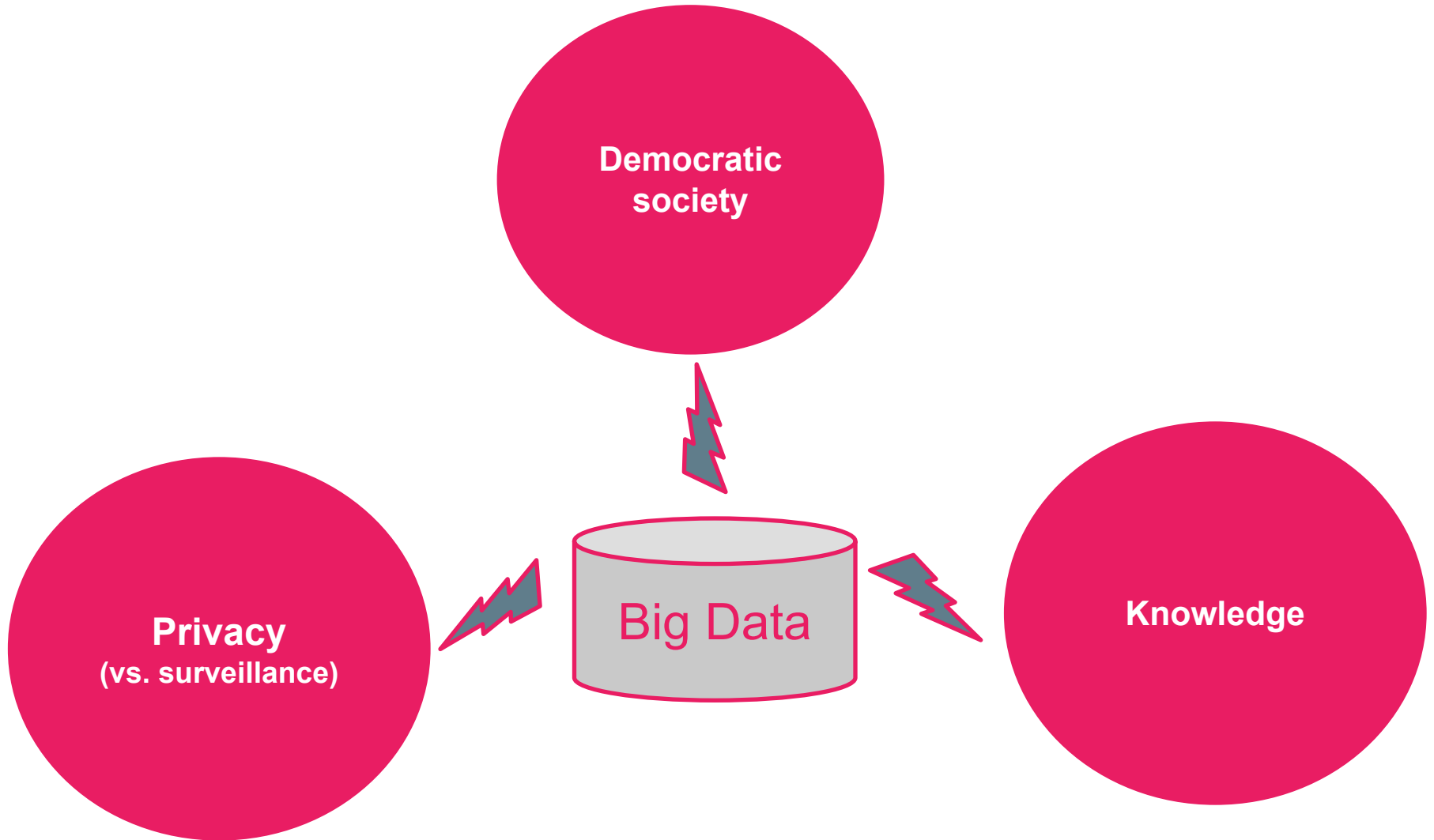


Session IV

Participatory platforms

Critical Questions for Big Data

Boyd, D., & Crawford, K. (2012).
Critical questions for big data: Provocations for a
cultural, technological, and scholarly phenomenon.
Information, communication & society, 15(5), 662-679.



Boyd & Crawford (2012)

“Big Data has emerged a system of knowledge that is already changing the objects of knowledge, while also having the power to inform how we understand human networks and community. ‘Change the instruments, and you will change the entire social theory that goes with them’, Latour (2009) reminds us.

(...)

Rather, it is a profound change at the levels of epistemology and ethics. Big Data reframes key questions about the constitution of knowledge, the processes of research, how we should engage with information, and the nature and the categorization of reality.”

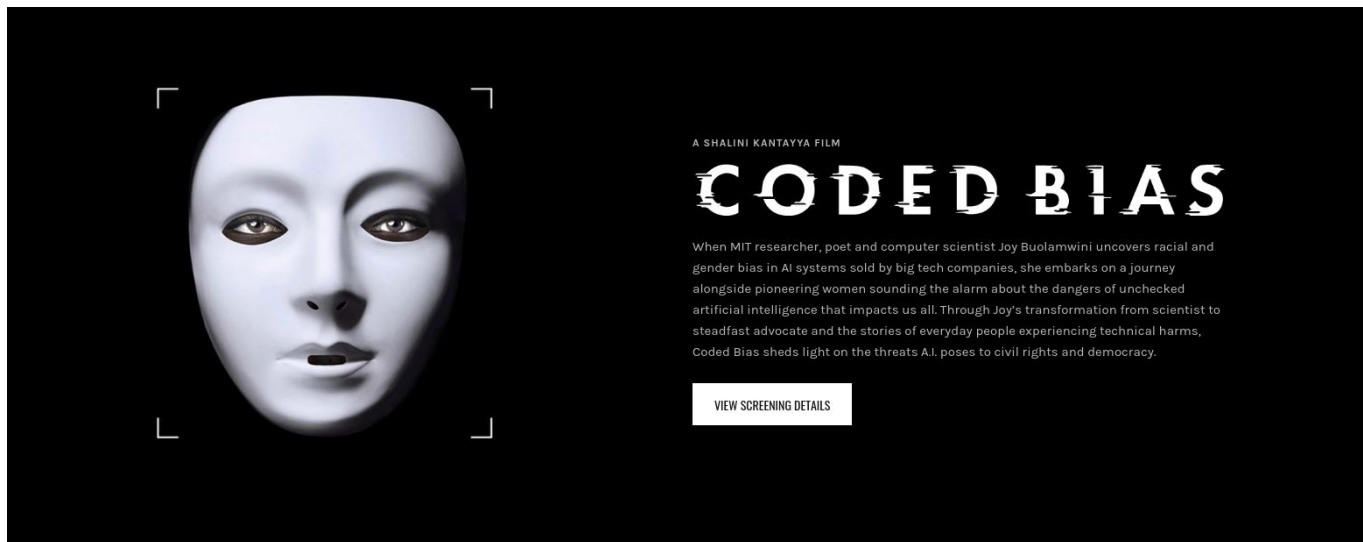
Boyd & Crawford (2012)

- Big data changes the definition of knowledge
- Attributing great objectivity and precision to Big Data is misleading
- More data does not mean better data
- Without context, (Big) Data loses its meaning
- Its accessibility does not imply that its research is ethical
- Limited access to Big Data creates new digital divides

Boyd & Crawford (2012)

Does data speak for themselves?

NO! Datasets and technology imply biases



<https://www.sundance.org/blogs/festival/coded-bias-exposes-the-tech-made-without-women-and-people-of-color-in-mindand-the-dangers-of-rectifying-that>

Boyd & Crawford (2012)

“In reality, working with Big Data is still subjective, and what it quantifies does not necessarily have a closer claim on objective truth”

- There is a risk the Big Data in widening the division between "subjective" qualitative research and "objective" quantitative research.
- The process and analysis of Big Data contains many consecutive steps that are sometimes not recognized as subjective:
 - Data cleaning.
 - Methods of analysis and how they are applied.
 - Interpretation of the results.

Boyd & Crawford (2012)

“In reality, working with Big Data is still subjective, and what it quantifies does not necessarily have a closer claim on objective truth”

- What about the reliability of the datasets?
 - Errors in the datasets
- Data capture is generally very non-transparent
 - Biases and limitations of the data

Boyd & Crawford (2012)

Just because Big Data presents large amounts of data does not mean that the methodology is not relevant.

Understanding data is more important now than ever:

- Validity
- Reliability
- Does it fit the research questions?

Boyd & Crawford (2012)

Twitter is an excellent example of the limitations and biases of Big Data:

- It doesn't represent the whole population even though millions of people appear on the dataset
- There is no visibility of the dataset sampling
- Size is not equivalent to representativeness
- Restricted access to Twitter firehose, etc...

Boyd & Crawford (2012)

Data and digital methods do not have to be transferable from one context to another:

- The Facebook Graph may mean something on Facebook, but it's not a complete representation of people's real social network.
- The activity and intensity in the social network context may not have the same meaning in real life.

Big Data are not generic data about social interactions in general, they are specific to the given network.

Boyd & Crawford (2012)

Only social media firms have full access to data, researchers in general don't

Access to data is expensive → Inequalities for research

- Top universities improve their capabilities

The skills required for access to data are limited to researchers with computer skills:

- Gender divide (among others)

Limited access creates a great bias in relation to the questions:

- Who decides the purposes of the Big Data?

Conclusion(s)



Decidim (Barcelona)

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hola@decidim.org

Website: decidim.org

Twitter: @decidimbcn @decidim_org



free open-source participatory democracy
for cities and organizations

online demo

**decidim is a digital platform
for citizen participation**

Free and safe technology.
With all democratic guarantees.
Reprogramming democracy is now possible with Decidim.

play video ►

<http://decidim.org/>



GOBIERNO DE LA
CIUDAD DE MÉXICO



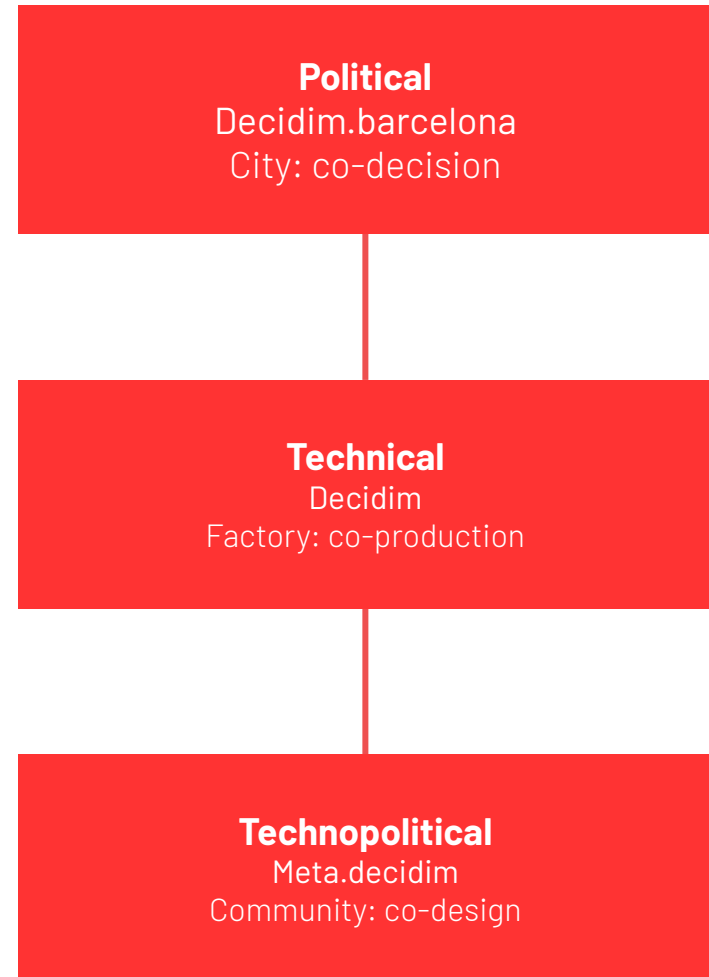
What is Decidim?

3 layers of the project

/politics

Enabling democracy

Decidim is a multi layered project, each layer enables the next producing a vertical integration of democratic processes.





Primers pressupostos participatius de Barcelona

[PARTICIPA!](#)

FASES DEL PROCÉS

03 - 27
FEB MAR

Recollida de
projectes i propostes

20 - 30
ABR ABR

Priorització de
projectes

26 - 7
MAI JUN

Votació final
dels projectes



decidim

decidim is a digital infrastructure for participatory democracy led by the Barcelona City Council with contributors and collaborators all around the world

<https://decidim.org>

hola@decidim.org

 **Repositories** 38

 **People** 51

 **Teams** 16

 **Projects** 8

 **Settings**

Pinned repositories

[Customize pinned repositories](#)

decidim

The participatory democracy framework. A generator and multiple gems made with Ruby on Rails.

 Ruby  392  113

docs-features

Decidim features and future roadmap documentation (English, Spanish & Catalan)

 2  2

Find a repository...

Type: **All** ▼

Language: **All** ▼

 **New**

decidim

The participatory democracy framework. A generator and multiple gems made with Ruby on Rails.



[government](#)

[community](#)

[engine](#)

[democracy](#)

[open-data](#)

[civic-tech](#)

 Ruby  392  113  AGPL-3.0 Updated 3 hours ago

Top languages

 Ruby  HTML  Shell  CSS
 JavaScript

Most used topics

[Manage](#)

[decidim](#)

[decidim-docs](#)

Welcome to the Metadecidim Community!

START HERE


Welcome to Metadecidim community site. This is a democratic community that manages the Decidim project democratically in all its dimensions.

REGISTER ▶

LAST ACTIVITY




03/02/2020
17:16



Sara

New comment at [En encuestas, dar la posibilidad de contestar más de una vez](#)

Ok, pues eso tiene que ser.
Mil gracias :)



03/02/2020
09:41

New proposal at [Propose new functionalities for Decidim software](#)

[En encuestas, dar la posibilidad de contestar más de una vez](#)

Otra problemática que he encontrado en el componente encuestas, es que solo permite contestarla una vez. Creación de un botón para seleccionar si la encuesta se puede contestar una o varias veces por la misma persona. Un saludo.

decidim.barcelona

Barcelona City Participation Platform

/decidim.barcelona

38 participatory processes

15 Citizen Initiatives

70 Participatory Councils

16 PROCESSOS ACTIUS
VEURE
PASSATS (20)
TOTS (36)

MPGM La Clota Reordenació

L'Àrea d'Ecologia Urbana i el Districte d'Horta-Guinardó promouem un procés de participació per a la...

#mpgmclaclota

DATA D'INICI	DATA DE FINALITZACIÓ
18/09/2018	20/11/2018
20/09/2018	▲ SEGUIR

FASE ACTUAL: Fase de retorn

PARTICIPA

Fabra i Coats, un espai obert al barri

Des del Districte de Sant Andreu i l'ICUB s'ha decidit impulsar un procés participatiu per definir L...

#espaipublicfabra

DATA D'INICI	DATA DE FINALITZACIÓ
01/10/2018	31/03/2019
01/10/2018	▲ SEGUIR

FASE ACTUAL: Diagnosi

PARTICIPA

Dissenyem la zona verda de les Cases Barates

Des del Districte de Sant Andreu i l'IMU s'ha decidit impulsar un procés participatiu per definir le...

#ZonaverdaCasesbarates

DATA D'INICI	DATA DE FINALITZACIÓ
01/10/2018	31/03/2019
20/09/2018	▲ SEGUIR

FASE ACTUAL: Diagnosi

PARTICIPA

Reglament per a l'Equitat de Gènere a l'Ajuntament de Barcelona

El procés participatiu crida a tota la ciutadania de Barcelona a fer aportacions al projecte normati...

#normaBCNantimasciata

DATA D'INICI	DATA DE FINALITZACIÓ
12/07/2018	07/12/2018
02/07/2018	▲ SEGUIR

FASE ACTUAL: Retorn II

PARTICIPA

Montbau + accessible

"Montbau + accessible" és un procés participatiu de diagnosi i de prioritització i valoració de propos...

#montbausable

DATA D'INICI	DATA DE FINALITZACIÓ
09/10/2018	14/01/2019
22/10/2018	▲ SEGUIR

FASE ACTUAL: Fase de debat i propostes

PARTICIPA

Montjuïc, un parc per a Barcelona

El procés participatiu està destinat a debatre, contrastar i recollir propostes ciutadanes per redac...

#FuturMontjuïc

DATA D'INICI	DATA DE FINALITZACIÓ
10/10/2018	31/03/2019
25/09/2018	▲ SEGUIR

FASE ACTUAL: Fase de diagnosi i propostes...

PARTICIPA

[decidim.barcelona/participatory strategic planning](https://decidim.barcelona/participatory-strategic-planning)

Barcelona's Municipal Action Plan 2015-2019

39.049 participants
 10.860 proposals
 1.467 action plans
 15.021 physical participants
 500+ meetings
 1.700 organizations
 165.121 supports
 72,2% citizen proposals accepted
 24.028 active users
 230.000+ online interactions



[decidim.barcelona/participatory strategic planning](https://decidim.barcelona/participatory-strategic-planning)

Strategic planning

Cerca

Català

Registra't

Entra

Inici

Processos

Òrgans

Iniciatives

Més informació

Rendició de comptes

Pla d'Actuació Municipal

#PlaMunicipal · 73 barris, una Barcelona. Cap a la ciutat dels drets i les oportunitats.

Fase 5 de 5

SEGUIMENT

09-03-2018 · 26-05-2019

Veure les fases

EL PROCÉS

PROPOSTES

TROBADES

DEBATS

SEGUIMENT ACTUACIONS

VISUALITZACIONS

6898 PROPOSTES

Nova proposta

Cerca

Q

ORIGEN

Tots

Oficial

Ciudadania

ESTAT

Totes menys rebutjades

Acceptades

En avaluació

Rebutjades

Tots

RELACIONAT AMB

Tots

Resultats

Trobades

ÀMBITS

Selecioneu un àmbit

Ordenar propostes per:

Ha rebut més suports

Resultats per pàgina: 20

Crear protocols de formació d'espais d'inclusió.

Anonymized User 9289 @suport_decidim_hg_1

ACCEPTADA

Crear protocols de formació d'espais d'inclusió.

Autonomia personal

Les Corts

04/04/2018

SEGUIR

0

0

0 SUPORTS

RECOLLIDA DE SUPORTS DESACTIVADA

Protocols assajaments.

Anonymized User 10306 @blanca_noubarris_pun

ACCEPTADA

Donar eines a les entitats perquè puguin promoure'ls amb exemples de bones pràctiques.

Equitat de gènere i diversitat sexual

Nou Barris

04/04/2018

SEGUIR

0

0

0 SUPORTS

RECOLLIDA DE SUPORTS DESACTIVADA

Obligar als propietaris a que els edificis siguin accessibles

User Group 142

ACCEPTADA

A nivell d'accessibilitat i habitabilitat a

Habitatge

Obligar a l'ús dels habitatges buits

User Group 142

ACCEPTADA

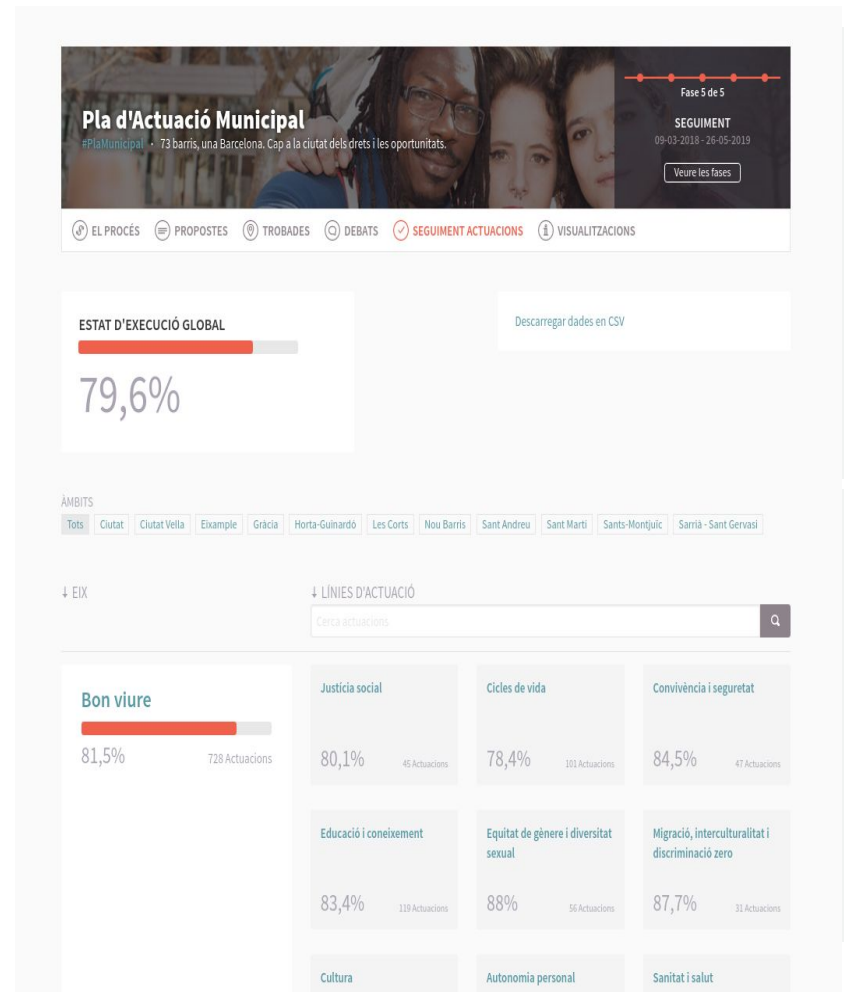
Obligar a l'ús dels habitatges buits

Habitatge

decidim.barcelona/participatory strategic planning

Monitoring results

80% execution of the projects



[decidim.barcelona/participatory strategic planning](https://decidim.barcelona/participatory-strategic-planning)

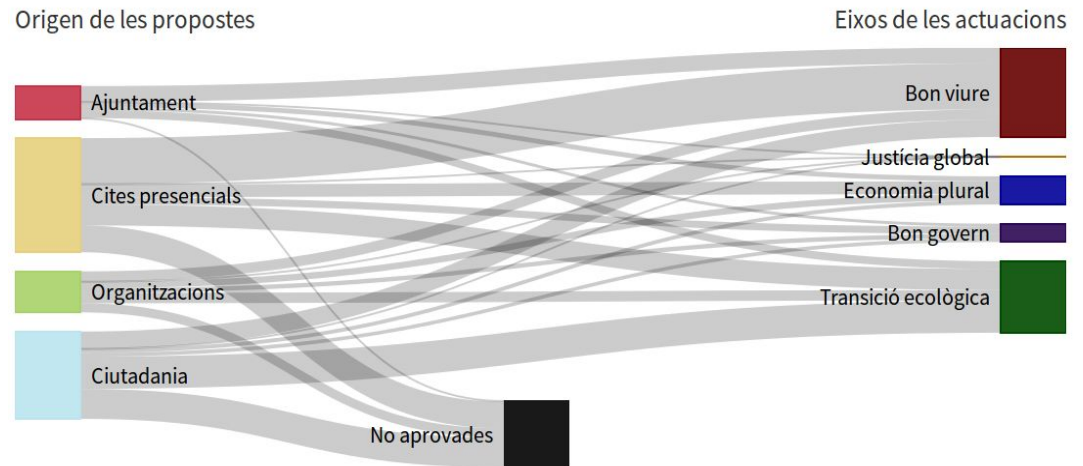
10,870 proposals

72% acceptance rate

converted to

1,500 Actions

~7,000 accountable projects



[decidim.barcelona/participatory strategic planning](https://decidim.barcelona/participatory-strategic-planning)

Meetings

EL PROCESO
PROPUESTAS
ENCUENTROS
DEBATES
SEGUIMIENTO ACTUACIONES
VISUALIZACIONES

Actualmente no hay encuentros programados, pero puedes ver los anteriores.

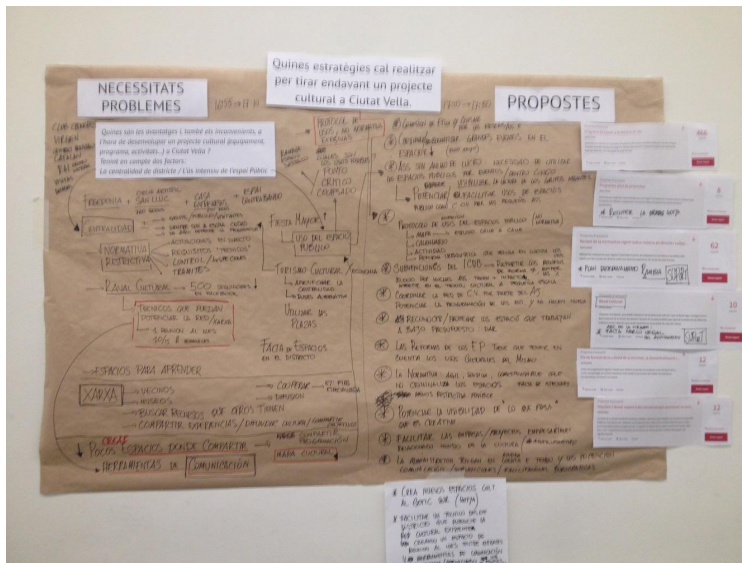
[decidim.barcelona/participatory strategic planning](https://decidim.barcelona/participatory-strategic-planning)

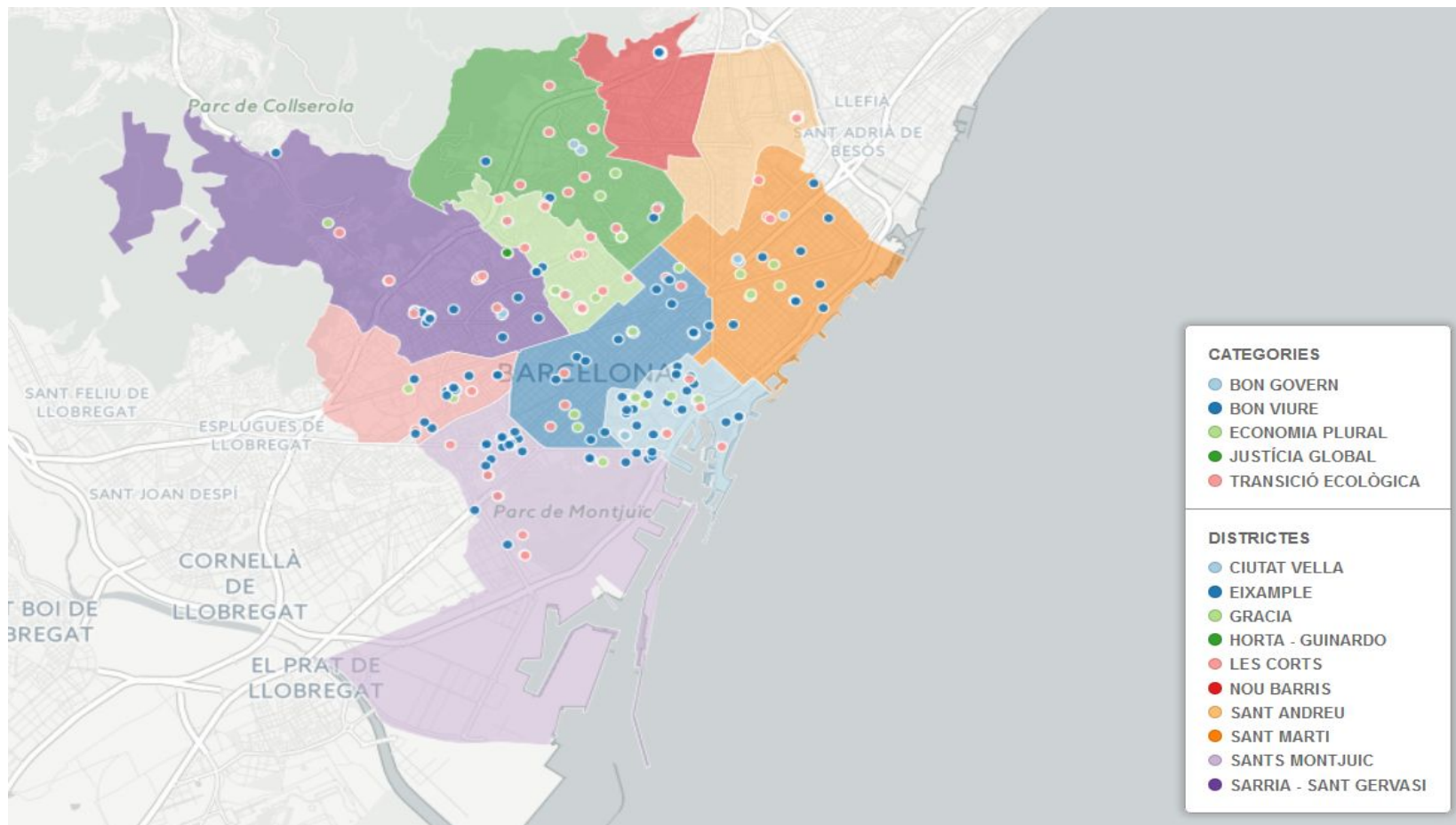
Meetings



[decidim.barcelona/participatory strategic planning](https://decidim.barcelona/participatory-strategic-planning)

Meetings





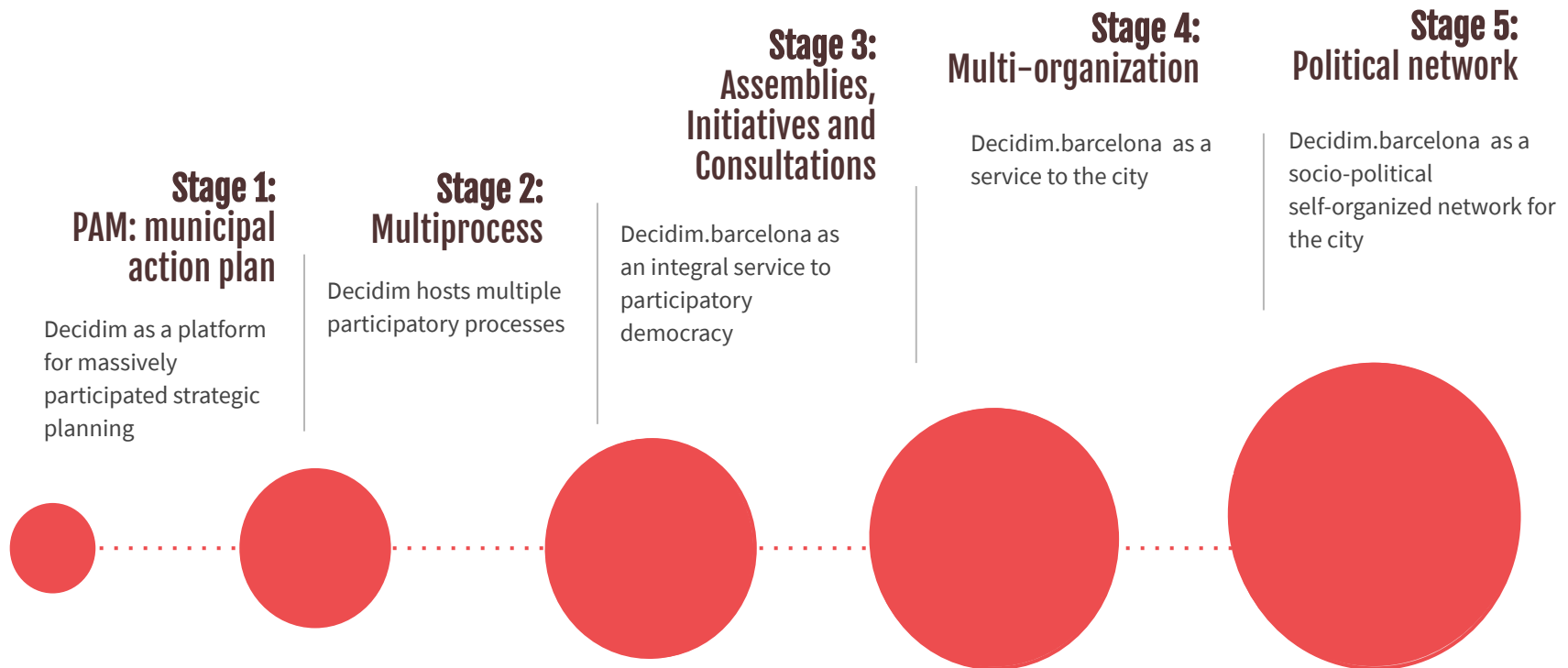


Decidim

How does it work?

/definition

decidim.org



decidim features



proposals your ideas in detail

The participatory texts component can be used to convert lengthy text documents into various proposals or results and, vice versa, to compose and display a unified text based on a collection of proposals or results.



voting decide your vote

The voting component offers organizations the possibility of activating different voting or support systems around proposals: unlimited, limited to a given threshold, weighted, cost-based, etc.



conference where big events are premiered

The conference component allows an organization to create a website for a big event by joining up a series predefined meetings (chats, workshops etc.), putting together a unified program and managing attendees.



surveys because the opinion of your community matters

The surveys component can be used to design and publish surveys and to display and download their results.



sortition equality and the justice of randomness

The sortition component allows to select a number of proposals (e.g. candidates for a jury) with random, yet reproducible, procedures that guarantees non-biased and uniform distributions.



results no proposal without an answer

The results component is used to turn proposals into results and give official responses concerning their acceptance or rejection, merging various proposals into a single result.



accountability transparency from beginning to end

The accountability component offers the possibility of subdividing results into projects, defining and applying progress statuses around their implementation, as well as displaying the extent of the results' implementation grouped by categories and scopes.



comments building a collective intelligence

The comments component enables users to add comments, to identify the comment as being in favor, against or neutral in relation to the commented object, to vote comments, respond to them and to receive notifications about responses.



pages and blogs your community, informed and up to date

The pages component is used to create informative pages with rich text formatting, embedded pictures and videos. The blog component makes possible the creation of posts or news, and to navigate them chronologically.



notifications personalized information on interesting contents

Decidim enables you to track any space or component to receive updates every time they happen.



meetings to meet and not miss anything

The meeting component offers organizations and participants the opportunity to convene meetings, determine their location and time, register and limit attendees, define the structure and content of the meeting as well as publishing the minutes, and the resulting proposals.



participatory texts to analyze, synthesize, and build in common

The participatory texts component can be used to convert lengthy text documents into various proposals or results and, vice versa, to compose and display a unified text based on a collection of proposals or results.



newsletter simple but powerful

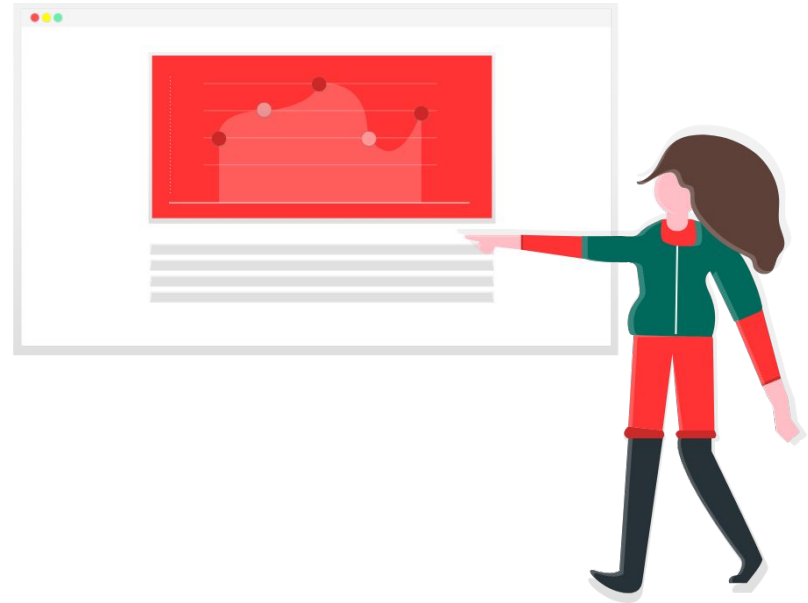
The newsletter component makes possible to send emails to everyone registered in the platform or, more selectively, to those who participate in a specific space.

/Principles

Social Contract

Democratic guarantees code

- Open to collaboration
- Transparency, traceability, integrity
- Democratic quality guarantees
- Privacy and security



/How it works

Online and offline integration

We are not only a digital platform, we're an application for people from all ages and origins. Decidim is designed to help solving the digital divide and to create new forms of multi-layered, augmented participation. The platform includes call for meeting, minutes, comments, etc.

MEETINGS

Search

Q

DATE

☐ Upcoming
 ☒ Past

PARTICIPATORY SPACE

☒ All
 ☐ Assemblies
 ☐ Participatory processes

Results per page: 20

15th Metadecidim Operative Session (SOM)

Next Thursday, October 25, we invite you to participate in the 15th SOM:
What will we do?

- Doing Decidim: we move forward ... (read more)

🕒	25 OCTOBER 2018 · 17:00 - 19:00
📍	FÀBRICA DE CREACIÓ FABRA I COATS Carrer Sant Adrià 20, 08030, Barcelona Planta 3, Sala 1
02/10/2018	<div>▲ FOLLOW</div> <div>15</div>
VIEW	

LAB Metadecidim - Session 13.

Decidim.cultura: Citizen participation technologies for cultural management and production.

In this seminar, LAB Metadecidim and CULTURA work together to evaluate the possibilities of the Decidim as a platform to... (read more)

🕒	11 OCTOBER 2018 · 10:00 - 14:00
📍	FÀBRICA DE CREACIÓ FABRA I COATS Carrer de Sant Adrià, 20, 08030 Barcelona Sala 1 (Tercera Planta)
03/10/2018	<div>▲ FOLLOW</div> <div>0</div>
VIEW	

Other user cases

Participatory Budgeting, Collaborative Texts, General Assemblies

OmaStadi



Osallistu. Ideoi. Vaikuta.

Mikä on OmaStadi?

Tehdään yhdessä Helsingistä vaikuttavien tekojen ja ihmisten kaupunki. Helsingiläisenä osallistut vuosittain 4,4 miljoonan euron käyttämiseen kaupunkilaisten omien ideoiden toteuttamiseksi. OmaStadi-palvelussa teet kaupungistasi sen näköisen kuin olisit itse sen suunnitellut.

[Rekisteröidy >](#)



El espacio donde nos encontramos para decidir.

Plaza Pública es la plataforma de participación de la Ciudad de México donde la ciudadanía puede proponer, debatir, votar y decidir proyectos y disposiciones que afectan su vida en la ciudad.

Consultas

Vota en los temas puestos a consulta por parte del gobierno

[Ir a consultas](#)

Asambleas

Próximamente podrás involucrarte en un grupo de decisión temático.

[Ir a asambleas](#)

Iniciativas

Pronto podrás crear propuestas y firmas para mejorar la ciudad

[Ir a iniciativas](#)



Els processos participatius són un seguit de trobades delimitades en un temps concret per promoure el debat i el contrast d'arguments entre la ciutadania, o entre aquesta i les persones responsables municipals. ([Més informació](#))

PROCESSOS DESTACATS

Procés participatiu del Programa d'Actuació Municipal (PAM) 2020-2023

Aquest és el procés participatiu pel Programa d'Actuació Municipal (PAM) 2020-2023. El PAM és un dels principals instruments de planificació del mandat, ja que **estableix els eixos i línies de treball, els objectius i les principals actuacions del govern municipal** durant un període de quatre anys. D'altra banda, els **Programes d'Actuació de Districte (PAD)** estableixen les principals prioritats i línies de treball a desenvolupar en cadascun dels 10 districtes de Barcelona. L'equip de govern municipal ha elaborat una proposta inicial de PAM i de PADs. La ciutadania, a través d'aquest procés participatiu, pot complementar-ho ap...

[Més informació](#)

Pressupostos participatius de Barcelona

Aquest és el procés participatiu per decidir una part de les inversions municipals als districtes. Per primera vegada a Barcelona, es promouen uns **pressupostos participatius pel conjunt de la ciutat**. S'han reservat 75 milions d'euros del pressupost municipal perquè els veïns i les veïnes decideixin com volen invertir-los.

[Més informació](#)

Exercise

- Access to Table 2 Net medialab.github.io/table2net/
- Open the CSV of proposals [pam-proposals.csv](#)
- Choose a bipartite network
 - First type of nodes: author_name
 - Attributes: author_official
 - First type of nodes: district_name
 - Weight the edges

Explore the data (filter what is needed!) and the generated network with ForceAtlas2 layout with color by community detection (modularity) and size by PageRank