

# Tools for democratic participation and citizen empowerment



**Be informed and notified**  
on issues that matter to you



**Propose and draft**  
solutions and policy collaboratively



**Decide and vote**  
on solutions collectively



**Implement and reward**  
people while tracking progress

## Citizen notifications for town hall decision-making

Get notified on issues that are relevant to you, as and when political decision-making is taking place

[decisions.okf.fi](http://decisions.okf.fi)

## Collaborative Policy Making

Propose ideas, debate and collaborate with others on policy drafting and participatory budgeting

[objective8.dcentproject.eu](http://objective8.dcentproject.eu)  
[decide.madrid.es](http://decide.madrid.es)  
[decidim.barcelona](http://decidim.barcelona)  
[yrpri.org](http://yrpri.org)

## Blockchain Reward Scheme

Complementary currency toolkit

[freecoin.ch](http://freecoin.ch)

## Electronic Voting

Secure electronic voting system

[agoravoting.org](http://agoravoting.org)

## A federated architecture



**Own your data**  
privacy by design, give back control and ownership of data to citizens



**Open source and open standards**  
build and grow knowledge commons



**Open authentication and distributed identity management**  
grow an ecosystem of distributed and secure applications



**Blockchain trust**  
reward citizens for work done in a transparent and auditable manner

[tools.dcentproject.eu](http://tools.dcentproject.eu)



[dcentproject.eu](http://dcentproject.eu)



# Technologies for 21st century democracy

D-CENT (Decentralised Citizens ENgagement Technologies) is a Europe-wide project bringing together citizen-led organisations that have transformed democracy in the past years, and helping them in developing the next generation of open source, distributed, and privacy-aware tools for direct democracy and economic empowerment.

### Lean UX development: From users' needs into features

D-CENT is running large-scale pilots in Spain, Iceland, and Finland through Lean UX experimentation, leveraging existing network movements with a user-base of tens of thousands of people.

D-CENT builds on Europe's largest experiments in direct democracy – the Open Ministry crowdsourcing site linked into parliament in Finland; the e-democracy website Better Reykjavik in Iceland; Podemos, the bottom-up Spanish political movement, and the municipal citizen coalitions Barcelona en Comú and Ahora Madrid.

D-CENT will grow longer-term alternatives to today's highly centralised platforms and power structures and promote the development of knowledge, digital infrastructures and data for the common good.

### What does D-CENT do?

The D-CENT tools enable citizens to be informed and get real-time notifications about issues that matter to them; propose and draft solutions and policy collaboratively; decide and vote on solutions and collective municipal budgeting; and finally implement and reward people with blockchain reward schemes.



Propose a policy idea



Debate options



Draft and scrutinise options



Vote and make collective decision



Implement decisions and run transparent reward schemes

# Why you should use D-CENT?

D-CENT tools form a federated architecture based on open standards, open APIs and a shared identity system to allow for the growth of an eco-system of modular, interoperable and decentralised tools.



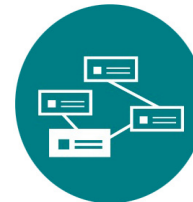
### Own your data

to say no to surveillance and give back citizens control and ownership of data



### Open source and open standards

to build and grow knowledge commons



### Open authentication and distributed identity management

to grow an open source eco-system of citizen engagement tools



### Blockchain trust

to let people run reward schemes that are transparent and auditable



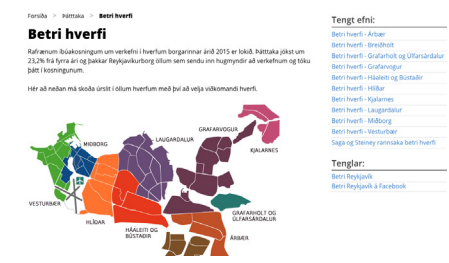


## Large-scale Democracy Pilots

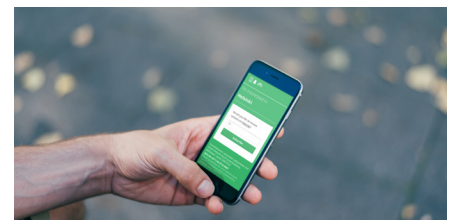
**Barcelona**  
 Digital platform for participation of the City of Barcelona. It is a tool to build a democratic, open and transparent city by enhancing citizen participation in the definition and development of policies.  
[decidim.barcelona](http://decidim.barcelona)



**Reykjavik**  
 Participatory budgeting platform for the city of Reykjavik. The platform is a development from the Betri Reykjavik prioritisation and participation platform allowing citizens to submit ideas on how to spend a part of the city budget in their neighborhood.  
[reykjavik.is/betrihverfi](http://reykjavik.is/betrihverfi)



**Helsinki**  
 Notifications of municipal policy decisions. Using the municipal open API on town hall agendas, service allows citizens to sign up to be notified when decisions are made about issues that are of interest or concern to them.  
[decisions.okf.fi](http://decisions.okf.fi)



**Madrid**  
 Open consultation and direct democracy platform launched by the city of Madrid after the recent municipal elections. Enables citizens to propose, debate, prioritise and implement policy for the city.  
[decide.madrid.es](http://decide.madrid.es)



## Digital tools for Democracy

D-CENT allows people to discuss and share content, engage in mass scale deliberation, collaborative policy making, and voting.

**Blockchain reward and trust scheme**  
**Freecoin.ch** is a set of tools to let people run reward schemes that are transparent and auditable.

The tools form a federated and distributed architecture. They can be combined in many ways to support democratic processes.

**Secure notifications engine**  
 A tool called **Mooncake** that securely notifies an organisation's members of events and activity in its D-CENT ecosystem.

**Collaborative policy making**  
**Objective8** helps to propose ideas and collaborate on policy drafting.

**Common open authentication**  
 An open authentication and identity management tool called **Stonecutter**, which provides a single sign on for using the D-CENT tools and applications.

**Electronic Voting**  
**Agora Voting** offers auditable, transparent and fully verifiable electronic elections.

# Collaborative policy making for democratic organisations.

Gather community opinion, generate ideas, share, discuss, vote and collaborate with experts to draft new policy.





## Awards and exhibitions

### Prix Ars Electronica

The **Prix Ars Electronica** is one of the most important yearly prizes in the field of electronic and interactive art, computer animation, digital culture and music. In 2016, D-CENT was awarded with an Honorary mention in Digital communities category.

### ISOC Internet Awards

The Internet Society in Netherlands nominated D-CENT Freecoin among ten the most innovative and interesting initiatives to receive the **Internet Innovation Award 2016**.

### Big Bang Data

D-CENT was showcased at Somerset house in London. The **Big Bang Data exhibition** explored datafication through the work of artists, designers, journalists and visionaries.

### ICT2015

EU's biggest digital research event attracted more than 7000 ICT professionals. D-CENT showcased its tools in the exhibition area among 100 best-in-class results of European ICT Research & Innovation projects.

### Part of the EU CAPS initiative

D-CENT is part of a larger set of **Collective Awareness Platforms for Sustainability and Social Innovation** programme launched by the European Commission with over 60ML euros.

CAPS aims at designing and piloting online platforms creating awareness of sustainability problems and offering collaborative solutions to enable new forms of social innovation.



### Multidisciplinary research

An integrated techno-socio-economic analysis has been carried out on network models of emerging social movements, new economic models based on knowledge commons, alternatives to data marketplaces, distributed architectures, new models for citizen control of personal and social data, privacy and security by design.

The Centre d'économie de la Sorbonne, Dyne, and Nesta investigated the experiences of complementary currencies at the light of the Bitcoin revolution. As a result, D-CENT developed a **complementary currency toolkit** to manage community trust, reputation, and provide a blockchain reward scheme that is auditable and transparent.

D-CENT has contributed actively to the development of open social web standards, an open standardization effort led by the W3C.

All research reports are available at [dcentproject.eu/resources](http://dcentproject.eu/resources).

### Participate

D-CENT tools have shown to be very successful and are now mature to be adopted by many other cities, democratic organisations, parties and parliaments around the world.

We call for open source developers, hackers, social movements, democracy activists and democratic organisations to learn about D-CENT and participate to keep growing the community.

[dcentproject.eu](http://dcentproject.eu)  
[tools.dcentproject.eu](http://tools.dcentproject.eu)  
[github.com/D-CENT](https://github.com/D-CENT)



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[dcentproject.eu](http://dcentproject.eu)

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