

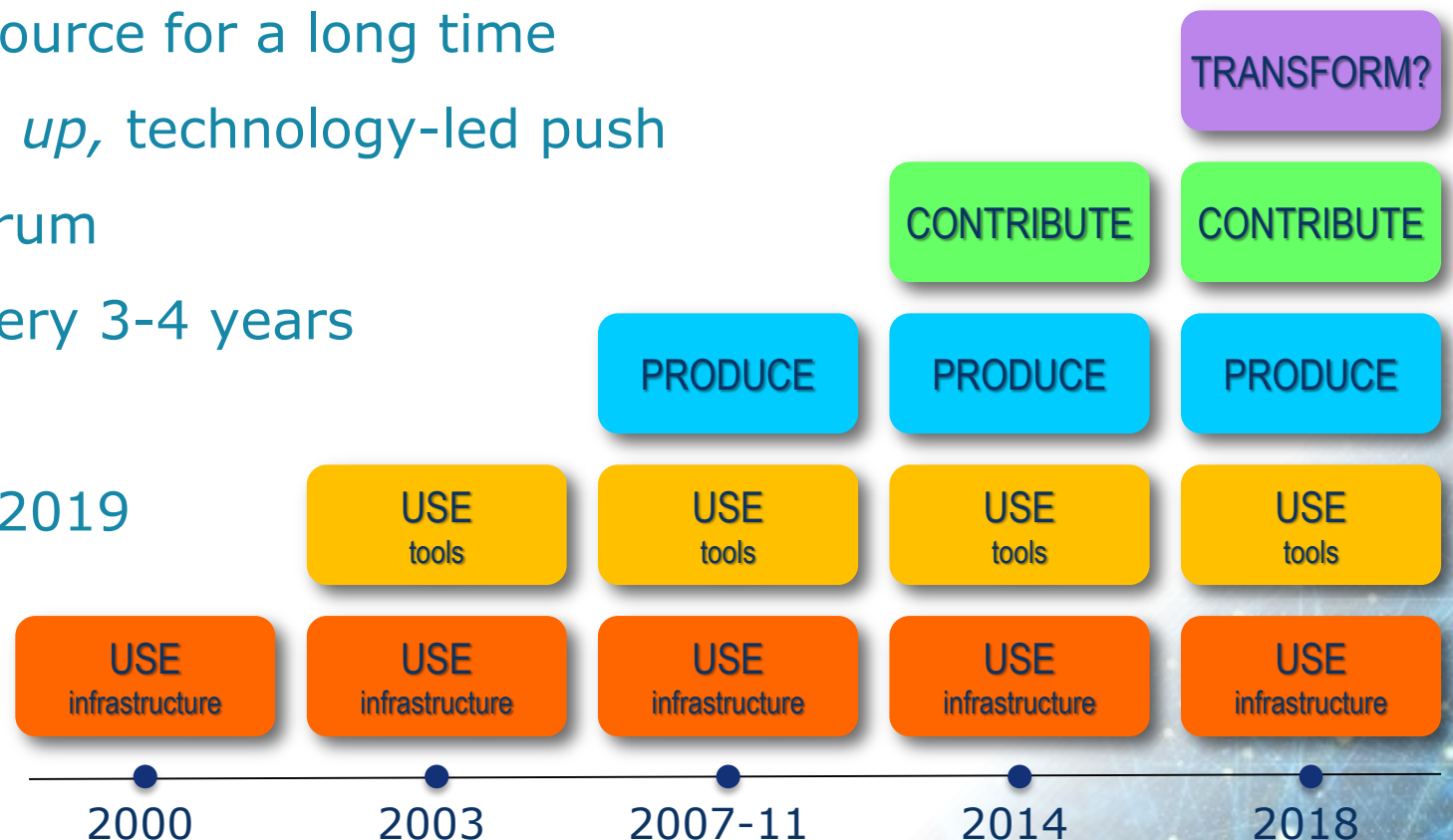
# Open Source Software at the European Commission

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European Commission

**Paris Open Source Summit**  
**December 5<sup>th</sup>, 2018**

# Wide OSS use at EC via bottom-up push

- Enthusiastic user of open source for a long time
- Growth driven by a *bottom up*, technology-led push
- OSS used across the spectrum
- OSS Strategy refreshed every 3-4 years
- Publicly available
- Next Strategy expected in 2019



# Areas of use



USE

Data Center

Web servers

Application servers

Operating Systems



USE

Web and social  
tools to  
collaborate

Forums

Blogs

Content Management



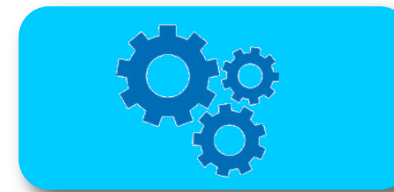
USE

Desktop

Browsers

File Management

Media Players



USE

Tools and  
methods to  
develop software

Tools

Libraries

Collaboration



PRODUCE

Software based  
on ODD license

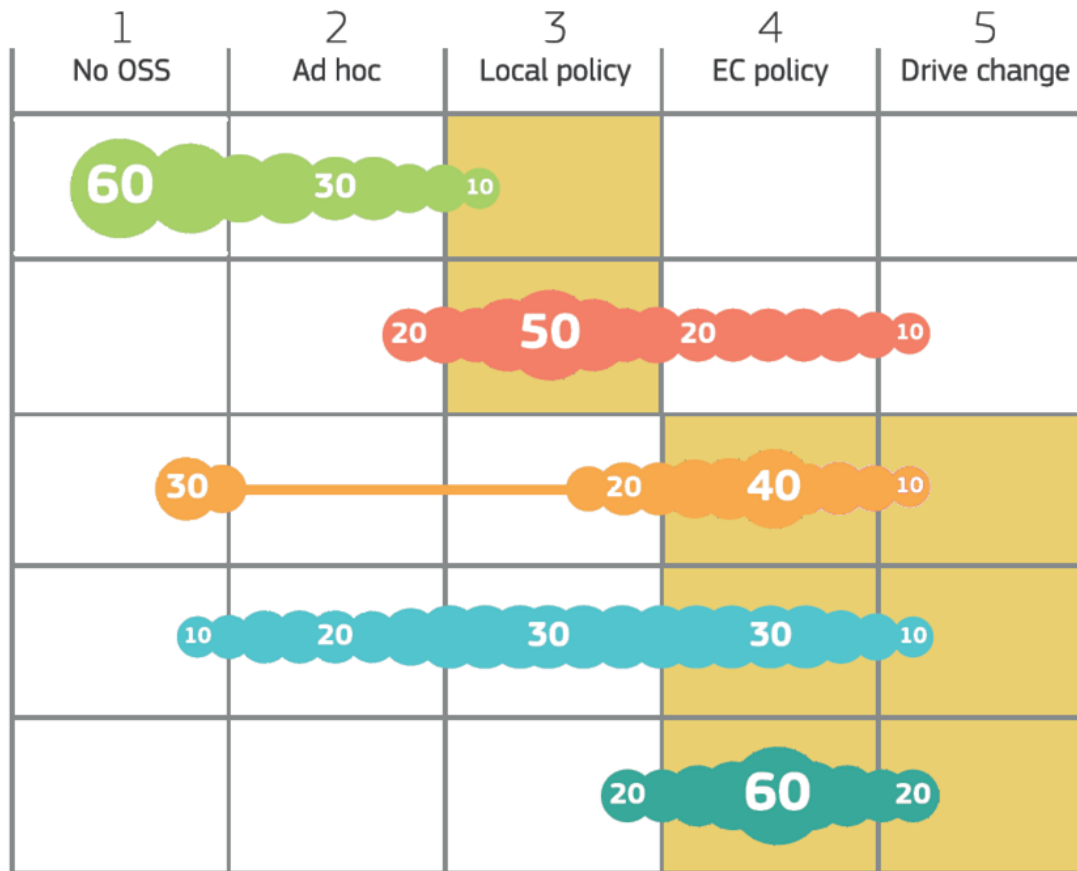
Citizen's Initiative

EUSurvey

JoinUp



# OSS adoption index (2014)



 Target

**1.5** Proprietary desktop,  
but OSS browser  
and tools



**3.2** Local adoption and  
Linux global policy



**3** Dual policy for  
internal and  
external tools



**3.1** Important usage of  
OSS frameworks  
and libraries



**4** EC produced  
software distributed  
on OSS



# Tackling roadblocks for greater use

- Legacy
- Legislation
- Support
- Security



## Existing OSS Strategy: a publicly available "Decalogue"

- |  |                     |
|--|---------------------|
| 1. OSS in product management                             | <b>Acquisition</b>  |
| 2. Procurement of software and OSS                       |                     |
| 3. Standards-based and interoperable software            | <b>Domains</b>      |
| 4. OSS as default choice for systems deployed outside EC |                     |
| 5. Legal issues around OSS                               | <b>Contribution</b> |
| 6. Addressing governance of OSS - guidelines             |                     |
| 7. OSS and communities                                   |                     |
| 8. OSS in e-Government                                   | <b>Domains</b>      |
| 9. Alignment of internal and external strategies         | <b>Coordination</b> |
| 10. Inter-Institutional collaboration                    |                     |

# Frameworks for collaboration with other public organisations



## EUPL - European Union Public License

- In 23 official languages
- EU law compliant



## ISA²

- Open Source Observatory Repository (OSOR)
- JoinUp
- European Interoperability Framework
- OSS developed: EUSurvey, LEOS, ECI/OCS, CIRCABC, ...



## Open PM²

- Common project management language
- Increase collaboration efficiency and success rate
- Certification
- Guide freely available



## Connecting Europe Facility

- Targeted infrastructure investment

## eDelivery

- Open technical specifications
- OSS and added value services

# For Research and Innovation





# Increasing top-down policy push

- New European Interoperability Framework, 23/03/2017



Rec. 2: adoption of Open Source Software as enabler of **reusability**

- Tallinn Declaration on eGovernment, 6/10/2017

The Ministers call on the Commission "to consider strengthening the requirements for use of open source solutions and standards when (re)building of ICT systems and solutions takes place with EU funding, including by an appropriate open licence policy – by 2020."

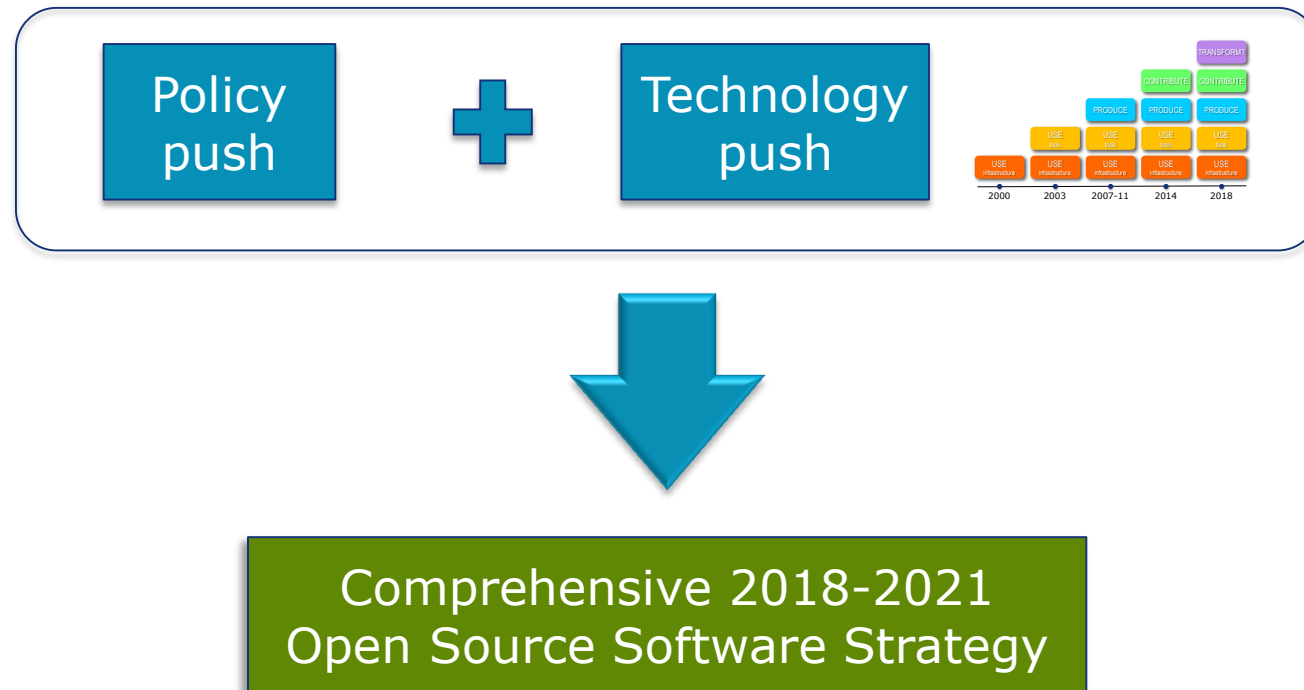
"Member States commit to make more use of open source solutions [...] when (re)building ICT systems and solutions [...]"

- European Commission Digital Strategy, 21/11/2018

Focus on co-creation

OSS preferred when equivalent in functionalities, total cost and cybersecurity.

# Drivers for a new OSS strategy



# Open and collaborative model – beyond software

Working together

Motivation

Community

Sharing



# Thank you



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