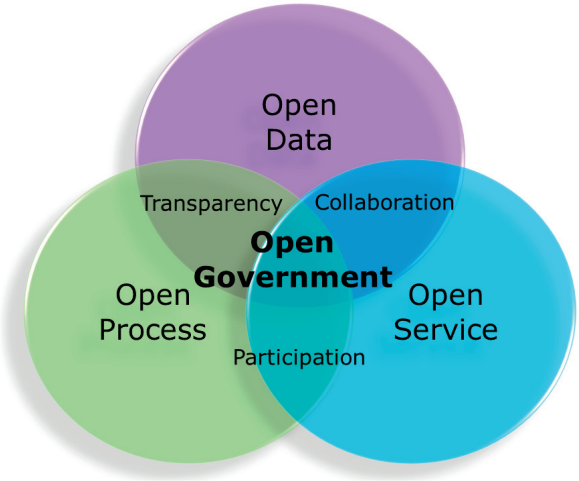
European Commission

ICT-enabled public sector innovation in H2020

Public sector modernisation has been supported for well over a decade; in particular through eGovernment. A lot of good results have been achieved by putting public services on-line and Member States have also demonstrated their commitment to cross-border interoperability by taking part in one or several Large Scale Pilots.

However, the new challenges posed by the evolution of society and the financial crisis have created renewed momentum for the modernisation of public sector. In order to meet these new demands and increasing expectations, public administrations need to be transformed. **ICT-enabled public sector innovation** is needed to create and implement new and improved processes, products, services and methods of delivery in the public sector.

The **open government** approach can facilitate this transformation. This paradigm is driven by opening up public data and services and facilitating collaboration for the design, production and delivery of public services. It is also about making government processes and decisions open, in order to foster citizen participation and engagement.



Horizon 2020, the new EU framework programme for research and innovation, will continue to support ICT-enabled public sector innovation in Europe in a number of ways.

Read the Vision Paper

ec.europa.eu/digital-agenda/en/news/vision-public-services

Follow the EC websites

ec.europa.eu/research/horizon2020
ec.europa.eu/research/participants/portal/desktop/en/home.html
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HORIZON 2020

THE FRAMEWORK PROGRAMME FOR RESEARCH & INNOVATION

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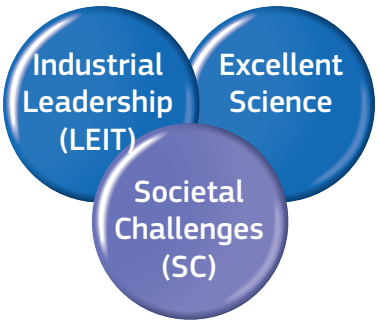

Societal Challenges (SC)

1. Health, demographic change and wellbeing
2. Food security, sustainable agriculture and forestry, marine and maritime and inland water research, and the bioeconomy
3. Secure, clean and efficient energy
4. Smart, green and integrated transport
5. Climate action, environment, resource efficiency and raw materials
6. **Europe in a changing world – inclusive, innovative and reflective societies**
7. Secure societies – protecting freedom & security of Europe and its citizens

ICT-enabled public sector innovation in SC6 calls for proposals:

- **INSO** (News Forms of Innovation): ICT-enabled open government (personalised, mobile public services, transparency) and Innovative mobile eGov apps
- **YOUNG** (The Young Generation): Open participation
- **EURO** (Overcoming the Crisis): Using emerging technologies in the public sector

Funding opportunities

Call	Societal challenge 6	Societal challenge 7	Industrial leadership (LEIT)
2014	**ICT-enabled open government** ● Stimulating the creation, delivery and use of personalised public services, using open public data or open public services and enhancing the transparency of public administrations, leading to increased trust and accountability. (Topic INSO-1) **Societal and political engagement of young people (open participation)** ● Developing reusable service components, methods and applications to enable public authorities to quickly open their decision-making processes in order to engage with young people, allowing them to become active actors in all activities of the public sector. (Topic YOUNG-5b)	**Privacy** ● Develop solutions to protect individuals for the delivery of personalised public services and to increase trust in public administrations. This is particularly important in an open government context, where personal data may be shared between different departments or across borders and where even third parties can engage in the creation and delivery of personalised services for citizens and businesses. (Topic DS-01)	**Advanced Cloud Infrastructures and Services** ■ *Part on 'Automated discovery and composition of services'* Innovative ways to facilitate public administrations, users and other stakeholders to produce, discover, mix and re-use different service components and create new public services. The research will build on the "cloud of public services" concept that requires interoperable, reusable modules for service functionalities. (Topic ICT-07)
2015	**ICT-enabled open government** ●▲ Stimulating the creation, delivery and use of personalised public services, using open public data or open public services and enhancing the transparency of public administrations, leading to increased trust and accountability. (Topic INSO-1) **Meeting new societal needs by using emerging technologies in the public sector** ■▲ Introducing emerging technologies in the public sector to improve efficiency, effectiveness and quality of public services and enable research results to reach a potential market. (Topic EURO-6) **Innovative mobile e-government** ★ Supporting innovative SMEs, including start-ups, for the design and creation of innovative applications, in order to foster the delivery of mobile public services and thus help the interaction of citizens and businesses with public administrations. (Topic INSO-9)		

■ Research & Innovation Action (CP 100%)
● Innovation Action (CP 70%)
▲ Coordination & Support Action (CSA 100%)
★ SME Instrument (SME 70%)

Public Services

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