Data in the digital transformation of government
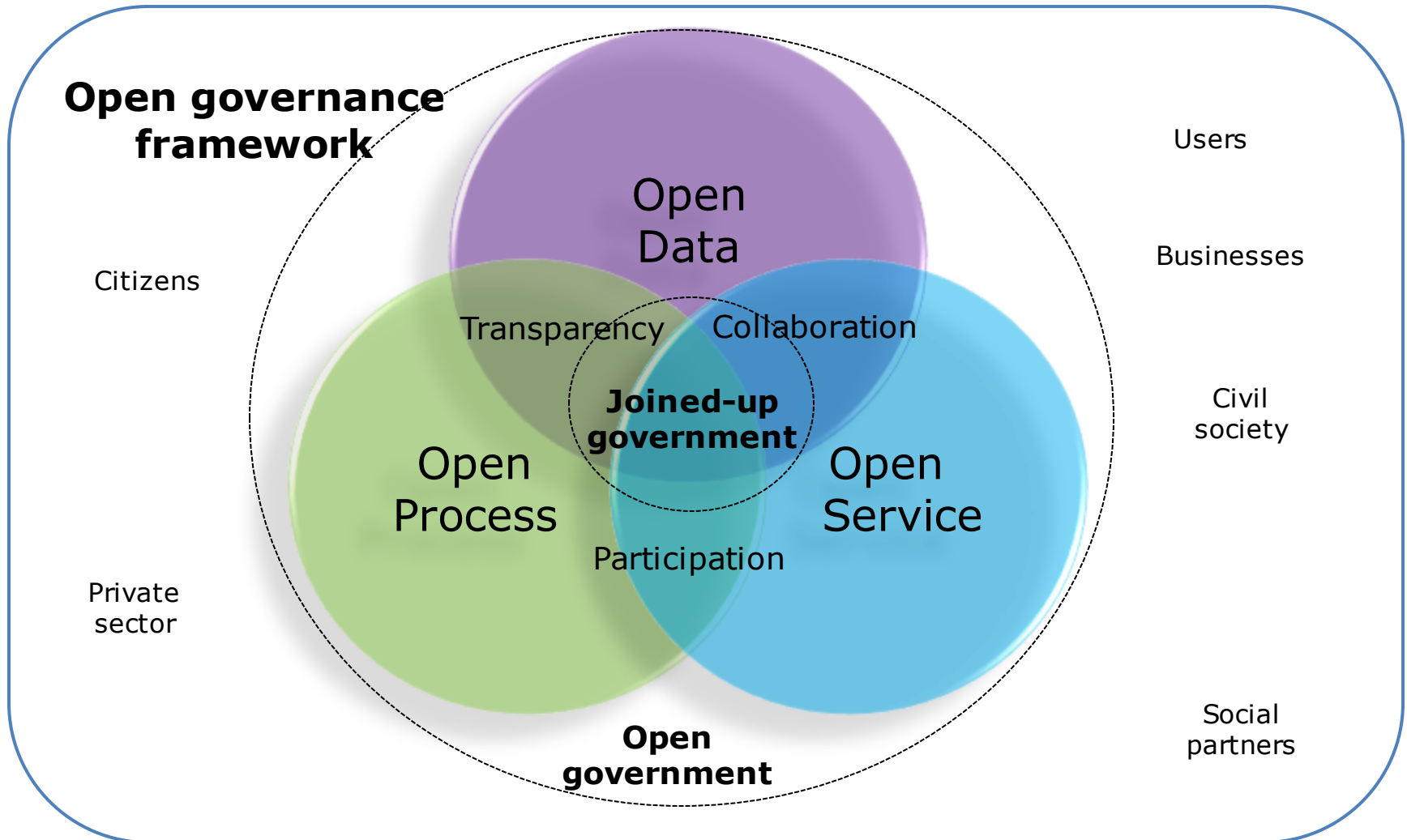
Workshop on Public Sector Data, 04/06/2019

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Open governance framework

Users

Citizens

Businesses

Open
Data

Transparency   Collaboration

Joined-up government

Civil
society

Open
Process

Open
Service

Participation

Private
sector

Open government

Social
partners

'Vision for Public Services':
https://ec.europa.eu/digital-agenda/en/ict-enabled-public-sector-innovation-through-open-government

European Commission

- From silos to **joined-up and open government**

- From customer services to **customised services**

eID connecting europe

eDELIVERY connecting europe

eINVOICING connecting europe

eSIGNATURE connecting europe

eTRANSLATION connecting europe

connecting europe

European citizens and businesses demand a **better online experience.**

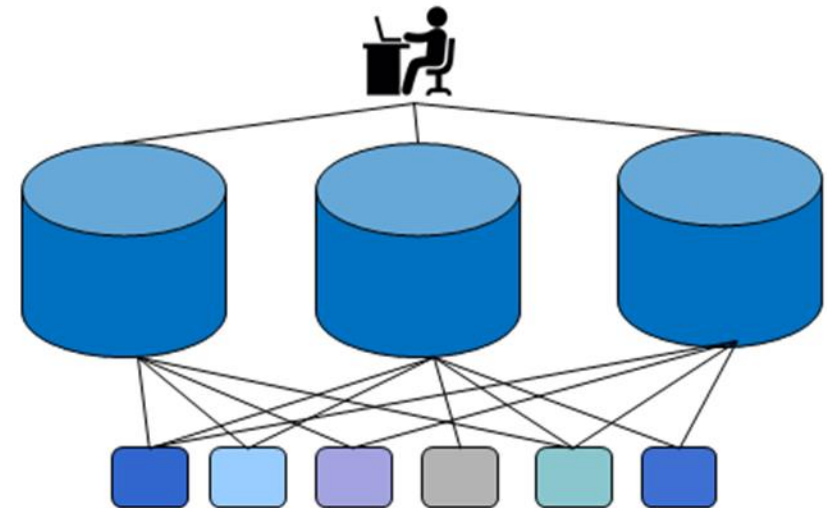Only **1 in 3** public websites in mobile friendly.

- From eGovernment to **(digital) government strategies**

Efficiency and effectiveness along with economic growth, societal equality, and good governance (transparency, integrity and citizen engagement)
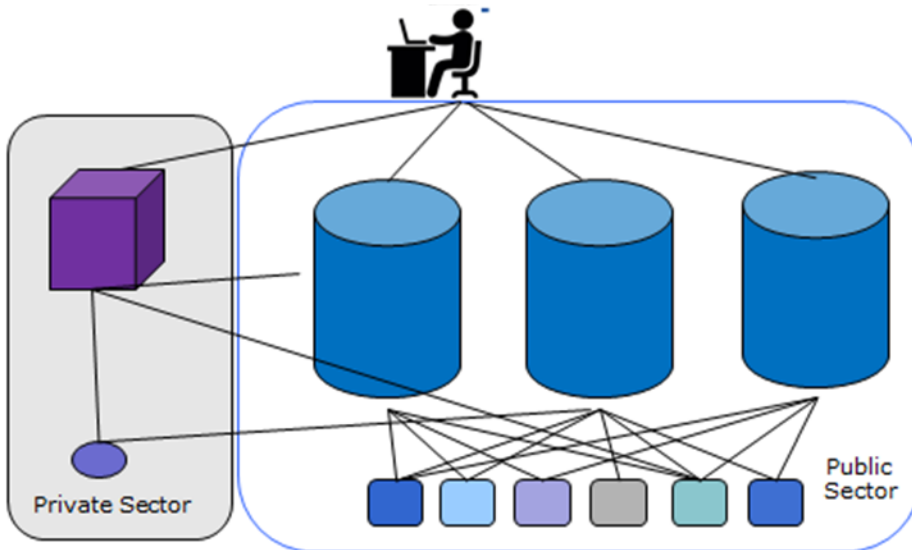
Source: eGovernment Benchmark and OECD Recommendation on digital government strategies, 2014

The silos approach
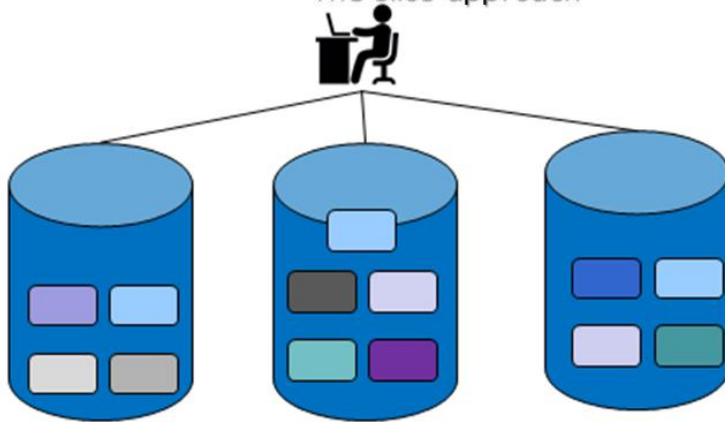
Breaking into fundamentals

Opening

Private Sector

Public Sector

Between public administrations

Across Member States

Between PAs and stakeholders

Policy Framework
Policy priorities (Pillars)

'…more can be done to modernise public administration, achieve cross-border interoperability and facilitate easy interaction with citizens….' (DSM Communication)

eGovernment Action Plan 2016-2020

Modernising public administration with ICT, using key digital enablers

Enabling cross-border mobility with interoperable digital public services

Facilitating digital interaction between administrations and citizens / businesses for high-quality public services

**20 actions identified in this Action Plan
Further actions may be proposed either by the Commission or by stakeholders, including Member States.**

Provisions on Data

*"**Opening the data** and services between public administrations within and across borders will increase their efficiency and facilitate the **free movement of businesses and citizens**."*

*"**Opening public sector data** and services to third parties, in full compliance with the legal framework for the protection of personal data and for privacy, can contribute to **growth and competitiveness**."*

Once Only Principle

eGov AP for the The Once Only Principle

- public administrations should ensure that citizens and businesses supply the same information only once to a public administration;
- public administration offices take action if permitted to internally re-use this data, in due respect of data protection rules

➤ **Introducing once-only options in digital public services by collaboration and data exchange, including with other countries**

eIDAS for the The Once Only Principle

Electronic eID operational under the Single Digital Gateway from 2020 onwards.
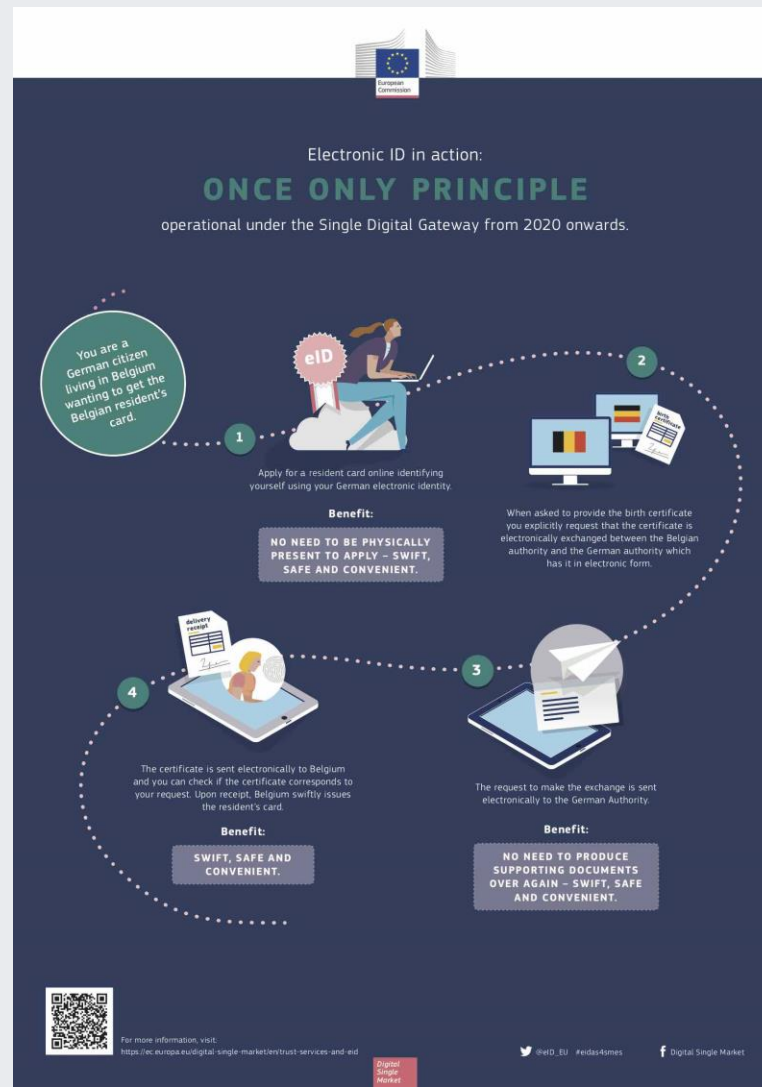
How to operationalise the OOP at the EU Level?

Horizon 2020

Is funding TOOP, a large scale pilot piloting a cross-border federated architecture. Other project(s) to follow suit.

CEF Building Blocks

The Connecting Europe Facility (CEF) building blocks have been identified as key enablers of the Once Only Principle in practice.

Better Regulations Toolbox (SWD2017 350)

The digital economy and society & ICT issues offers a "Digital Check" that emphasises the need for the implementation of OOP

eIDAS Regulation

The recognition of eIDs under eiDAS is also key for the cross border application of the "once only" principle, one of the main elements of the recently agreed Single Digital Gateway.

Digital Europe Programme

The first ever digital Europe programme running from 2021-2027 will promote the application of the OOP.

Structural Funds

possibility to use structural funds (in particular ESIF TO2 and TO11) for national / regional implementation of OOP.

Other actions supporting the Once Only Principle and implementation of the SDG:

ISA²
The SDG Architecture study

DG.CNECT.H4
The OOP metadata/data mapping study for the SDG

DG.CNECT.H4
A study to assess the readiness of Member States

DG.CNECT.H4
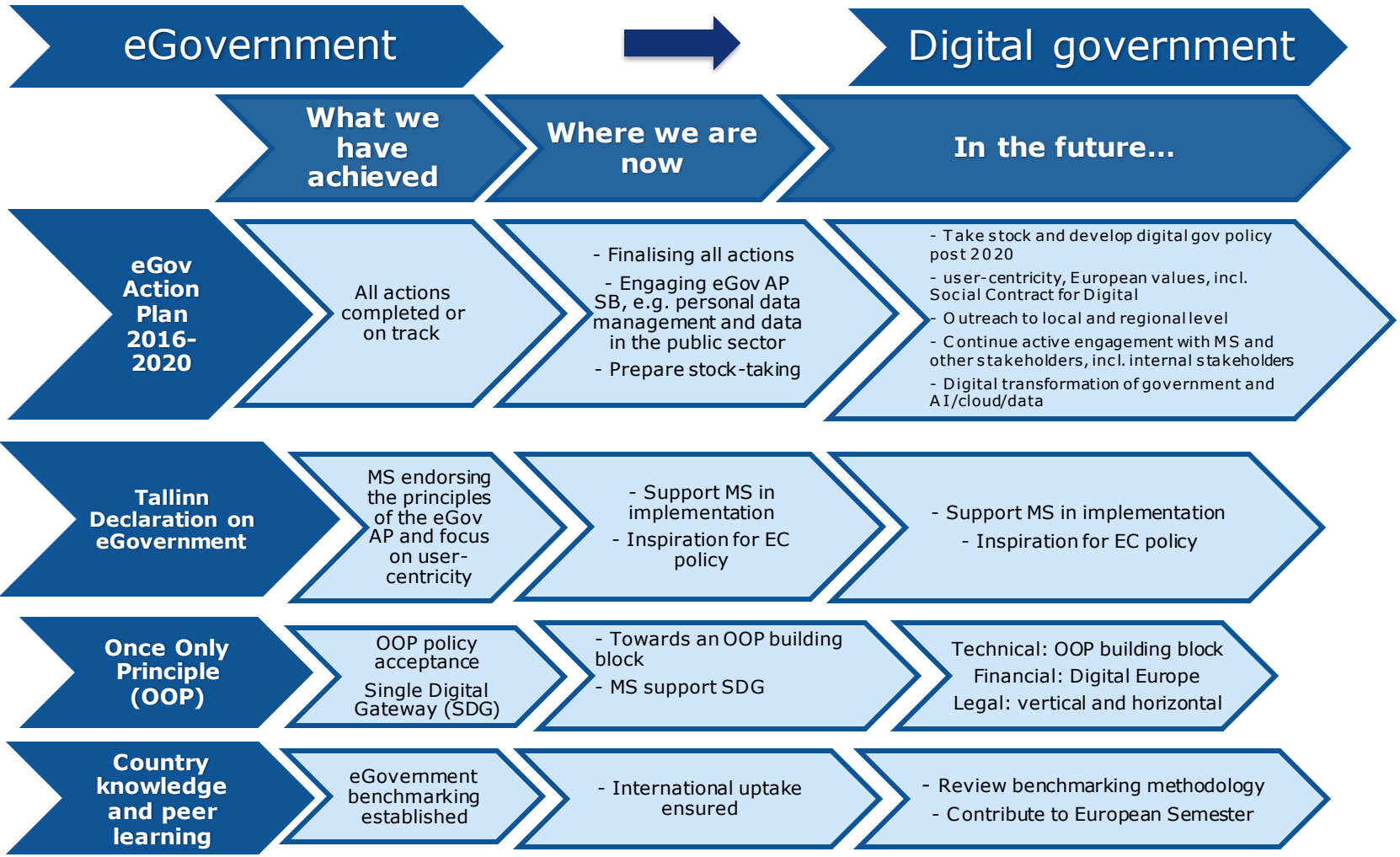A new OOP H2020 Large Scale Pilot, in addition to the TOOP

MS Pilot
The SCOOP4C coordination action that will be ending soon

DG.CNECT & JRC
Study on the current use of APIs in Government

DIGIT
The digital solutions modernization plan part of the wider European Commission Digital Strategy

eGovernment	→	Digital government

	What we have achieved	**Where we are now**	**In the future...**
eGov Action Plan 2016-2020	All actions completed or on track	- Finalising all actions - Engaging eGov AP SB, e.g. personal data management and data in the public sector - Prepare stock-taking	- Take stock and develop digital gov policy post 2020 - user-centricity, European values, incl. Social Contract for Digital - Outreach to local and regional level - Continue active engagement with MS and other stakeholders, incl. internal stakeholders - Digital transformation of government and AI/cloud/data
Tallinn Declaration on eGovernment	MS endorsing the principles of the eGov AP and focus on user-centricity	- Support MS in implementation - Inspiration for EC policy	- Support MS in implementation - Inspiration for EC policy
Once Only Principle (OOP)	OOP policy acceptance Single Digital Gateway (SDG)	- Towards an OOP building block - MS support SDG	Technical: OOP building block Financial: Digital Europe Legal: vertical and horizontal
Country knowledge and peer learning	eGovernment benchmarking established	- International uptake ensured	- Review benchmarking methodology - Contribute to European Semester

European Commission

eGovernment Action Plan 2016-2020 serves 'as a <u>catalyst</u> to coordinate public sector modernisation efforts' across the EU

COM (2016)179 final

Tallinn Ministerial Declaration on eGovernment
6 October 2017

We will in our countries: *commit to expand and deepen the exchange and sharing of good eGovernment practices and to speed up the digital transformation at all levels of government*

We will in the next five years (2018-2022) take steps [...] in our public administrations

https://ec.europa.eu/digital-single-market/en/news/ministerial-declaration-egovernment-tallinn-declaration
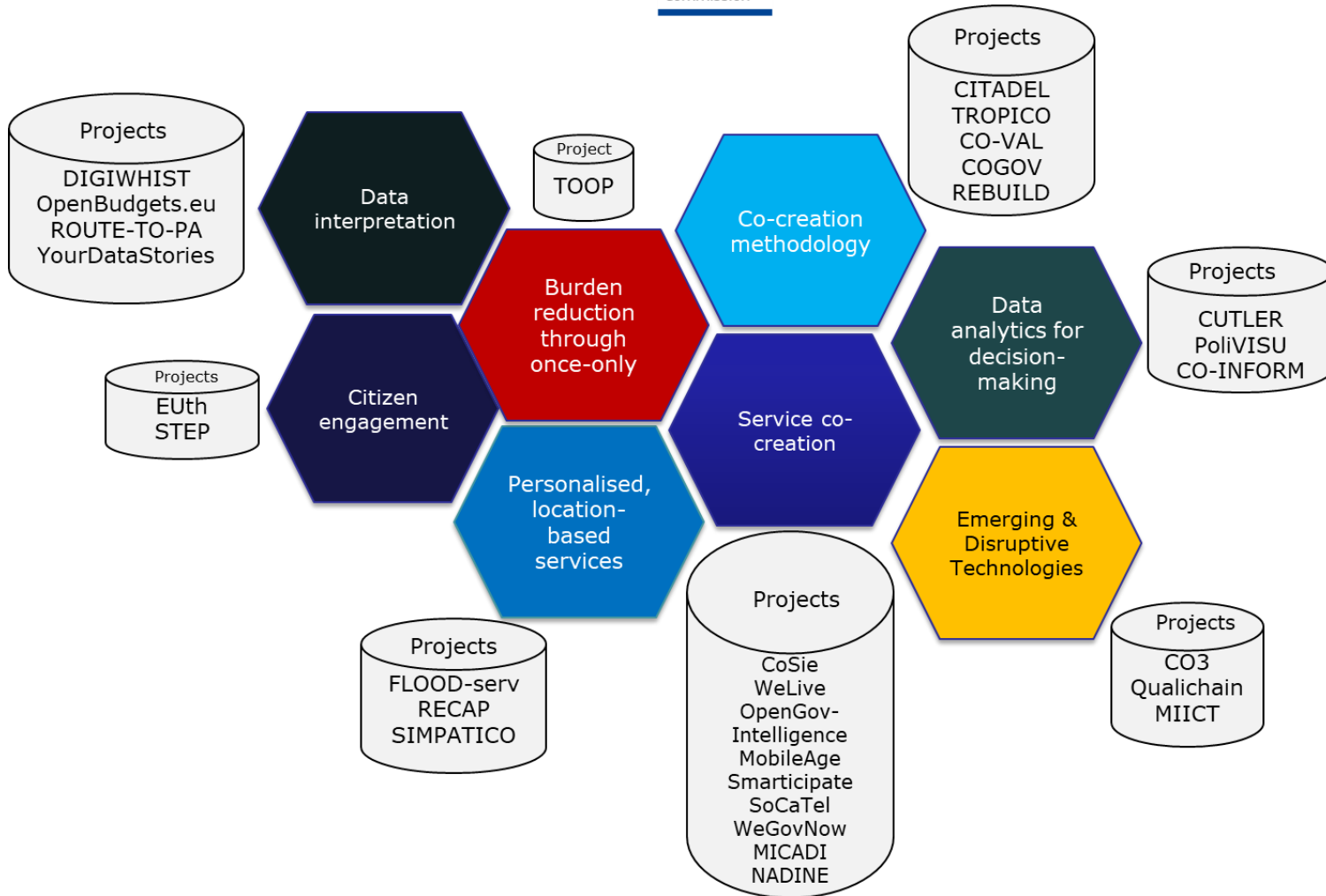
Commitments on data

MS and EFTA states commit to:

- prepare and implement initiatives to widen and deepen the **use of data and analytics** (including big data) in our countries to move to **data-driven public services** and make full use of **data for better decision-making**;

- work to create a **culture of re-use**, including responsible and transparent **re-use of data** within our administrations;
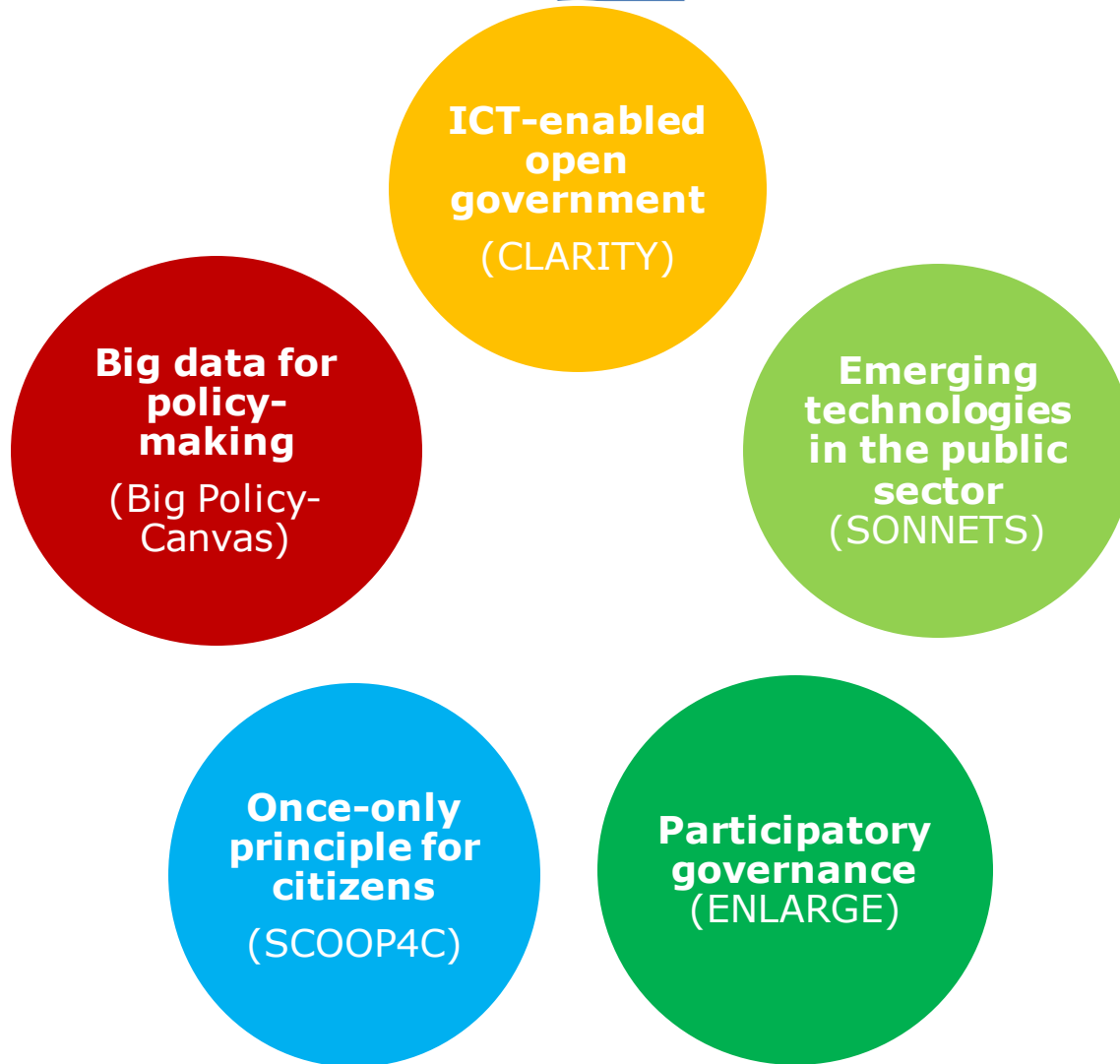
Projects

Projects
DIGIWHIST
OpenBudgets.eu
ROUTE-TO-PA
YourDataStories

Data interpretation

Project
TOOP

Co-creation methodology

Projects
CITADEL
TROPICO
CO-VAL
COGOV
REBUILD

Burden reduction through once-only

Projects
EUth
STEP

Citizen engagement

Service co-creation

Data analytics for decision-making

Projects
CUTLER
PoliVISU
CO-INFORM

Personalised, location-based services

Emerging & Disruptive Technologies

Projects
FLOOD-serv
RECAP
SIMPATICO

Projects
CoSie
WeLive
OpenGov-Intelligence
MobileAge
Smarticipate
SoCaTel
WeGovNow
MICADI
NADINE

Projects
CO3
Qualichain
MIICT

ICT-enabled open government
(CLARITY)

Big data for policy-making
(Big Policy-Canvas)

Emerging technologies in the public sector
(SONNETS)

Once-only principle for citizens
(SCOOP4C)

Participatory governance
(ENLARGE)

European
Commission

BIG POLICY CANVAS
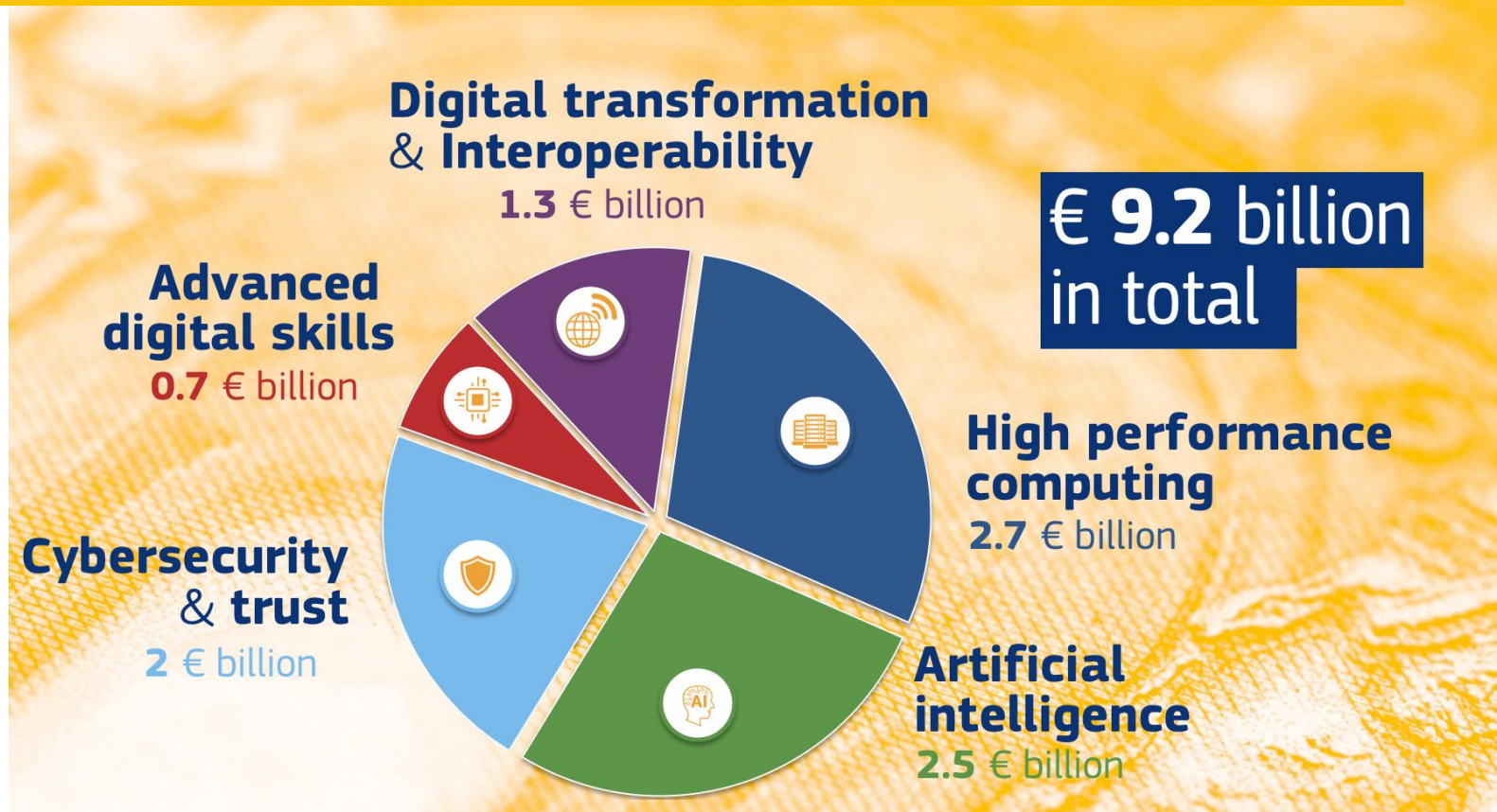**Big data-driven policy-making and policy-modelling**

BPC
BigPolicyCanvas

Transforming policy making through Big Data and Open Innovation (01/10/2017 , 24 months)

- identification and assessment of public sector needs and trends

- Analysis /grouping of emerging methods, tools, technologies and applications, particularly examined from a big data oriented perspective, that hold the potential to disrupt the way the public sector nowadays operates

- Roadmap for future research

- Consortium: ATOS, Nat. Tech. Univ. Athens, Fraunhofer, Lisbon Council

- www.bigpolicycanvas.eu

Deployment, use of digital capacities and interoperability

Support digital transformation of areas of public interest

Support digital transformation of industry

Uptake of new Technologies and ensure continuous capacity to adapt to fast evolving trends

- **Application areas:** public administrations, health and care, education, judiciary, transport, energy, environment, culture and creative sectors, etc.
- **Implementation:** direct management (partially with Executive Agency)

Investing in the future: **Digital Europe** Programme

€1.3 billion for **Deployment, use of digital capacities & interoperability**

Provide more **interoperable** public services

Support digital & related **technologies** for industry & SMEs

Support and follow latest **tech developments**

Bring digital technologies to **public sector** and areas of public interest

Offer **tests** and **pilots** to public administrations

Build up and strengthen the network of **Digital Innovation Hubs**

#EUBudget
#DigitalEurope

European Commission