two messages. The first message is from "spodagora+delete" at 12:23 03/22, and the second is from "Anna" at 12:25 03/22. Below the messages is a comment from "spodagora+delete" at 12:23 03/22. At the bottom, there is a text input field "Add a comment..." and a "SEND" button. To the right of the main content, a large red box highlights a "Datalets Graph" visualization. This graph is bipartite, with "DATALETS" on the left and "DATASETS" on the right. Nodes are represented by small icons, and edges connect nodes between the two sets. A vertical arrow labeled "TIME" points downwards, indicating the progression of data over time.

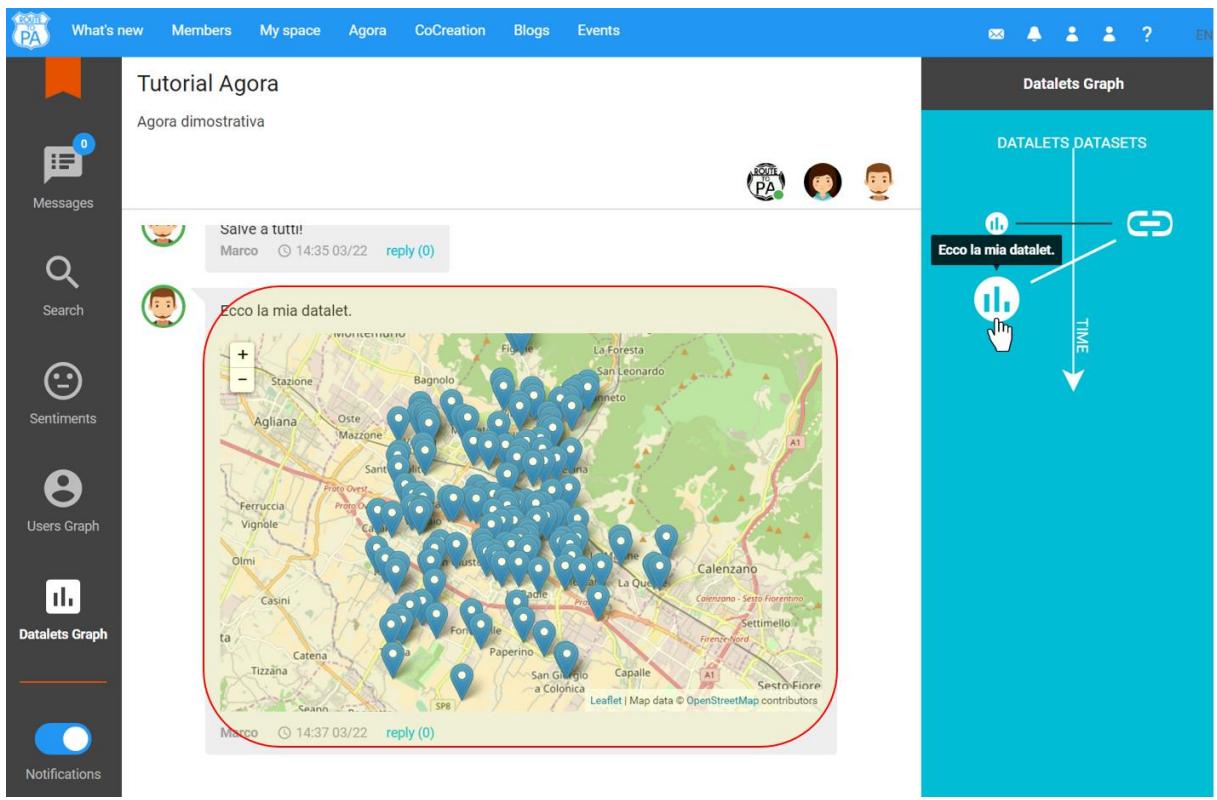


Figure 10: A Datalets-based graph

#### 5.5.11 PREVIEW OF A DATALET

When a new datalet is added, the preview button allows to see the preview of the datalet.

**Museo Irpino**  
Città di Avellino

Francesco Adinolfi 19-01-03/09 reply (0)

Devo essere sincero.. ragazzi .. siete proprio bravi! Mi spiace di non poter essere stati con voi (a letto con influenza) .. ma complimenti davvero! 😊

Vittorio Scarano 19-44-03/09 reply (3)

Iniziale mappa delle Epigrafi nel museo di Avellino: dobbiamo completare alcune informazioni, il dataset presenta dati mancanti

Add a comment...

Monday Tuesday Wednesday Thursday Friday Saturday Sunday

### 5.5.12 DELETE OR MODIFY A COMMENT

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

The screenshot shows a user interface for a platform called "ROUTE TO PA". The top navigation bar includes links for "What's new", "Members", "My space", "Agora", "CoCreation", and "Events". On the right side, there are icons for messaging, notifications, and user profiles. The main content area displays a post titled "La DATALET più bella!" with a message: "Ogni settimana sarà scelto un argomento e le Datalet più belle saranno ricondivise, quindi impegnatevi :D". Below this is a chart titled "Prodotti campani certificati" showing the number of certified products by certification type (D.O.P. and I.G.P.). A "delete" button with a hand cursor icon is visible next to the chart. To the right, a sidebar titled "Messages" lists messages from users like Vittorio, with a scrollable list of days from Monday to Sunday.

## 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 Public rooms of 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.

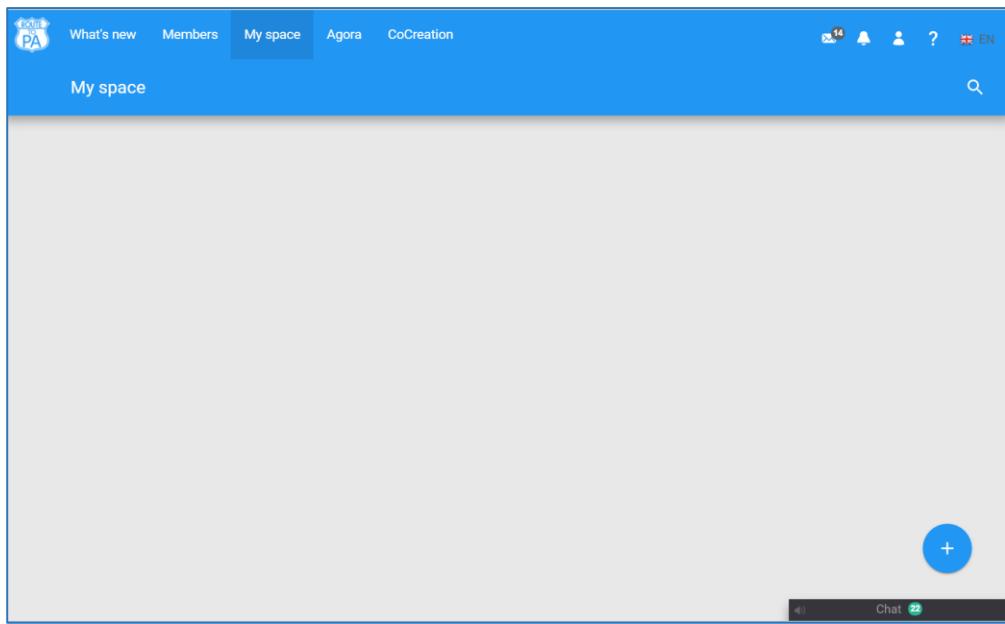


Figure 11: "My space" page is empty

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

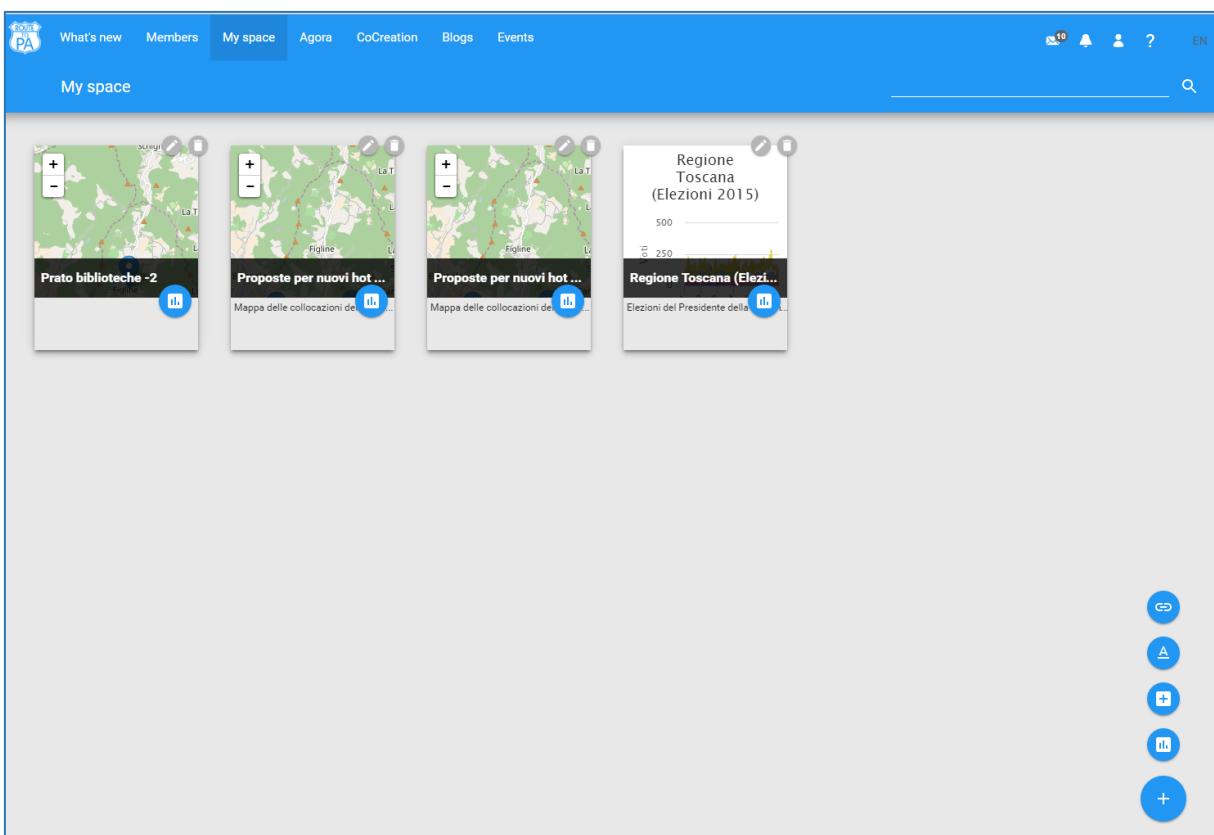
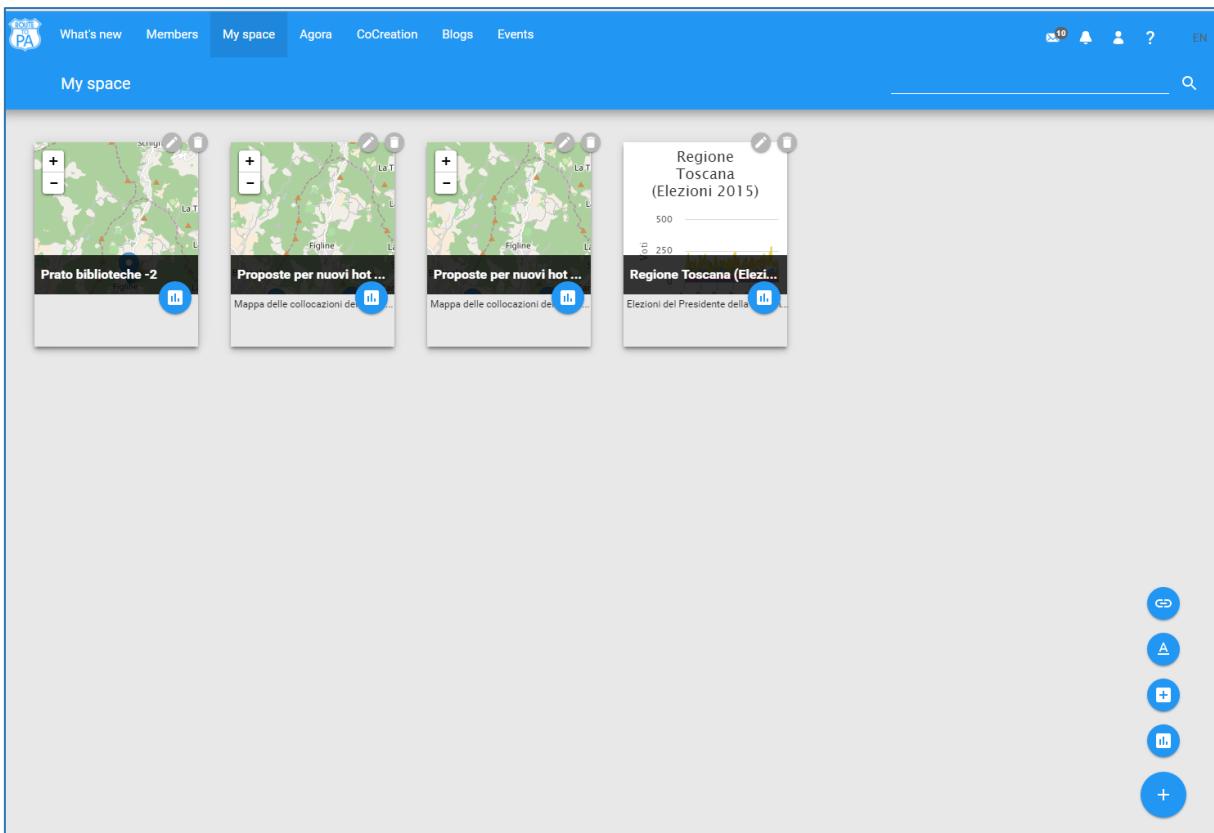


Figure 12: "My space" page shows all features

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 contact 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).

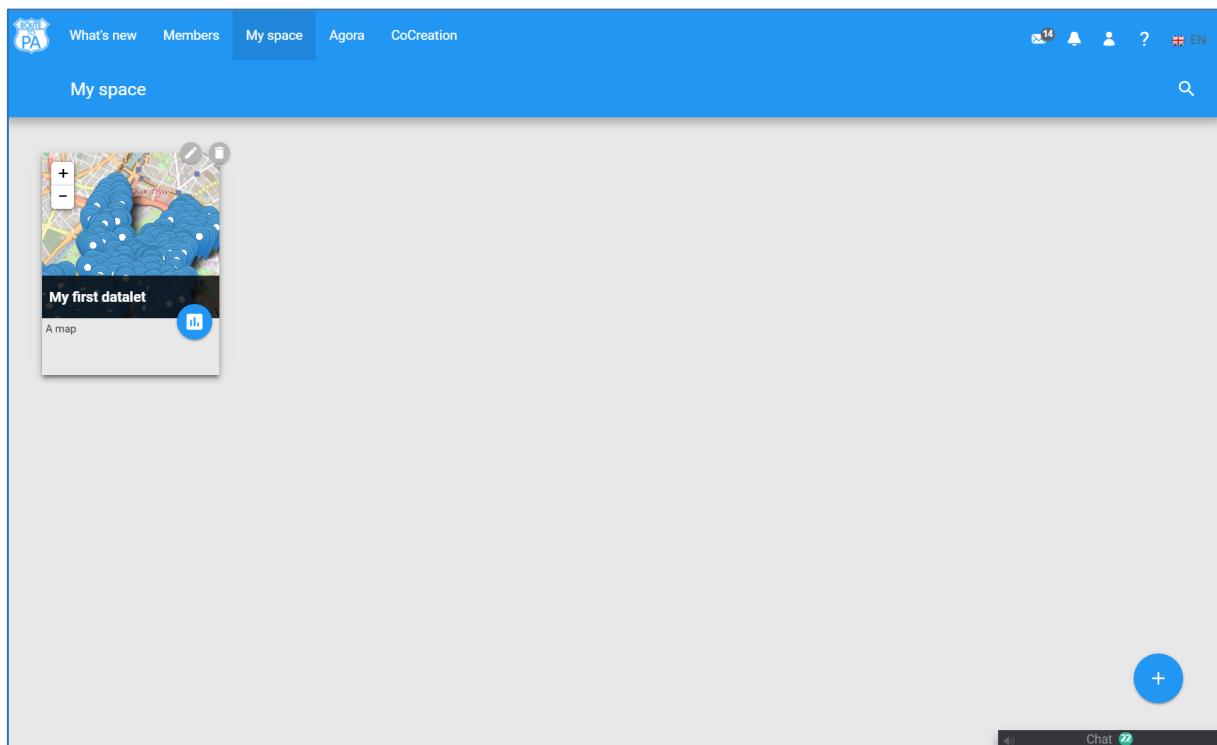


Figure 13: A first card of a datalet in My space

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

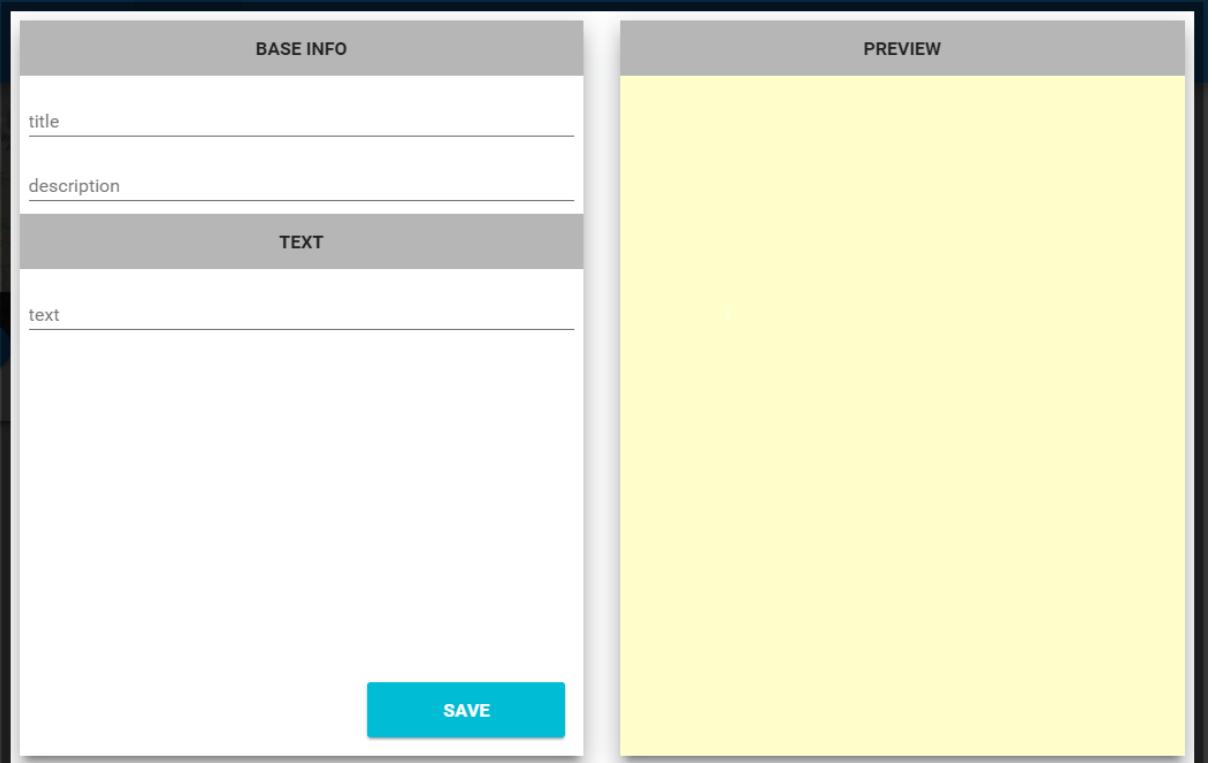
For each card, it is possible to see a preview of a selected card clicking, in the right bottom corner, on  button or modify  or delete  it.

#### 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". The "text" field is currently empty. At the bottom of this section is a blue "SAVE" button. 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

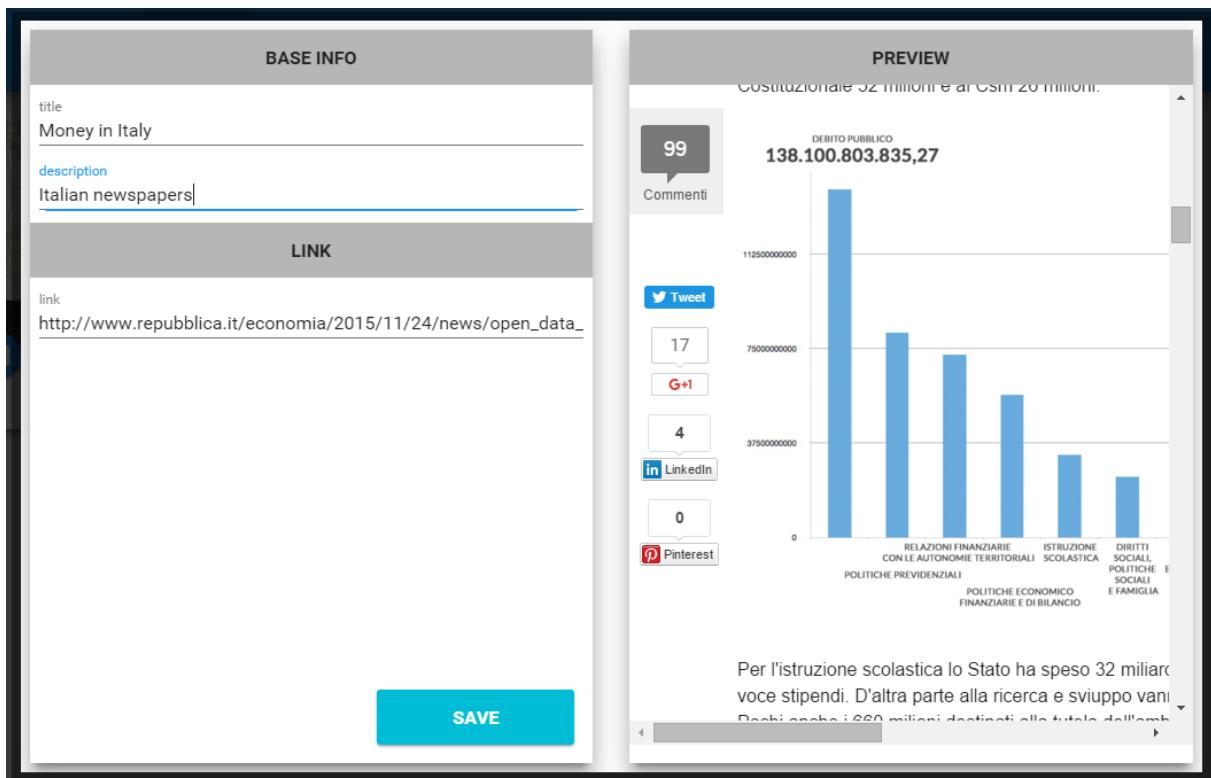


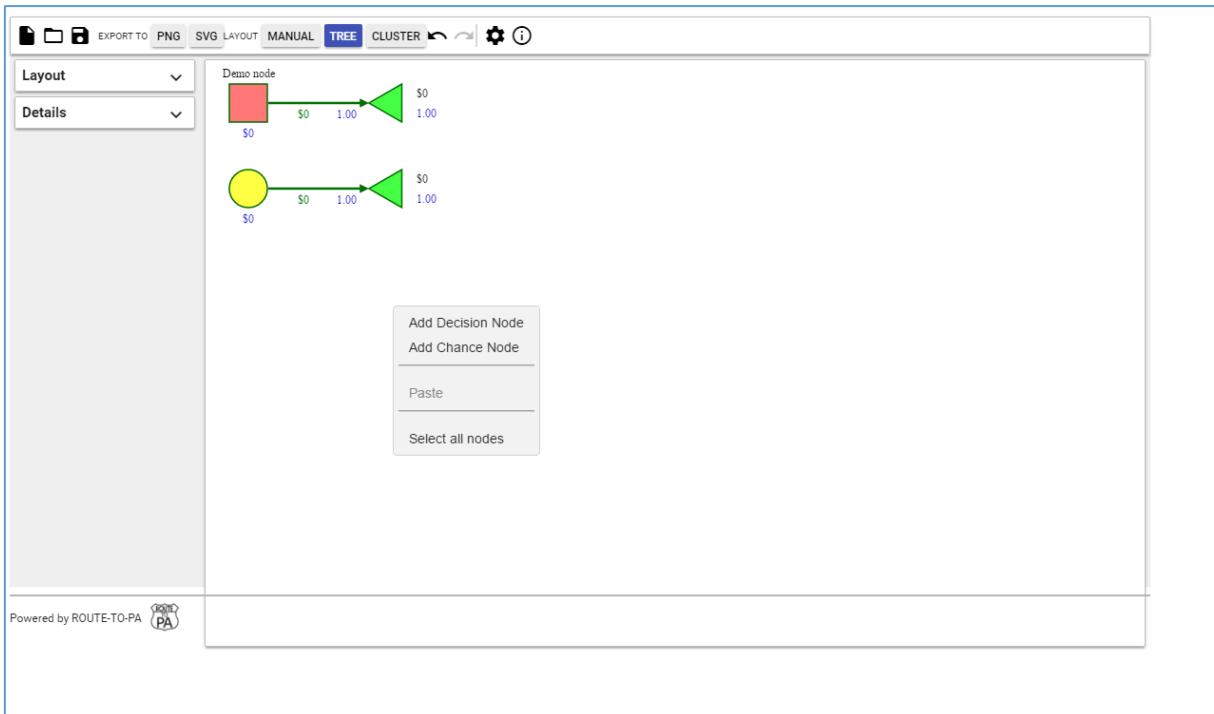
Figure 17: A new link is added in My space

#### 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

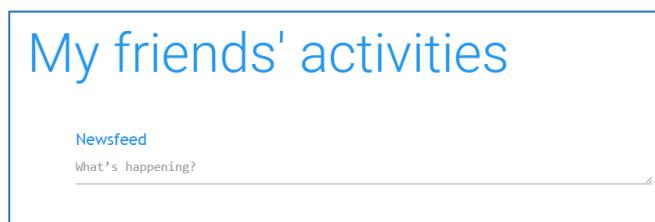
---

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).

The screenshot shows a user interface for selecting a dataset. At the top left is a blue circle with the number '1'. Next to it is the title 'SELECT DATASET' in bold blue letters. Below the title is a subtitle: 'Select a dataset from the list or copy and paste the url of dataset.' On the right side of the header is a large green arrow pointing right. The interface is divided into three tabs at the top: 'FROM PROVIDERS' (which is selected and highlighted in blue), 'FROM COCREATED', and 'FROM EXTENDED SEARCH'. Below the tabs is a dropdown menu labeled 'Provider: All'. The main area contains a list of dataset titles. One specific dataset, 'Les panneaux électroniques d'information à Issy-les-Moulineaux', is highlighted with a blue background. To the right of the list is a 'DATASET INFO' card. The card displays the dataset's name, address ('61 Rue d'Erevan, Issy-les-Moulineaux, Île-de-France'), and a thumbnail image of a street view showing a car parked on a residential street. Below the card is a Google map snippet. At the bottom of the interface, there is a footer with a search bar and a link to the 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**

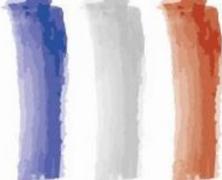
**Provider:** Issy-les-Moulineaux    **i**

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'. A red box highlights the 'Provider' dropdown menu set to 'Issy-les-Moulineaux'. On the left, a list of datasets includes 'Les entreprises isséennes membres de Cap Digital', 'Les entreprises TIC à Issy-les-Moulineaux' (highlighted in blue), and 'Les enclos à sapins'. On the right, detailed metadata for the selected dataset is shown in a blue header box: 'Les entreprises TIC à Issy-les-Moulineaux'. The metadata fields include: 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. Below the metadata is a search bar with the text 'Les en' and a red box highlighting it. At the bottom, it says 'Showing 1 to 3 of 3 datasets' with navigation arrows, and 'Selected url' with the link '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_connlu	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\_connlu*” field with the operation “not =”, see below screenshot)

FILTERS

Field: effectif\_connlu   Operation: not =   Value: null

GROUP BY

QUERY

+ 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)		
		Informatique (conseils - ingénierie)		
		Internet (conseils - ingénierie)		
		Télécommunications (conseils - ingénierie)		
	geo_point_2d	Showing 1 to 9 of 9 rows		
	geometry	< > <input type="text"/> Search <span style="color: red;">X</span>		
	membre_d_un_reseau			
	nom			
	sous_secteur			

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

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

**ENABLE 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 Search  X

**FILTERS**    **GROUP BY**    **QUERY** + X

**GROUP BY** + X

**CALCULATE** + X

**Field**

**GROUP BY sous\_secteur** + X

**Calculate COUNT of sous\_secteur** + X

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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.

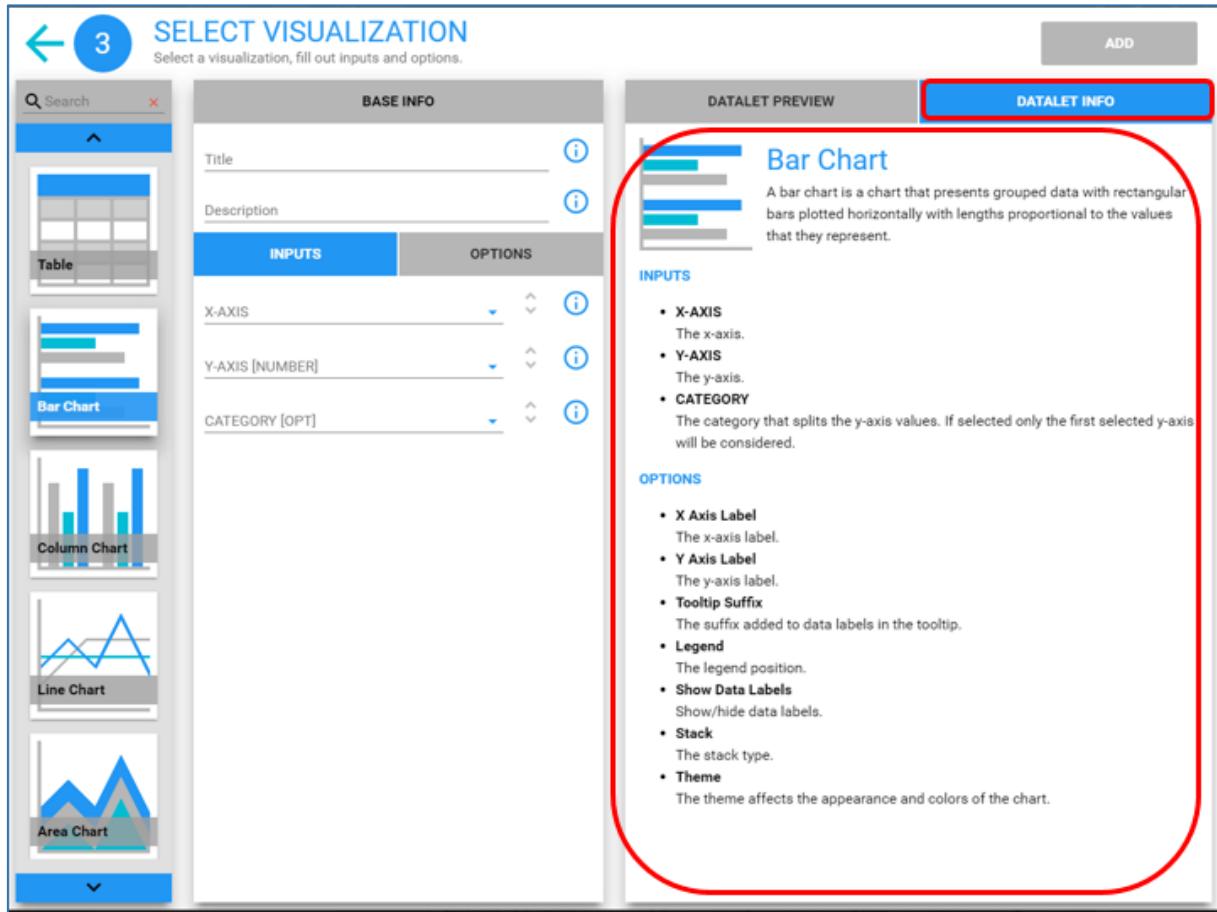


Figure 20: Select a chart on the left side and details are available on the right side in the "DATALET INFO" section

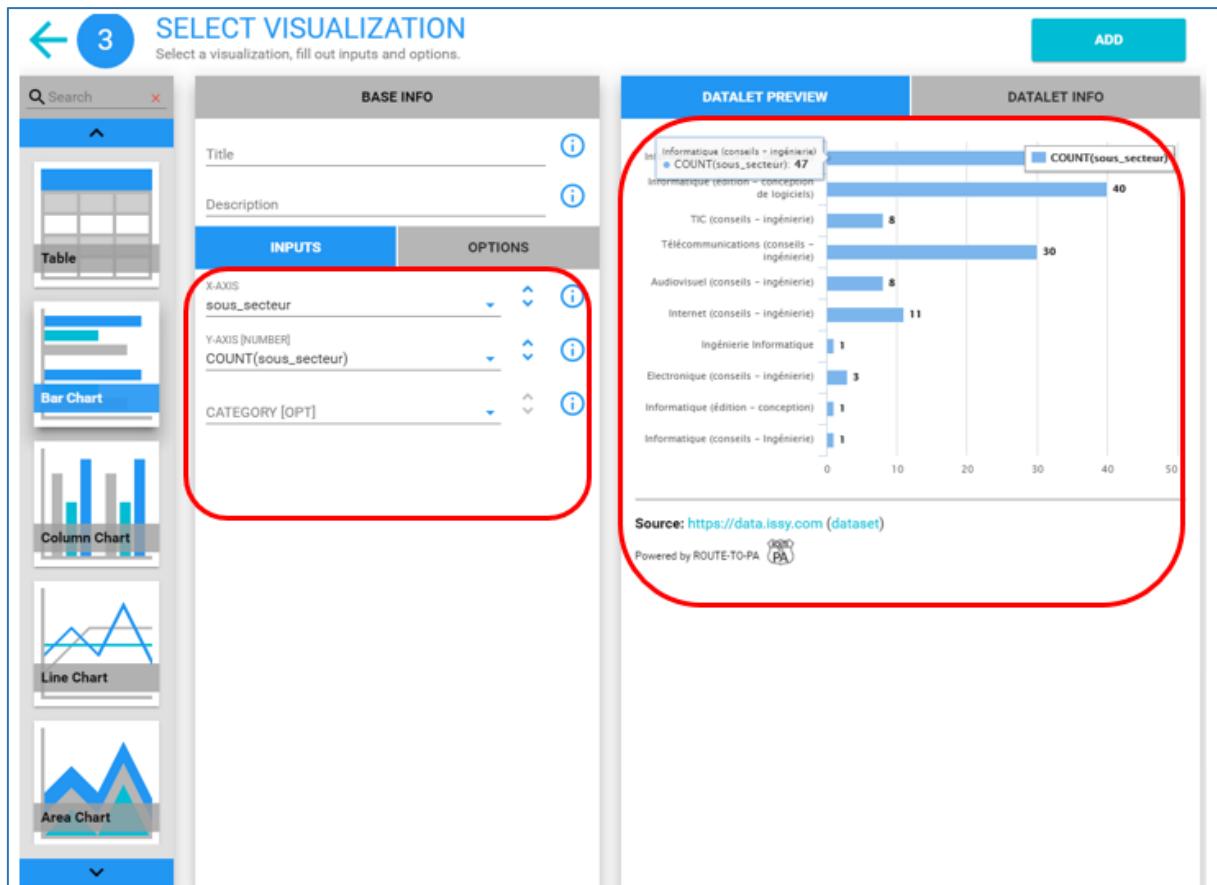


Figure 21: "INPUT" section to fill in and a preview of the dataset is available on right side

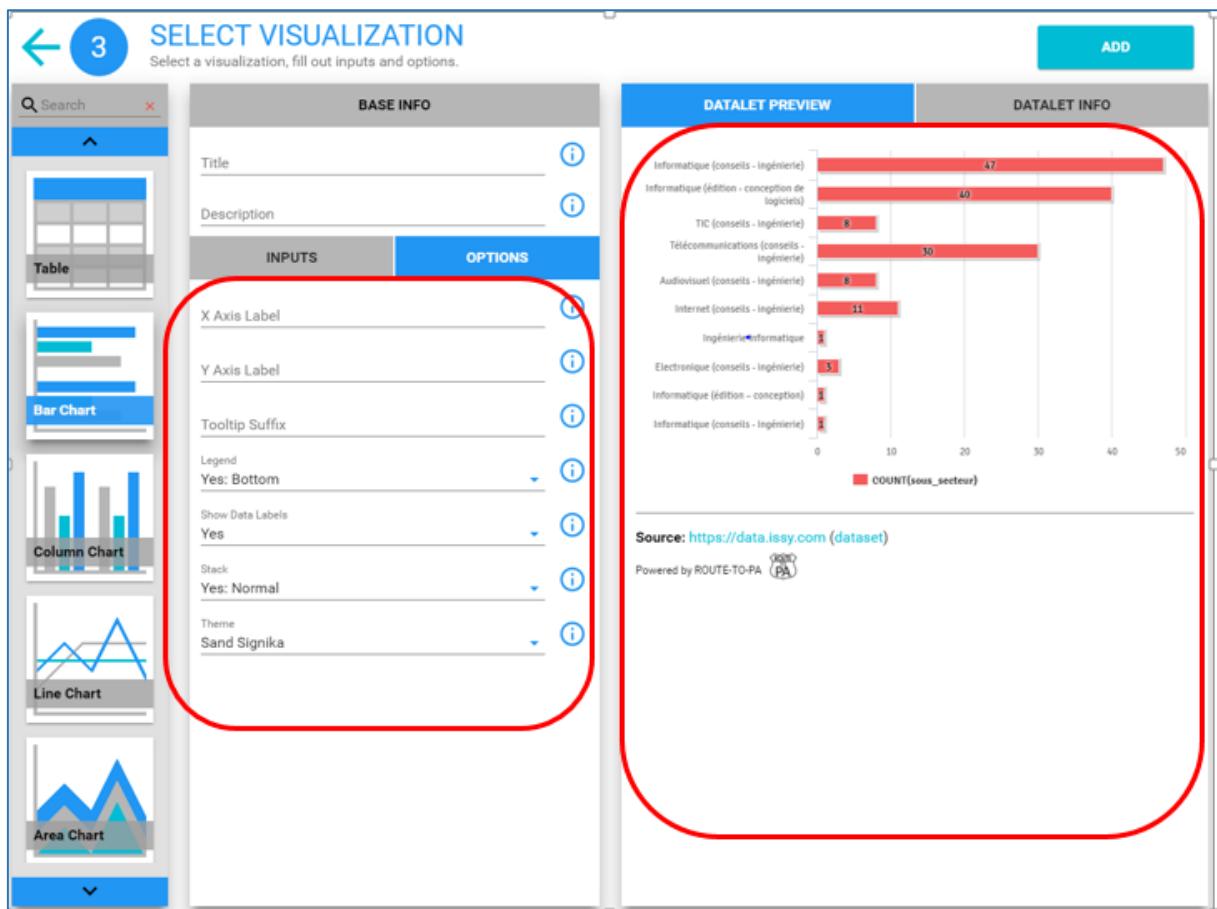


Figure 22: A custom chart with the “OPTIONS” section

#### 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 xvcxv

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.

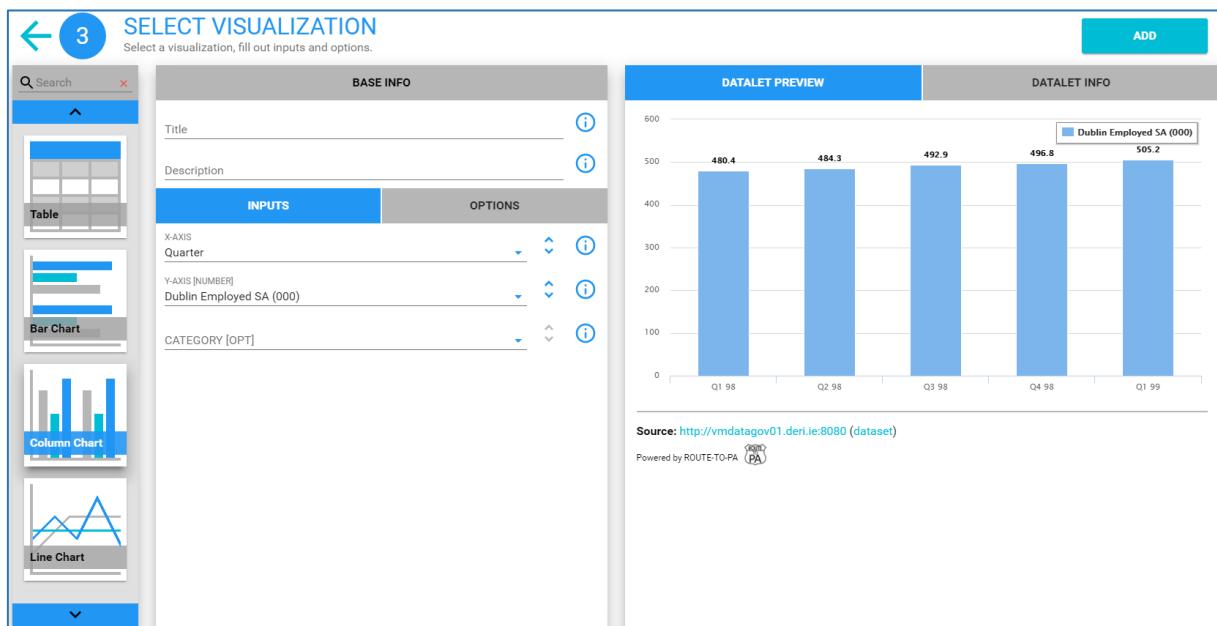
FIELDS		SELECTED DATA	
	Quarter	Dublin Employed SA (000)	
Dublin Employed SA (000)	Q1 98	480.4	
Dublin Unemployment Rate SA (%)	Q2 98	484.3	
National Unemployment Rate SA (%)	Q3 98	492.9	
Quarter	Q4 98	496.8	
	Q1 99	505.2	

Showing 1 to 5 of 5 rows Search  X

**EXPERT MODE** ≡ ⚙️ 🔍

### 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 the text '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 homepage. 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 prominently 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 large search bar at the top of the main content area says 'Find among 196 datasets' and includes a 'Dataset search' button. Below this, a section titled 'Estimated Budget 2013: Expenses' is shown. It includes a URL link and a note: 'The Expense section of the Estimated Budget 2013 of the Regione Lazio'. A data grid table is displayed, showing 7 rows of budget data. The columns include: id, Es.fin., Capitolo, Descr. c..., Missione, Descr. m..., Program..., Descr. pr..., PdC, Descr. P..., Previsio..., and F... . The data shows various budget items across different categories like Agriculture, Politics, and Programs.

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. The title is 'CKAN Data API'. It provides information on how to access resource data via a web API with powerful query support. It links to the 'main CKAN Data API and DataStore documentation'. Below this, it lists 'Endpoints' and describes how the Data API can be accessed via actions of the CKAN action API. It details several actions: 'Create' (HTTP://dati.lazio.it/catalog/api/action/datastore\_create), 'Update / Insert' (HTTP://dati.lazio.it/catalog/api/action/datastore\_upsert), 'Query' (HTTP://dati.lazio.it/catalog/api/action/datastore\_search), 'Query (via SQL)' (HTTP://dati.lazio.it/catalog/api/action/datastore\_search\_sql), and 'Querying' (with a link to 'Query example (first 5 results)'). The 'Query example (first 5 results)' section shows the 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). It also shows examples for 'Query example (results containing 'jones')' and 'Query example (via SQL statement)'. Finally, it shows a snippet of JavaScript code for a simple ajax (JSONP) request to the data API using jQuery.

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	

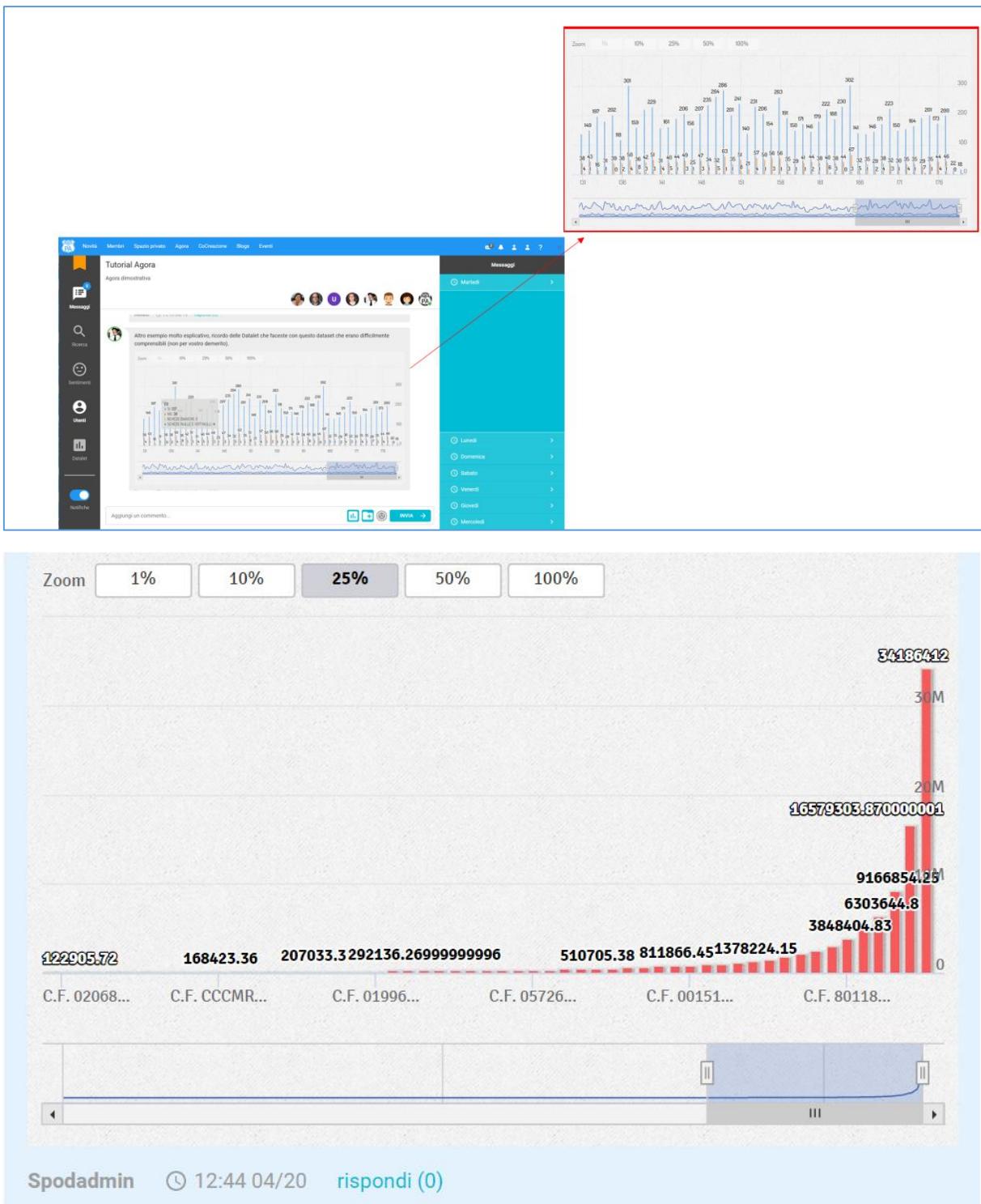
Showing 1 to 20 of 3537 datasets < > Search X

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.



## 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.

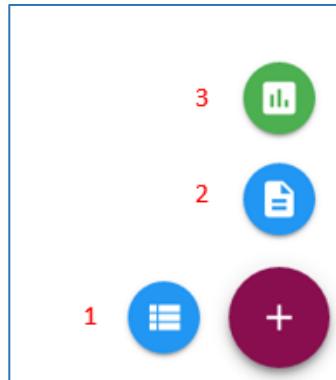


Figure 23: All features: (1) View all datasets; (2) Add a cocreation knowledge room; (3) Add a cocreation data room.

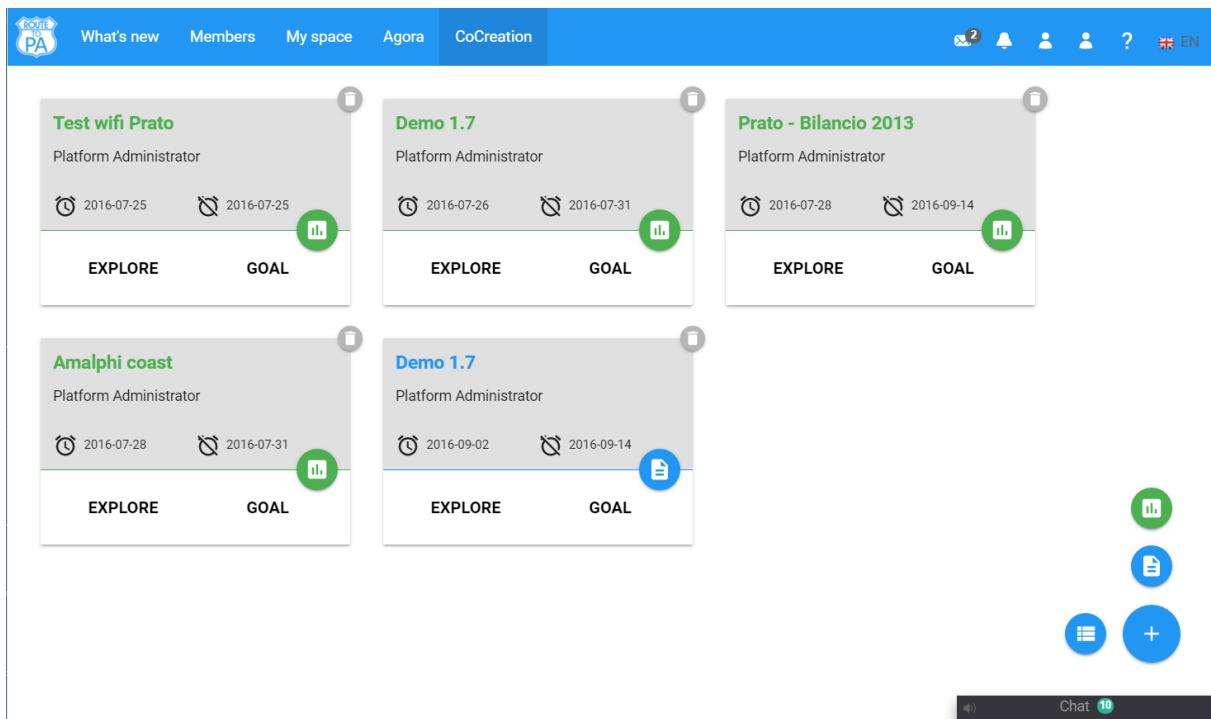


Figure 24: Create a **Data** or **Knowledge** room, take a look at all datasets

## 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:

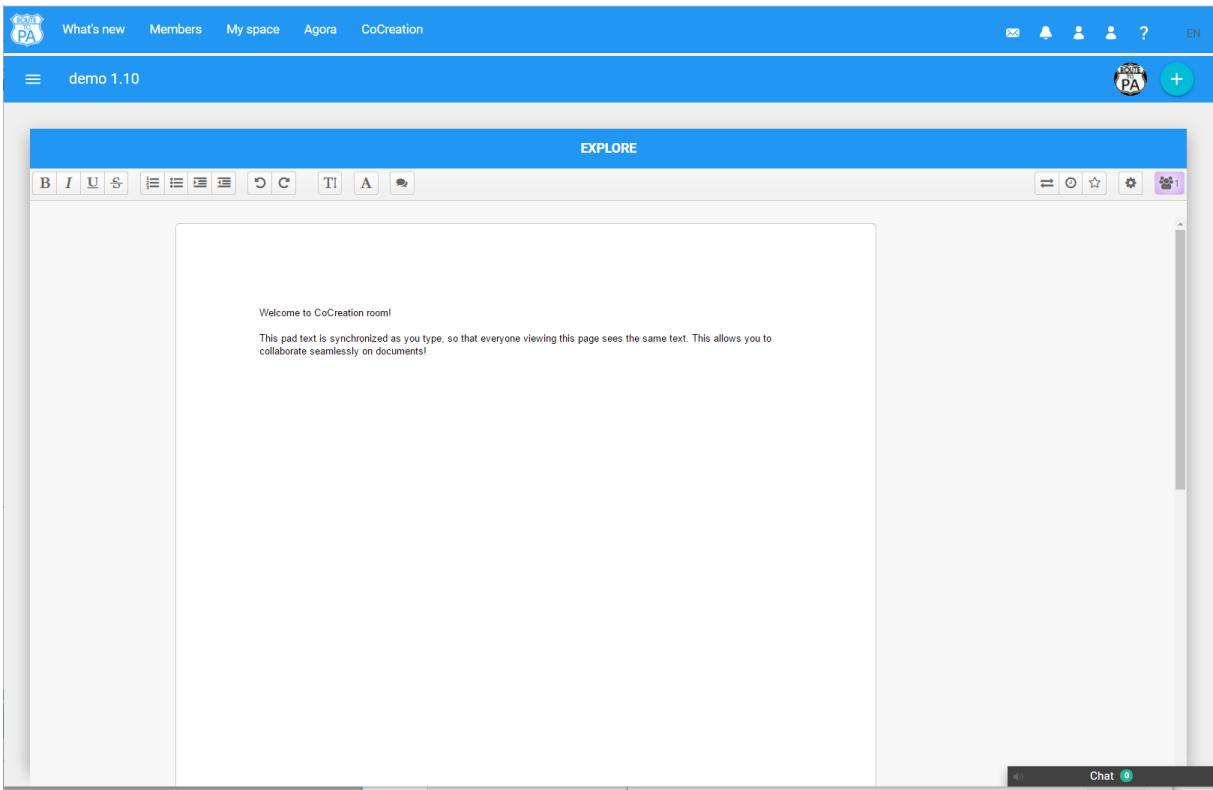
- Name of the Room
- Subject
- Description
- Period
- Goal
- Invitation test
- Members: suggest e-mail address of a user

**CREATE A NEW ROOM**

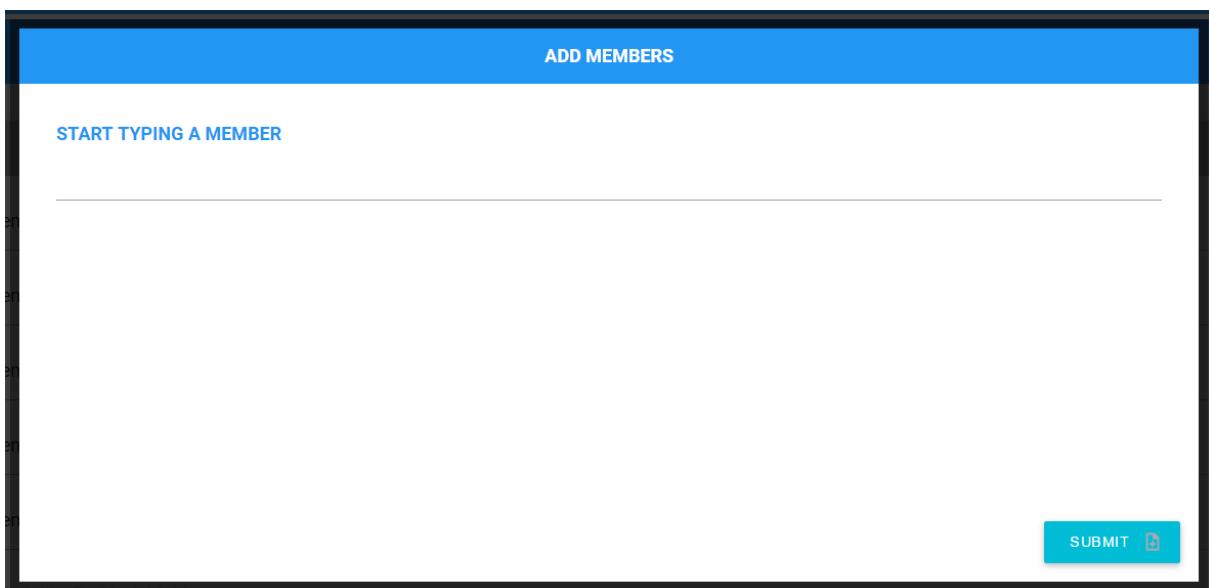
NAME	Name
SUBJECT	
DESCRIPTION	
PERIOD	
GOAL	
INVITATION TEXT	
MEMBERS	

#### 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.

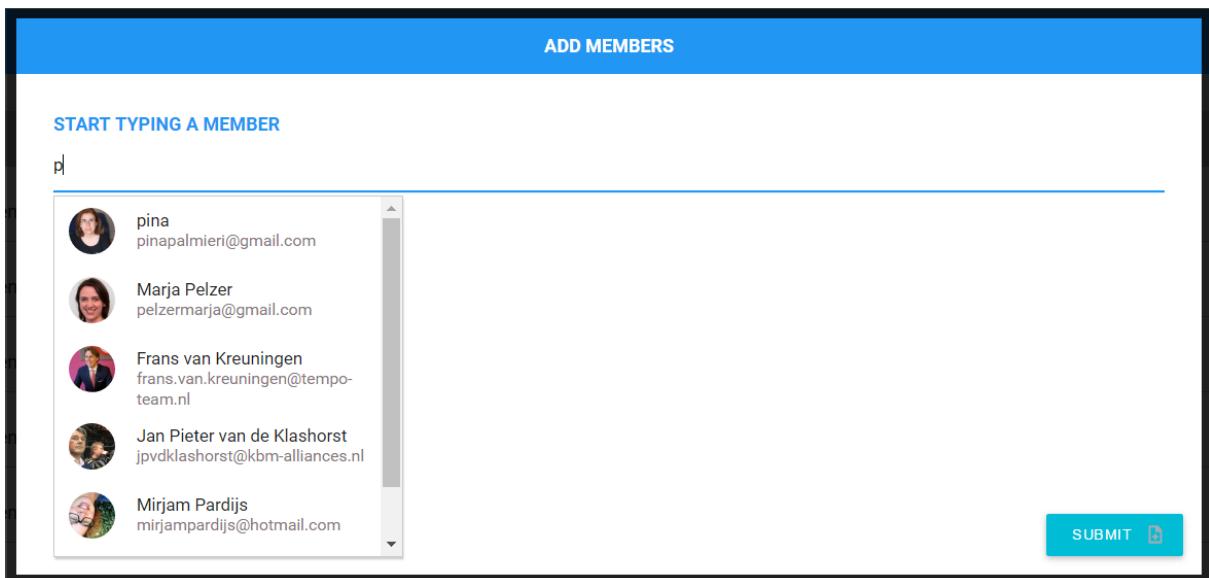


The screenshot shows the CoCreation platform interface. At the top, there's a navigation bar with icons for 'What's new', 'Members', 'My space', 'Agora', and 'CoCreation'. On the far right, there are user profile icons and language selection ('EN'). Below the navigation is a blue header bar with the room name 'demo 1.10'. The main area is titled 'EXPLORE' and contains a text editor with various formatting tools (B, I, U, S, etc.) and a toolbar with icons for file operations. A message in the text area reads: '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!' In the bottom right corner of the main area, there's a small 'Chat' window with a blue notification bubble containing the number '1'. The top right corner of the main area has a prominent blue circular button with a white plus sign (+), which is the key element described in the text above.



16.11.15 - 2016.11.20

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

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### 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 one with a plus sign. Below the modal is a "Chat" button with a green notification badge.

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

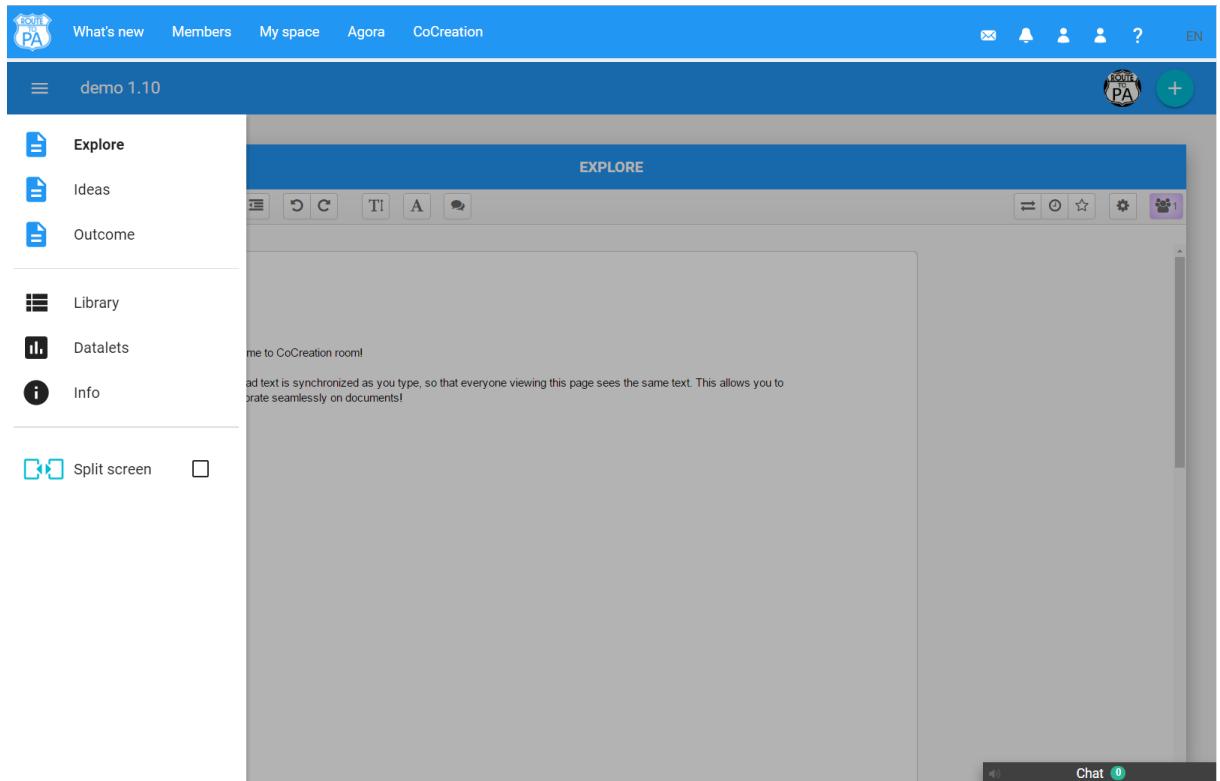
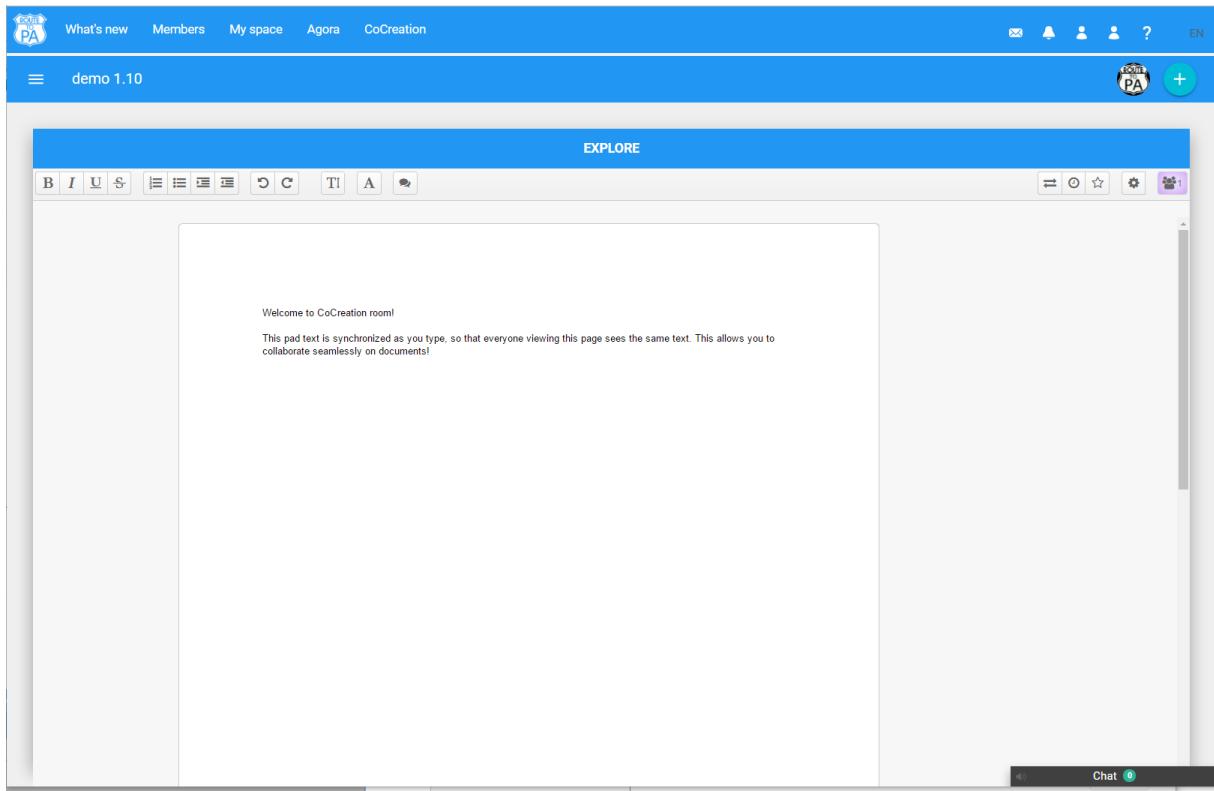


Figure 25: All features (show Explore, Ideas, Outcome, see Library, Add datalet, show Info, modify UI with Split screen) in a knowledge room

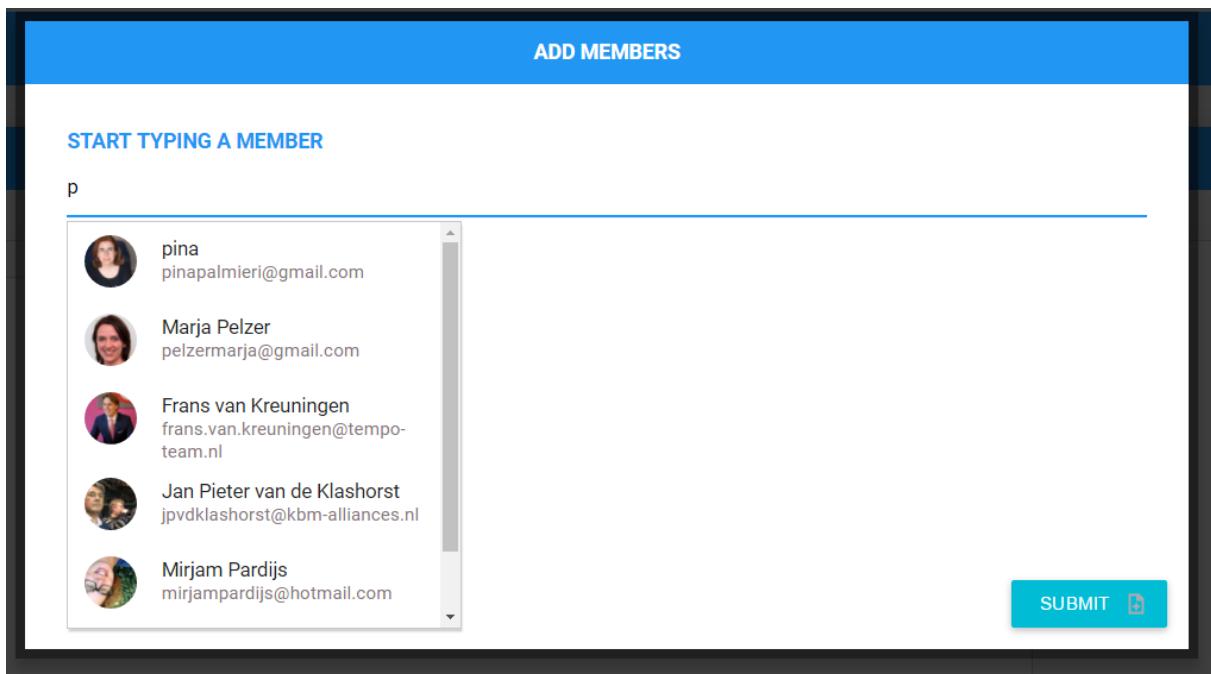
Figure 1: “What’s new” page in SPOD with custom widgets (Users, Agora Activities, SPOD help and Tweets) on the left sideAll features in a data room (show Dataset, Metadata, Notes, join to Discussion, Add datalet, show Info, modify UI with Split screen)

### 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

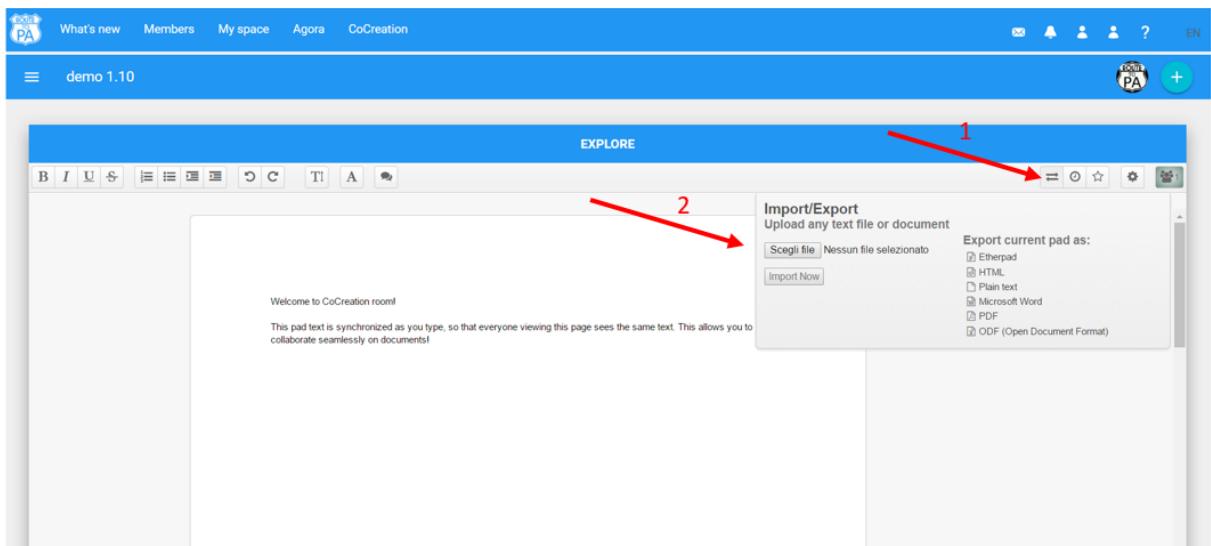
A collaborative space to guide user to constructive discussions within a small, private (by invitation) group. It includes tools specifically designed for small groups such as cocreating a template document for each of the three phases explore, ideas, outcome and annotation via post-it of the datalets 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'. It's a line chart comparing three locations: 04 Visserijbuurt (blue), 03 Scheveningen Badplaats (black), and 02 Vissershaven (green). The Y-axis represents values 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 chart shows peaks for Vissershaven in Handel (789) and for Visserijbuurt in Zorg (593). A red box highlights the 'Add Notes' button at the bottom. At the very bottom, there's a 'Chat' button with a count of 1. A red box highlights the 'Add, delete datalet' button and the '+' button.

This screenshot shows the 'CoCreation' room. On the left, there's an 'EXPLORE' section with a rich text editor toolbar. A red box highlights the 'Welcome to CoCreation room!' message and the note that text is synchronized. In the center, there's a data visualization similar to the one above, showing the same three locations and sectors. A red box highlights the 'Export to HTML, Export to PNG, Export to RTF, Import in My Space' button. Below it, there are buttons for 'PNG, RTF;' and 'Import in My Space'. A red box highlights the 'Import in My Space' button. At the bottom, there's a 'Chat' button with a count of 1.

#### 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.

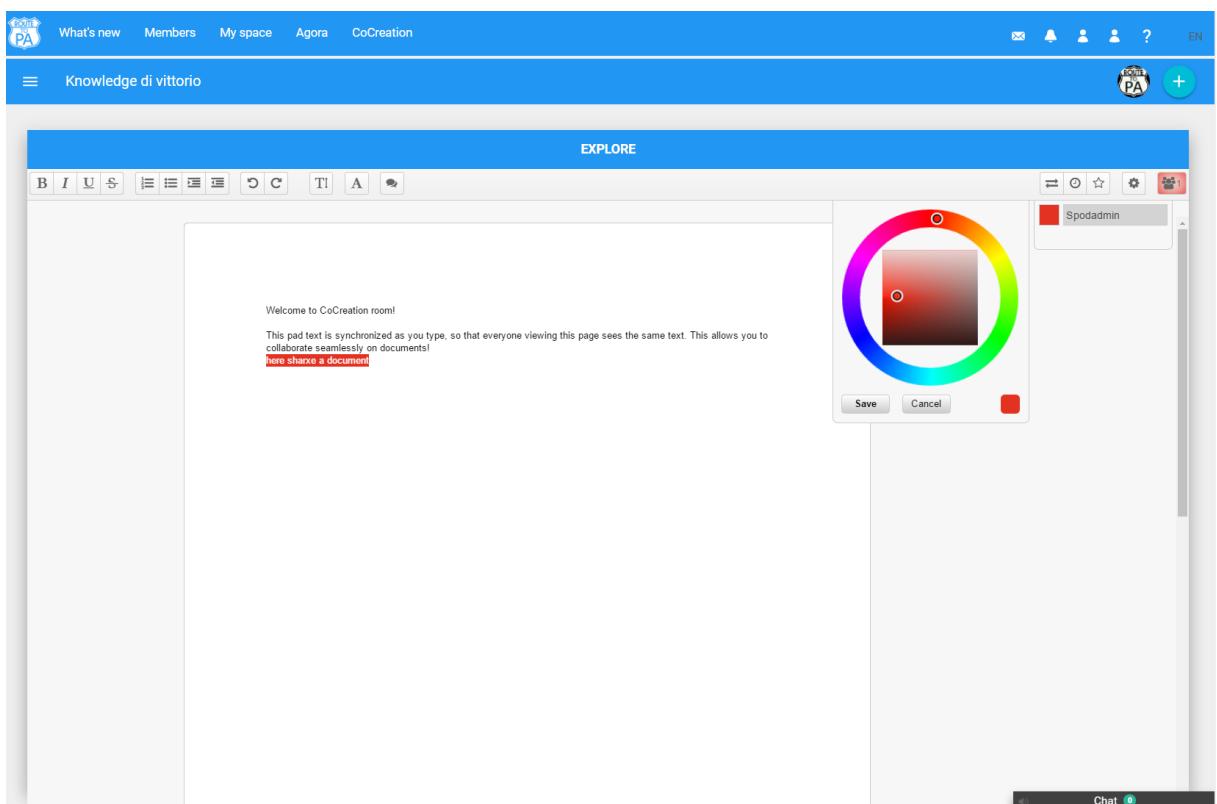
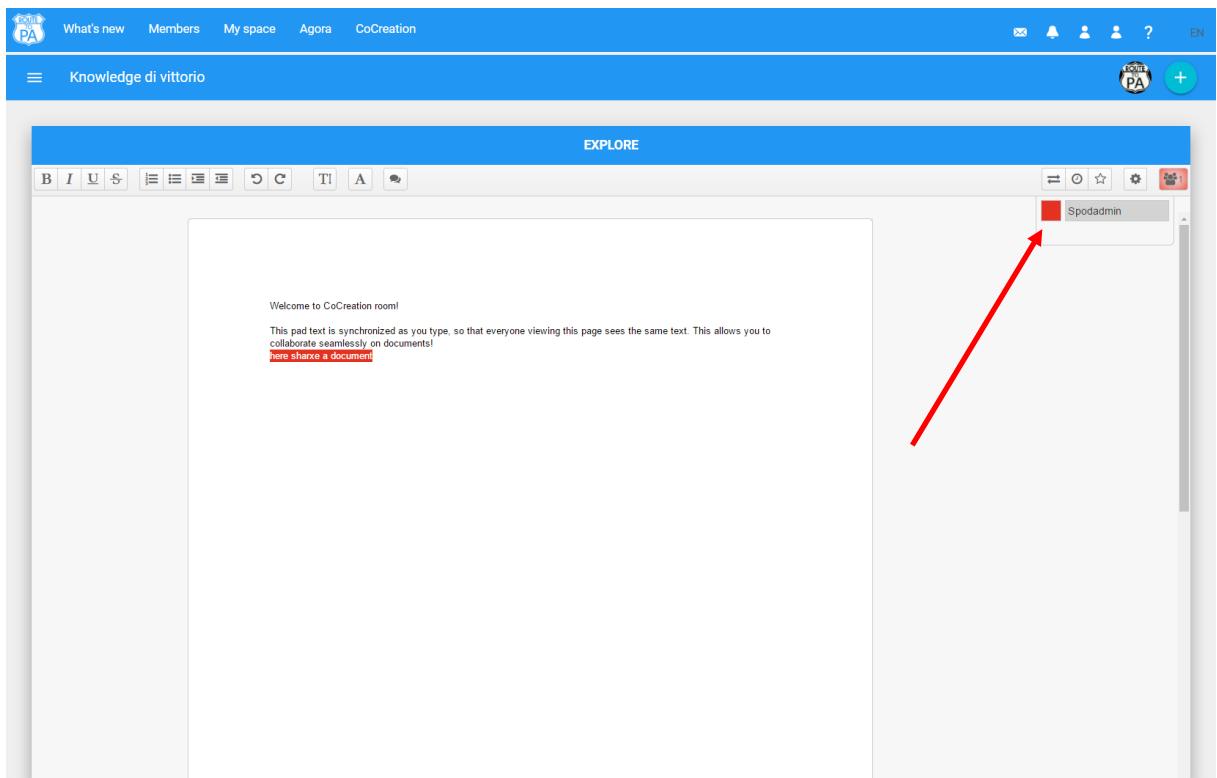
#### 8.1.4.3 ASSOCIATED COMMENTS

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.

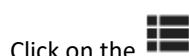
Sector	Value
Primaire sector, d...	0
Industrie, bouw, vervo...	94
Handel [personen]	302
Zakelijke diensten	319
Overheid en extra	789

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

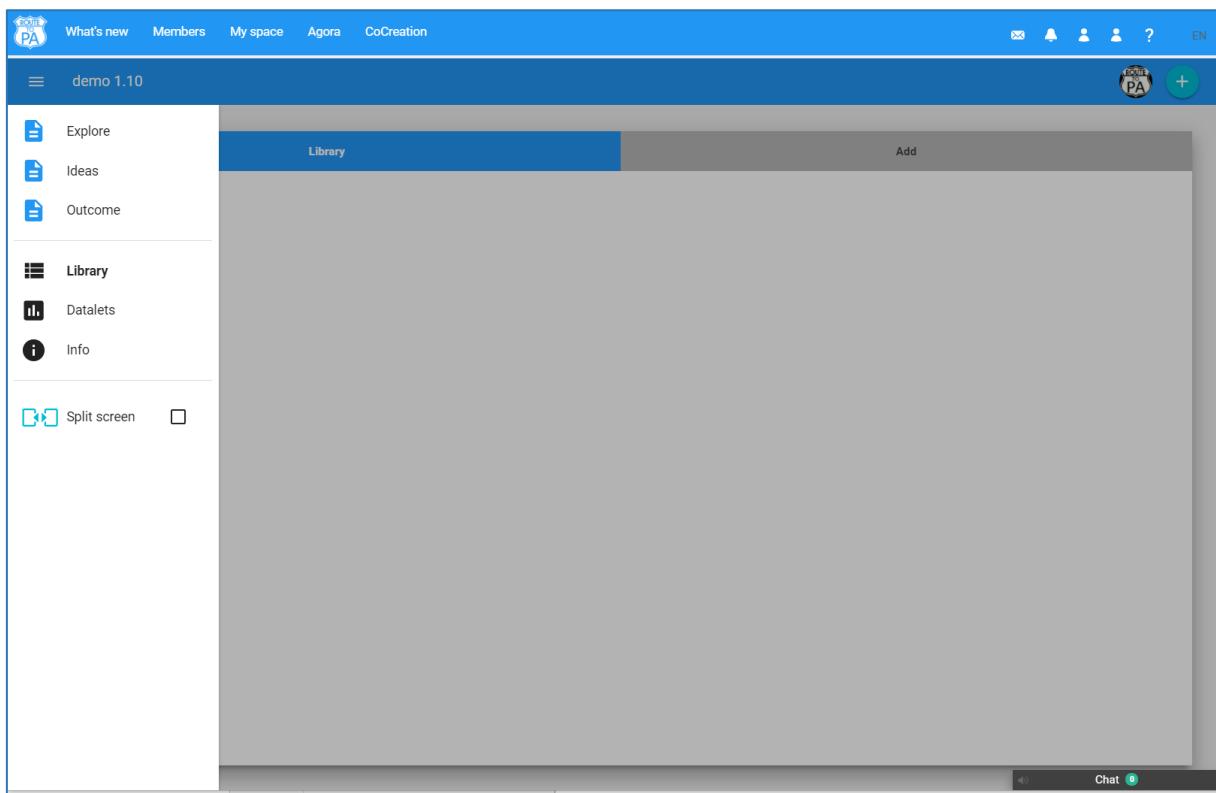
Click on the left side on the coloured icon (see screenshots below) and each member can choose a colour



#### 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 numbered 89 to 97. 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, row 17 has values 42, 19, 11, and 'Primaire sector; delfstoffen, nutsbedrijven [personen]'. Row 97 has values 27, 34, 486, and 'Overige dienstverlening [personen]'.

	17 Schildersbuurt-Oost	18 Huygenspark	19 Laakhaven-Oost	Omschrijving
89 Morgenstond-Oost	42	19	11	Primaire sector; delfstoffen, nutsbedrijven [personen]
90 Ockenburgh	121	86	49	Industrie, bouw, vervoer [personen]
91 Kijkduin	111	463	353	Handel [personen]
92 Boheme/Meer en Bos	96	503	2449	Zakelijke diensten [personen]
93 Componistenbuurt	163	0	741	Overheid en extra-territoriale instellingen [personen]
94 Waldeck-Noord	174	225	275	Zorg [personen]
95 Kom Loosduinen	151	219	1825	Onderwijs [personen]
96 Zijden/Steden/Zichten	25	90	20	Cultuur, sport en recreatie [personen]
97 Kraayenstein	27	34	486	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

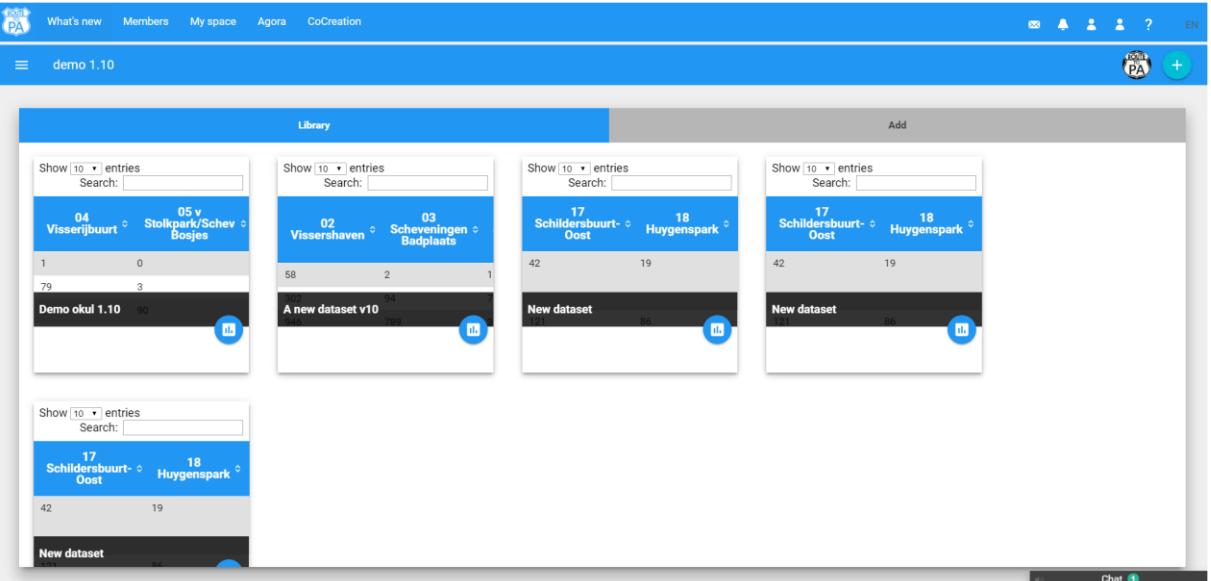
Name

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 help, along with a language selector set to 'EN'. Below the header, a blue banner displays the text 'demo 1.10' on the left and a small logo on the right. The main area is divided into two sections: 'Library' on the left and 'Add' on the right. The 'Library' section contains five datalets, each with a title, a list of items, and a blue circular button with a white icon. The titles and counts are as follows:

Dataset Title	Count
04 Visserijbuurt	1
05 v Stolkpark/Schev Bosjes	0
Demo okul 1.10	79
A new dataset v10	90
New dataset	17
Schildersbuurt- Oost	58
Huygenspark	1
New dataset	18
Schildersbuurt- Oost	42
Huygenspark	19
New dataset	42
Schildersbuurt- Oost	19
New dataset	19

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).

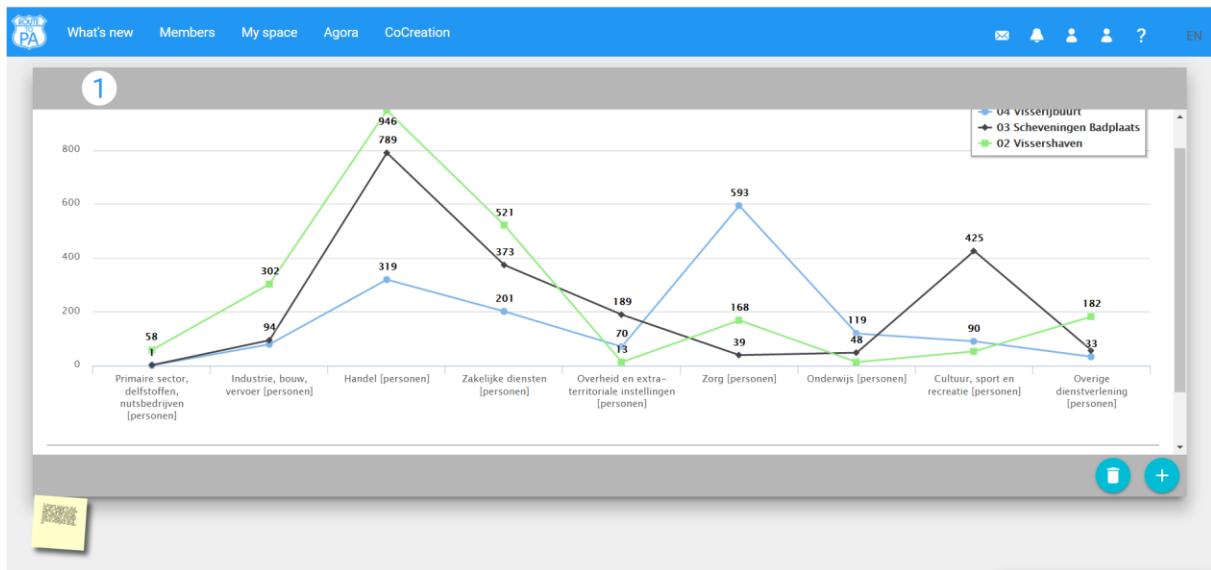
The screenshot shows a user interface for selecting a dataset. At the top, there is a blue header with the text "SELEZIONA UN DATASET" and a large number "1". Below this, there are three tabs: "DATASET DEI PROVIDER" (selected), "DATASET COCREATI", and "RICERCA ESTESA". A dropdown menu labeled "Provider: Tutti" is open. On the left, a list of datasets is shown, with the first item, "Prato: wi-fi", highlighted in yellow. To the right, a detailed view of this dataset is displayed, showing its title "test di creazione un nuovo dataset (1.9)" and description "description: test 1.9". At the bottom, there is a search bar and a URL field containing "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", and "CoCreation". The "CoCreation" tab is active. On the left, a sidebar titled "demo 1.10" contains links for "Explore", "Ideas", "Outcome", "Library", "Datalets" (which is currently selected and highlighted in blue), and "Info". Below this is a "Split screen" section. The main content area is grey and displays the message "THERE ARE NO DATALETS TO SHOW". In the bottom right corner of the main area, there are two small circular buttons: a blue one with a plus sign (+) and a grey one with a minus 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 'CoCreation' section of the SPOD email notification settings. It includes two toggle switches: one for 'Someone creates a new cocreation room' set to 'Immediately' and another for 'Someone comments in a data cocreation room' also set to 'Immediately'. A 'SAVE SETTINGS' button is at the bottom.

### 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 'CoCreation' section of the SPOD email notification settings. It includes a toggle switch for 'Someone comments in a data cocreation room' set to 'Immediately'. A 'SAVE SETTINGS' button is at the bottom. On the right, there is a sidebar menu with options: My Profile, Profile Edit, My Preferences, Mail Notifications, SPOD email notification (which is highlighted), and Sign Out.

### 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..

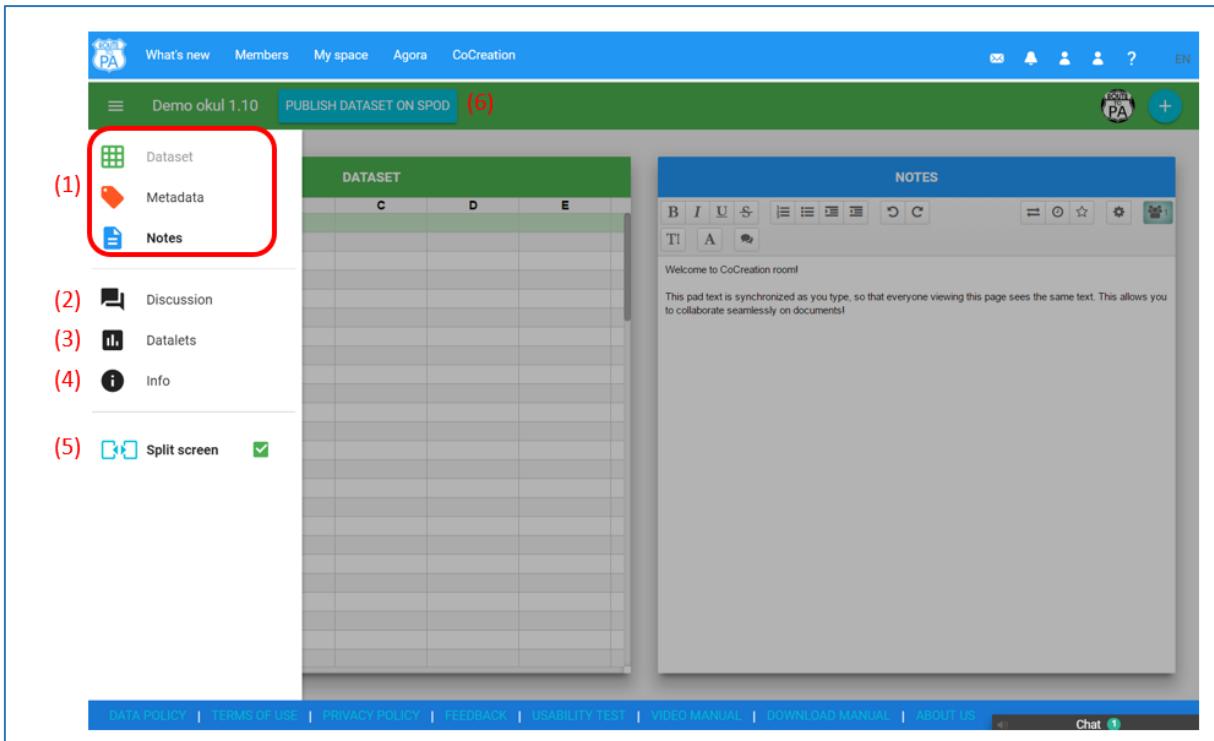


Figure 26: Create a dataset with data validation with notes and metadata for the dataset (1); social and collaborative discussion with attached file (e.g., doc, pdf and images document) (2); add a new datalet (3); show information about the room (4); customize the user interface (5), finally publish 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

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

**dataset\_recoms410\_BkbnQ**

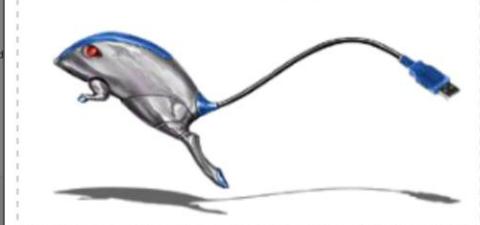
NE INDICAZIONE SULL'OGGETTO (DESO)	Annotazioni	Bibliografia	Sitografia	DOCUMENTAZIONE	GEOLOCALIZZAZIONE	DIMENSIIONE
3 i conservazione: Manca il collo. Acroma, presenta larghi tratti di	deposita in rapporto ad un atto devazionale, riproduce forme di contenitori per derrate, oli, acqua vino ossia contenitori delle principali offerte alla divinità usati per libagioni					
4 iinocche e kalathos(sottogruppo b)	Questi ex voti 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 da quelli che si trovavano nell'ambito meridionale. Questi ex voti 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 da quelli che si trovavano nell'ambito meridionale. I contenitori di forma regolare, sia di ceramica a vetrina 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.	Assente		40.91165900...	Digitale	
5 illa clava . Figura stante gravante sulla gamba destra : la sinistra è	I contenitori di forma regolare, sia di ceramica a vetrina nera sia di quella acroma(ceramica da mensa e da dispensa) potevano essere utili ai pasti comuni che si dovevano svolgere nel santuario.	Si		40.91200567...	Digitale	
Esperi. La mano destra reggeva la clava. Il volto è girato verso	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.			40.9119477,1...	Digitale	
conservazione: è mutilato dell'altezza del oinocchio destro e del						

Show 50 entries Search 0 of 0

ROUTETO PA What's new Members Events My space Agora CoCreation

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

**dataset\_recoms410\_BkbnQ**

NE INDICAZIONE SULL'OGGETTO (DESO)	Annotazioni	Bibliografia	Sitografia	DOCUMENTAZIONE	GEOLOCALIZZAZIONE	DIMENSIIONE
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					
4 iinocche e kalathos(sottogruppo b)	<b>Upload image</b> Select file Upload					
5 illa clava . Figura stante gravante sulla gamba destra : la sinistra è						
Esperi. La mano destra reggeva la clava. Il volto è girato verso	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.					
conservazione: è mutilato dell'altezza del oinocchio destro e del						

Show 50 entries Search 0 of 0

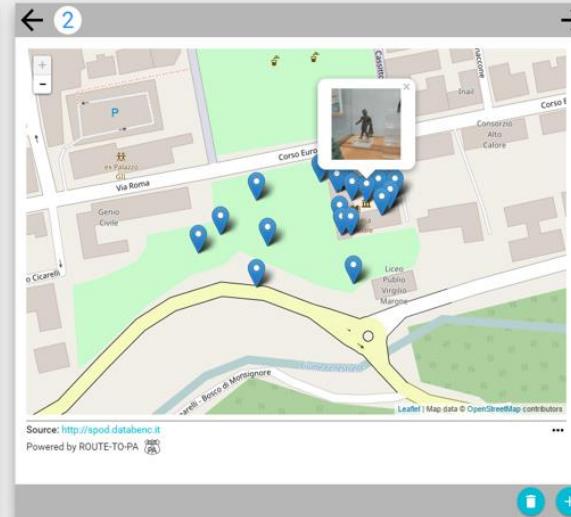
What's new Members Events My space Agora CoCreation

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

	Bibliografia (BIB)	Sitografia	DOCUMENTAZIONE	FOTOGRAFICA (FTA)	GEOLOCALIZZAZIONE	ATTUALE	AMBIENTAZIONE	FOTOGRAFICA	TIPO (F/TAP)
3				Assente		40.9116590...			
4						40.91200567...			Digitale
5						40.9119477,1...			Digitale
6						40.9119477,1...			Digitale
7						40.9119477,1...			Digitale

Show 50 entries





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

### 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.

What's new Members My space Agora CoCreation Events

Museo Irpino - Liceo Scientifico "Mancini" (Av) OWNER

- Dataset
- Metadata
- Notes
- Discussion
- Datalets
- Images**
- Info

58C04133660E7\_IMG\_1261.JPG



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

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

Museo Irpino - Liceo Scientifico "Mancini" (Av)

**OWNER**

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

**Dataset**

	N inventario volume	Numero di inventario (NI)	Definizione Oggetto (OGTD)	STATO (PVCS)	REGIONE (PVCR)
4	Assente	1527	Statuina offerente 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

### 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

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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 Bellifiore 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 Cossidente Carmine	Maschio	Aversa	Aversa	40 973212,14 204928	Aversa
14 Cossidente Pasquale	Maschio	Aversa	Aversa	40 973212,14 204928	Aversa

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 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:**

1

DATA POLICY | TERMS OF USE | PRIVACY POLICY | FEEDBACK | USABILITY TEST | VIDEO MANUAL | DOWNLOAD MANUAL | ABOUT US Chat 1

- 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	→		
FIELDS		SELECTED DATA		
	Tower name	Description	Construction started	Construction ended
Tower name	Cetara tower, or tower of Cetara...em...	Tower of Cetara	On the eastern side of Cetara rises the tow...	1536
Description		Erchie Tower	The Tower of Erchie "The Cerniola", built ...	1532
Location		Tower Capo Tummolo	The tower Capo Tummolo is built around ...	1570
Prov		Norman tower, or tower of Salicerchio	Norman tower, or tower of Salicerchio, bui...	1534
Construction started				1590
Construction ended				
Lat				
Long				

- Collaborative discussion in co-creation data

What's new Members My space Agora CoCreation

PA ? EN

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
	Nome Torre	Descrizione	Città	Provincia	Inizio Restauro	
1	tarella (o > del tamone) ri sul Mare )	La prima torre che si incontra lunga strada costiera che da Salerno conduce a Positano è detta della Crestarella o torre del Chiaramone, costruita nel 1564 e rimaneggiata nel 1698/79. È una torre quadrata a due piani che ha subito nei corso dei secoli numerose trasformazioni che ne hanno mutato il caratteristico aspetto.	Vietri sul mare	Salerno	1564	1578
2	Blanchi ri sul Mare )	Vto Bianchi è molto più grande perché torre di difesa, inizialmente adibita a caserma della Guardia di Finanza.	Vietri sul mare	Salerno	1569	
3	onda torre ri sul mare )	Tale torre è adibita a torre di avvistamento e di dimensioni piuttosto attualmente incorporata in una fabbrica	Vietri sul mare	Salerno	1569	

- 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 about historical towers in Vietri sul Mare, Salerno. On the right, there is a "DISCUSSION" section 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 various towers from the dataset, such as Crestarella, Vito Bianchi, Seconda torre, Torre Cetara, etc., with their respective details. 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 Search  X

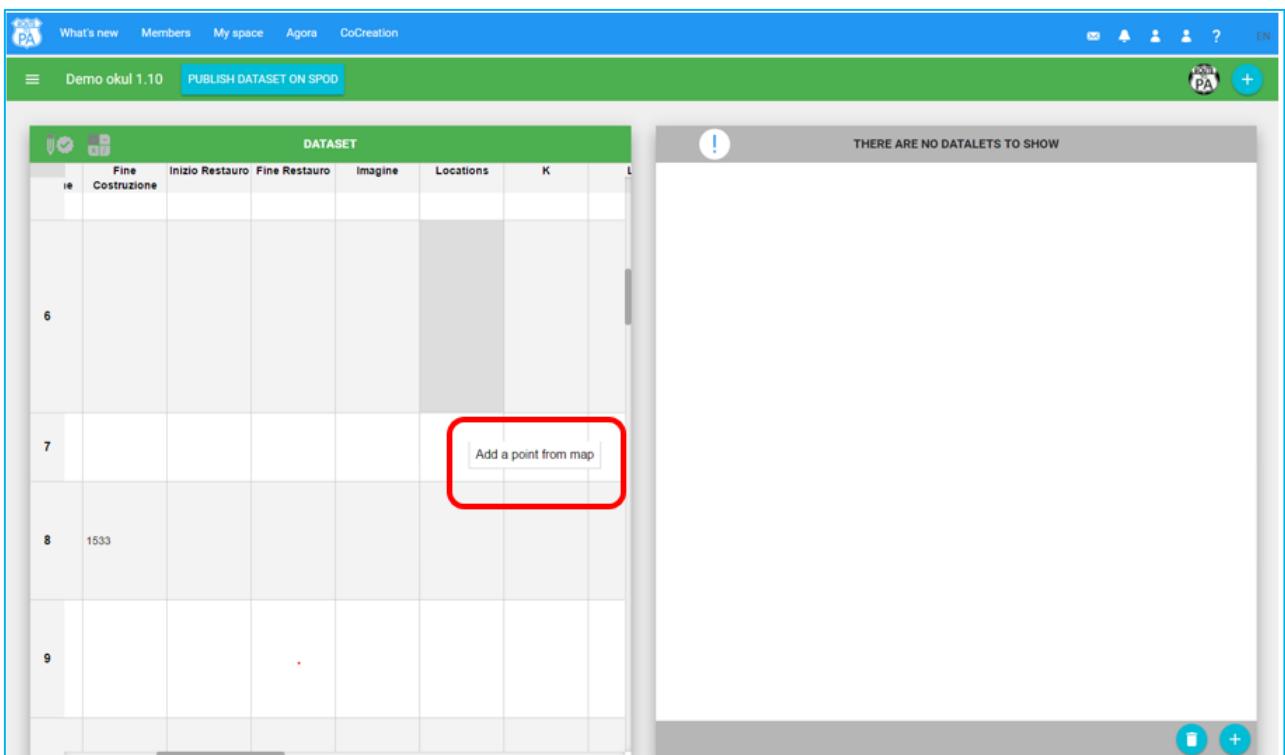
Selected url:  
[http://spod.routetopa.eu/cocreation/ajax/get-dataset-by-room-id-and-version/?room\\_id=4&version=2](http://spod.routetopa.eu/cocreation/ajax/get-dataset-by-room-id-and-version/?room_id=4&version=2)

**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 is titled "DATASET" and contains a grid of rows and columns. Row 7, column 7 contains the text "Add a point from map", which is highlighted with a red rectangular box. To the right of the grid, 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

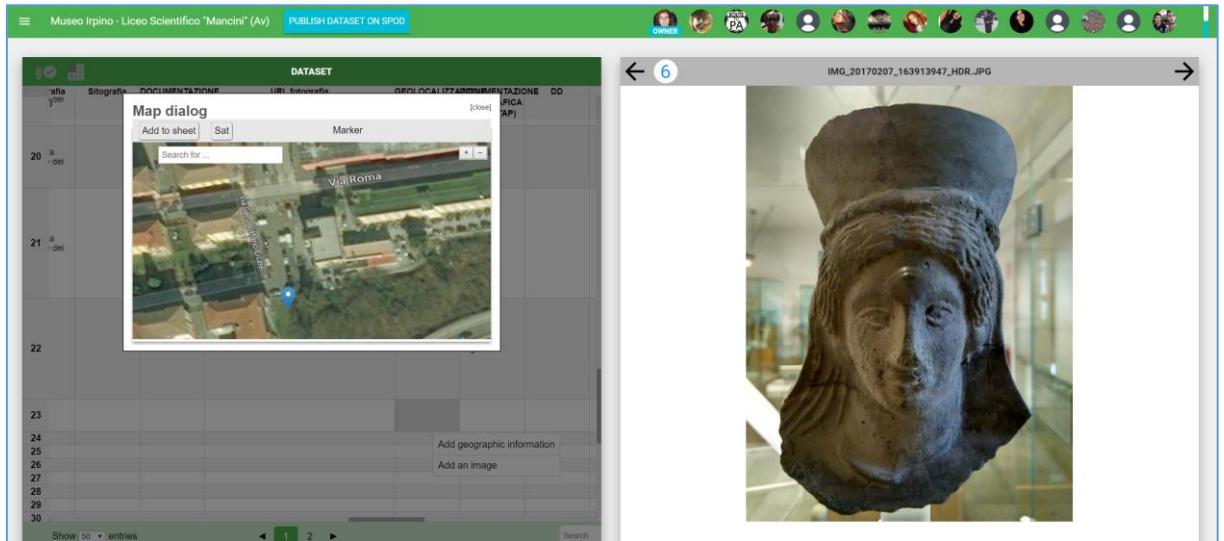


Figure 28: Search box on the left top side with autocomplete

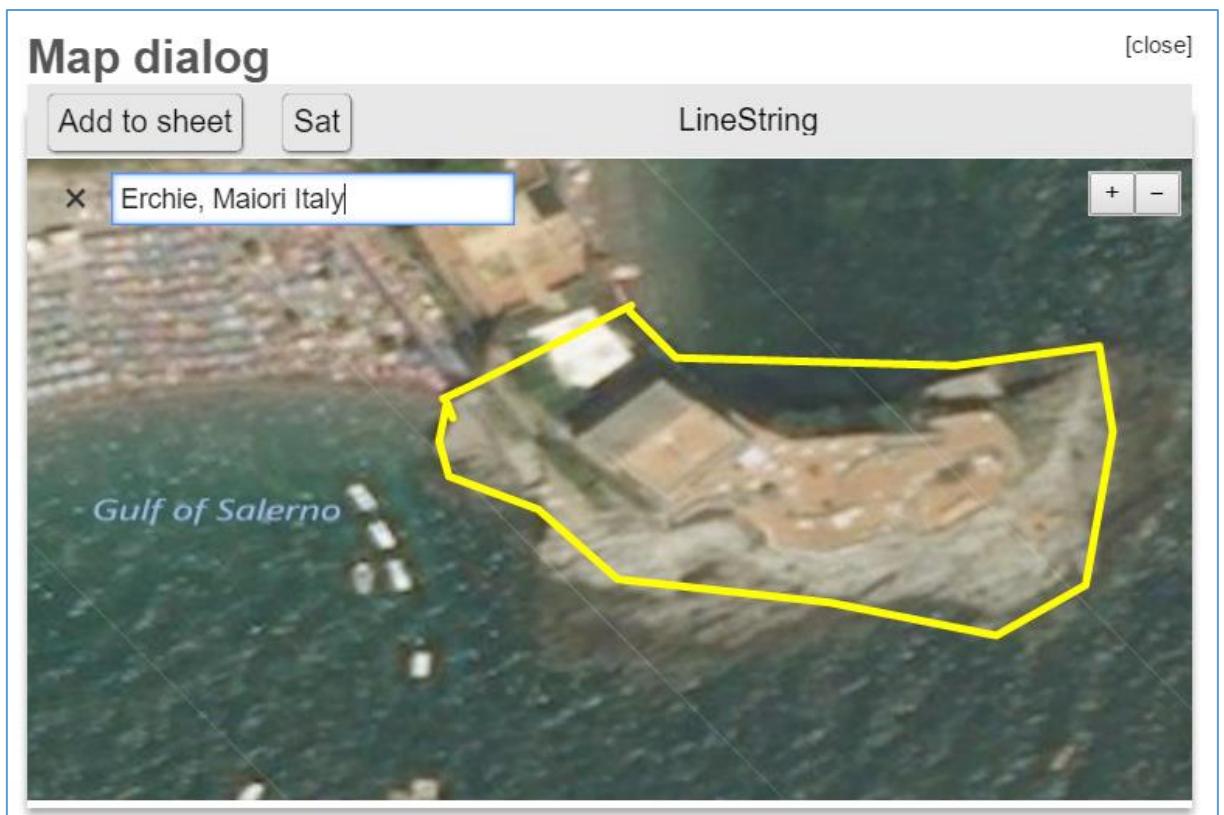


Figure 29: Customize the map

2

## SELECT VISUALIZATION

ADD

Select a visualization, fill out inputs and options.

Tree Map

Geojson Map

**BASE INFO**

Title: Amalphi Coast i

Description: Cerniola Tower (Erchie- Sa) i

INPUTS	OPTIONS
GEOJSON GeoJson	^ <span style="color: #0072bc;">i</span>
GEOJSON CONTENT Description	^ <span style="color: #0072bc;">i</span>
GEOJSON CONTENT Province	^ <span style="color: #0072bc;">i</span>

**DATALET PREVIEW**

**DATALET INFO**

Figure 30: Add a datalet with a custom map

## 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

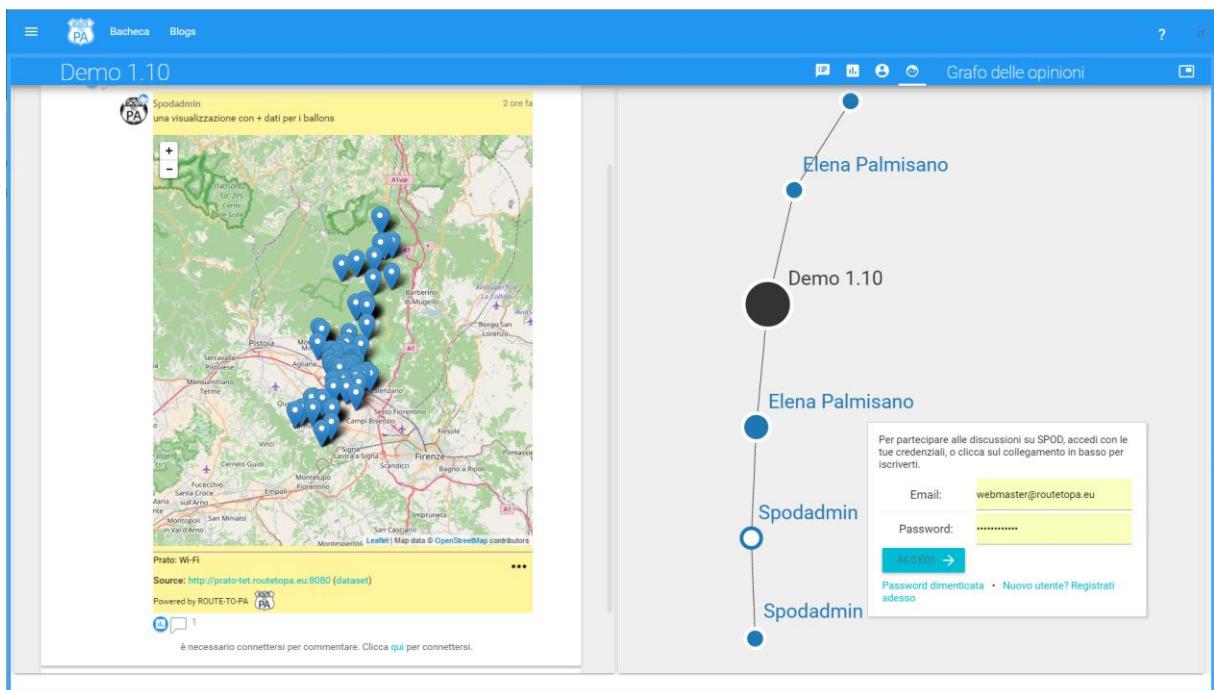
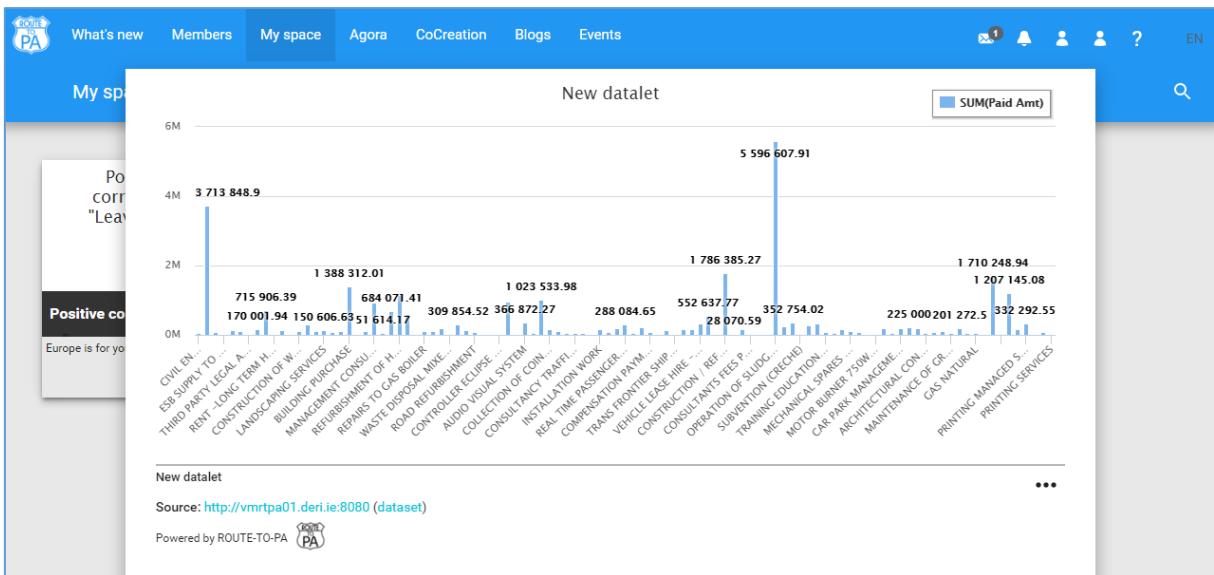
The screenshot shows a user interface for the SPOD platform. On the left, there is a sidebar with a logo for 'ROUTE TO PA' and links for 'Bacheche' and 'Blogs'. The main area has a title 'Demo 1.10'. Below it, there is a comment section from 'Elena Palmisano' and a reply from 'Spodadmin'. A message at the bottom says 'è necessario connettersi per commentare. Clicca qui per connetterti.' On the right, there is a social network graph with nodes for 'Demo 1.10', 'Elena Palmisano', and 'Spodadmin'. A red box highlights a login form with fields for 'Email' (webmaster@routetopa.eu) and 'Password' (redacted). Below the password field is a 'Login' button with a right-pointing arrow. At the bottom of the form, there are links for 'Password dimenticata' and 'Nuovo utente? Registrati adesso'.

#### 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'. The URL is <https://data.dublinked.ie/dataset/d13cc82e-273c-408e-bb2c-9f24861b5d44/resource/8e761a2a-f16f-4c9e-8d4e-2ebc42f56b4c/download/ddcpromptpayment2013qtr2.csv>. The page includes a 'Go to resource' button and a 'Data API' button. Below the URL, it says 'From the dataset abstract'. A note states: 'Local Government Financial Reporting Prompt Payments schedule for Dublin City Council. Lists total quarterly invoices paid. This information refers to purchases in excess of...'. The source is 'Dublin City Council Prompt Payments'. There are two tabs: 'Data Explorer' (selected) and 'Pivot Table'. An 'Export to SPOD' button is visible. The 'Pivot Table' view shows a table with columns 'Vendor Name', '\_Id', and 'Paid Amt'. The 'Item Description' column lists various categories with their totals. The table is as follows:

Item Description	Totals
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, calendar, buildings, person, graduation cap, house, and person. A search bar labeled "Find..." is also present. On the left, there is a section titled "Last modifications" listing recent changes to datasets such as "Parkings sur le territoire de Grand Paris Seine Ouest" and "Carrefours de Grand Paris Seine Ouest équipés de modul...". In the center, there is a section titled "Most popular data" listing datasets like "Les commerces ou services en lien avec les animaux à Issy..." and "Liste des fleuristes et jardineries à Issy-les-Moulineaux". On the right, there is a section titled "Last reuses" listing datasets such as "Les accès internet et wifi publics" and "Animations Futur en Seine à Issy".

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:

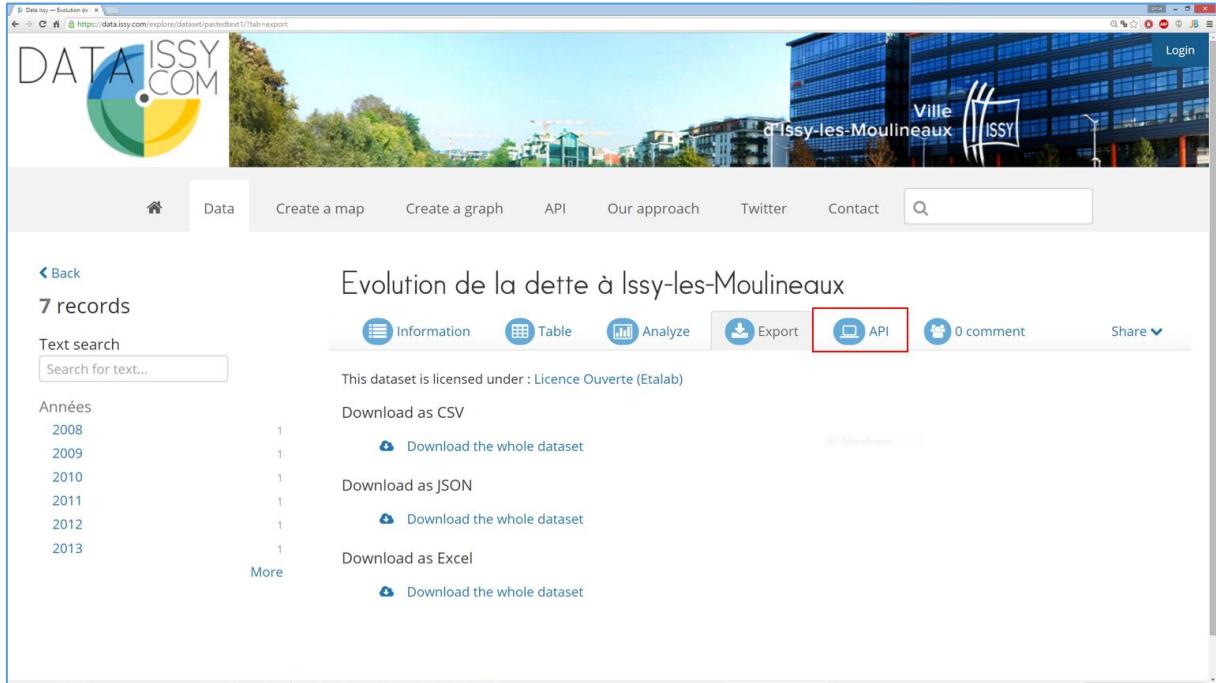
The screenshot shows a new discussion post form titled "fil de nouvelles". It has a text input field with placeholder text "Quoi de neuf aujourd’hui ?" and a "REVOIR" button. Below the input field are several icons: a plus sign, a location pin, a chart, and a clipboard. To the right, there is a blue button labeled "ENVOYER" with a right-pointing arrow.

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

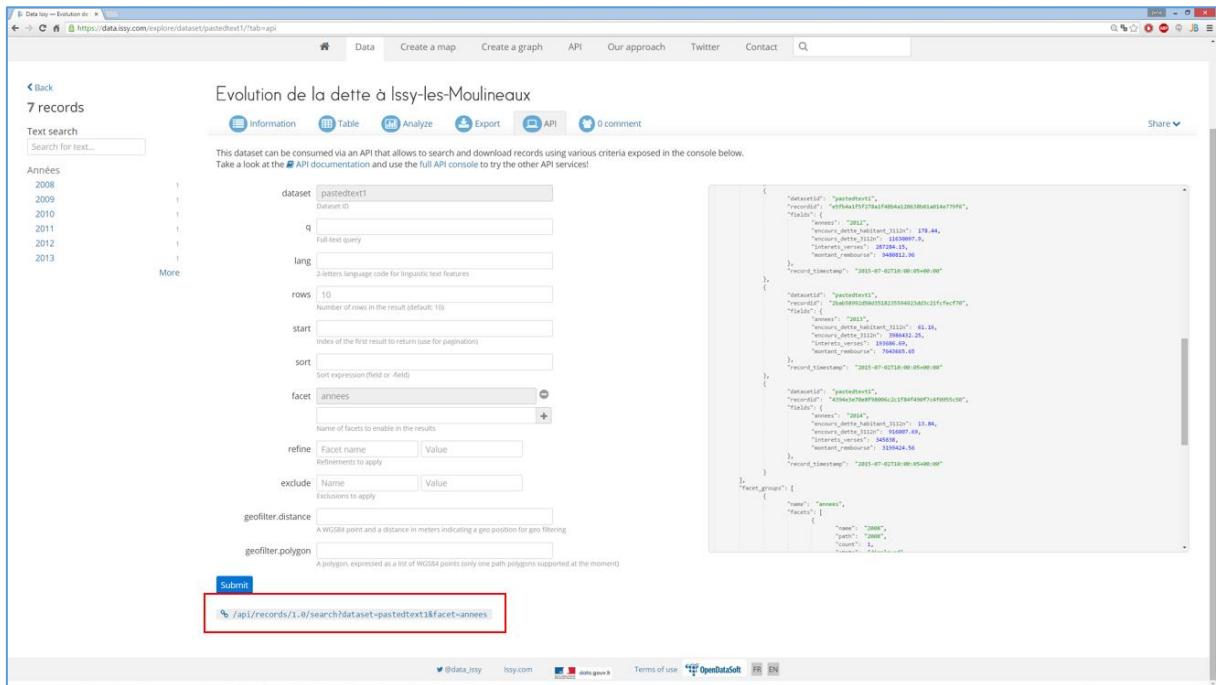
The screenshot shows the "SÉLECTIONNER UN JEU DE DONNÉES" (Select a dataset) wizard. The first step, "1 SÉLECTIONNER UN JEU DE DONNÉES", is active. It has three tabs: "DATASET DE PROVIDER", "DATASET COCRÉE", and "RECHERCHE AVANCÉE". The "DATASET DE PROVIDER" tab is selected, showing a dropdown menu set to "Tout". Below the dropdown is a list of datasets: "Les dépenses de fonctionnement par types de services à la population", "Déchetteries fixes de Grand Paris Seine Ouest", "Liste des établissements scolaires à Issy-les-Moulineaux", "Les panneaux électroniques d'information à Issy-les-Moulineaux" (which is highlighted in blue), "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, there is an "INFORMATIONS SUR DATASET" panel with a heading "Où sont-ils à Issy? Combien sont-ils?". It includes a street view image of a street in Issy-les-Moulineaux and a link to "http://www.kiwiplus.fr/". At the bottom, there is a footer with 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 border.



This screenshot shows the same website but with the API search interface open. The URL in the address bar is <https://data.issy.com/explore/dataset/pastedtext1/?tab=api>. The interface 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' (refinement), 'exclude' (exclusion), 'geofilter.distance' (geo filter distance), and 'geofilter.polygon' (geo filter polygon). On the right, the search results are shown as JSON code, which lists several records with their details like 'annees', 'couv\_detts\_2012', 'couv\_detts\_2013', 'intrests\_verses', and 'montant\_reboursé'.

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>			

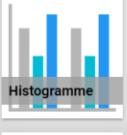
**2 SÉLECTIONNER DES DONNÉES**

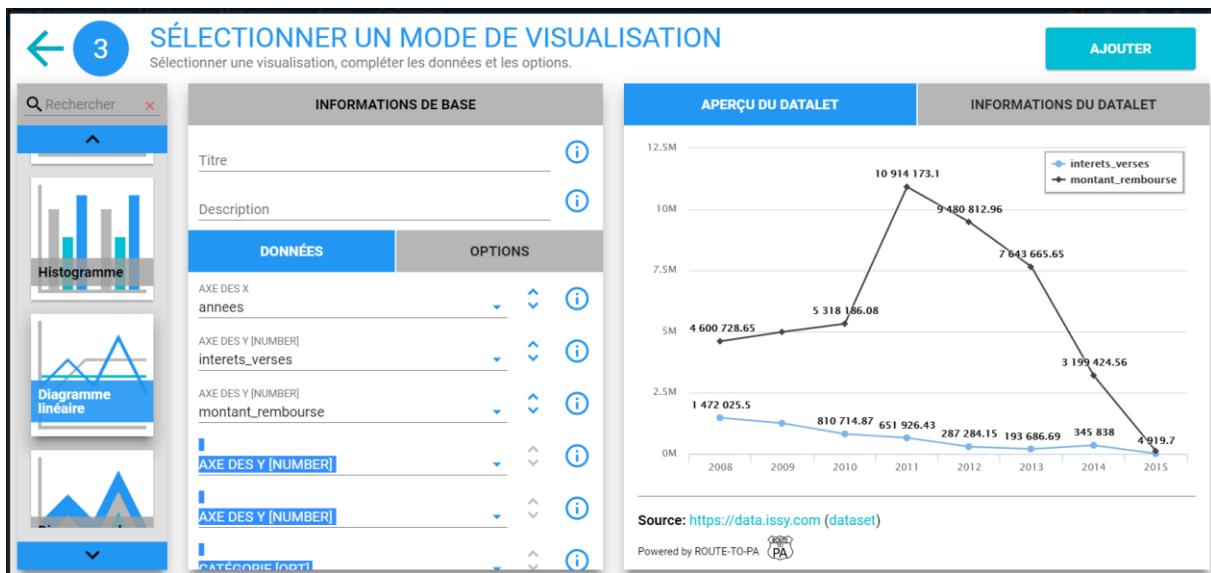
Sélectionner les champs sur la gauche. Le tableau présentera les valeurs liées aux champs sélectionnés.

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
Rechercher	Titre	<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.	
  	Description	<b>DONNÉES</b> AXE DES X AXE DES Y [NUMBER] AXE DES Y [NUMBER] AXE DES Y [NUMBER] AXE DES Y [NUMBER] CATÉGORIE [OPT]	
<b>OPTIONS</b> • AXE DES X L'axe des x. • AXE DES Y L'axe des y. • CATÉGORIE La catégorie qui sépare les valeurs de l'axe des x. Si sélectionné, seulement le premier axe des y sera considéré.		<b>OPTIONS</b> • Label de l'Axe des X Le label de l'axe des x.	



## 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.

Bienvenue sur le portail des données publiques de la Région Île-de-France et de ses partenaires

Actus

Publication, réutilisation, compte-rendu d'événements ... retrouvez les dernières actualités de la démarche open data de la Région.

Voir les actus

Données

Rechercher une donnée par thématique :

- Administration
- Aménagement du territoire
- Assemblée régionale
- Bâtiment, équipements
- Cadre de vie, environnement
- Déplacements, transports
- Emploi
- Enseignement, formation, recherche
- Finances publiques
- Justice
- Logement, santé, social
- Sport, tourisme, loisirs
- Vie culturelle
- Vie économique, innovation
- Vie sociale
- Vie urbaine

Rechercher une donnée parmi l'ensemble de notre catalogue :

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:

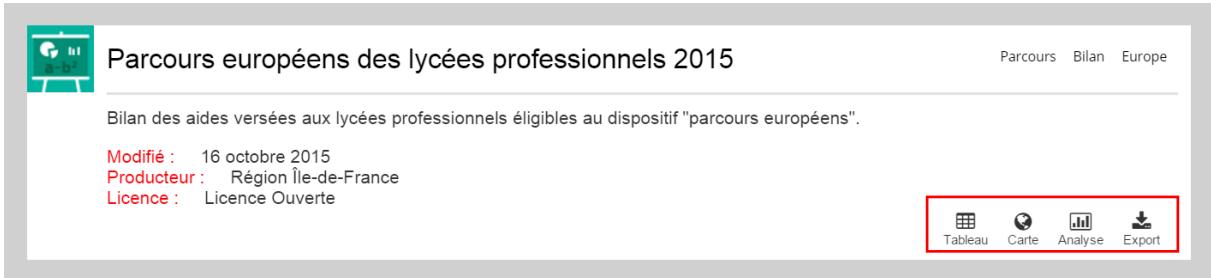
fil de nouvelles

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



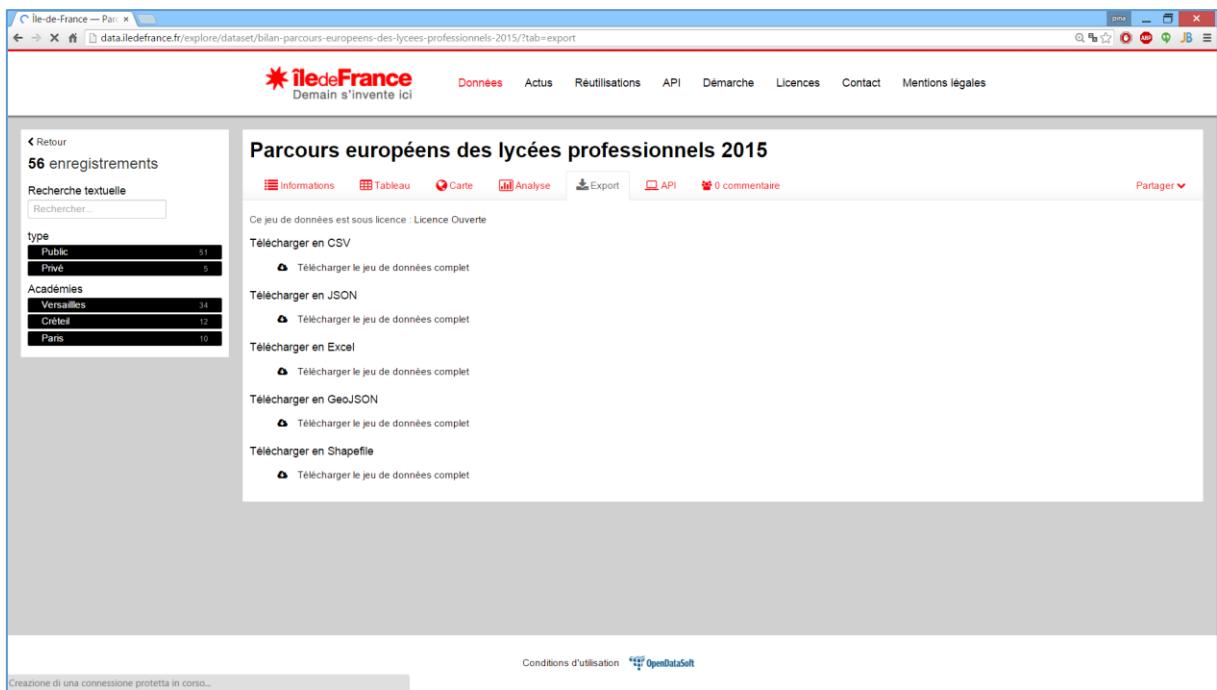
**Parcours européens des lycées professionnels 2015**

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

*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 Déchetteries 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_bénéficiaires	
reliquats_n_1	
type	
wsg84	

**3 SÉLECTIONNER UN MODE DE VISUALISATION**

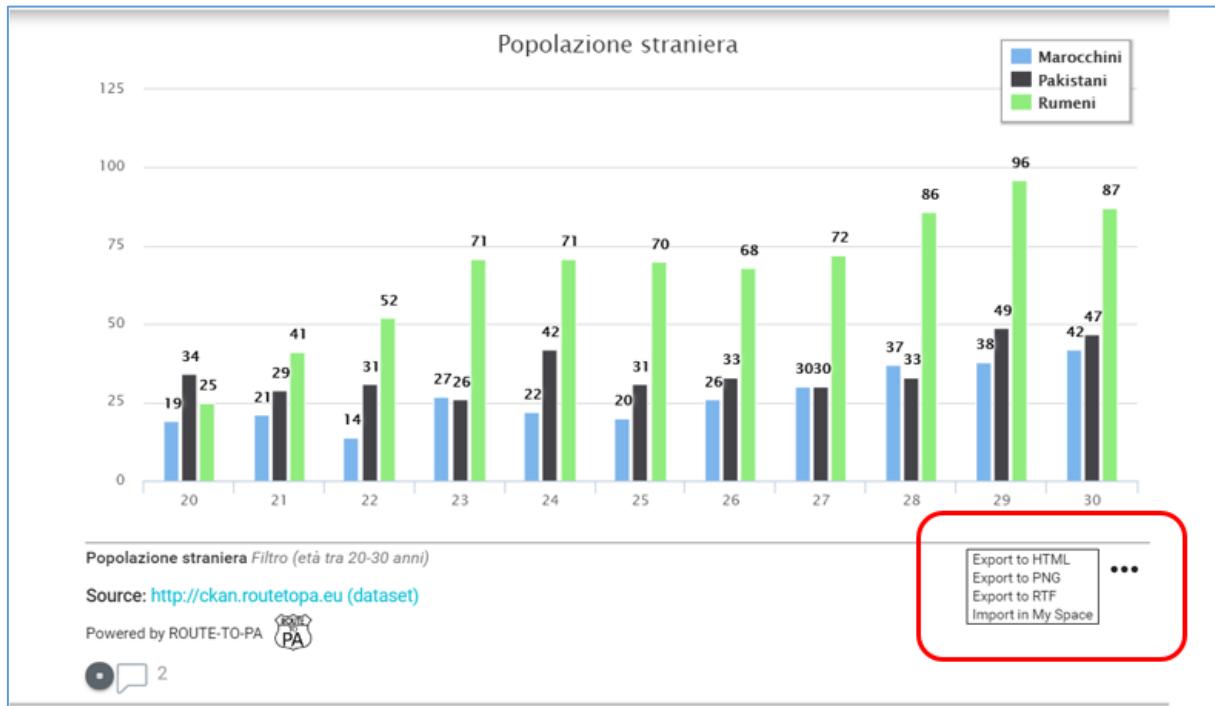
Sélectionner une visualisation, compléter les données et les options.

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>  blan_bourse : 2 556,00 € affectation_cp_15_045 : 2 556,00 € academies Versailles
INFORMATIONS DU DATALET Source: <a href="http://data.iledefrance.fr/dataset">http://data.iledefrance.fr/dataset</a>	

# 11 DATALETS

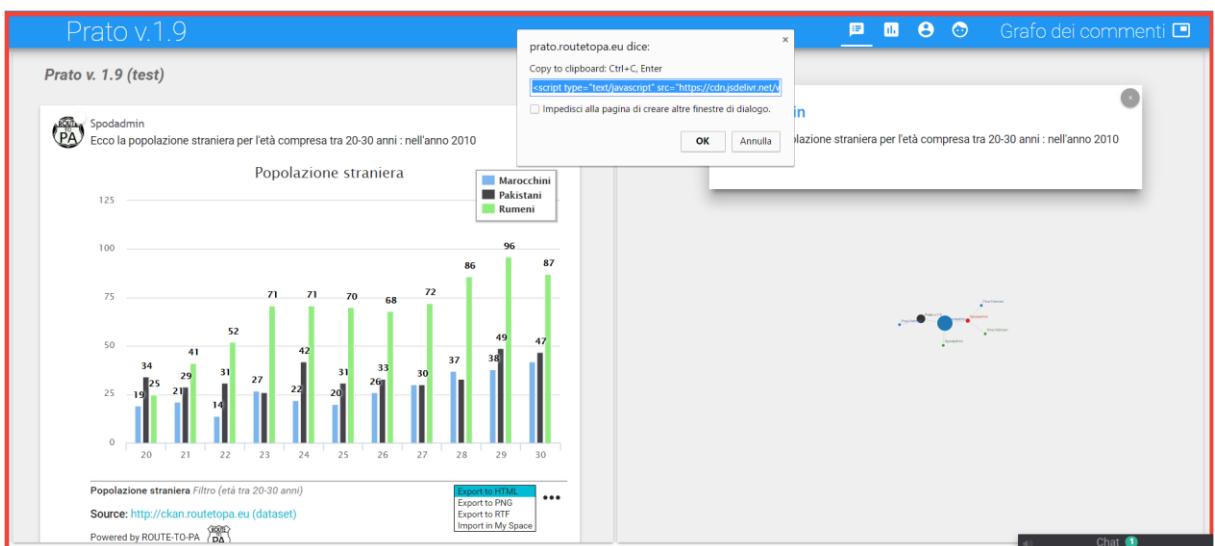
## 11.1 FEATURES

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

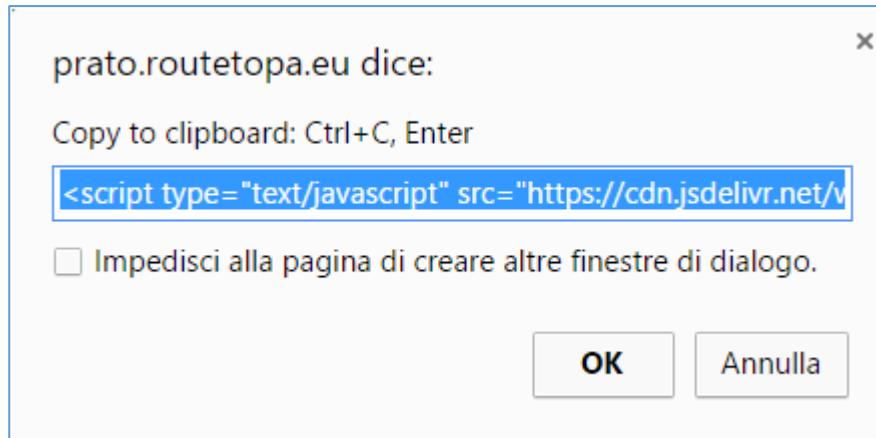


- Export to HTML

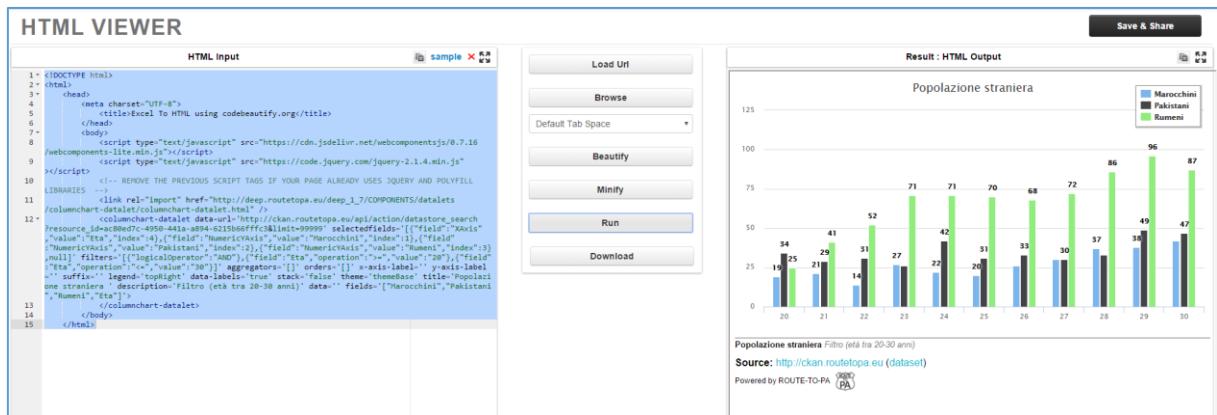
Click on the “Export to HTML,



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

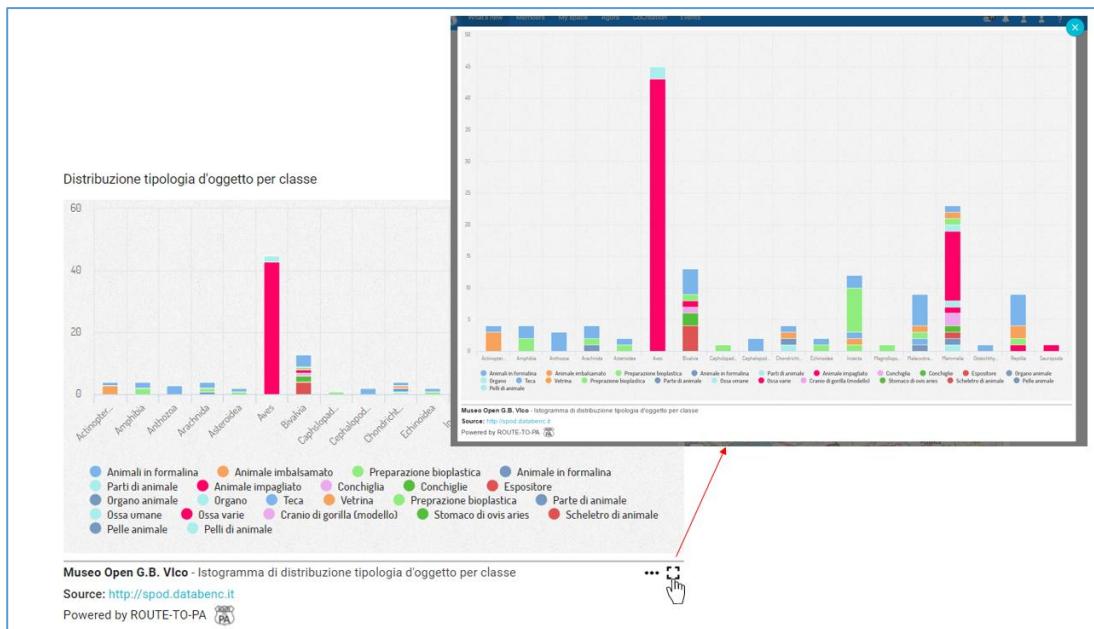


Furthermore, any html editor (e.g., <http://codebeautify.org/htmlviewer/>) can visualize the datalet,



Other features for each datalet are:

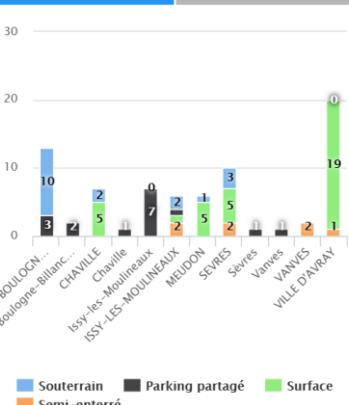
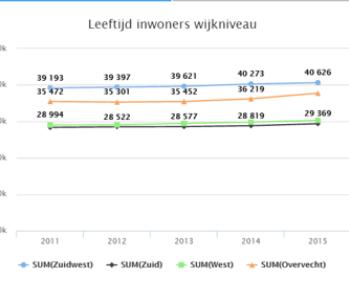
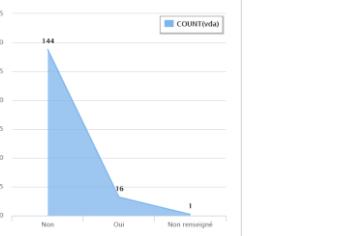
- Export to PNG: export the datalet as png file
- Export to RTF: export the datalet as rtf file showing details about the datalet such as, screenshot of the datalet, creation date, dataset format, dataset link, the owner of the datalet.
- Import in My space: can import any datalet into a private space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

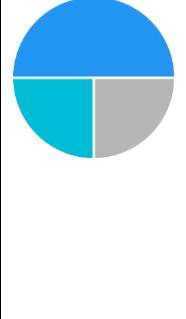
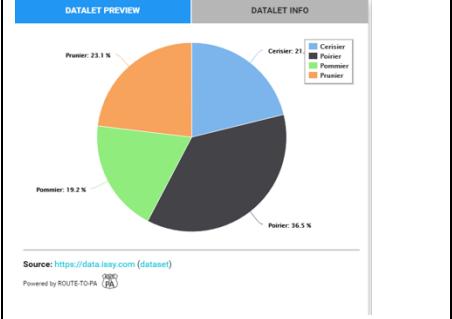
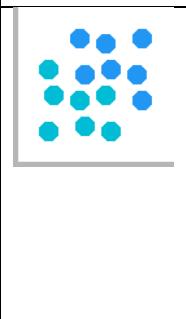
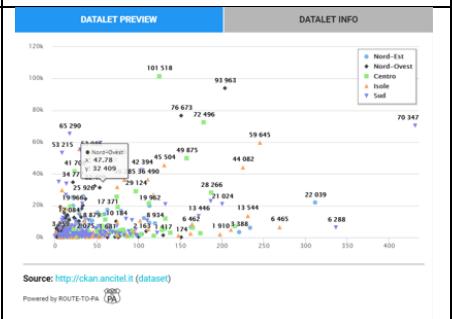
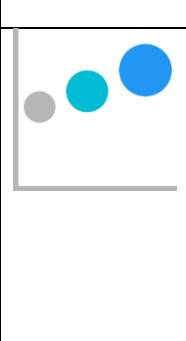
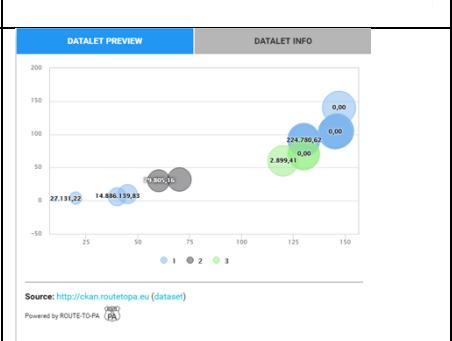
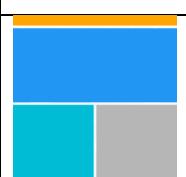
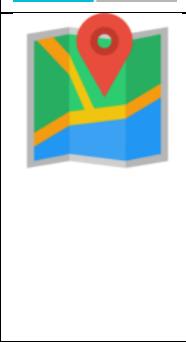
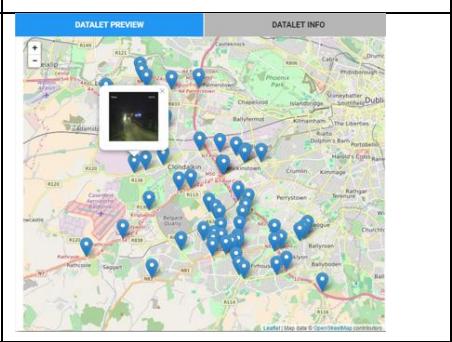


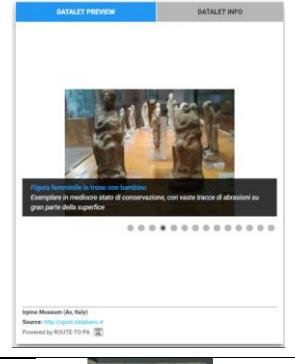
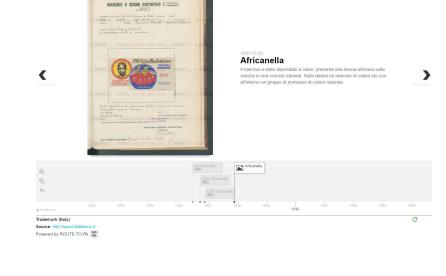
## 11.2 AVAILABLE CHARTS

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.	<div style="display: flex; justify-content: space-between;"> <span><b>DATALET PREVIEW</b></span> <span><b>DATALET INFO</b></span> </div> <p>Show 10 entries Search: <input type="text"/></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> <hr/> <p>Source: <a href="https://data.issy.com/dataset">https://data.issy.com/dataset</a>  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.	<div style="display: flex; justify-content: space-between;"> <span><b>DATALET PREVIEW</b></span> <span><b>DATALET INFO</b></span> </div> <p>The chart displays the count of parking spaces across various locations, categorized by type: Souterrain (blue), Surface (green), Semi-enterré (orange), and Chaveillée/Balcons (grey). The x-axis represents the count from 0 to 20, and the y-axis lists the locations: BOULOGNE-BILLANCOURT, Bièvre-Batignolles, CHAVILLE, Chevilly, Issy-les-Moulineaux, ISSY-LES-MOULINEAUX, MEUDON, SEVRES, Stains, Valence, and VILLE D'AVRAY.</p> <table border="1"> <thead> <tr> <th>Location</th> <th>Souserrain</th> <th>Surface</th> <th>Semi-enterré</th> <th>Chaveillée/Balcons</th> </tr> </thead> <tbody> <tr> <td>BOULOGNE-BILLANCOURT</td> <td>0</td> <td>1</td> <td>0</td> <td>10</td> </tr> <tr> <td>Bièvre-Batignolles</td> <td>0</td> <td>2</td> <td>0</td> <td>0</td> </tr> <tr> <td>CHAVILLE</td> <td>0</td> <td>2</td> <td>0</td> <td>5</td> </tr> <tr> <td>Chevilly</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> </tr> <tr> <td>Issy-les-Moulineaux</td> <td>0</td> <td>0</td> <td>0</td> <td>7</td> </tr> <tr> <td>ISSY-LES-MOULINEAUX</td> <td>0</td> <td>2</td> <td>0</td> <td>0</td> </tr> <tr> <td>MEUDON</td> <td>0</td> <td>1</td> <td>0</td> <td>5</td> </tr> <tr> <td>SEVRES</td> <td>0</td> <td>2</td> <td>0</td> <td>3</td> </tr> <tr> <td>Stains</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> </tr> <tr> <td>Valence</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> </tr> <tr> <td>VILLE D'AVRAY</td> <td>0</td> <td>0</td> <td>0</td> <td>19</td> </tr> </tbody> </table> <hr/> <p>Source: <a href="https://data.issy.com/dataset">https://data.issy.com/dataset</a>  Powered by ROUTE-TO-PA </p>	Location	Souserrain	Surface	Semi-enterré	Chaveillée/Balcons	BOULOGNE-BILLANCOURT	0	1	0	10	Bièvre-Batignolles	0	2	0	0	CHAVILLE	0	2	0	5	Chevilly	0	1	0	0	Issy-les-Moulineaux	0	0	0	7	ISSY-LES-MOULINEAUX	0	2	0	0	MEUDON	0	1	0	5	SEVRES	0	2	0	3	Stains	0	1	0	0	Valence	0	1	0	0	VILLE D'AVRAY	0	0	0	19
Location	Souserrain	Surface	Semi-enterré	Chaveillée/Balcons																																																										
BOULOGNE-BILLANCOURT	0	1	0	10																																																										
Bièvre-Batignolles	0	2	0	0																																																										
CHAVILLE	0	2	0	5																																																										
Chevilly	0	1	0	0																																																										
Issy-les-Moulineaux	0	0	0	7																																																										
ISSY-LES-MOULINEAUX	0	2	0	0																																																										
MEUDON	0	1	0	5																																																										
SEVRES	0	2	0	3																																																										
Stains	0	1	0	0																																																										
Valence	0	1	0	0																																																										
VILLE D'AVRAY	0	0	0	19																																																										

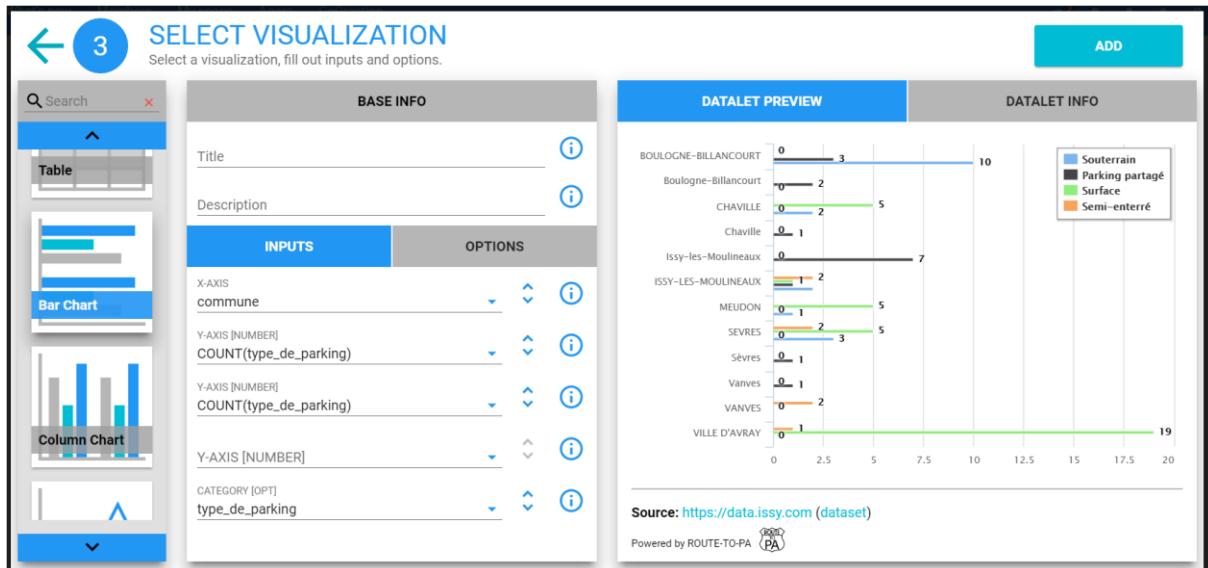
	<p>Column chart (and Stacked column chart ) is a chart that presents grouped data with rectangular bars plotted vertically with lengths proportional to the values that they represent.</p>	<p><b>DATALET PREVIEW</b></p>  <p><b>DATALET INFO</b></p> <p>Source: <a href="https://data.issy.com">https://data.issy.com</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"> <thead> <tr> <th></th> <th>19950</th> <th>289</th> <th>3200</th> <th>6444</th> <th>2747</th> <th>400</th> <th>32545</th> <th>621</th> <th>1531</th> <th>10954</th> </tr> </thead> <tbody> <tr> <td>2016</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>2011</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>		19950	289	3200	6444	2747	400	32545	621	1531	10954	2016	19349	297	3249	6557	2828	441	30994	687	1571	9574	2011	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
	19950	289	3200	6444	2747	400	32545	621	1531	10954																																																										
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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>Categorie</th> <th>Pourcentage</th> </tr> </thead> <tbody> <tr> <td>Cereise</td> <td>23.1 %</td> </tr> <tr> <td>Poivier</td> <td>36.5 %</td> </tr> <tr> <td>Pommier</td> <td>19.2 %</td> </tr> <tr> <td>Pruneau</td> <td>31.2 %</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>	Categorie	Pourcentage	Cereise	23.1 %	Poivier	36.5 %	Pommier	19.2 %	Pruneau	31.2 %																																																		
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Pruneau	31.2 %																																																													
	<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> <table border="1"> <thead> <tr> <th>Nord-Est</th> <th>Nord-Ouest</th> <th>Centre</th> <th>Isle</th> <th>Sud</th> </tr> </thead> <tbody> <tr> <td>101 518</td> <td>93 963</td> <td>76 673</td> <td>72 496</td> <td>59 645</td> </tr> <tr> <td>65 290</td> <td>44 082</td> <td>48 875</td> <td>28 266</td> <td>22 039</td> </tr> <tr> <td>53 215</td> <td>22 039</td> <td>43 394</td> <td>21 024</td> <td>13 446</td> </tr> <tr> <td>34 77</td> <td>13 446</td> <td>35 496</td> <td>13 544</td> <td>6 465</td> </tr> <tr> <td>25 204</td> <td>19 061</td> <td>19 124</td> <td>19 061</td> <td>6 288</td> </tr> <tr> <td>11 11</td> <td>17 37</td> <td>10 184</td> <td>10 184</td> <td>0</td> </tr> <tr> <td>7 01</td> <td>6 465</td> <td>8 954</td> <td>8 954</td> <td>0</td> </tr> <tr> <td>2 27</td> <td>1 17</td> <td>2 13</td> <td>2 13</td> <td>0</td> </tr> <tr> <td>2 037</td> <td>1 017</td> <td>1 17</td> <td>1 17</td> <td>0</td> </tr> <tr> <td>1 017</td> <td>0</td> <td>1 017</td> <td>1 017</td> <td>0</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table> <p><b>DATALET INFO</b></p> <p>Source: <a href="http://ckan.anciel.it/dataset">http://ckan.anciel.it/dataset</a> Powered by ROUTE-TO-PA</p>	Nord-Est	Nord-Ouest	Centre	Isle	Sud	101 518	93 963	76 673	72 496	59 645	65 290	44 082	48 875	28 266	22 039	53 215	22 039	43 394	21 024	13 446	34 77	13 446	35 496	13 544	6 465	25 204	19 061	19 124	19 061	6 288	11 11	17 37	10 184	10 184	0	7 01	6 465	8 954	8 954	0	2 27	1 17	2 13	2 13	0	2 037	1 017	1 17	1 17	0	1 017	0	1 017	1 017	0	0	0	0	0	0
Nord-Est	Nord-Ouest	Centre	Isle	Sud																																																										
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11 11	17 37	10 184	10 184	0																																																										
7 01	6 465	8 954	8 954	0																																																										
2 27	1 17	2 13	2 13	0																																																										
2 037	1 017	1 17	1 17	0																																																										
1 017	0	1 017	1 017	0																																																										
0	0	0	0	0																																																										
	<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> <table border="1"> <thead> <tr> <th>1</th> <th>2</th> <th>3</th> </tr> </thead> <tbody> <tr> <td>27.131,22</td> <td>14.886,159,83</td> <td>0</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table> <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>	1	2	3	27.131,22	14.886,159,83	0	0	0	0																																																			
1	2	3																																																												
27.131,22	14.886,159,83	0																																																												
0	0	0																																																												
	<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="http://ckan.routetopa.eu/dataset">http://ckan.routetopa.eu/dataset</a> Powered by ROUTE-TO-PA</p>																																																												
	<p>Geojson Map</p>																																																													

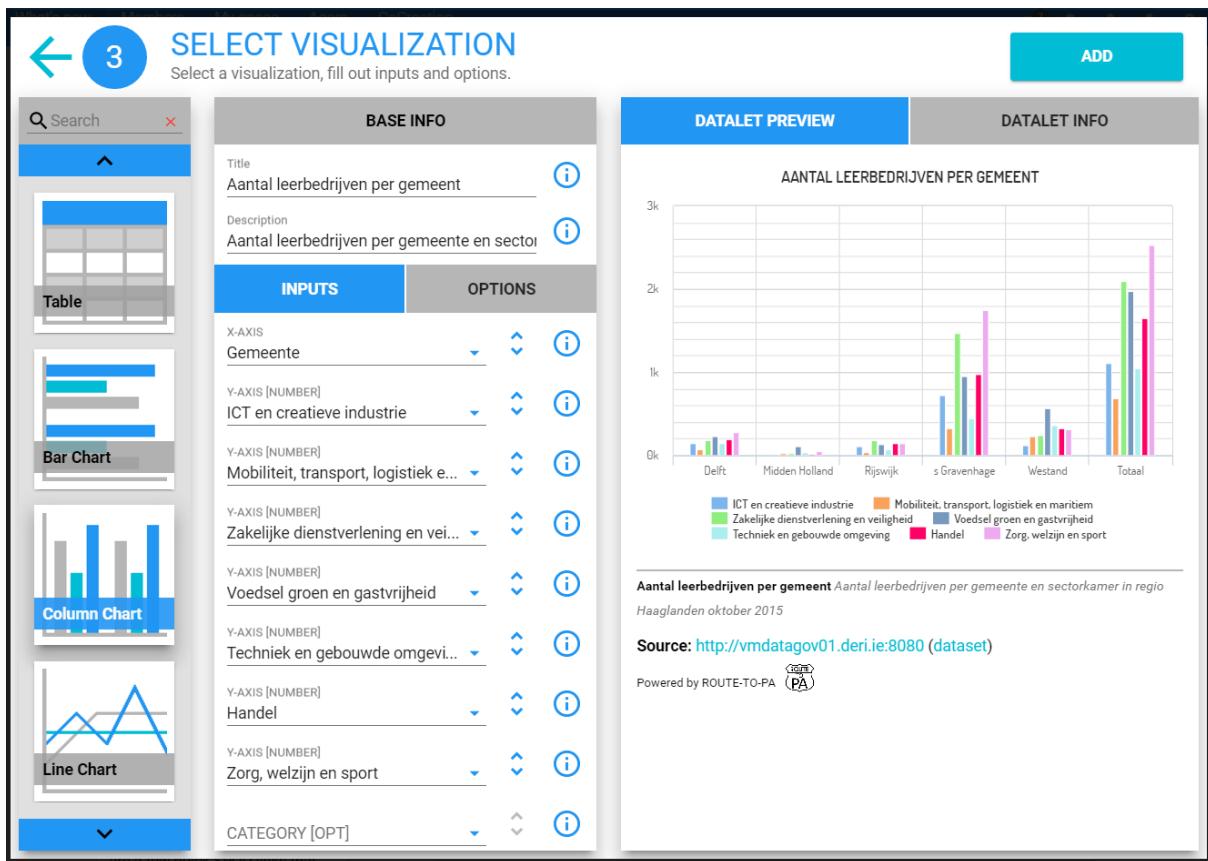
	<p>Media Slider is a slider of media.</p>	
	<p>Timeline is an interactive visualization chart to visualize data in time. The data items can take place on a single date, or have a start and end date (a range). You can freely move and zoom in the timeline. The time scale on the axis is adjusted automatically,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

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

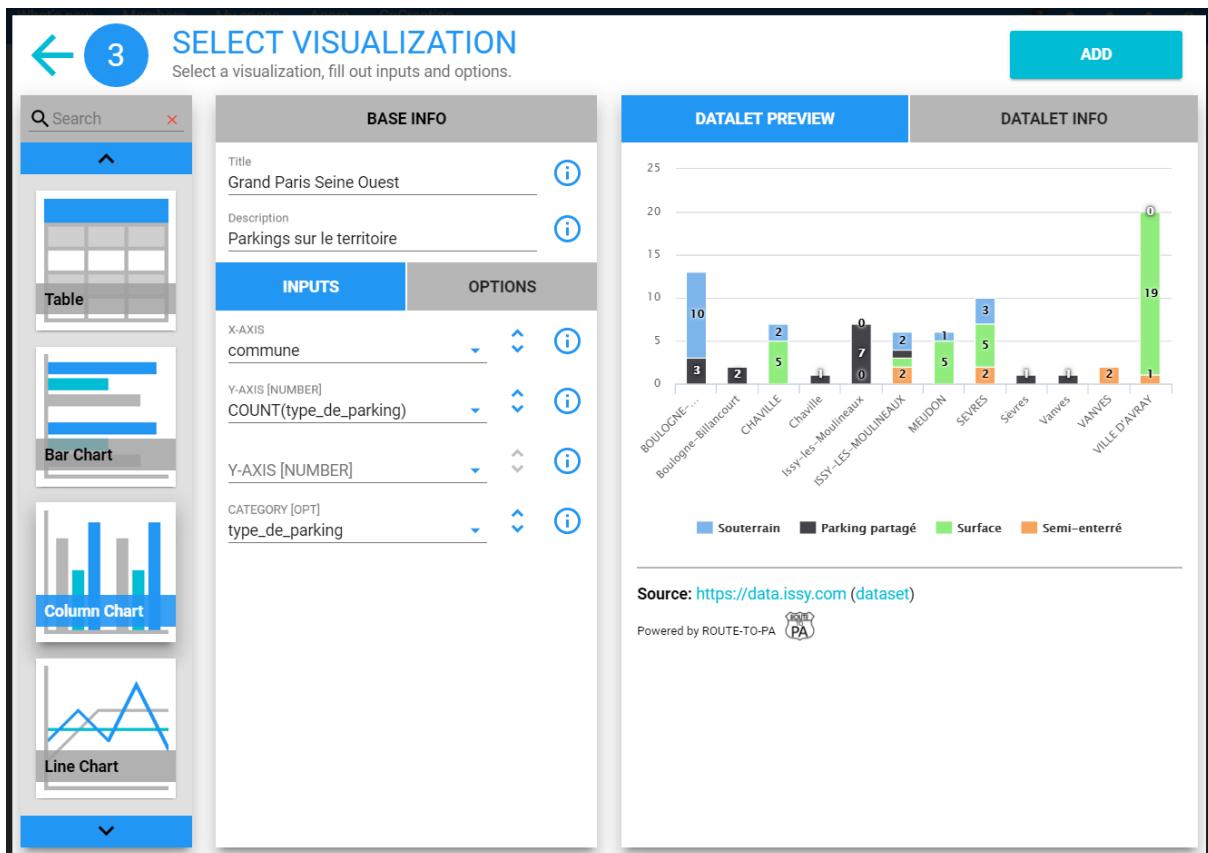
#### 11.2.1 BAR CHART



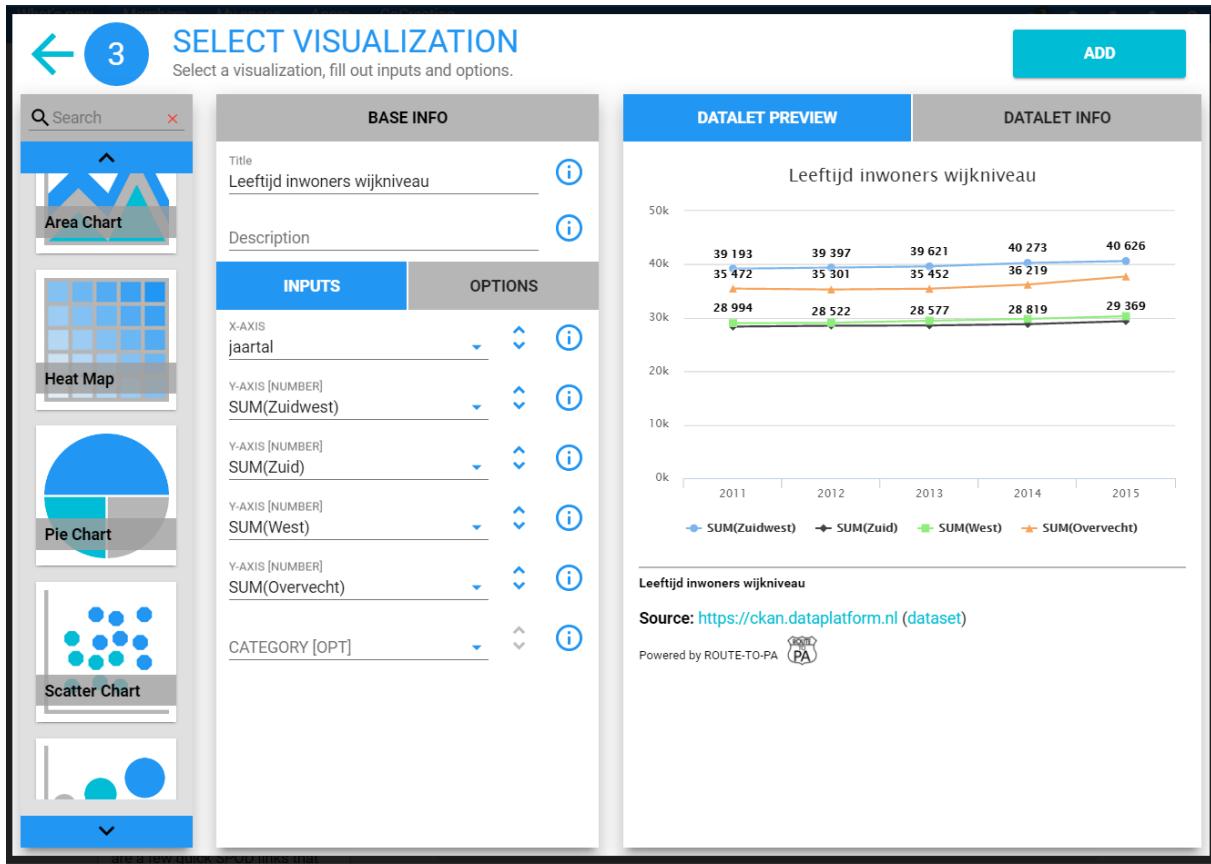
#### 11.2.2 COLUMN CHART



#### 11.2.3 STACKED COLUMN CHART



#### 11.2.4 LINECHART



### 11.2.5 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**

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

#### 11.2.6 AREACHART CHART

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

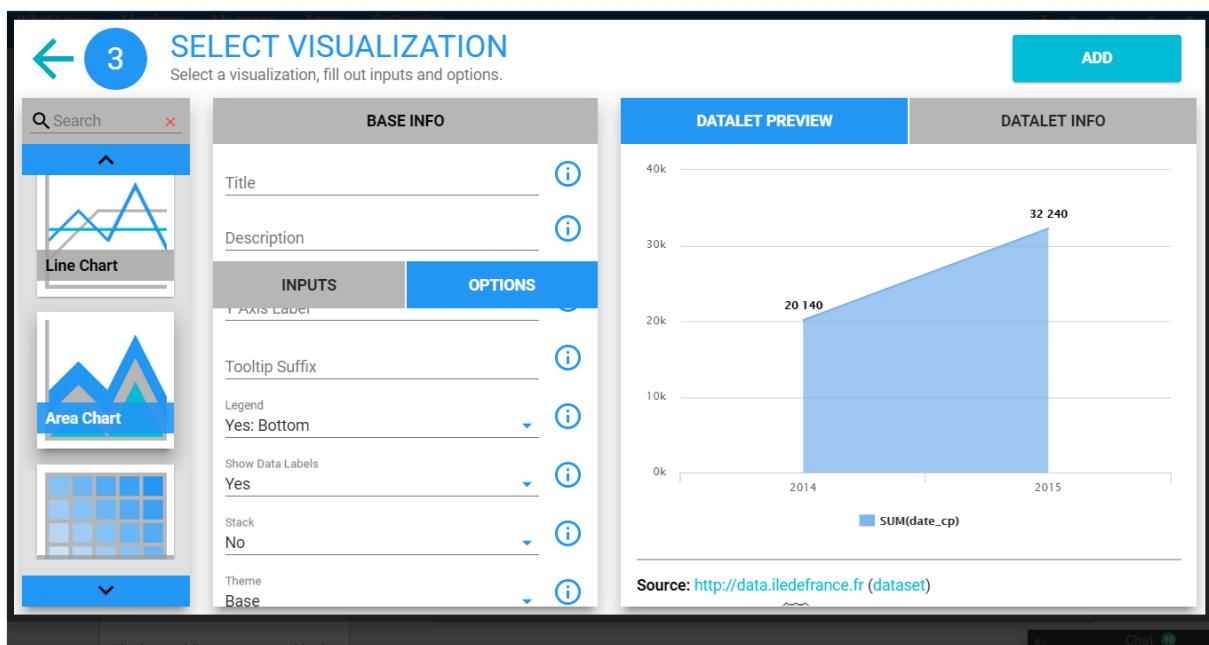
API: "/api/records/1.0/search?dataset=logement-jeune-2014-2015&facet=departement&facet=ville"

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 left, a list of datasets includes "Prato : Biblioteche", "Prato: Giardini e Prati", "WI-FI Prato test", "GeoJson-test-01", and "pure geojson". On the right, a "DATASET INFO" panel is empty. At the bottom, a search bar contains "Showing 1 to 20 of 3537 datasets" and a URL "http://data.iledefrance.fr/api/records/1.0/search?dataset=logement-jeune-2014-2015&facet=departement&facet=ville".

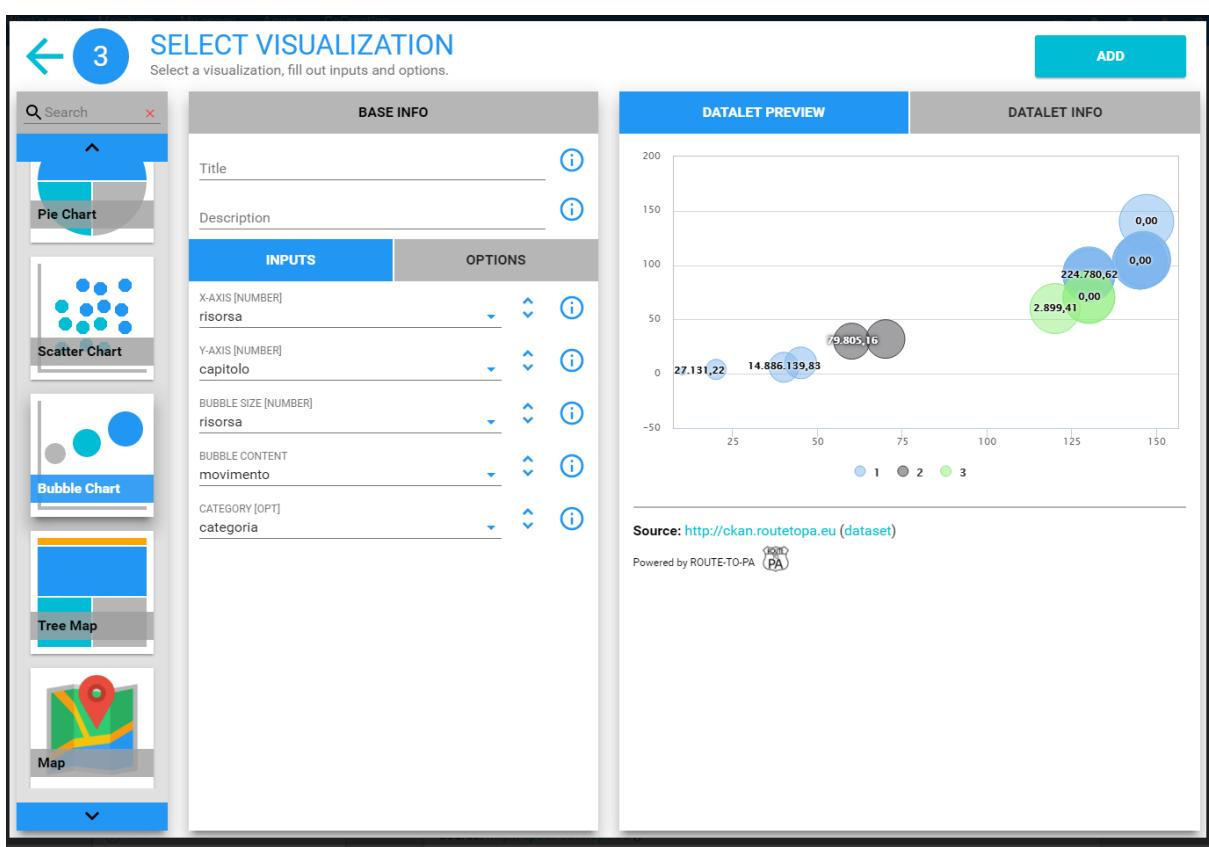
## STEP 2) "SELECT DATA"

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". On the right, a "SELECTED DATA" table shows two rows: one for 2015 with a sum of 32240, and one for 2014 with a sum of 20140. Below the table, a search bar says "Showing 1 to 2 of 2 rows". At the bottom, there are sections for "FILTERS", "GROUP BY", and "QUERY". Under "GROUP BY", there is a dropdown set to "date\_cp" with a plus sign icon. Under "CALCULATE", there is a dropdown set to "Field" with a plus sign icon. Under "QUERY", there is a button labeled "DISABLE GROUP BY".

## STEP 3) "SELECT VISUALIZATION"



#### 11.2.7 BUBBLE CHART



### 11.2.8 HEATMAP

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

**BASE INFO**

<input type="text" value="Title"/>	<a href="#">i</a>
<input type="text" value="Description"/>	<a href="#">i</a>
INPUTS	OPTIONS
<input type="text" value="X Axis Label"/>	<a href="#">i</a>
<input type="text" value="Y Axis Label"/>	<a href="#">i</a>
<input type="text" value="Tooltip Suffix"/>	<a href="#">i</a>
Legend Yes: Bottom	<a href="#">i</a>
Show Data Labels Yes	<a href="#">i</a>
Stack No	<a href="#">i</a>
Theme Base	<a href="#">i</a>

**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

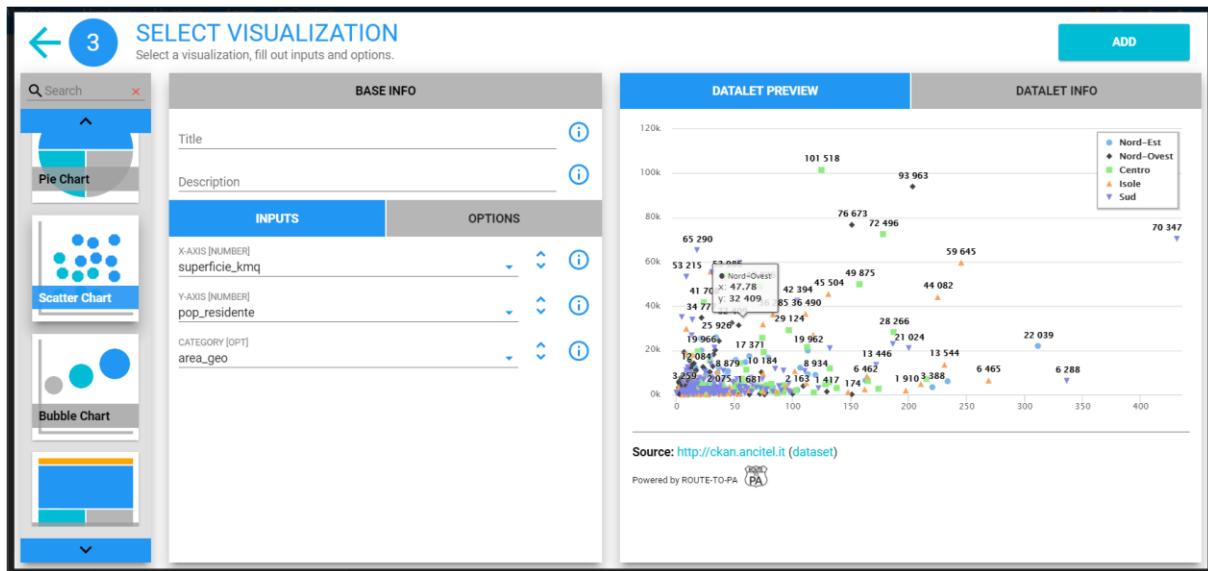
Abano Terme  
Abbadia Cerreto  
Abbadia Lariana  
Abbadia San Salvadore  
Abbasanta  
Abbaglio  
Abbiatagrasso  
Abetone  
Acriola  
Acqua

**DATALET INFO**

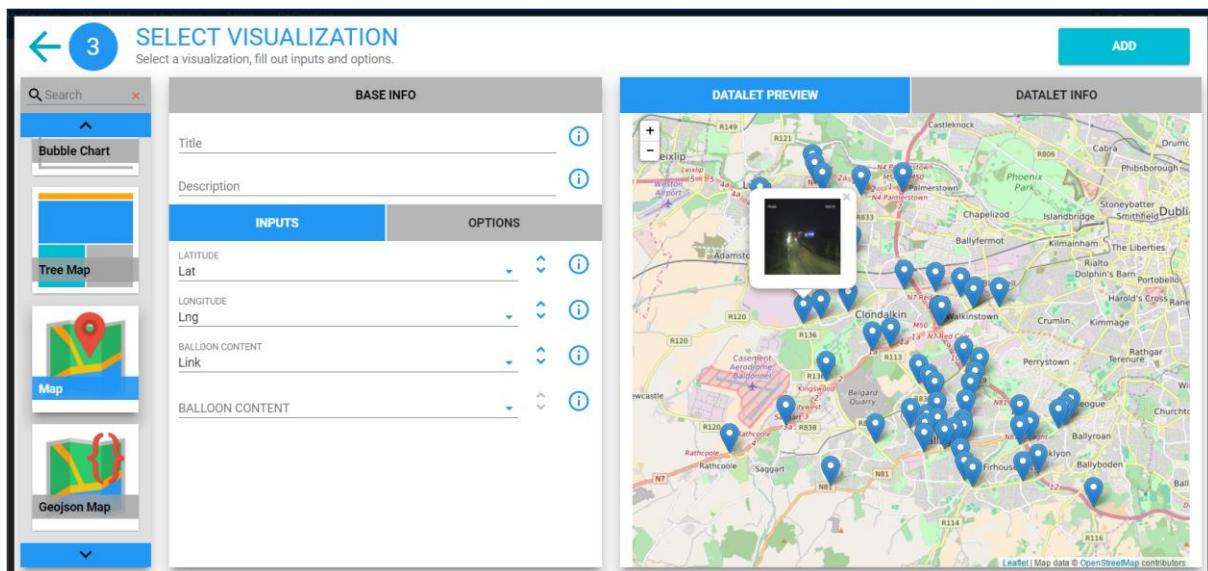
Source: <http://ckan.ancitel.it> (dataset)

Powered by ROUTE-TO-PA 

### 11.2.9 SCATTER CHART



### 11.2.10 MAP



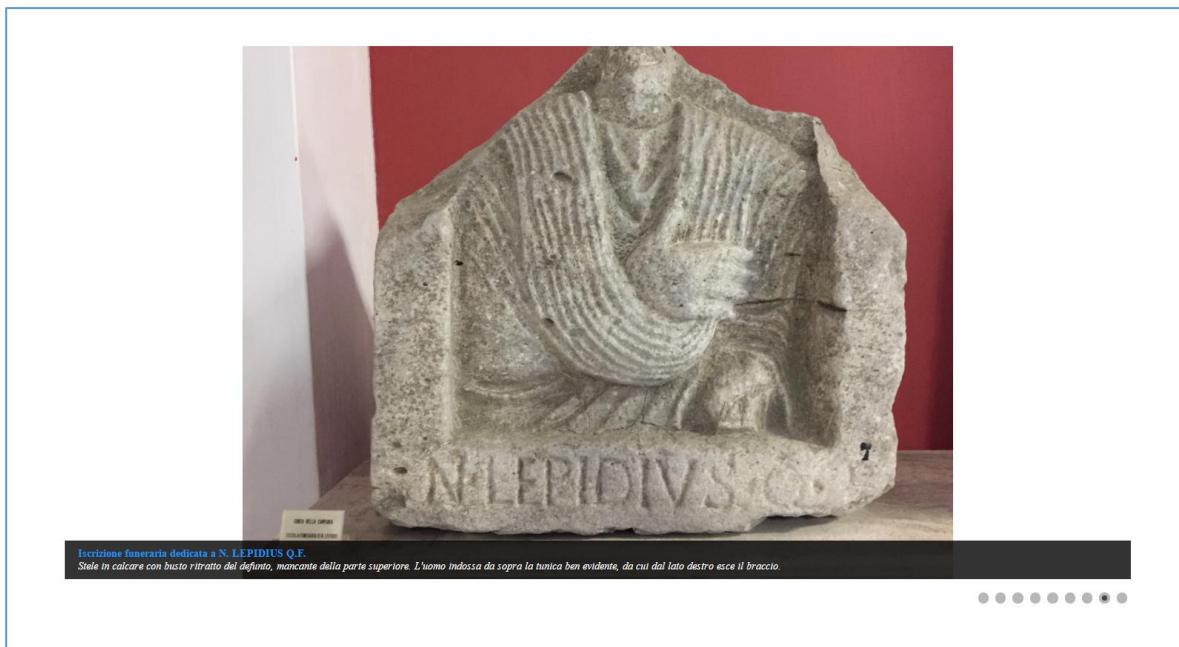
### 11.2.11 MEDIA SLIDER

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**

11.2.12

## 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.

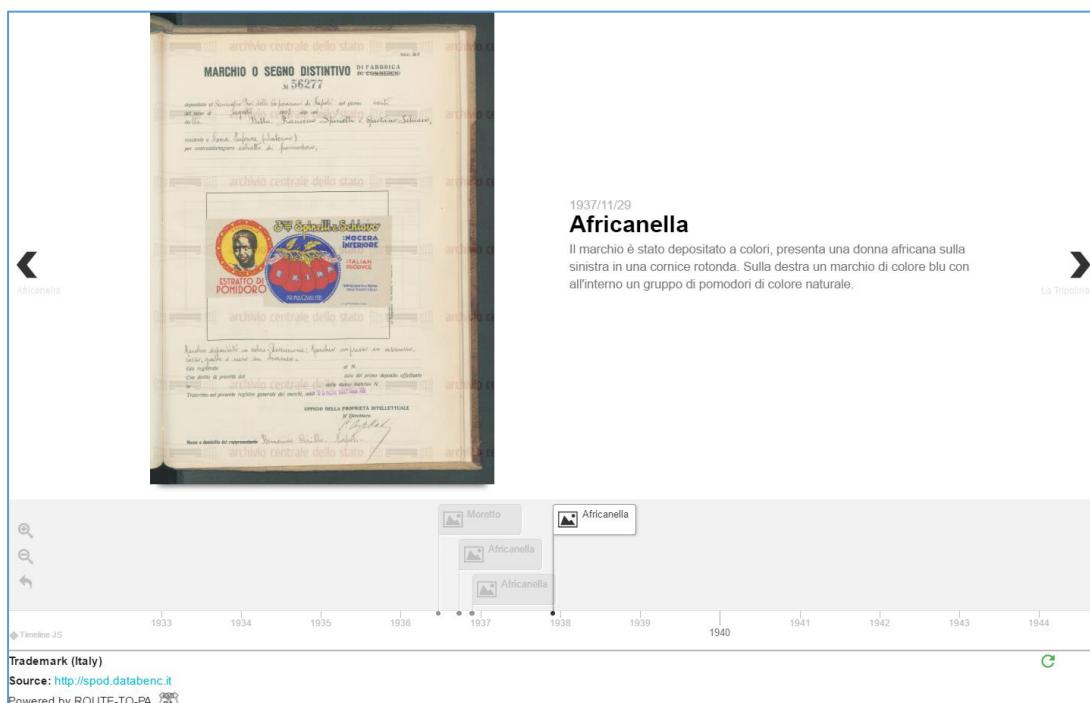
**END DATE:** The end date of the event (see start date).

**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)

**3** SELECT VISUALIZATION

Select a visualization, fill out inputs and options.

**Bubble Chart**

**Tree Map**

**Map**

**Geojson Map**

**DATA INFO**

**BASE INFO**

Title \_\_\_\_\_

Description \_\_\_\_\_

**INPUTS**

LATITUDE LAT \_\_\_\_\_

LONGITUDE LONG \_\_\_\_\_

BALLOON CONTENT \_\_\_\_\_

BALLOON CONTENT \_\_\_\_\_

BALLOON CONTENT \_\_\_\_\_

**OPTIONS**

LAT \_\_\_\_\_

LONG \_\_\_\_\_

Name \_\_\_\_\_

Email \_\_\_\_\_

Website \_\_\_\_\_

**DATALET PREVIEW**

**DATALET INFO**

Source: <http://vmdatagov01.deri.ie:8080> (dataset)

Powered by ROUTE-TO-PA

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

[Home](#) / Organizations / Dublin City Council / Fingal Open Data Airport / **Airport csv**

## Airport csv

URL: <http://vmdatagov01.deri.ie:8080/dataset/d1b9215d-513a-41cb-8c9a-2925b0b25d67/resource/ec8de74f-1717-47f5-b5bb-c13b5fda3...>

Dublin City Airport

[Data Explorer](#) [Go to resource](#) [Data API](#)

[Add Filter](#) [Embed](#)

_id	Name	Phone	Email	Website	LAT	LONG
1	Dublin Ai...	<a href="#">+353 ...</a>	informati...	www.du...	53.4273...	-6.2437...
2	Dublin Ai...	<a href="#">+353 ...</a>	informati...	www.du...	53.4265...	-6.2397...

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

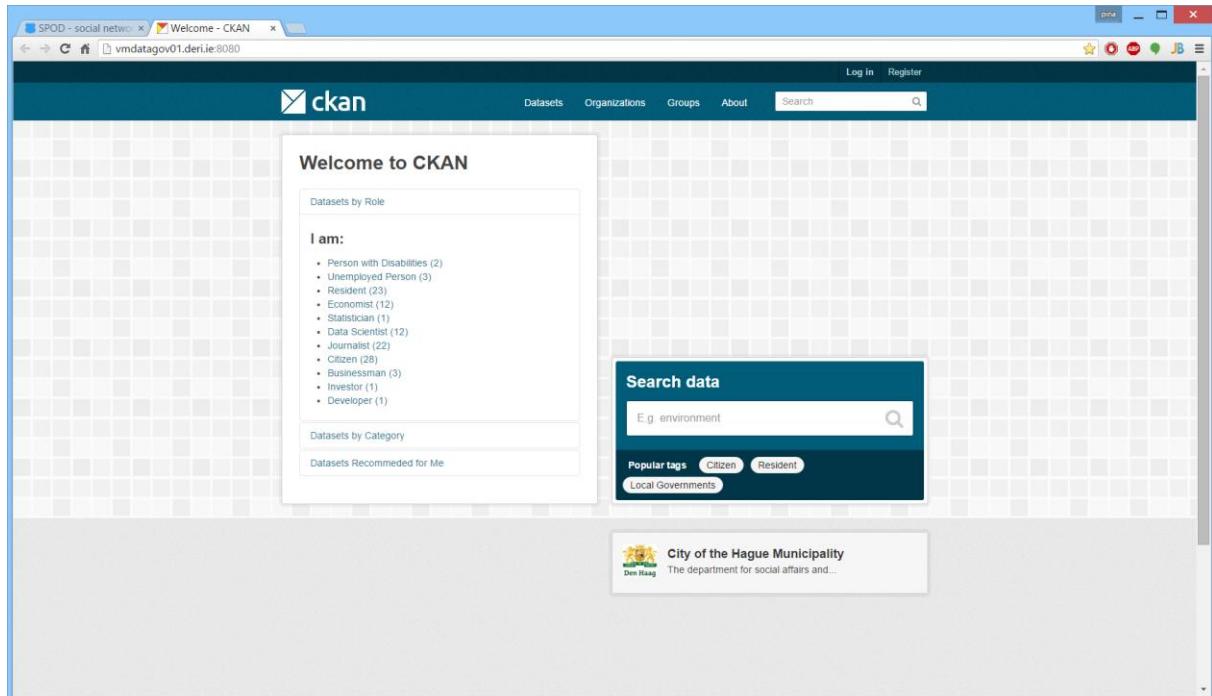


Figure 33: The source page of TET provider, clicking on the link of the “Source” in the STEP 3).

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.

---

*Try a datalet with the API dataset :*  
[https://yperdiavgeia.gr/analytics/counts/source:Decision/query:linux/method:count\\_organization/ckan\\_api:1.json"](https://yperdiavgeia.gr/analytics/counts/source:Decision/query:linux/method:count_organization/ckan_api:1.json)

---

The screenshot shows a user interface for selecting data from a dataset. On the left, a sidebar titled 'SELECT DATA' contains a tree-view navigation with the following structure:

- data**
  - nhits
  - parameters
  - records** (highlighted)
  - datasetid
  - recordid
  - fields**
    - organization** (highlighted)
    - total**
  - record\_timestamp

On the right, the main area is titled 'records / fields' and displays a table of organization records. The table has columns for 'organization' and 'total'. The data is as follows:

organization	total
ΑΡΙΣΤΟΤΕΛΕΙΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΘΕΣ/ΝΙΚΗΣ (38)	38
ΔΗΜΟΚΡΙΤΕΙΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΘΡΑΚΗΣ (34)	34
ΕΘΝ. ΔΙΚΤΥΟ ΕΡΕΥΝΑΣ & ΤΕΧΝΟΛΟΓΙΑΣ (ΕΔΕΤ) (52)	52
ΕΘΝΙΚΟ & ΚΑΠΟΔΙΣΤΡΙΑΚΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΑΘΗΝΩΝ (63)	63
ΕΘΝΙΚΟ ΜΕΤΣΟΒΙΟ ΠΟΛΥΤΕΧΝΕΙΟ (45)	45
ΕΚΕΦΕ ΔΗΜΟΚΡΙΤΟΣ (1872)	1872
ΕΛΛΗΝΙΚΟ ΑΝΟΙΚΤΟ ΠΑΝΕΠΙΣΤΗΜΙΟ (34)	34
IKA (89)	89
ΙΝΣΤΙΤΟΥΤΟ ΤΕΧΝΟΛΟΓΙΑΣ ΥΠΟΛΟΓΙΣΤΩΝ ΚΑΙ ΕΚΔΟΣΕΩΝ «ΔΙΟΦΑΝΤΟΣ» (215)	215
ΟΙΚΟΝΟΜΙΚΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΑΘΗΝΩΝ (44)	44

Below the table, it says 'Showing 1 to 10 of 20 entries' and includes navigation links: 'Previous' (disabled), '1', '2' (highlighted), and 'Next'.

Figure 34: A dataset of UltraCl@rity in SPOD (screenshot of old versions of SPOD)

## 14 LINK-BACK BETWEEN SPOD AND ISSY (OR ANY OPEN DATASOFT 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 37) and to the information page of the datasets (see Figure 37).

*Try the following dataset:*

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

---

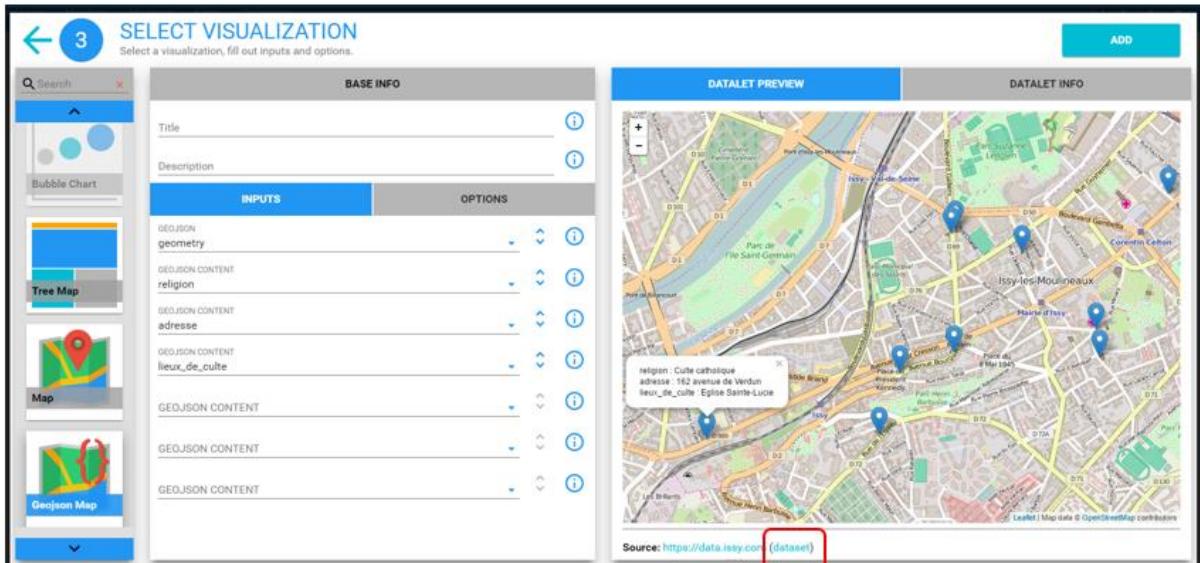


Figure 35: A visualisation of a dataset in Issy portal

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 36).

The screenshot shows a web browser displaying the 'Data Issy — Lieux de culte à Issy-les-Moulineaux' page. The URL is https://data.issy.com/explore/dataset/lieux-de-cultes-a-issy-les-moulineaux/?sort=religion. The page header includes the 'DATA ISSY.COM' logo and a banner image of a modern building with the text 'Ville d'Issy-les-Moulineaux'.

The main content area shows a table with 10 records of religious sites:

Religion	Lieu de culte	Description	Adresse	Code postal
Culte arménien	Eglise 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 Séverine	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 36: The chosen dataset of the Issy-les-Molineux

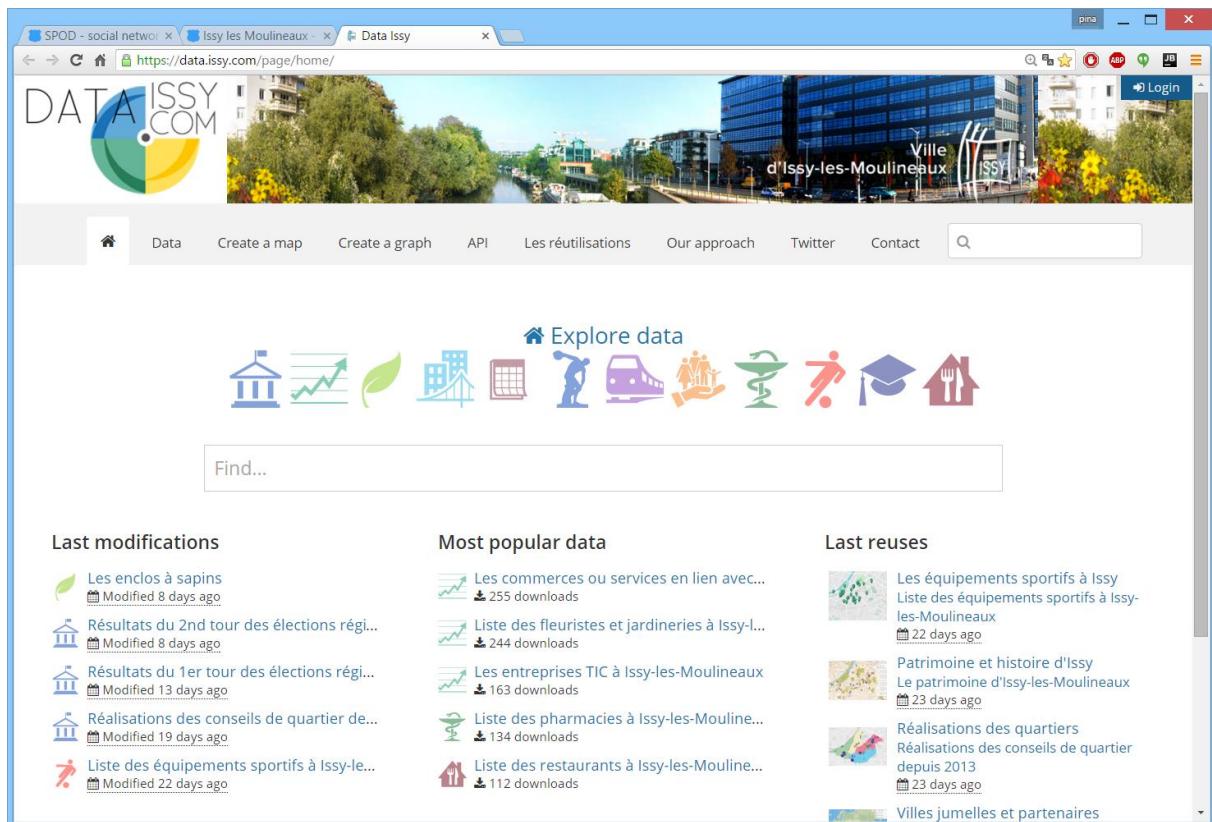


Figure 37: Open Data platform of Issy-les-Molineux

## 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)

**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) 1	
sdcc_tr...	CKAN		
SDCC_Pu...	Issy-les-Moulineaux		
DerelictS...	Dataportaal van de Nederlandse overheid		
DCC_Der...	Région Île-de-France		
SDCC_Ac...	Ireland's Open Data Portal		
TET	TET		
litterwar...	<b>dublinked</b>		
Comune Prato			

Selected url

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

**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)	
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			

Showing 1 to 20 of 1427 datasets

2 201

Selected url

## 15.2 VISUALIZATION

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

The screenshot shows a user interface for selecting a dataset. At the top, a blue header bar says "1 SELECT DATASET" and "Select a dataset from the list or copy and paste the url of dataset." Below this is a navigation bar with three tabs: "FROM PROVIDERS" (selected), "FROM COCREATED", and "FROM EXTENDED SEARCH".

The "Provider" dropdown is set to "TET-Prato". The main list contains several entries, each with a dropdown arrow:

- Atti Comunali anno 1997
- Popolazione straniera per sezione di censimento e sesso al 31/12/2014
- Giardini e Parchi** (highlighted in blue)
  - giardini-parchi.zip
  - giardini-parchi.kml
  - giardini\_parchi.csv** (highlighted in blue)
- Popolazione per eta' e sesso al 31/12/2015
- Popolazione straniera per eta' e sesso al 31/12/2015
- Atti Comunali anno 2015
- Atti Comunali anno 2010

To the right, a "DATASET INFO" panel displays the following details for "giardini\_parchi.csv":

```

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" with navigation arrows, a search bar, and a selected URL box containing "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 same "SELECT DATASET" interface as above, but with a different provider selection. The "Provider" dropdown is now set to "All". The list of datasets is much longer, showing over 3500 entries. The "Selected url" box at the bottom contains the URL "http://vmdatagov01.deri.ie:8080/api/action/datastore\_search?resource\_id=e721e85e-0619-4b37-a56c-3bf972ed78ed", which is highlighted with a red rectangle.

Figure 38: 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 the selected fields. A red arrow points from the 'num\_mod' selection in the sidebar to the 'terfer' row in the table. Another red arrow points from the 'terfer' row to a yellow warning message: 'WARNING: The column <terfer> is of type <NUMBER>. 37 values are not <NUMBER>.' The table also shows data for other modes of transport like Metro, RER, Train, and Tramway.

	SELECTED DATA			
Metro	0	Anvers	2038	0
RER	0	ARCUEIL-CACHAN	2469	0
Train				0
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, termetro, ternavette, terrer, tertrain, terram, terval, and train. On the right, a 'SELECTED DATA' table shows data for RER, Tramway, Train, and Navette. Below the table are 'FILTERS', 'GROUP BY', and 'QUERY' sections. The 'GROUP BY' section includes a dropdown menu, a '+' button, and a 'DISABLE GROUP BY' button. The 'CALCULATE' section includes a dropdown menu, a 'Field' input, and a '+' button.

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

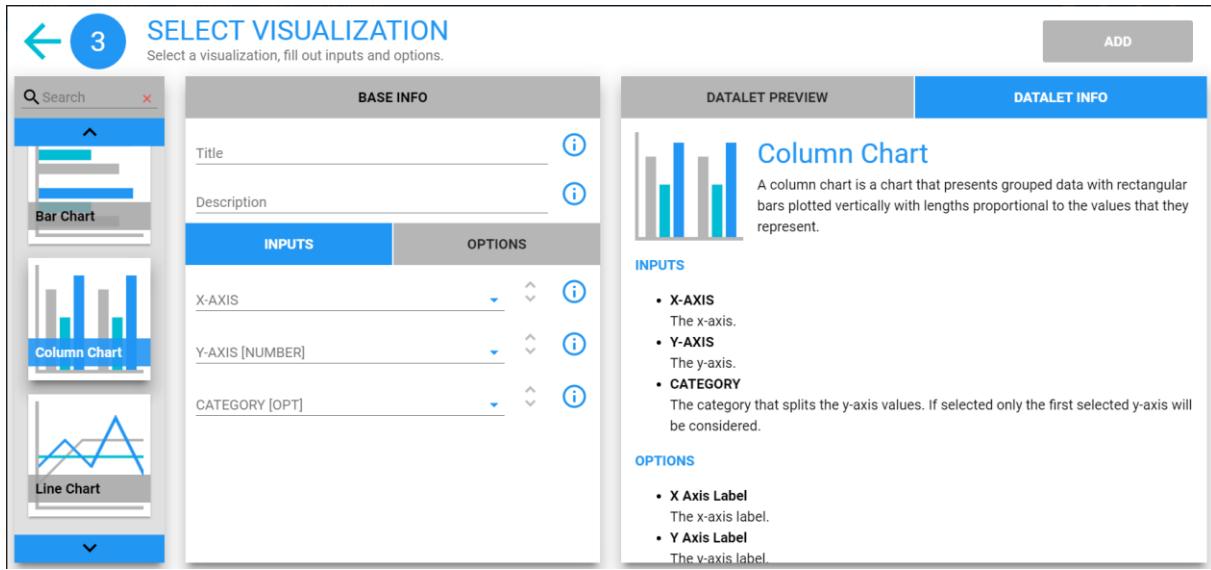
FILTERS      GROUP BY      QUERY

GROUP BY   
   
 CALCULATE   
   
 GROUP BY mode   
 Calculate COUNT of mode

+   
   
 +   
   
 X   
   
 X 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



## 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



Figure 39: 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.

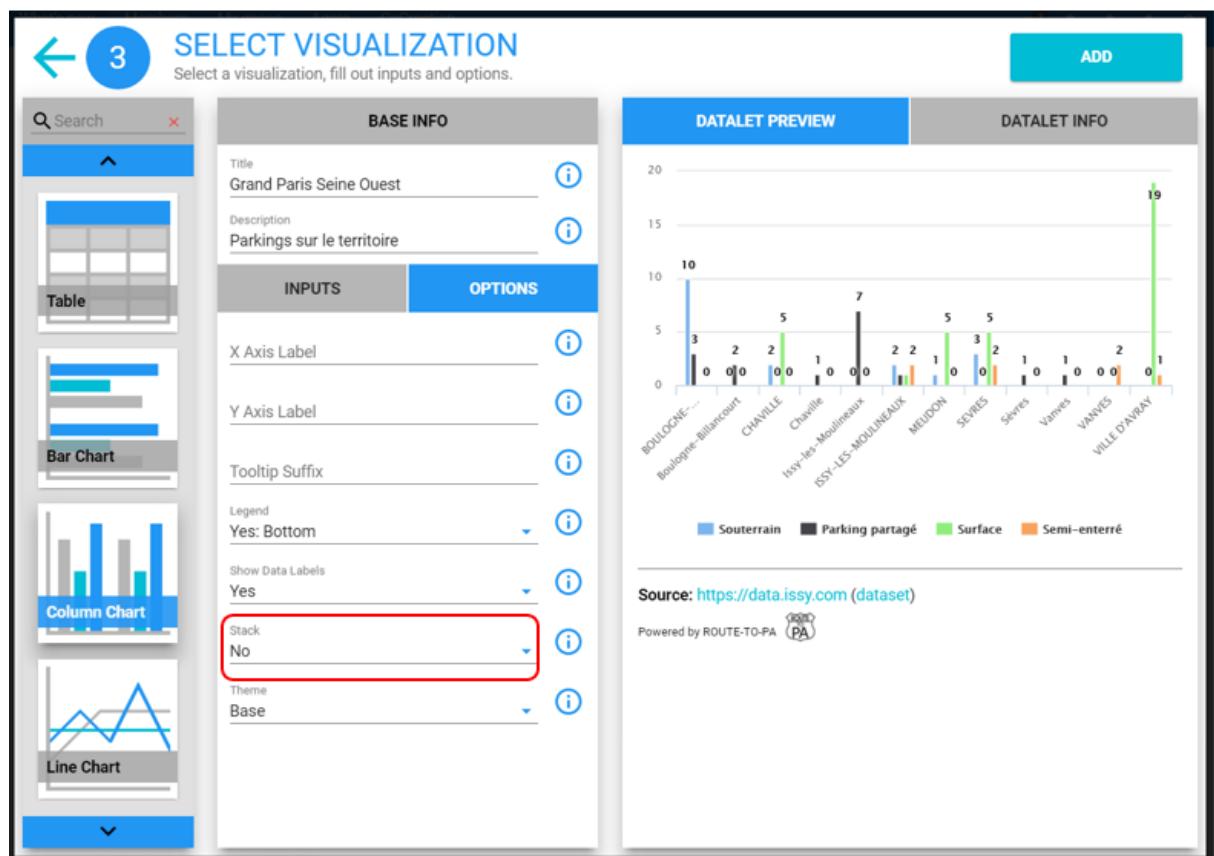


Figure 40: A column chart setting “Stack” option with “No” values

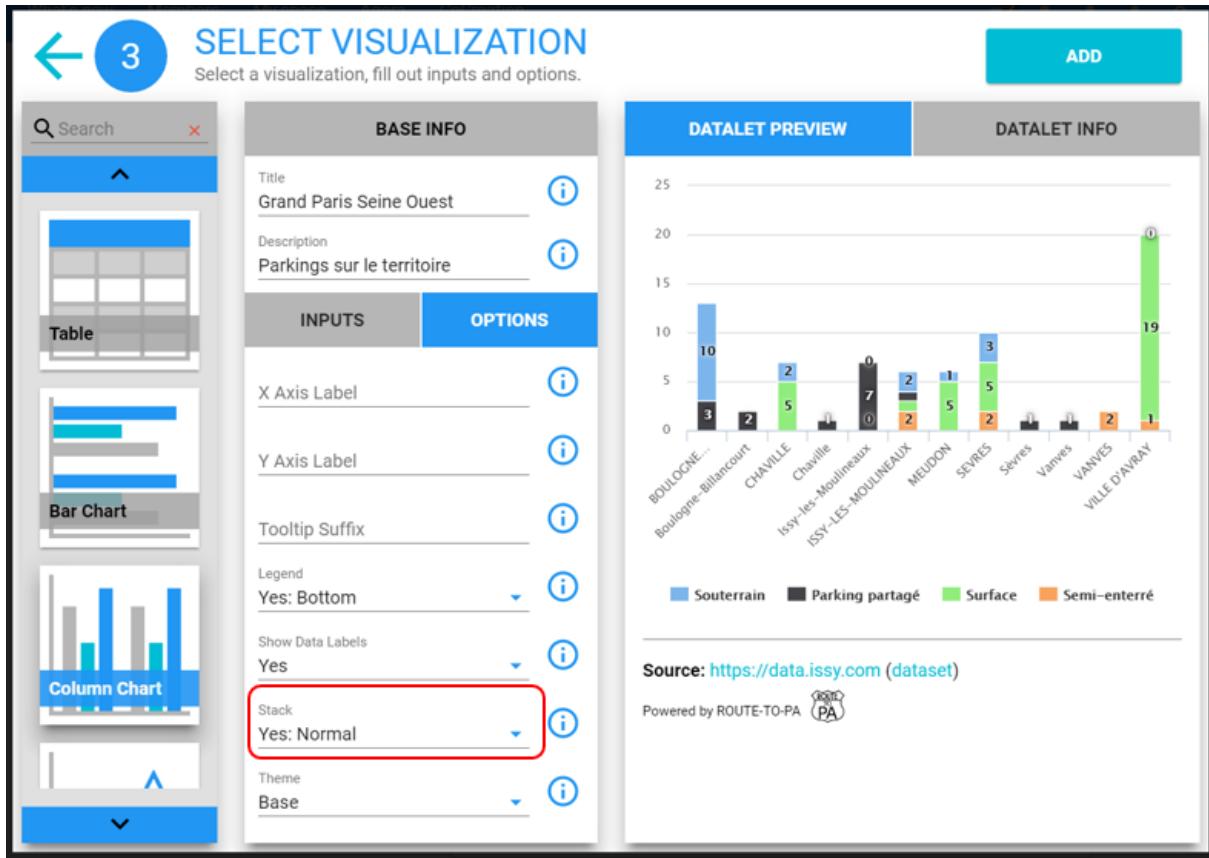


Figure 41: A stacked chart setting “Stack” option with “Yes” values

## 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 alle stanze aperte sulla piattaforma SPOD (Social Platform for Open Data) e 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.

What's new | Members | My space | Agora | CoCreation | Blogs | Events

**Blogs**

Come partecipare al progetto di ampliamento della ...

Accesso alla piattaforma SPODPer accedere alla p... MORE

Elena Palmisano | 10/11/18

Ampliamento della rete Wi-Fi libera con i suggerim... 5 commenta.

Il Comune di Prato si appresta ad ampliare la cope... MORE

Elena Palmisano | 10/11/18

**GO TO BLOGS**

Torremusa Scavone created room Alberi

0 1 Elena Palmisano likes this

Elena Palmisano and other users posted 6 comments on room Brainstorming sul Museo del Calcolatore

Vittorio Sciarano liked Matteo Tempolini's status

Un'esperienza fatta da me a Prato qualche mese fa. Effettivamente la "traduzione" dei luoghi di una città in altre lingue potrebbe essere un dataset partecipato da costruire assieme. See more

Gli open data per l'inclusione: mappare Prato in cinese. Usare openstreetmap come piattaforma di inclusione tramite la traduzione multilingua

0 2 Elena Palmisano and Vittorio Sciarano like this

maria lenesa paranzo and Vittorio Sciarano are now friends

0 0

Vittorio Sciarano + Vittorio Sciarano commented on riccardo allani's status: ma è possibile pubblicare su FB i datalets "attivi", e non solo screenshot?

Chat

Figure 42: Blogs among widgets (on the left side) in the What's new page.

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

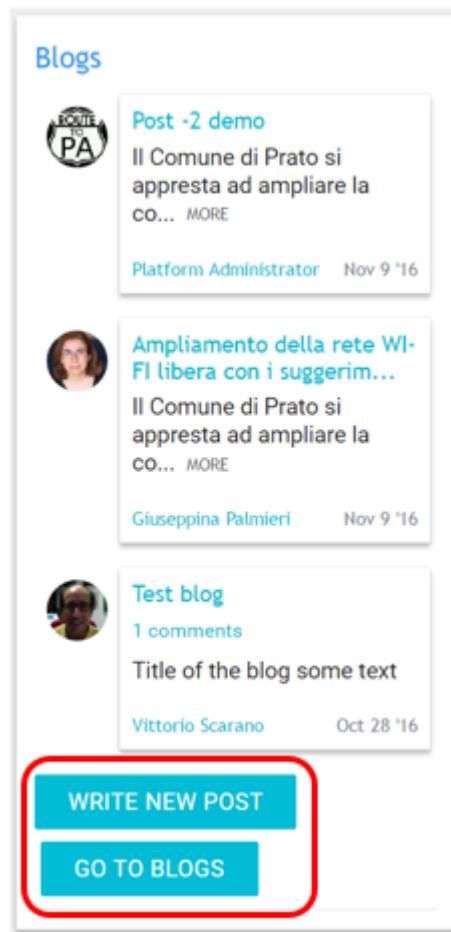


Figure 43: Only a user with "Blogger" role can write a new post

## 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).

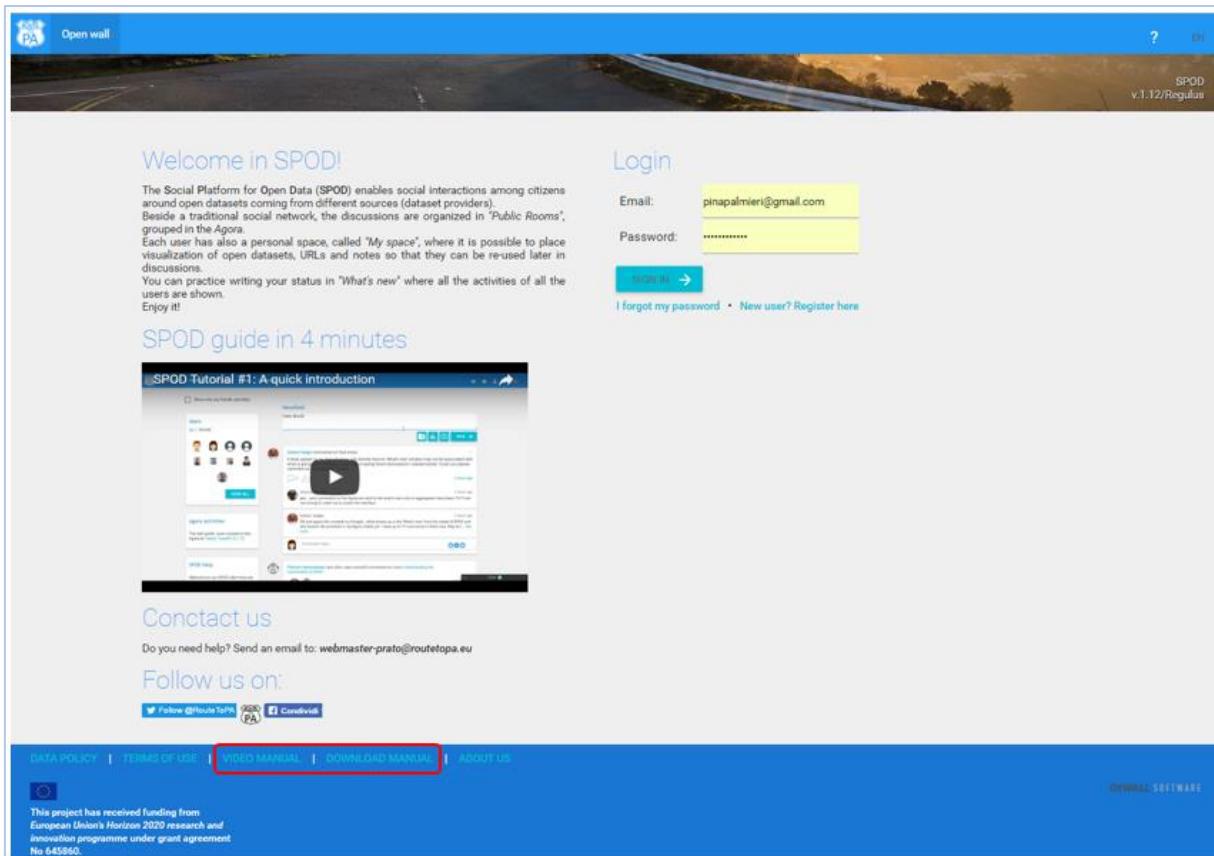


Figure 44: "Video Manual" and "Manual" on the right bottom of the page in SPOD platform

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

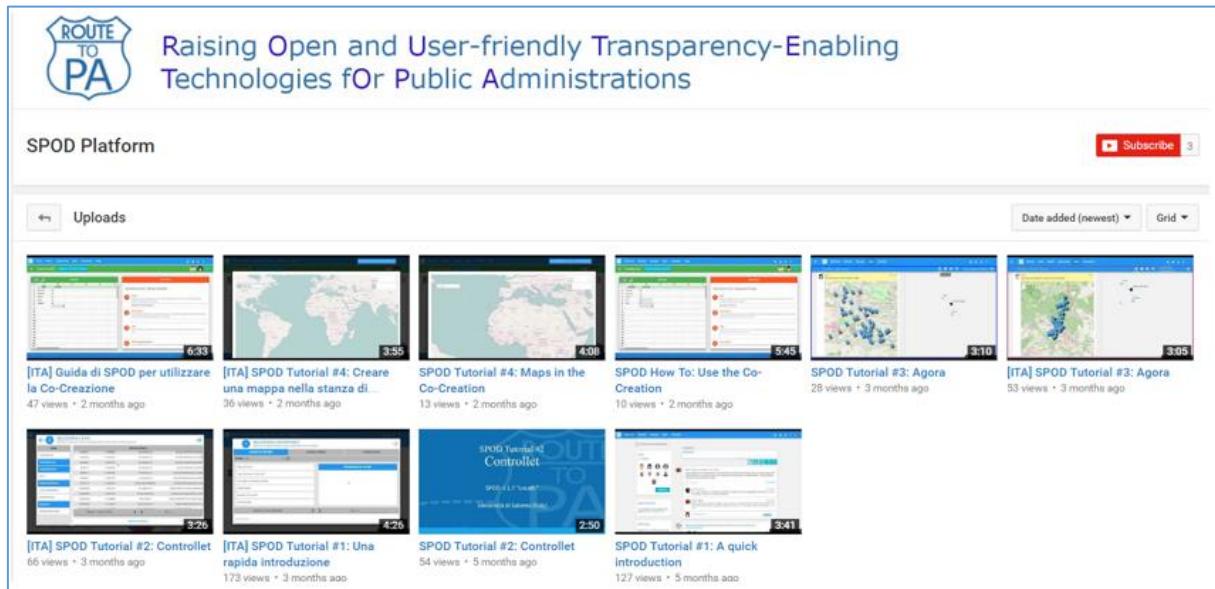


Figure 45: YouTube channel for SPOD platform

### 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.

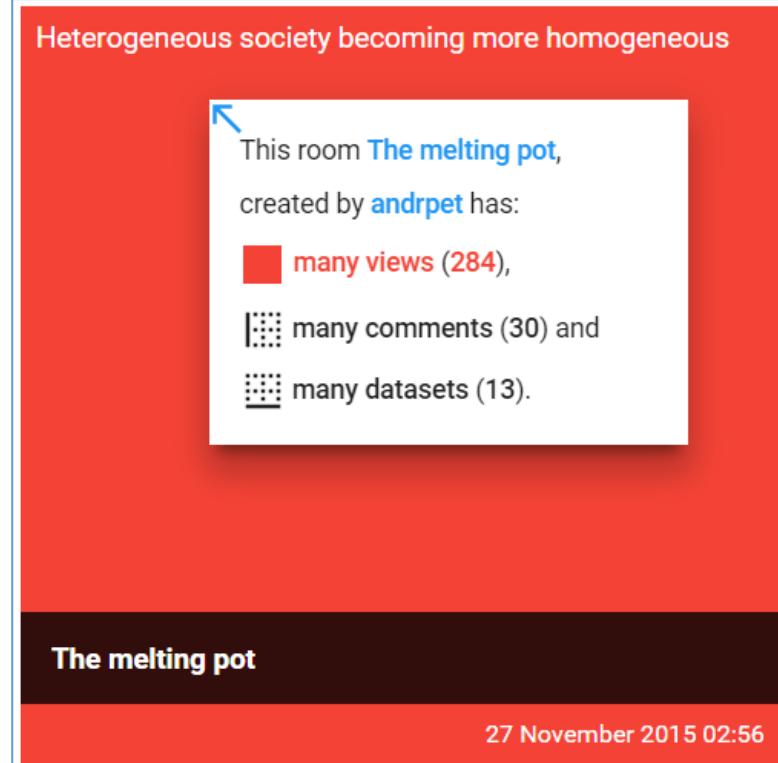


Figure 46: A public room in the Agora shows an enrich tooltip to explain details (color, size etc.in a room)

## 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.

## USER ROLES

User Role

Free

Bloggers

Events

**SUBMIT →**

What's new Members My space Agora CoCreation Blogs Events

16 1 ? EN

## Events

UPCOMING PAST MY EVENTS INVITATIONS ADD NEW EVENT +

 Christmas Holiday demo  
Christmas holiday in ISISLab laboratory , maps  
Giuseppina Palmieri Dec. 19

# 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 47: 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.

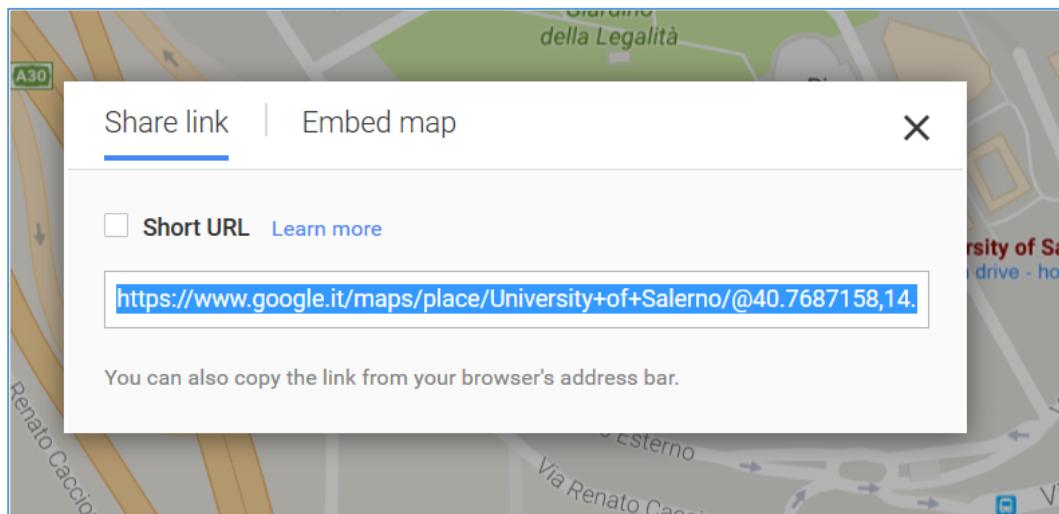
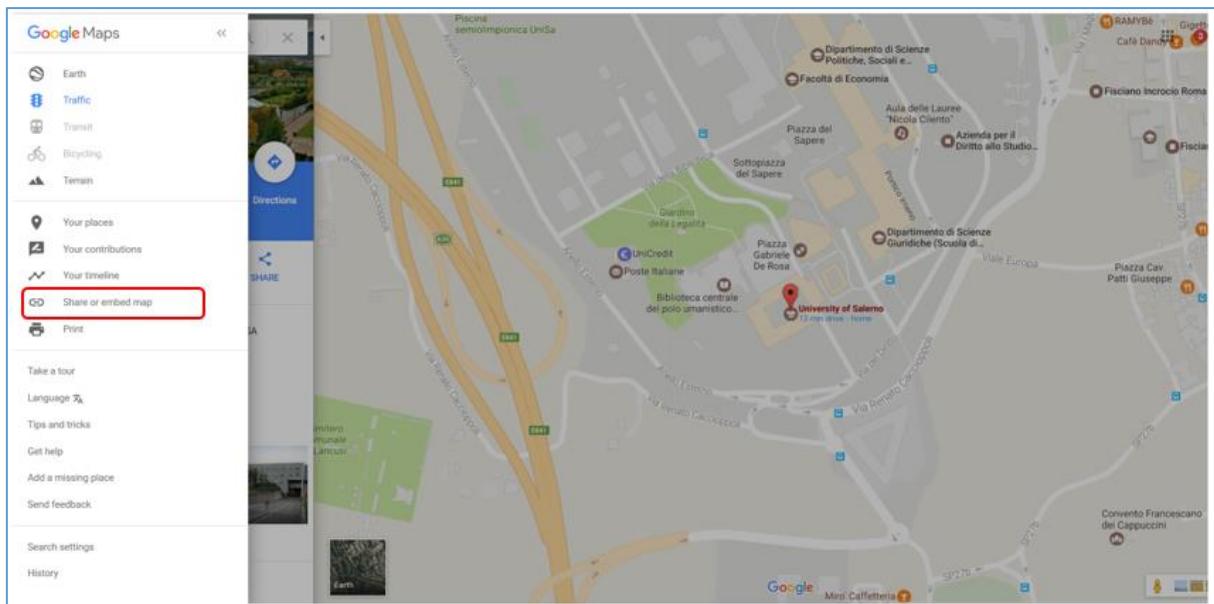


Figure 48 Click on "Share or embed map" of the left menu and a new window opens to copy and paste the URL of the event

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 49: 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

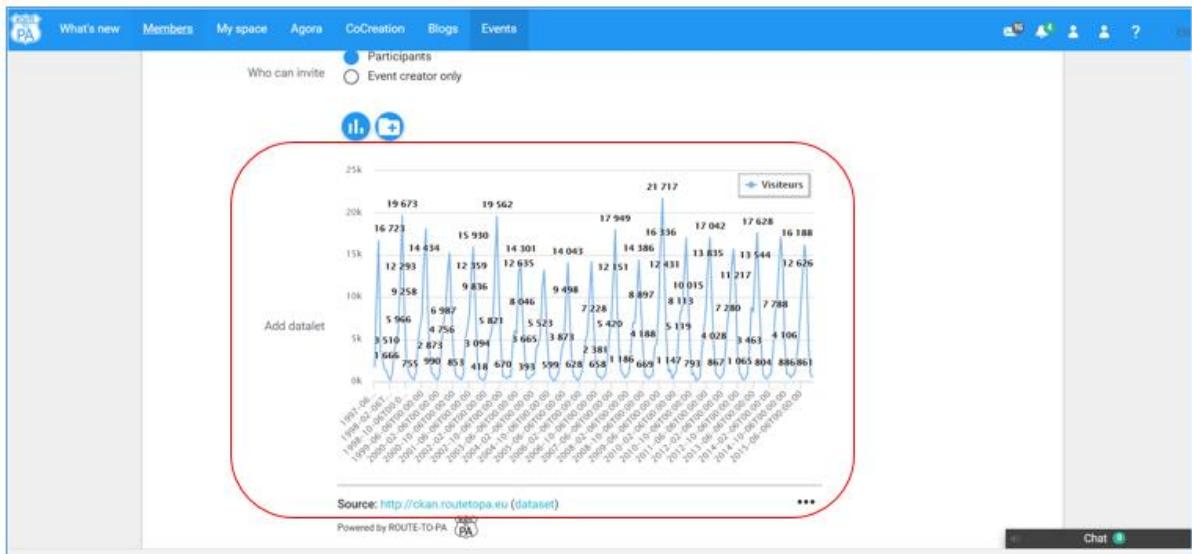
Image  Scegli file Nessun file selezionato

Who can view  Anybody  By invitation only

Who can invite  Participants  Event creator only

Add datalet 

**EDIT**



### 18.3 UPCOMING EVENTS IN WHAT'S NEW PAGE

In "What's new" page, all Upcoming events will be showed:

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 list of upcoming events with details like date, location, and creator, along with comments and likes.

## 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. Below it, the 'Who's attending' section shows a placeholder for user profiles. A cartoon reindeer is featured in the background.

Choose a user to invite to the event.

The screenshot shows a modal window titled "INVITE MY FRIENDS" over a dark background. The modal lists four users: "Platform Administrator" (with a "ROUTE TO PA" icon), "Vittorio Scarano", "Elena Palmisano", and "Delfina Malandrino". Below the list, it says "1 users selected" and has a "SUBMIT →" button. In the background, the event details are visible: Date & time (Dec 19), Event ends (Jan 3 '17), Location (ISISLab laboratory), and Creator (Giuseppina Palmieri). There is also an "INVITE +" button and a "Who's attending" section.

The invited user will receive a notify in SPOD.

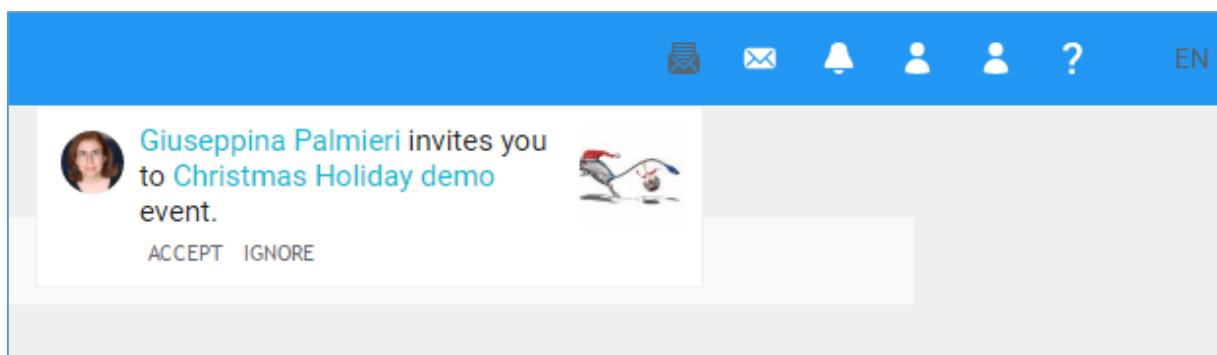


Figure 50: Notify an invited user

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

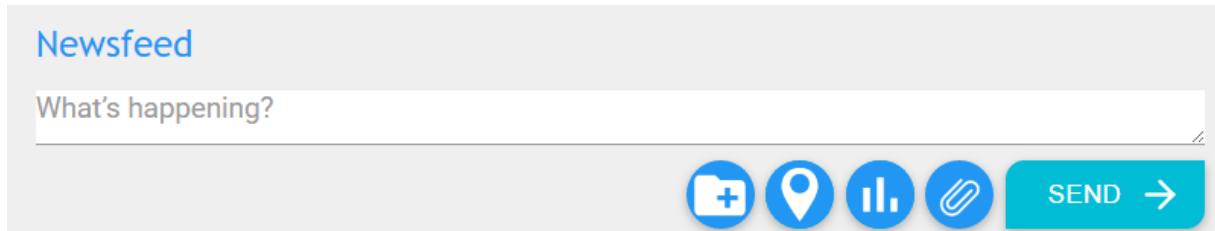
The screenshot shows the "Event invitations" section. At the top, there are tabs for "UPCOMING", "PAST", "MY EVENTS", and "INVITATIONS", with "INVITATIONS" being the active tab. Below the tabs, a card displays the event details: "Christmas Holiday demo", "Christmas holiday in ISISLab laboratory , map", and "Giuseppina Palmieri - Accept - Ignore". The date "Dec 19" is also shown.

## 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).

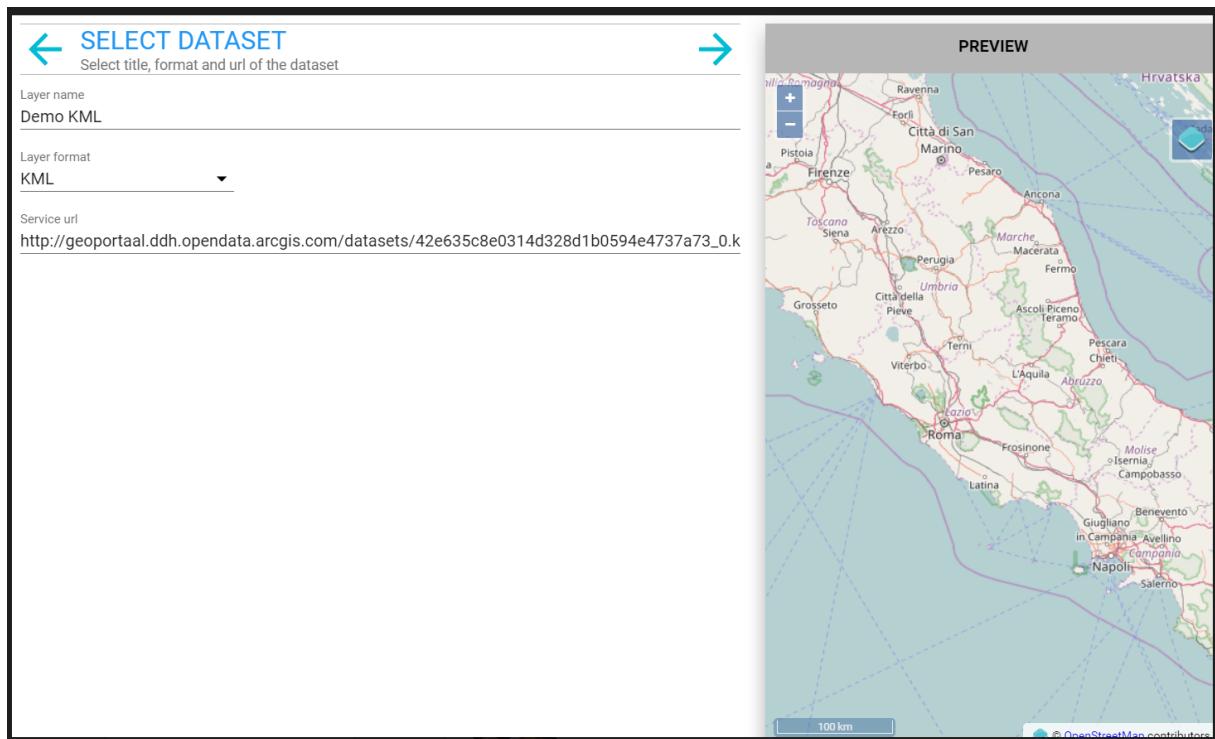
A  new button has been introduced in My friends' activities/What's new that it opens the map authoring system.



### 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 main sections: 'SELECT DATASET' on the left and 'PREVIEW' on the right.

**SELECT DATASET:** This section contains the following fields:

- Layer name: Demo KML
- Layer format: KML
- Service url: [http://geoportaal.ddh.opendata.arcgis.com/datasets/42e635c8e0314d328d1b0594e4737a73\\_0.kml](http://geoportaal.ddh.opendata.arcgis.com/datasets/42e635c8e0314d328d1b0594e4737a73_0.kml)

**PREVIEW:** This section displays a map of Italy and surrounding regions. The map shows various regions and cities, including Rome, Naples, and others. A scale bar indicates 100 km. The map is overlaid with a light blue grid pattern. The 'OpenStreetMap contributors' logo is visible in the bottom right corner.

**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**

#### 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
(cc) BY
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

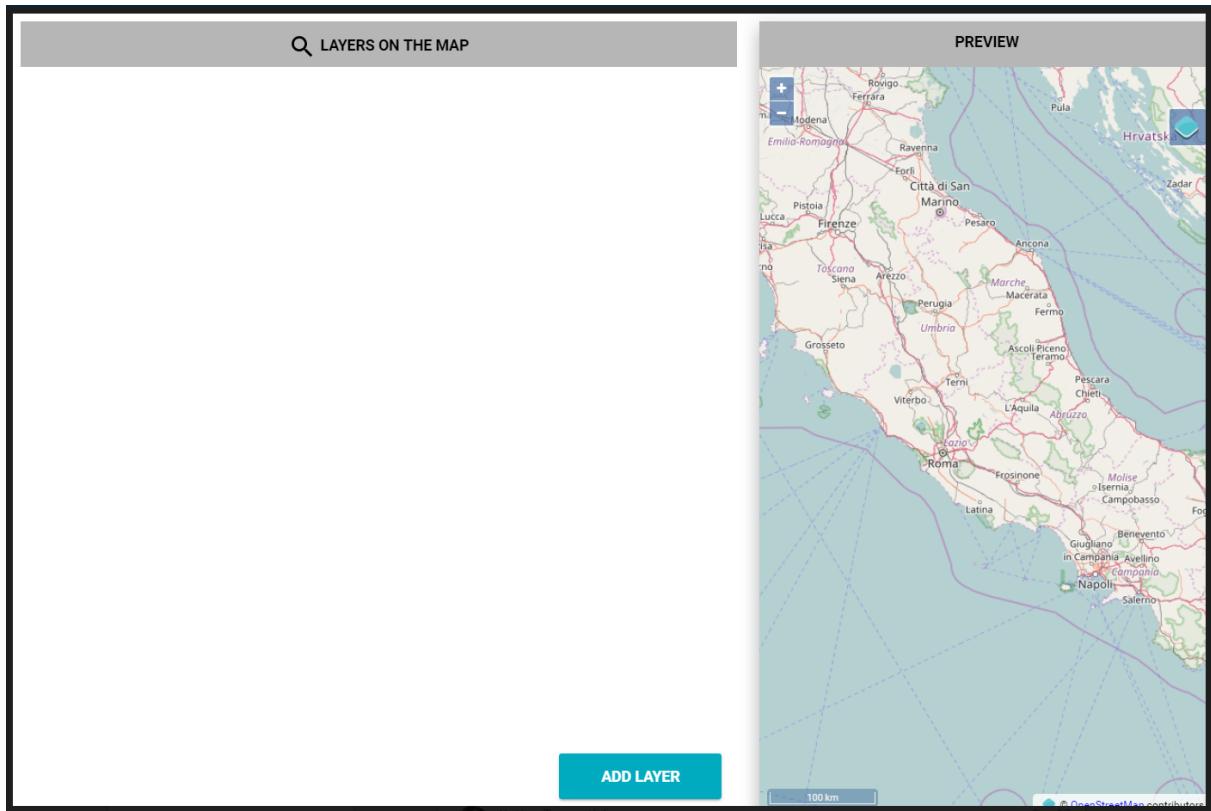
Anteprima non disponibile per il tipo dei dati: kml

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).

**Datasets**

Doorzoeken datasets...

**800 datasets gevonden** Sorteer op: Relevantie

**Gemeentelijke Monumenten Schiedam** 64 keer bekeken

Alle door de gemeente geregistreerde gemeentelijke monumenten.

[CSV](#) [GeoJSON](#)

**Meldingen Openbare Ruimte Schiedam** 83 keer bekeken

Overzicht van alle meldingen over de open ruimte in de gemeente Schiedam vanaf 30 juni 2011. Het bestand wordt elke week vernieuwd, waarbij de nieuwe meldingen worden toegevoegd...

**Gemeentelijke Monumenten Schiedam** [Ga naar bron](#)

URL: <https://ckan.dataplatform.nl/dataset/cc1d40ba-cada-4779-981f-ff981c9ee5f8/resource/94c9a26d-c8f4-47df-bbfc-160273ed13b1/download>

Gemeentelijke Monumenten in Schiedam

Data Explorer Text GeoJSON [Insluiten](#)

This resource view is not available at the moment. [Klik hier voor meer informatie.](#)

[Download bron](#)

Bronnen	Metadata
Gemeentelijke Monumenten	Veld Waarde
Gemeentelijke Monumenten	Laatst gewijzigd 20 december, 2016
Sociaal	Gecreëerd 2 maart, 2016
Google+	Formaat GeoJSON

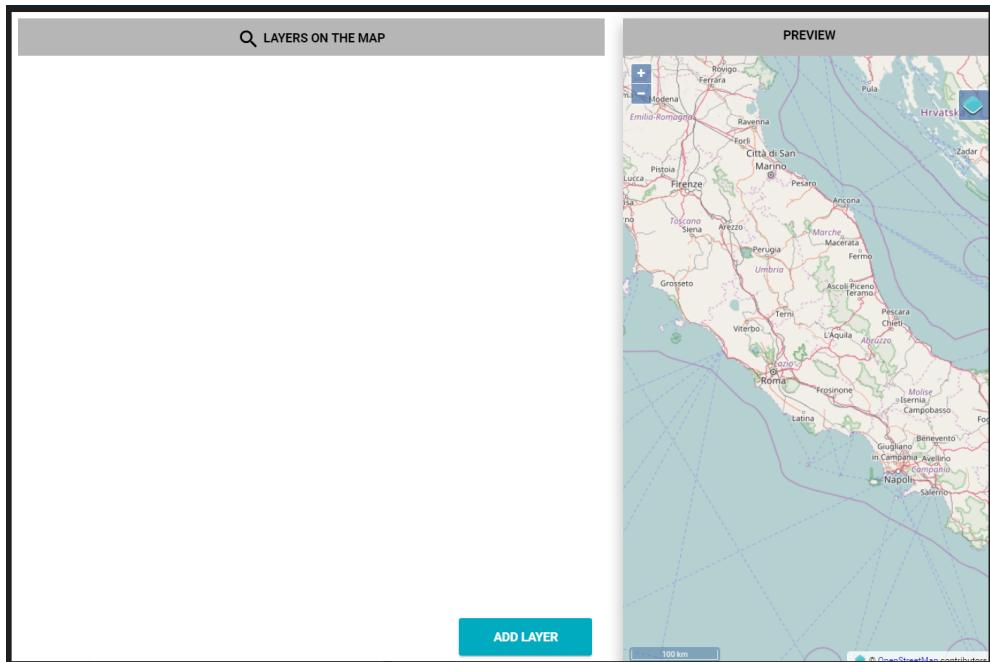
Figure 51: Click on the top right corner to copy the address of GeoJson dataset and to paste in the maplet feature

An example in SPOD:

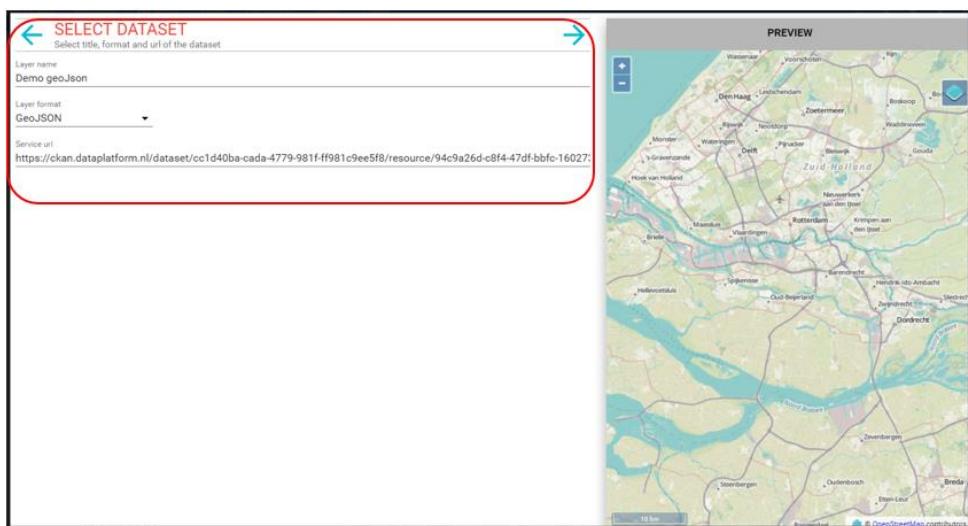
GeoJson file with address = <https://ckan.dataplatform.nl/dataset/cc1d40ba-cada-4779-981ff981c9ee5f8/resource/94c9a26d-c8f4-47df-bbfc-160273ed13b1/download/monumentensdam.json>

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 NOTIFY ACTIVITY

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### 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)

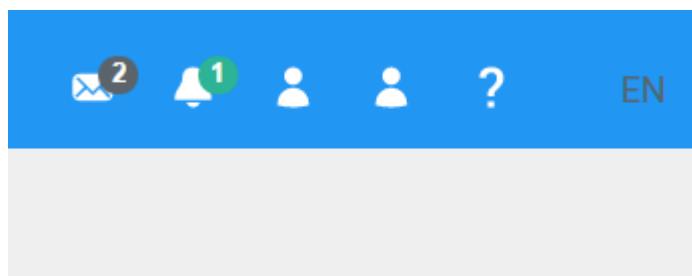


Figure 52: Notification in SPOD

A screenshot of a settings dialog box. It contains a list of options with radio buttons:

- Also send by email
- Immediately
- Automatically (if you don't show up on the site for 2 days)
- Never

In the bottom right corner of the dialog box is a blue 'SAVE' button with a downward arrow icon.

The screenshot shows the 'My Preferences' settings page with the 'GENERAL' tab selected. The 'CoCreation' section is expanded, displaying various notification types:

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

A red box highlights the 'Also send by email' section, which contains three radio button options:

- Immediately
- Automatically (if you don't show up on the site for 2 days)
- Never

An example of received e-mail notification:

[ROUTETOPA-WEBMASTER] New message from Francesco 

SPOD <webmaster@routetopa.eu>  
a webmaster 

10:58 (41 minuti fa)

Ciao Spodadmin,  
Ecco le ultime attività su [SPOD](#) per te:  
**Dic 13**

 [New message from Francesco](#)   
Grazie a voi

Collegati ora!  
SPOD  
<http://prato.routetopa.eu/>

[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: 'Base' (Someone comments on my profile), 'Friends' (Someone sends me friend request, Someone accepts my friend request), 'Messages' (Someone sends me a new mail message, Someone sends me a new chat message), 'Newsfeed' (Someone comments on my status, Someone likes my status, Someone writes on my wall), and 'CoCreation' (Someone creates a new cocreation room, Someone comments in a data cocreation room). The 'CoCreation' section is expanded, showing two specific notifications: 'Qualcuno a creato una nuova stanza di cocreazione' and 'Qualcuno ha commentato in una stanza di cocreation dati'.

Figure 53: 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: 'Base' (Someone comments on my profile), 'Friends' (Someone sends me friend request, Someone accepts my friend request), 'Messages' (Someone sends me a new mail message, Someone sends me a new chat message), 'Newsfeed' (Someone comments on my status, Someone likes my status, Someone writes on my wall), and 'CoCreation' (Someone comments in a data cocreation room). The 'CoCreation' section is expanded, showing one notification: 'Someone comments in a data cocreation room'. At the bottom right, there is a 'Chat' button with a green badge indicating 6 unread messages.

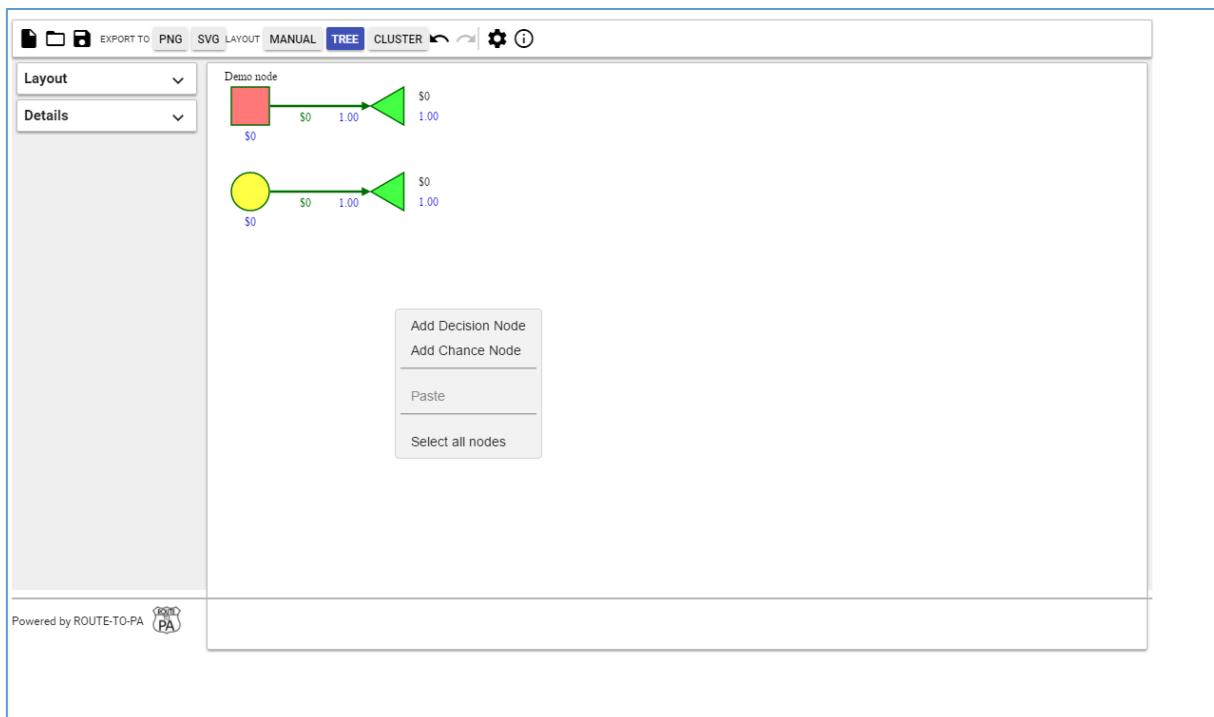
Figure 54: Setting for any user of SPOD

## 21 DECISION TREE

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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

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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 is located below the message area. At the bottom right, there is a "Chat" button with a notification count of 0.

## 23 BROWSER COMPATIBILITY

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

- Google Chrome
- Firefox
- Safari
- Microsoft Edge

## 24 HELP DESK

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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 table titled 'records / fields'. The table has columns for 'longitude' and 'latitude', showing 10 entries. The first entry is 2.24406727, 48.82174807. The last entry is 2.27683674, 48.81878429. Navigation buttons at the bottom right include 'Previous', '1', and 'Next'.

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 55: 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
		Public Room	A datalet is available to publish with a post/comment
	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