

The DSI Manifesto

*Stavroula Maglavera, UTH
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INSCI 2017*



CAPSSI

Collective awareness platforms
for sustainability &
social innovation

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The DSI Manifesto Initiative



To set priorities and ensure impact of Digital Social Innovation Initiatives in Europe

- To give a stronger voice to DSI communities in Europe
- To raise public and political awareness of DSI and its impact
- To network diverse activities and share best practices
- To create an instrument to advocate and grow DSI efforts
- A draft has been put together (updated several times)
- An online consultation organised
- Interviews with key stakeholders
- Endorsement process in on-going

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The DSI Manifesto



The Key Points of the DSI Manifesto

1. Openness and transparency
2. Democracy and decentralization
3. Experimentation and adoption
4. Digital Skills and Multi-Disciplinarity
5. Sustainability



Openness and transparency



- **Promote *Open Data* approaches** (innovative ways of opening up, capturing, sharing, using, analyzing and interpreting open data), and ensure transparency of the algorithms used by platforms with high social value.
- **Sustain *Open Knowledge*** (communities supported by online platforms that collectively analyse data, develop and analyse new types of knowledge or crowdfund social projects).
- **Mandate use and reuse of existing *Open-Source*** (and possibly *free of charge*) software in national and EU funding streams. **Encourage development and adoption of *Open Hardware*** (hardware which people can adapt, hack and shape into tools for social change with no legal limitation).

Democracy and decentralisation



- **Promote citizens' awareness and political attention** towards these new forms of innovation of commons and citizen engagement and to the risks (privacy, monitoring) entailed by centralized solutions (including dominant social networks, clouds, and AI systems).
- **Accelerate projects which aim at integrating digital tools into every aspect of democracy**, from campaigns and proposals to policy design, spending and scrutiny - and encourage leadership from municipalities, parliaments, political parties, whether through funding, advocacy or convening.
- **Analyze, compare and give broader visibility** (for further replicability) to the open democracy and participatory budgeting practices implemented by several European cities.

Experimentation and adoption



- ***Bring together*** existing communities of citizens with entrepreneurs, social innovators and institutions, to assess the real effectiveness of DSI solutions and align regulation, law, technology and user needs in order to eliminate barriers to innovation and to inclusion (without discrimination based on age, gender, cultural background, disabilities and sexual orientation).
- ***Set technological priorities*** of public research programmes as the most effective to cope with societal challenges: low-cost or collaboration potential may be more important than sheer performance.
- ***Make sure that EU and public institutions are the first ones to test and adopt DSI approaches.*** Use new participatory models to engage citizens in everyday life, in their localities.

Digital skills and multi-disciplinarity



- ***Incentives for multi-disciplinarity:*** novel approaches and support are sought to fostering collaboration between the tech community, social scientists and civil society organisations.
- ***Promote a much broader base*** of digital skills among citizens, and women in particular, NGOs and other community organisations, to enable them to get advantage of digital technologies – and contribute to their development into social directions. This includes critical thinking and language skills, which are crucial for media and digital literacy.
- ***Information technologies and coding skills,*** as well as a broad multidisciplinary understanding of Internet governance, should be part of the core curricula both in schools and universities – which requires massive training for teachers as well.

Sustainability



- **Governance:** Redefine the governance rules for public research programmes, assigning a leading role to social innovators (such as makers, start-ups, researchers, social enterprises, civil society associations and NGOs) rather than to large and established companies with powerful lobbies.
- **Methodology:** structure funding to fit the distinct stages of innovation - from early stage design to incubation and acceleration and then through to scaling up. Define and experiment new sustainability models for DSI (e.g. leveraging on crowdfunding and CSR programmes).
- **Additional sources:** leverage public sector procurement opening it up to the above-mentioned civil society actors and sustainability areas. Increase access to alternative sources of finance and cross-border crowdfunding.

The current version



Introduction

The unprecedented hyper connectivity enabled by digital technologies and the Internet are rapidly changing the opportunities we have to address some of the society's biggest challenges: environmental preservation, reducing inequalities, fostering inclusion and putting in place sustainable economic models.

However, to make the most of these opportunities we need to move away from the current centralization of power by a small number of large tech companies and enable a much broader group of people and organisations to develop and share innovative digital solutions.

Across Europe, a growing movement of people is exploring opportunities for Digital Social Innovation (DSI), developing bottom-up solutions leveraging on participation, collaboration, decentralization, openness, and multi-disciplinarity. However, it is still at a relatively small scale, because of the little public and private investment in DSI, the limited experience in large-scale take-up of collective solutions, and the relative lack of skills of DSI actors (civil society) compared to commercial companies.

This Manifesto aims at fostering civic participation into democratic and social processes, increasing societal resilience and mutual trust as core element of the Digital Society. It provides recommendations for policy makers, to drive the development of the European Digital Single Market to fulfill first and foremost societal and sustainability challenges (rather than short-lived economic interests), with the help and engagement of all citizens.

This Manifesto reflects the views of a broad community of innovators, catalyzed by a publicly funded project*. As such, it is open to incorporating incoming views and opinions from other stakeholders and it does not intend to promote the specific commercial interests of actors of any kind.

THE KEY POINTS



1. Openness and transparency

To realize the full potentiality of collaborative solutions based on hyperconnectivity, it is imperative avoiding that citizens of the digital world are locked into proprietary solutions, and guaranteeing access and a level playground for fair competition to actors of any size. EU and national public institutions should enforce laws and promote programmes that make data and digital platforms open and broadly accessible:

- **Promote Open Data approaches** (innovative ways of opening up, capturing, sharing, using, analyzing and interpreting open data), and ensure transparency of the algorithms used by platforms with high social value.
- **Sustain Open Knowledge** (communities supported by online platforms that collectively analyse data, develop and analyse new types of knowledge or crowdfunding social projects).
- **Mandate use and reuse of existing Open-Source** (and possibly free of charge) software in national and EU funding streams. Encourage development and adoption of *Open Hardware* (hardware which people can adapt, hack and shape into tools for social change with no legal limitation).



2. Democracy and decentralization

The decentralized Internet has insofar been a powerful support for democracy and participation in every part of the world. DSI solutions can effectively be harnessed for elections, consultations, deliberations, policy making. And, even in a world dominated by a few de facto Internet monopolies, DSI can inspire new decentralized models for the governance of personal data, ensuring citizens' sovereignty over their digital life and providing them with a broader choice of solutions, which is a basic need for advanced democracies.

- **Promote citizens' awareness and political attention** towards these new forms of innovation, the creation of new commons, citizen engagement, and to the risks (privacy, monitoring) entailed by centralized solutions (including dominant social networks, clouds, and AI systems).
- **Accelerate projects which aim at integrating digital tools into every aspect of democracy**, from campaigns and proposals to policy design, spending and scrutiny - and encourage leadership from municipalities, parliaments, political parties, whether through funding, advocacy or convening.
- **Analyze, compare and give broader visibility** (for further replicability) to the open democracy and participatory budgeting practices implemented by several European cities.



3. Experimentation and adoption

Developing and assessing the viability of new techno-social models need large-scale testing and experimentation in real situations. EU and national funding streams should promote pilots, rooted into actual communities, that can explore emerging solutions and demonstrate the long-term potential of DSI, for example in healthcare, democracy, making, environment, energy, or new economic models (such as the sharing economy).

- **Bring together existing communities of citizens with entrepreneurs, social innovators and institutions**, to assess the real effectiveness of DSI solutions and align regulation, law, technology and user needs in order to eliminate barriers to innovation and to inclusion (without discrimination based on age, gender, cultural background, disabilities and sexual orientation).
- **Set technological priorities** of public research programmes as the most effective to cope with societal challenges: low-cost or collaboration potential may be more important than sheer performance.
- **Make sure that EU and public institutions are the first ones to test and adopt DSI approaches**. Use new participatory models to engage citizens in everyday life, in their localities.



4. Digital skills and multi-disciplinarity

One of the biggest barriers to making the most of DSI is the significant gap in the skills and capacity to experiment with and develop new digital social innovations. The development of easy-to-use and effective solutions requires a complex combination of expertise from disparate different technological and social domains, which is not provided by the traditional education systems.

- **Incentives for multi-disciplinarity**: novel approaches and support are sought to fostering collaboration between the tech community, social scientists and civil society organisations.
- **Promote a much broader base** of digital skills among citizens, and women in particular, NGOs and other community organisations, to enable them to get advantage of digital technologies – and contribute to their development into social directions. This includes critical thinking and language skills, which are crucial for media and digital literacy.
- **Information technologies and coding skills**, as well as a broad multidisciplinary understanding of Internet governance, should be part of the core curricula both in schools and universities – which requires massive training for teachers as well. This will also ensure better access for, and engagement of women.



5. Sustainability

The sustainability of new approaches to solving societal challenges cannot rely only on commercial mechanisms or voluntary participation. It is of essence to ensure that funding for innovation in the digital society - whether at EU, national, regional or city level - reaches the actors and areas with most potential for societal benefits:

- **Governance**: Redefine the governance rules for public research programmes, assigning a leading role to social innovators (such as makers, start-ups, researchers, social enterprises, civil society associations and NGOs) rather than to large and established companies with powerful lobbies.
- **Methodology**: structure funding to fit the distinct stages of innovation - from early stage design to incubation and acceleration and then through to scaling up. Define and experiment new sustainability models for DSI (e.g. leveraging on crowdfunding and CSR programmes).
- **Additional sources**: Leverage public sector procurement opening it up to the above-mentioned civil society actors and sustainability areas. Increase access to alternative sources of finance and cross-border crowdfunding.



www.dsimanifesto.eu



* ChIC < <https://capssi.eu/caps-projects/chic> > is an accompanying measure to create high impact for collective awareness platforms funded by the European Commission, under Grant Agreement No. 687686.

DSI Manifesto Workshop

THE KEY POINTS FOR THE MANIFESTO

1. Financial support

Ensure that funding for innovation in the digital society – whether at EU, national, regional or city level – reaches the actors and areas with most potential for societal benefits.

Government: redirect the government role in public research and innovation, assigning a leading role to social innovators such as startups, start-ups, researchers, social enterprises, civil society associations and NGOs closer than to large and established companies with powerful agendas.

Methodology: structure funding to the distinct stages of innovation – from early stage design to incubation and commercialisation through to scale-up.

Additional sources: leverage public sector procurement by opening it up to the above-mentioned civil society actors and sustainability areas. Increase access to alternative sources of finance and cross border crowdfunding.

2. Experiment

Challenge EU and national funding streams to promote pilots that can explore emerging solutions and demonstrate the long term potential of DSI based on the examples of the program CAPSI. Explore new models for sustainability and social innovation for examples in healthcare, democracy making, environment, energy, or new economic models such as the sharing economy.

Bring together: creating communities of citizens with entrepreneurs, social innovators and institutions, to address the challenges of DSI solutions and their regulatory, law, technology and user needs in order to overcome barriers to innovation.

Set technological priorities: public research programmes as the most effective way to cope with societal challenges. The cost of collaboration potential may be more important than their performance.

Public adoption: make sure that EU and public institutions are the first ones to test and adopt DSI approaches.

3. Digital skills and multi-disciplinarity

One of the biggest barriers to making the most of DSI is the significant gap in the skills and capacity to experiment with and develop new digital social innovations. The development of digital skills is not only a matter of technical skills, but also of a holistic combination of digital skills with different technological and social domains, which is not provided by the traditional education systems.

Promote digital skills: among citizens, NGOs and other community organisations, to enable them to take advantage of digital technologies and contribute to their development and social interactions.

More ICT curricula: information technologies and coding skills, as well as a broad multidisciplinary approach of internet programming and computer science, should be taught in schools and universities – which requires innovative teaching for teachers as well.

Encourage cross-sectoral multi-disciplinarity: and cooperation among thought leaders in their collaboration between the both community, social sciences and civil society organisations (such as the presence of multiple disciplines) is central to be funded by public programmes, such as CAPSI.

4. Democracy and decentralization

The decentralized internet has fostered a powerful support for democracy and participation in every part of the world. DSI solutions can effectively be fostered for electronic consultations, deliberations and policy making. Given its world demonstrated by a free and fully internet-mediated, DSI can explore new decentralized modes for the management of personal data, financial flows, or energy and other digital services, as well as providing them with a robust structure of solutions, which is a basic need for advanced democracies.

Accelerate democracy projects: which aim at integrating digital into every corner of democracy, from campaigns and proposals to policy design, spending and scrutiny, and encourage leadership from municipalities, parliaments, political parties, whether through funding, advice or mentoring.

Showcase open democracy: analyse, compare and give broader visibility (for further replicability) to the open democracy and participatory budgeting practices implemented by several European cities.

Promote citizens and political awareness: civil political attention towards these new forms of citizen engagement and to the methodology, mentoring enabled by connected solutions.

5. Openness

Up to the above-mentioned civil society actors and sustainability areas. Increase access to alternative sources of finance and cross border crowdfunding.

Maximize awareness: and visibility of the digital world are linked into proprietary solutions and guaranteeing access and a level playground for fair competition to actors of any size is essential for realizing the full potential of collaborative solutions. To use national public institutions about promoting laws and programmes that make data and digital platforms open as default.

Promote open data: approaches (innovative ways of opening up, capturing, sharing, using, analyzing and interpreting data).

Sustain open knowledge: communities supported by online platforms that collectively analyze, develop and analyse new types of knowledge or crowd/fund social projects.

WORKSHOP AGENDA

09h30 - 09h35 Registration and welcome coffee

09h35 - 10h30 Welcome & agenda
 - Monique Cabell, Director of Market, CIVIC Project Coordinator
 - Aneta Cizova, Mayor of Bratislava
 - Simon Mariani, Co-ordinator of Pilsudski
 - Introduction to the CAPSI manifesto workshop
 - Saraiva Magalhães, Secretary of Ministry of Civic Project

10h30 - 12h00 Innovation for the digital society: supporting citizens engagement
 - To policy in support of citizen engagement: how to implement social change
 - Leticia Anísio, Programme Officer, DSI, CIVIC Communication Research, Central and Technology
 - Social Impact and a new generation of technology-intensive social ventures
 - Nicola Calamia, Professor, School of Management, Politecnico University of Milan
 - Innovation, social innovation and digital innovation: what's the link?
 - Laura Sironi, Associate Professor, Department of Political and Social Studies, Bologna University
 - Innovation and empowerment: a two sides of the same coin
 - Gillian Triggs, Professor of Creative and Digital Economy, University of Westminster, London
 - Democracy and engagement: transparency: the experience of the municipality of Milan
 - Introduction in regulatory framework, experimentation in participatory practice
 - Lorenzo Caputo, Coordinator for Innovation and Open Data, Italian Ministry
 - Innovation and participation: experiences in Rimini
 - Eugenio Fiaschi, Civic Coordinator for digital innovation, Rimini Municipality

Continues on next page.

WORKSHOP AGENDA

Continues from previous page.

12h00 - 12h45 Statements from digital social innovators: what is needed to make an impact
 - Manifesto Issues from DSI4EU
 - Peter Beck, Head of Collaborative Economy Research at Nesta, DSI4EU Project
 - Making good our future: Insights from Project Optimizer
 - Francesco Carlini, Director of Public Innovation, Open Access Project
 - Net-diversity Policies that promote an organic instead of an algorithmically modified internet
 - Francesco Marchionni, European Network, DSI4EU Project

12h45 - 12h55 Lunch

12h55 - 1h30 Round-table sessions - Primary presentation of the Manifesto followed by working groups

- **Group session 1:** From the internet of things to the Internet of Communities
 Moderated by Francesco Carlini, Politecnico, Open Access Project
- **Group session 2:** Internet of things: from the Internet of things to the Internet of Communities
 Moderated by Francesco Carlini, Politecnico, Open Access Project
- **Group session 3:** Internet of things: from the Internet of things to the Internet of Communities
 Moderated by Francesco Carlini, Politecnico, Open Access Project
- **Group session 4:** Internet of things: from the Internet of things to the Internet of Communities
 Moderated by Francesco Carlini, Politecnico, Open Access Project
- **Group session 5:** Internet of things: from the Internet of things to the Internet of Communities
 Moderated by Francesco Carlini, Politecnico, Open Access Project

1h30 - 1h45 Statements from digital social innovators: what is needed to make an impact
 Representatives of the CAPSI EU funded projects and relevant DSI initiatives will jump on stage for a brief but impactful presentation to outline their projects objectives and achievements. They will share what are the needs for real impact of digital social innovation efforts in Europe and beyond.

1h45 - 1h55 Towards the DSI manifesto declaration: report from round tables
 The round table leaders will be asked on the stage to present their ideas to the Manifesto.
 Moderated by Aneta Cizova, Mayor of Bratislava, Partner of 7th Ecosystem, CIVIC Project

1h55 - 1h30 Digital social innovation in Rimini
 - Luca Bernardini, City of Rimini
 - Elvira Valsania, President of Rimini
 - Giulia Bubbico, City of Rimini
 - Annalisa Squitieri, F.I.C.A.
 - Carlo Crivelli, Mayor

1h30 - 1h35 Poster presentation & sign-up of the Manifesto
 - Saraiva Magalhães, University of Twente, CIVIC Project

1h35 - 1h45 Closure & next appointments
 - Monique Cabell, Director and Partner of Market Institute, CIVIC Project Coordinator

1h30 Social event
 Cocktail dinner on the beach at La Battaglia (www.battaglia.it)

DSI manifesto

DIGITAL SOCIAL INNOVATION MANIFESTO CONSULTATION

23 May 2017

INNOVATION FOR CLUSIVE DIGITAL SOCIETY

RSAY AND PARTICIPE NOW!

#DSIMANIFESTO

154 REGISTERED PEOPLE

16 COUNTRIES

25 SPEAKERS

4 WORKSHOP

2,600 TWEETS

248,000 IMPRESSIONS

The urbanised hyperconnectivity enabled by digital technologies and the internet are rapidly changing the opportunities we have to address some of the biggest societal challenges: environmental preservation, reducing inequalities, fostering inclusion, and putting in place sustainable economic models.

However, to make the most of this opportunity we need to move away from the current centralisation of power by a small number of large tech companies and enable a much broader group of people and organisations to develop and share innovative digital solutions.

Across Europe, a growing movement of people is exploring opportunities for Digital Social Innovation (DSI), developing bottom-up solutions leveraging on participation, collaboration, decentralization, openness and multi-disciplinary approaches. However, it is still at a relatively small scale due to little public and private investment in DSI, the limited experience in large scale take-up of collective solutions, and the relative lack of skills of DSI actors (not society) compared to commercial companies.

This Manifesto aims at fostering civic participation into democratic and social processes, increasing societal resilience and mutual trust as core elements of the Digital Society. It provides recommendations for policy makers, to drive the development of the European Digital Single Market to fulfil first and foremost societal and sustainability challenges (rather than short-lived economic interests) with the help and engagement of its citizens.

INTERACTIVE PARTICIPATORY MANIFESTO WALL

800 BRICKS

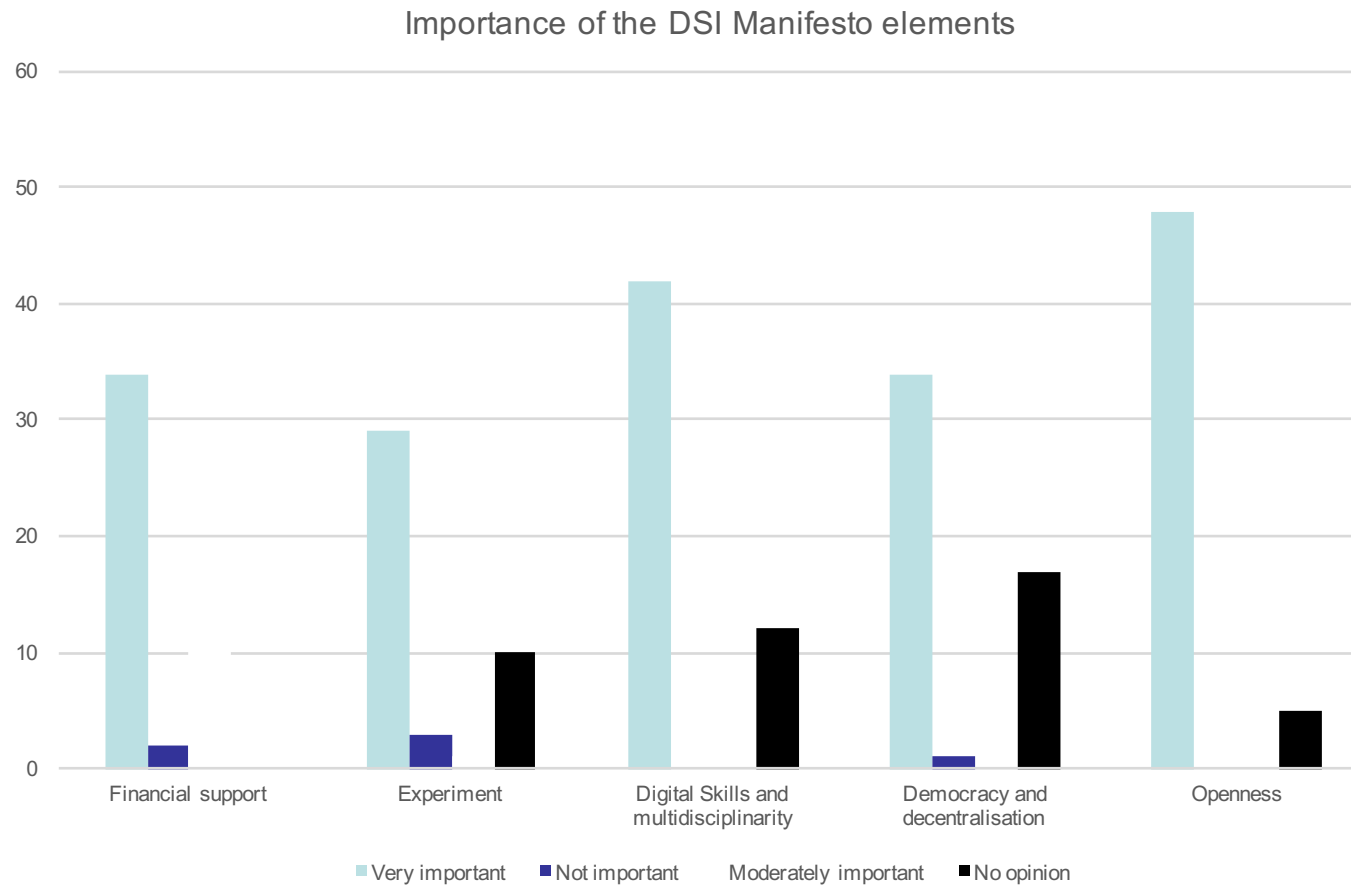
80 CONTRIBUTORS

200 HANDS

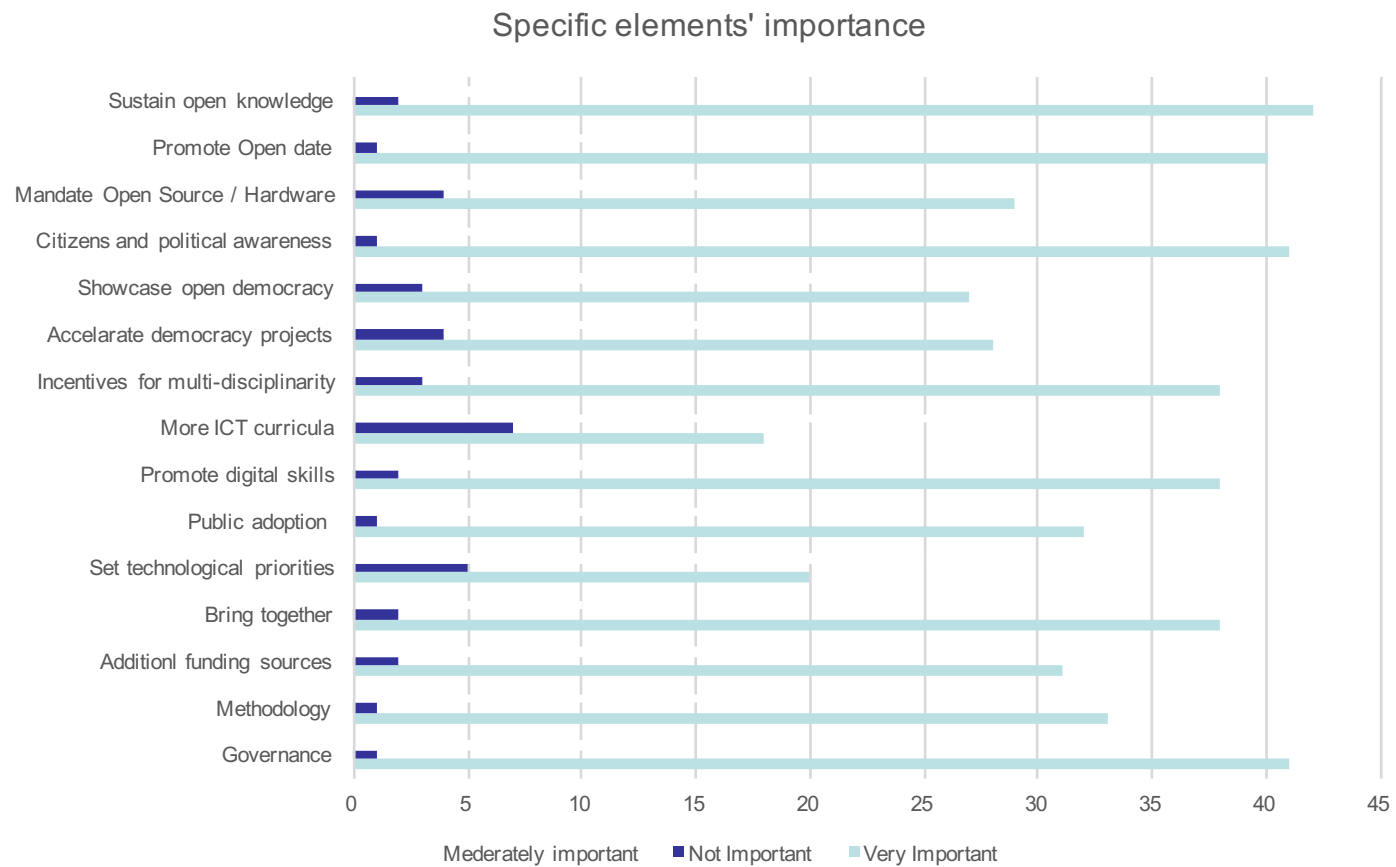
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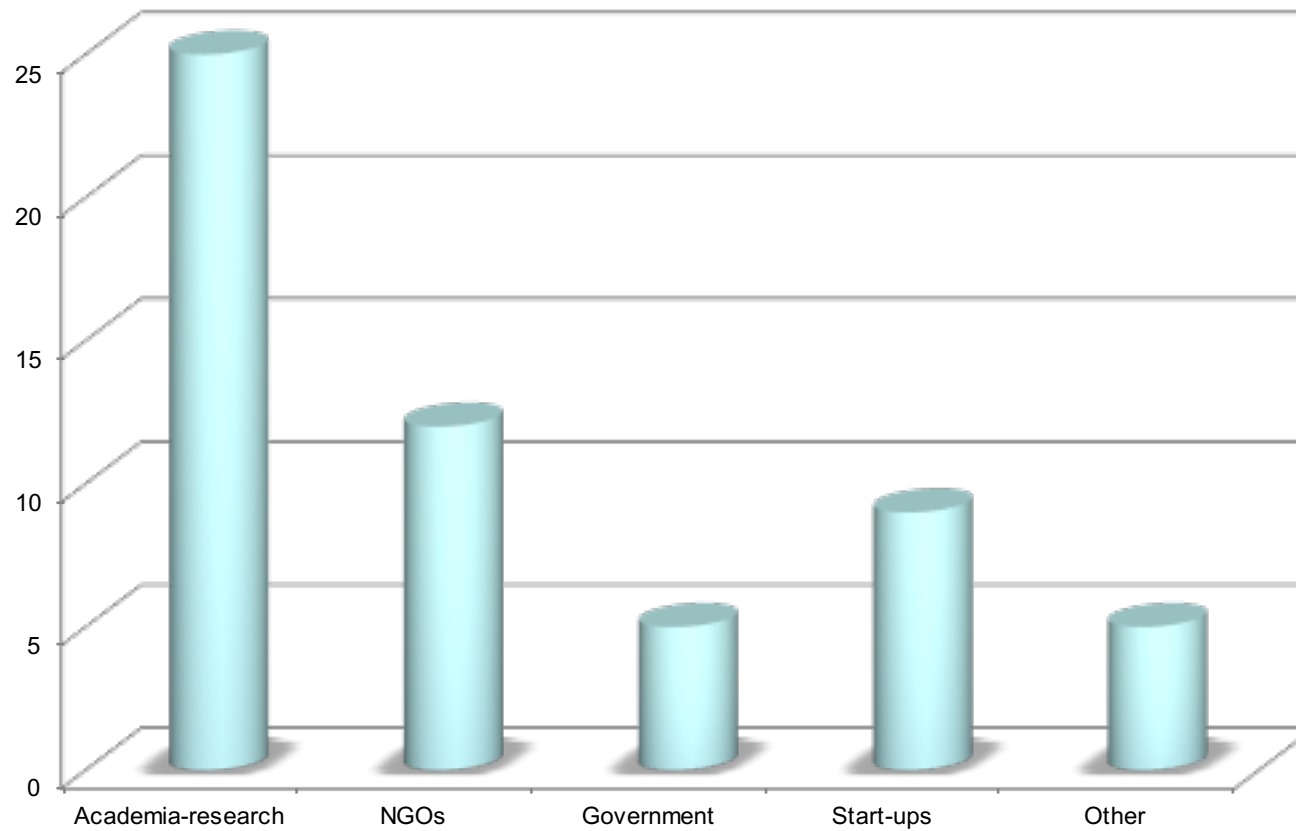
Results of the open consultation, interviews and policy workshop: Importance of DSI Manifesto elements



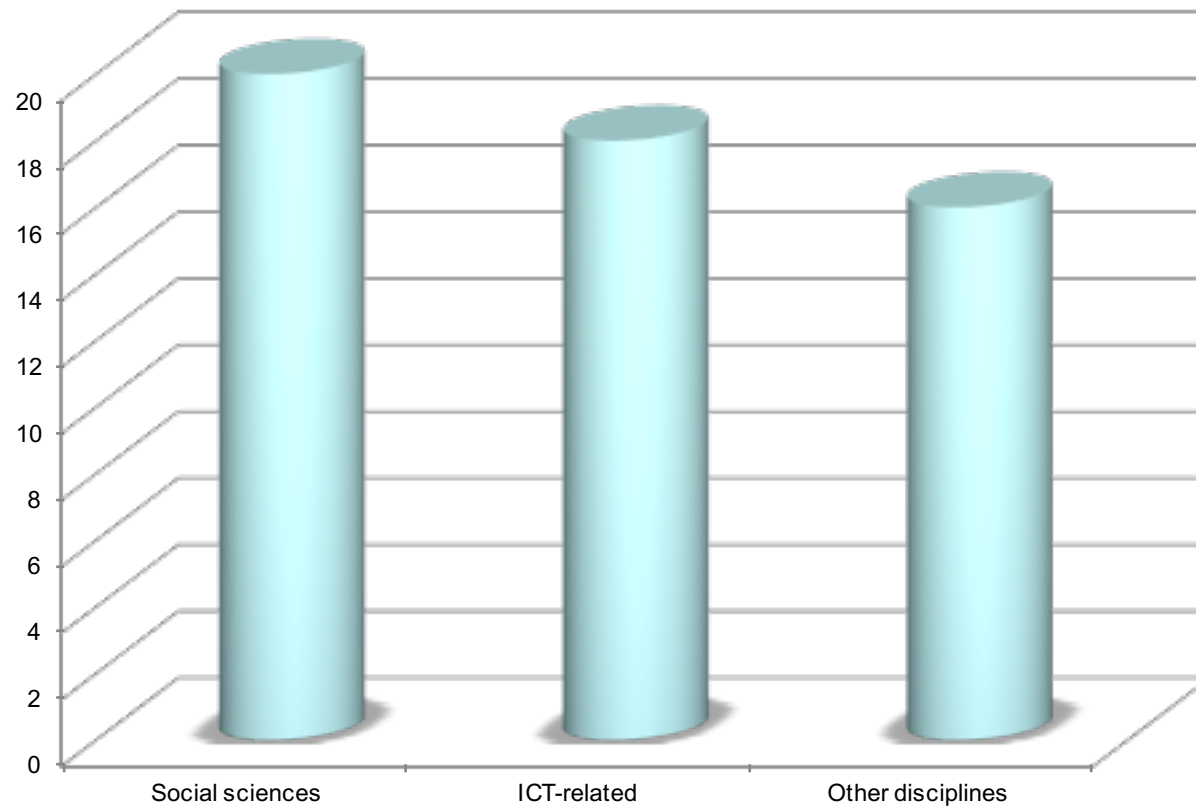
Results of the open consultation, interviews and policy workshop: elements' importance



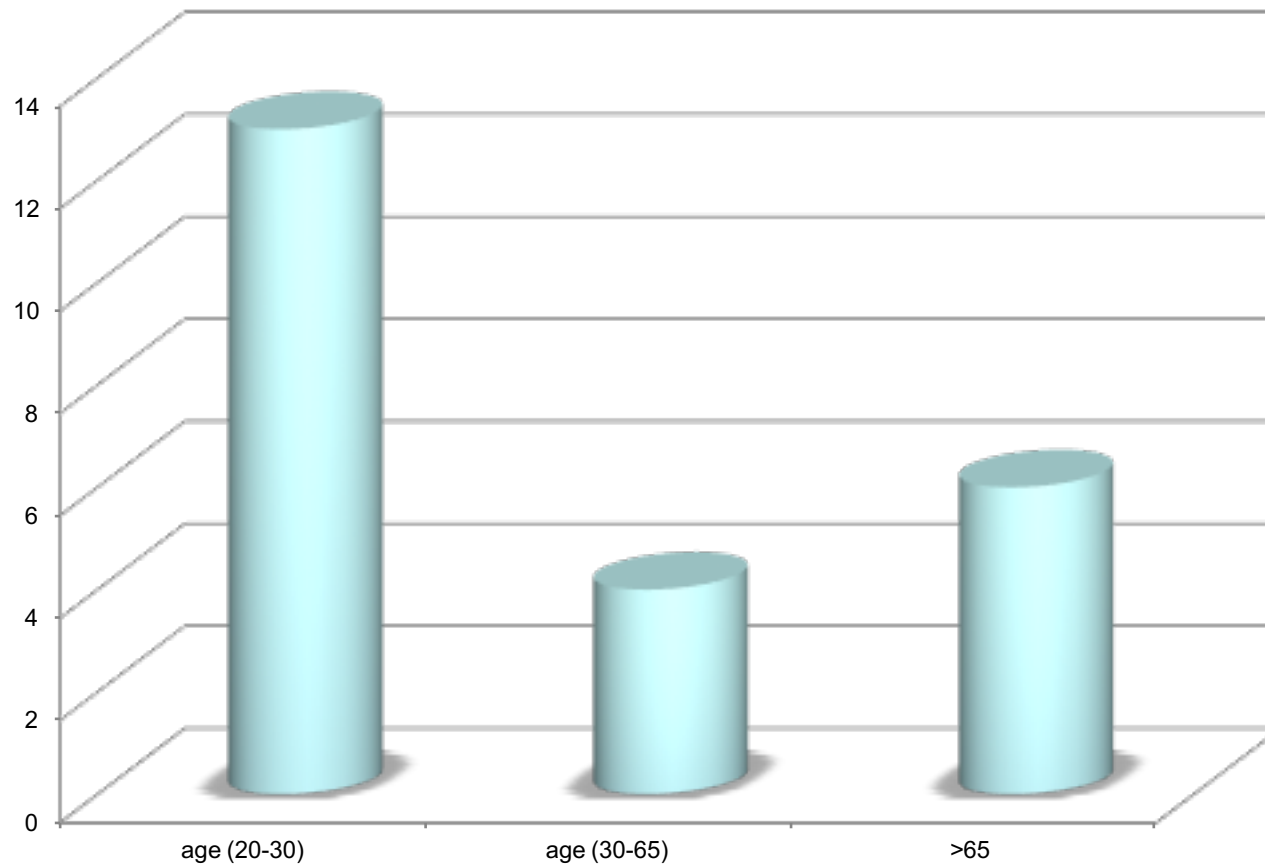
Statistics of the open consultation: Area of work



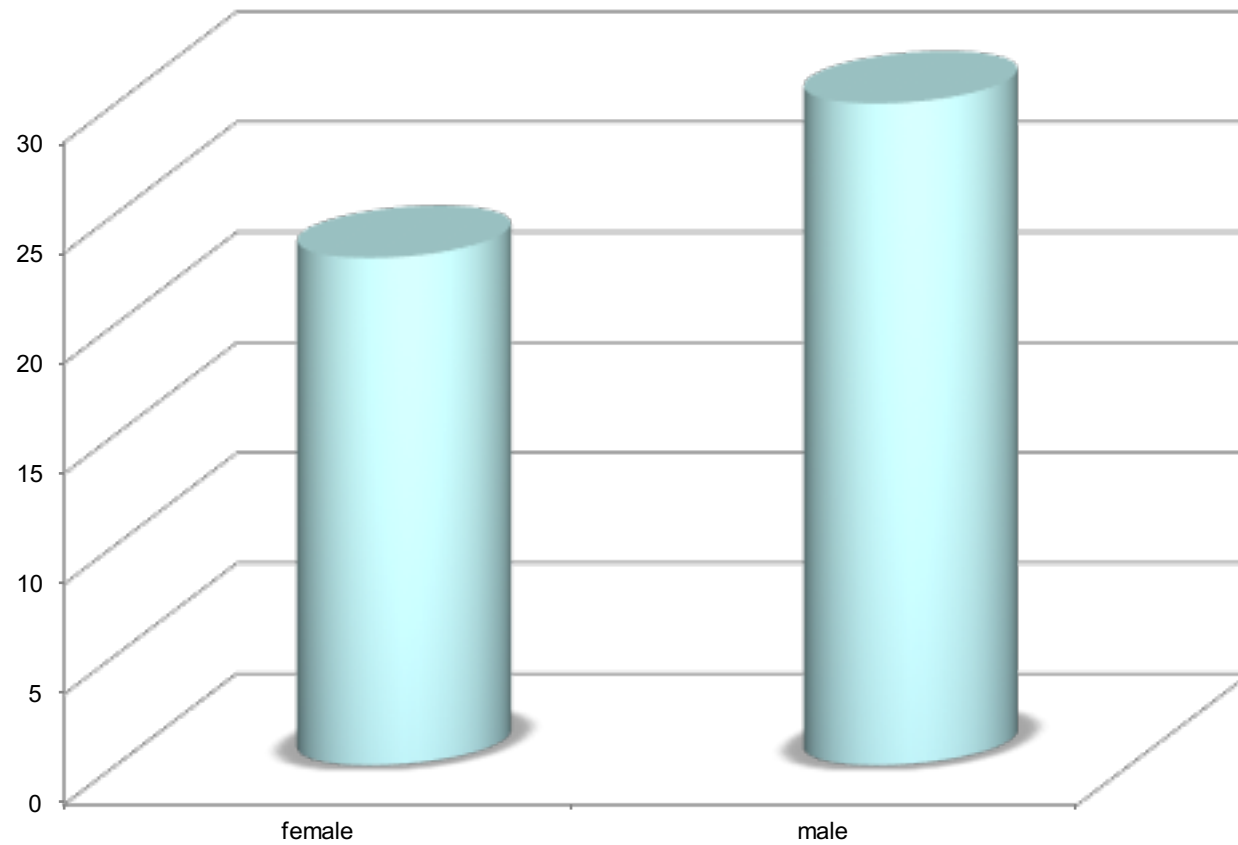
Statistics of the open consultation: specific area of activity



Statistics of the open consultation: age grouping



Statistics of the open consultation: gender



The DSI Manifesto endorsement

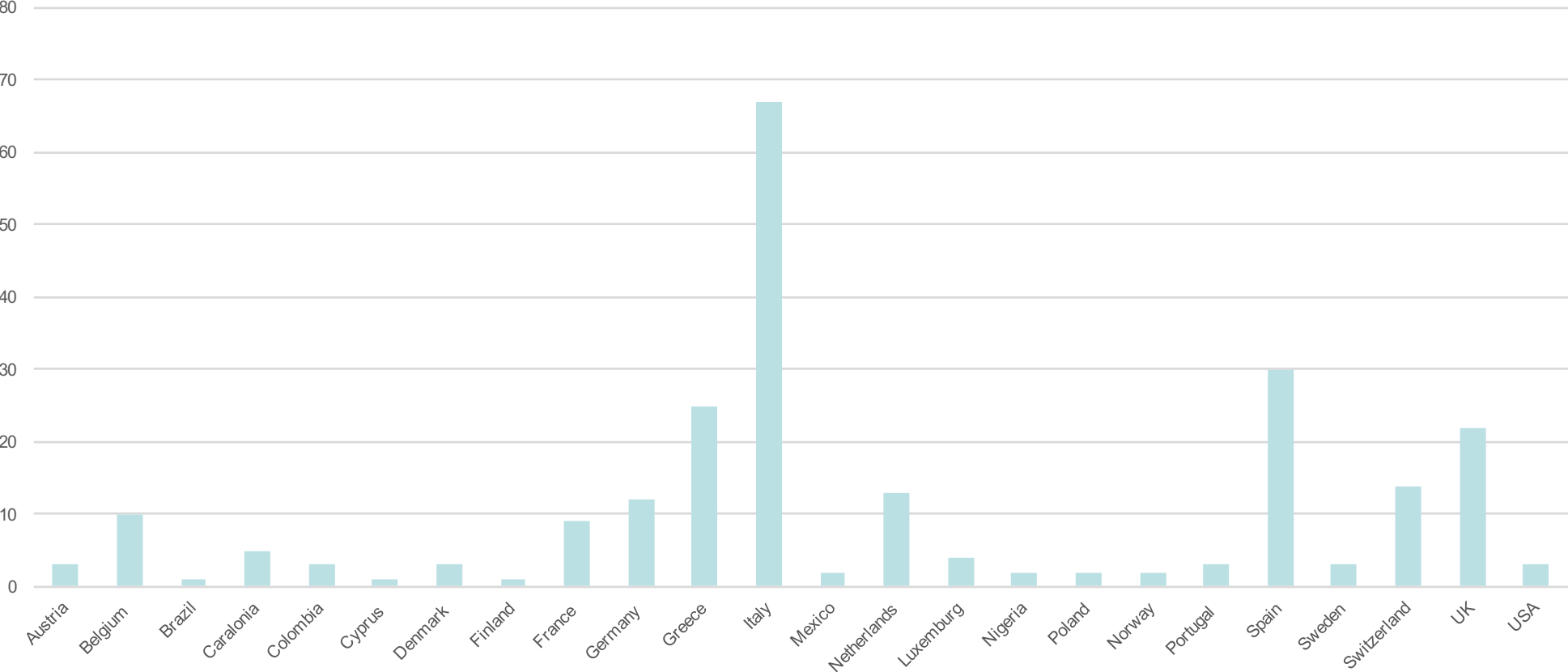


- Endorsement of the DSI Manifesto organised at:
 - <https://www.dsimanifesto.eu/endorsement/>
- Stakeholders are invited to endorse the Manifesto on a personal level
- Endorsement campaign started last September
- **244 persons endorsed the DSI Manifesto**

Endorsements per country



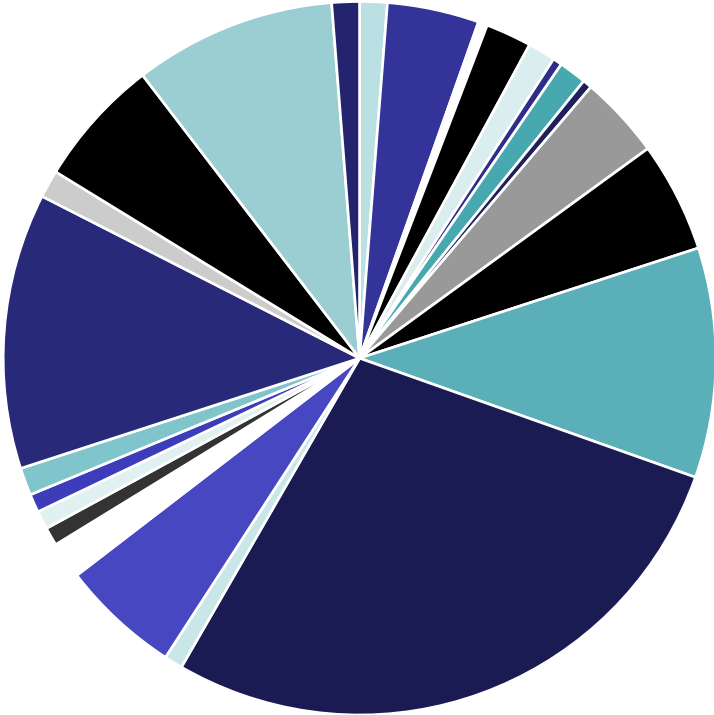
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Endorsements per country



endorsements/country



- Austria
- Belgium
- Brazil
- Caralonia
- Colombia
- Cyprus
- Denmark
- Finland
- France
- Germany
- Greece
- Italy
- Mexico
- Netherlands
- Luxemburg
- Nigeria
- Poland
- Norway
- Portugal
- Spain
- Sweden
- Switzerland
- UK
- USA

Interesting facts

- Endorsed by one Member of the European Parliament
- Endorsed from people coming from USA, Brazil, Colombia, Mexico, Nigeria, etc
- Endorsed from academia, research, companies, NGO, Governmental organisations, etc

DSI
manifesto

I ENDORSE THE
DIGITAL SOCIAL INNOVATION
MANIFESTO

dsimanifesto.eu/endorsement

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Participate now!



The DSI Manifesto: Future steps



1. **Further promotion of the endorsement** and invitation to participate
2. **Publication of the DSI Manifesto** in well-known newspapers and web-sites
3. **Presentation in different relevant conferences and events**, such as INSCI 2017, Opening a new ERA on Social Innovation (Lisbon, Nov 2017), Connected technologies for social goods (Feb 2018, Brussels), etc.
4. **Extending the collaboration** with other relevant stakeholders and initiatives

Thank you for your attention



Collective awareness platforms
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social innovation



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