

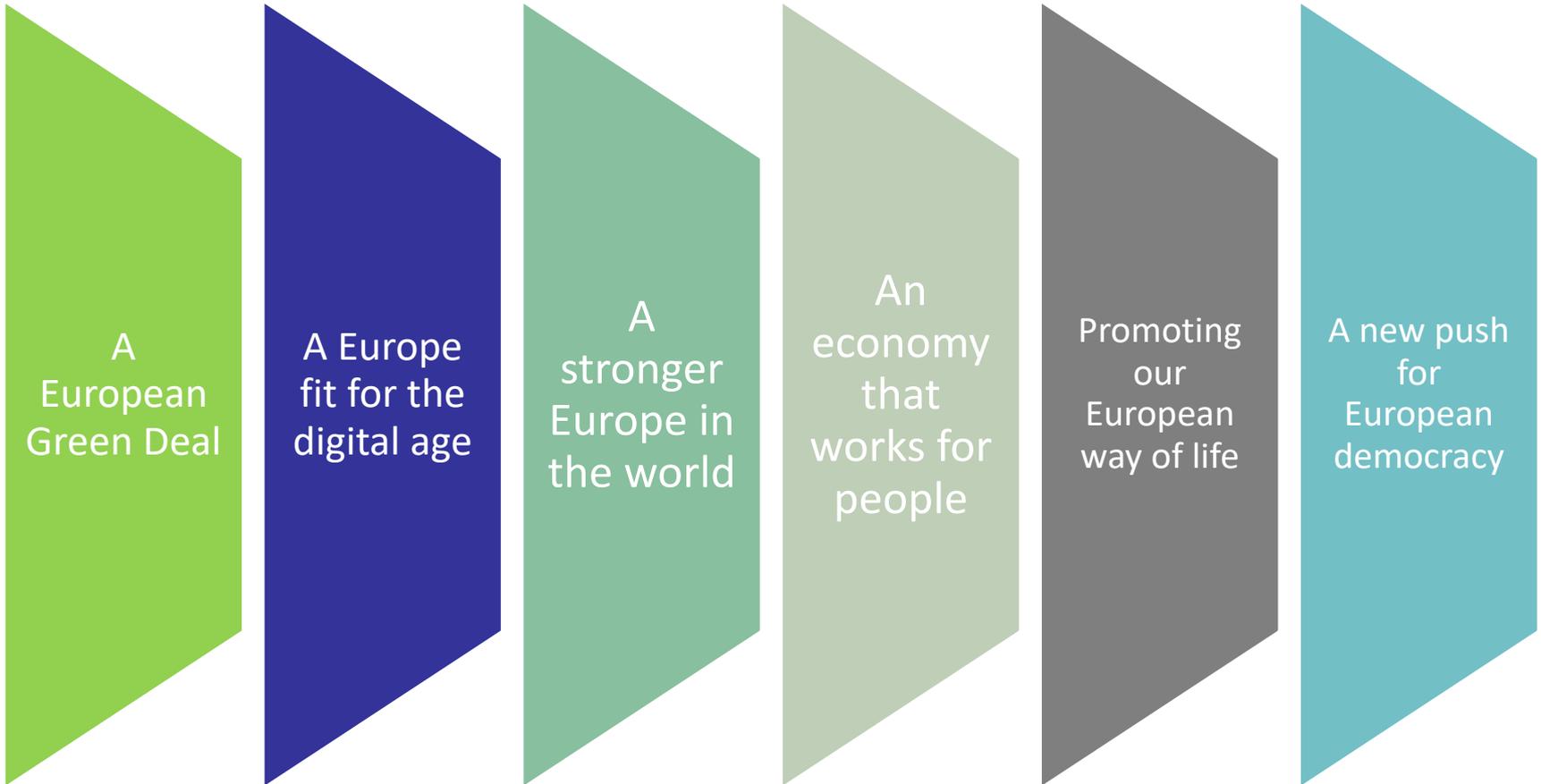


e-Infrastructures in Horizon Europe

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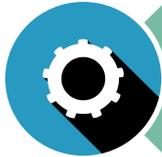
The European Commission's Priorities



Key Commission Strategies



Digital Strategy



Industrial Policy Strategy



European Green Deal



EuroHPC Strategy



Data Strategy



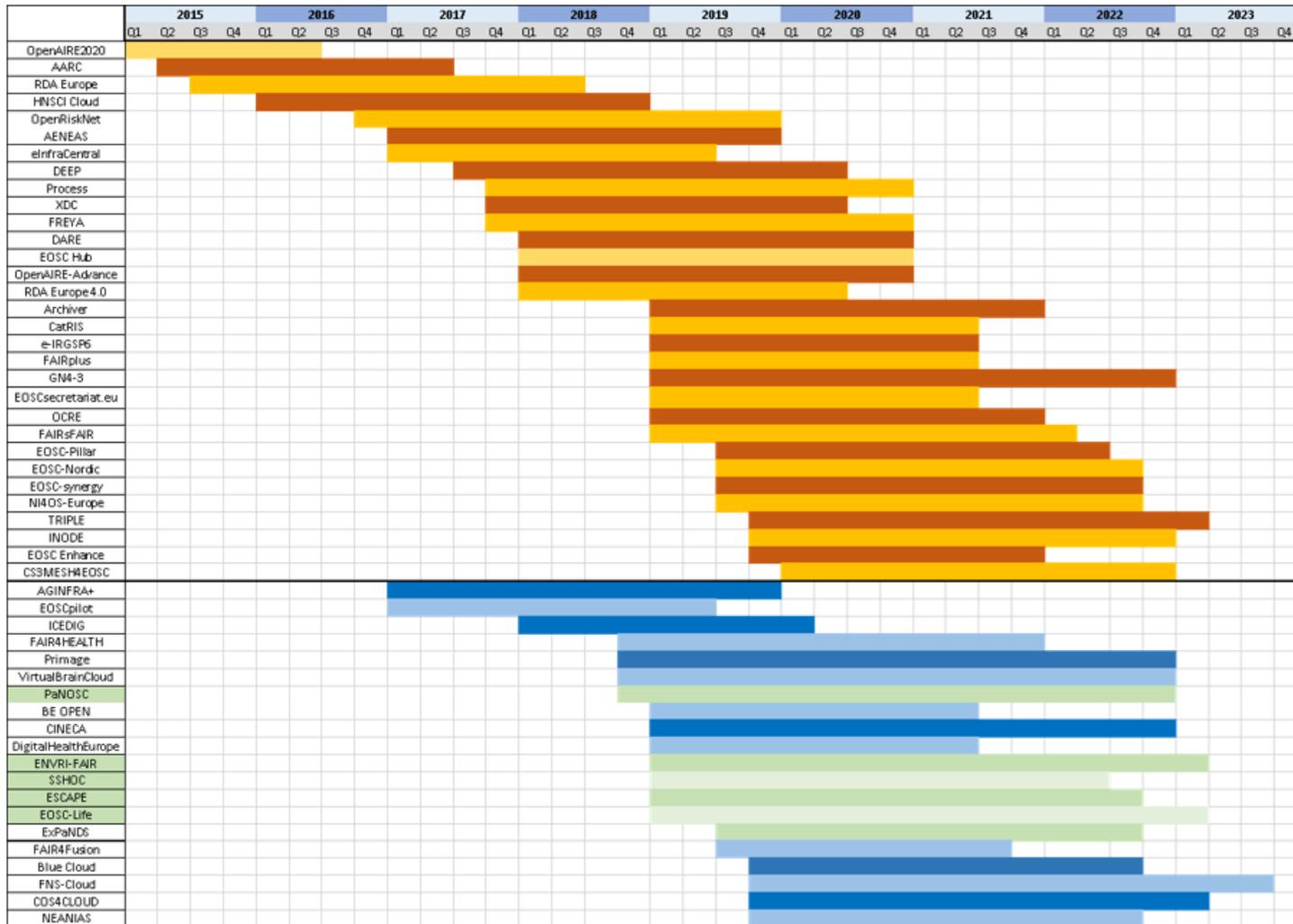
Data Strategy

Single market for data where:

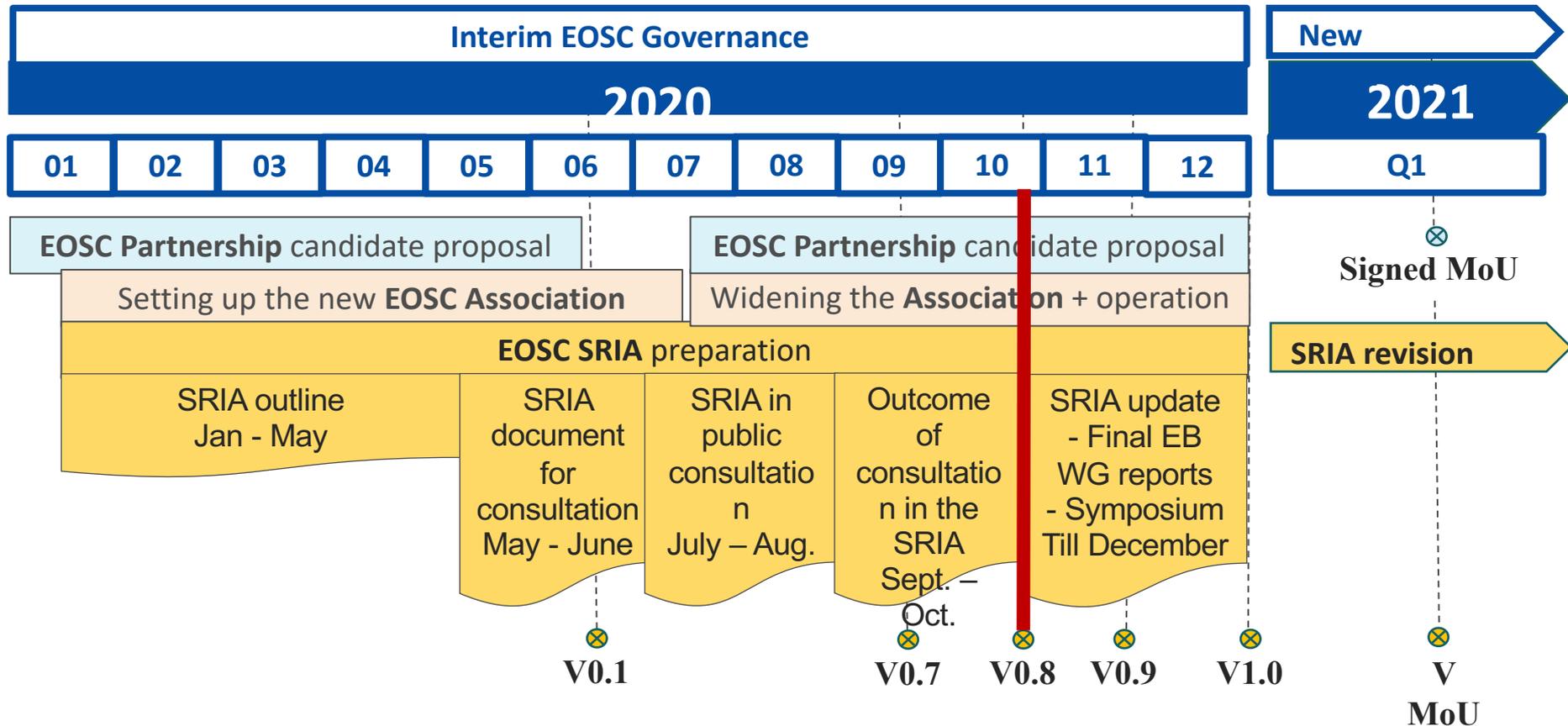
- data can flow within the EU and across sectors, for the benefit of all
- European rules, in particular privacy and data protection, as well as competition law, are fully respected
- the rules for access and use of data are fair, practical and clear

Creation of common European data spaces, covering also data processing, computing and interconnection of existing computing capacities at national and European level (incl. HPC)

H2020 EOSC legacy projects



SRIA timeline of the current EOOSC Governance



EOSC SRIA: Strategic Objectives (SO)

Three Strategic Objectives

SO1. Open Science practices and skills are rewarded and taught, becoming 'the new normal'

- Scope: the EOSC ecosystem underpins the reward of OS practices

SO2. Sustainable and federated infrastructures enable open sharing of scientific results

- Scope: **EOSC-Core**, federated data infrastructures and **EOSC-Exchange**

SO3. Standards, tools and services allow researchers to find access, reuse and combine results

- Scope: Turning the FAIR and Open principles into practice (all type of research artefacts in a digital form)

EOSC SRIA: Action Areas (AA)

Implementation challenges	Boundary conditions
AA1. Identifiers	AA8. Rules of Participation
AA2. Metadata and ontologies	AA9. Landscape monitoring
AA3. FAIR metrics	AA10. Business models
AA4. Authentication and Autorisation Infrastructures (AAI)	AA11. Skills and training
AA5. User environments	AA12. Rewards and recognition
AA6. Resource provider environments	AA13. Communication
AA7. EOSC interoperability framework	AA14. Widening to public an private sectors

RI/eInfrastructures in Horizon Europe

Destinations: **WP 2021-2022**

- A well-functioning European Research Infrastructure landscape
- Enabling an operational, open and FAIR EOSC ecosystem
- RI services to support health research, accelerate the green and digital transformation, and advance frontier knowledge
- Next generation of scientific instruments, tools and methods and advanced digital solutions
- Network connectivity - enabler for collaboration without boundaries
- -> Calls (RIA/CSA), procurement, FGA/SGA

RI/eInfrastructures in Horizon Europe

WP 2021-22

Delivering the EOSC-core infrastructure and services

- Operational, secure cloud-based EOSC infrastructure, offering professional services and superior user experience for a very large number of users, with the functionalities available 24/7
- Innovative, modular, customisable and composable services
- Data and service communities aligned in terms of standards at subdomain, domain and interdisciplinary levels
- Established links with common European data spaces, European cloud federation, EuroHPC and Member States' initiatives on federated data infrastructures,
- Infrastructure as a Service, Platform as a Service, Software as a service modalities

RI/eInfrastructures in Horizon Europe

WP 2021-22

Delivering the EOSC-core infrastructure and services

Main features:

- Public procurement
- Building on results of H2020-INFRAEOSC-03 to ensure continuity
- Close collaboration with the EOSC Association, the EOSC community under the EOSC co-programmed Partnership and the representatives of the Member States involved in the governance of EOSC
- Added: Service call for new innovative services
- -> Subsequent WP: access provision for services

Next steps

- Horizon Europe adoption pending
- RIC meets in November, next version of the WP
- WP adoption in 2021
- First calls launch expected in Spring 2021

Thank you