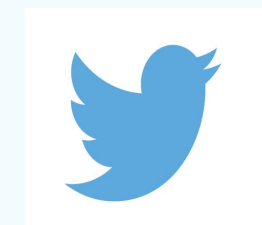


ERIC Forum in the governance of ERA

Francisco Colomer, chair



@jivedirector

► ERIC Landscape

22 established ERICs, 11 more in preparation

ERIC Clusters based on the ESFRI roadmap:

- Energy
- Environment
- Health & Food
- Physical Sciences & Engineering
- Social & Cultural Innovation

All ERICs are members of the self-organized ERIC Forum

Energy	ECCSEL-ERIC
Environment	EMSO ERIC EPOS-ERIC EURO-ARGO ERIC ICOS-ERIC LifeWatch ERIC
Health & Food	BBMRI-ERIC EATRIS-ERIC ECRIN-ERIC EMBRC-ERIC EU-OPENSOURCE ERIC Euro-BioImaging ERIC Instruct-ERIC
Physical Sciences & Engineering	CERIC-ERIC European Spallation Source ERIC ELI-ERIC JIV-ERIC
Social & Cultural Innovation	CESSDA-ERIC CLARIN-ERIC DARIAH-ERIC European Social Survey-ERIC SHARE-ERIC

► ERIC Forum governance structure

- **New Forum bodies**
ERIC Forum *Executive Board*
ERIC Forum Secretariat
- **New Rules of Procedure**
- **Annual Meeting**
F2F in Brussels in Feb 2020



Rules of Procedure
for the implementation of the
“MoU for the establishment of
the ERIC Forum”



Chair and Vice Chair

- **Francisco Colomer**, Director, JIVE-ERIC, Physical Sciences and Engineering Cluster
- **Anton Ussi**, Operations and Finance Director, EATRIS ERIC, biomedical sciences cluster

Members

- **Franciska de Jong**, Executive Director, CLARIN ERIC, social sciences and humanities cluster
- **Wolfgang Fecke**, Director General, EU-OPENSREEN ERIC, life sciences cluster
- **Juan Miguel González Aranda**, Chief Technical Officer, LifeWatch ERIC, environment and earth sciences cluster

▶ European Research Infrastructures

Facilitate the best Science, their services have transformed the way Science is done

Are **repositories of knowledge and hubs of innovation**, attract and retain leading scientists and skilled personnel: *Right people at the right place at the right time !*

ERICs are of **great added value to national RI investments**, for a % of their cost

- ERIC framework is agile and robust (involves governments), helps sustainability
- provide the needed coordination of resources for enhanced and new services
- help build bridges between communities, national consortia, also diplomacy

RIs are **catalysts in the overall response** of the science system

- RIs are (national) assets for crisis, if proper arrangements are in place
- RIs staff can provide knowledge and advise to national govs for decisions
- need long-term planning, have to exist “before the crisis arrives”

► Response to COVID-19 outbreak

Early response to the information needs at EC, ESFRI, national bodies, journalists and the wider public, regarding the initiatives and services developed by the ERICs aimed at supporting the collection of data and the sharing of methods for studying COVID-19 in all its aspects, types of impact and consequences for the future.



European Research Infrastructure Consortia and **COVID-19** Research

www.eric-forum.eu | @ERIC_forum

ERIC Forum has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N. 823798 

European Research Infrastructures, many of them organised as ERICs, are essential resource to the researchers studying the many aspects of the pandemics. Addressing issues such as development of the vaccine and medicines, insights into the social challenges, and the impact on environment, the ERICs support researchers to find solutions to the current crisis. Many of the ERICs have responded to the challenge at hand by setting up a dedicated service, which we are highlighted here.

Within the ERIC landscape, the following ERICs have set up or are currently planning various initiatives in response to the coronavirus outbreak:

► ERIC Forum objectives – towards ERA

ERICs as Key Stakeholders in the New ERA

Report on ERIC Forum Achievements 2020

Franciska de Jong

Member of the ERIC Forum Executive Board
Executive Director of CLARIN ERIC

Jointly contribute to **address critical challenges**,
develop best practices and share relevant *know-how*
for the **effective operation of ERICs** and **ERICs-to-be**.

Foster the **visibility, impact and sustainability of ERICs**

- Be a relevant **stakeholder** when discussing operational challenges in the execution of research – funding models, participation, awareness etc
- Provide input on how the ERICs/infrastructures can best support execution of **policy**
- **Advise** from the ground on emerging scientific and technology areas to support long term science policy and long range infrastructure planning
- Thematic and cross-domain collaboration, building bridges among communities, ensuring **proper attention for the diversity** among the ERICs
- Consolidation of **funding** from countries, and *continuous dialogue* with EC to maintain funds for direct support to RI coordination and user access in HE – also in ERIC Committee

EXTRA SLIDES

► ERIC Forum Objectives

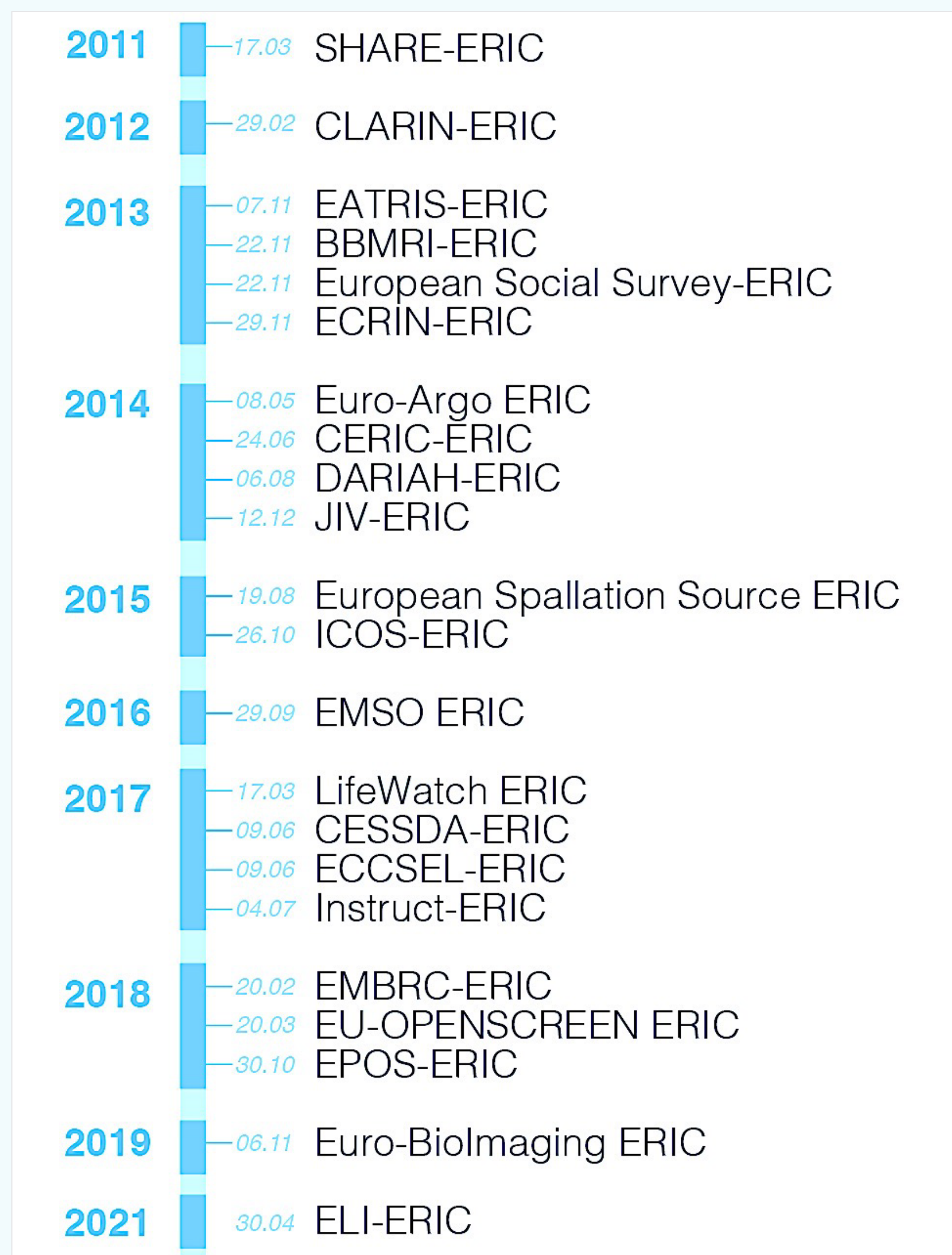
→ Advance ERICs' Operations

The strategic approach of the ERIC Forum will contribute to **address critical challenges, develop best practices** and share relevant know-how for the **effective operation of ERICs and ERICs-to-be**.



► The ERIC Community

→ 22 Established ERICs



→ 11 ERICs-in-preparation

- ACTRIS
- AnaEE
- CTAO
- EMPHASIS
- E-RIHS
- EST
- EU SOLARIS
- KM3NET
- Mirri
- Infrafrontier

► ERIC Landscape

The ERIC Clusters based on the ESFRI roadmap:

- Energy
- Environment
- Health & Food
- Physical Sciences & Engineering
- Social & Cultural Innovation

Energy	ECCSEL-ERIC
Environment	EMSO ERIC EPOS-ERIC EURO-ARGO ERIC ICOS-ERIC LifeWatch ERIC
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► ERICs in the ESFRI cluster projects

ERICs and ERICs-to-be are part of the 5 ESFRI cluster projects in the EOSC (European Open Science Cloud) panorama:

- ENVRI-Fair
- EOSC-LIFE
- ESCAPE
- PaNOSC
- SSHOC



ENVRI-FAIR

For Environmental Research

ACTRIS, ANAEE, EMSO ERIC, Euro-Argo ERIC, EPOS-ERIC, LifeWatch ERIC, ICOS-ERIC.



EOSC-LIFE

For Life Sciences

BBMRI-ERIC, ECRIN-ERIC, EATRIS-ERIC, EMBRC-ERIC, EU-OPENSOURCE ERIC, Euro-BioImaging ERIC, EMPHASIS, Infrafrontier, Instruct-ERIC, MIRRI.



ESCAPE

For Astronomy and Particle Physics

JIV-ERIC, CTAO.



PaNOSC

For multidisciplinary scientific analysis

CERIC-ERIC, European Spallation Source ERIC, ELI Delivery Consortium.



SSHOC

For Social Sciences and Humanities

CESSDA-ERIC, European Social Survey-ERIC, SHARE-ERIC, CLARIN-ERIC, DARIAH-ERIC, E-RIHS.

What is the ERIC Forum?

► Who are we?

eatris

European infrastructure
for translational medicine

CERIC

Central European
Research Infrastructure
Consortium

 **DARIAH-EU**

cessda eric



 **ECCSEL**

ECCSEL ERIC, the "pan European
research infrastructure on CCS technology"



 **European
Social
Survey**



ICOS |  **INTEGRATED
CARBON
OBSERVATION
SYSTEM**

 **emso
ERIC**
EUROPEAN RESEARCH INFRASTRUCTURE CONSORTIUM



 **INGV**

 **LifeWatch**



 **eli**
delivery consortium

 **JIVE**
Joint Institute for VLBI
ERIC

EMBL 

 **eu openscreen**

 **SHARE ERIC**
SURVEY OF HEALTH, AGEING
AND RETIREMENT IN EUROPE

 **ERIC
FORUM**

www.eric-forum.eu

► The Project

The resources at our disposal

Time

- 48 months duration
- Start in January 2019 – End in December 2022

People

- 23 partners + 3 linked parties
- 100+ staff involved
- 190+ man/months

Money

- 1.49 million EUR

Framework

- INFRASUPP-01-2018-2019 - Policy and international cooperation measures for research infrastructures
- Coordination and Support Action (CSA)

► What are we going to do?

Governance (WP2)

- Giving the ERIC Forum a governance model



Operation, admin, HR, finance (WP3)

- Collecting and sharing best practices



Evaluation & impact assessment (WP4)

- Helping ERICs to measure their success



ERICs in EU science policy & research strategy (WP6)

- Framing and developing ERICs role in science policy



Communication (WP5)

CERIC

Project Coordination



► What to expect?

Some of the most interesting deliverables of the ERIC Forum project



General Assembly, Seminars, Science policy reports, surveys...

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► ERIC Forum Executive Board 2021



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► Implementation of new governance structure



Rules of Procedure
for the implementation of the
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European Research Infrastructure Consortium Forum



- **New Rules of Procedure**
- **New Forum bodies**
ERIC Forum Executive Board
ERIC Forum Secretariat
- **Annual Meeting**
in Brussels in February 2020



► Positioning of the Forum towards Horizon Europe

Raising awareness about the ERIC Forum through international conferences



ERIC Forum position paper on Horizon Europe mission areas

Legal status	Name of research infrastructure	Mission area 1: Cancer	Mission area 2: Adaptation to climate change including societal transformation	Mission area 3: Healthy oceans, seas, coastal and inland waters	Mission area 4: Climate-neutral and smart cities	Mission area 5: Soil health and food
ERIC	BBMRI	•				
	CERIC	•			•	•
	CESSDA		•		•	
	CLARIN	•	•		•	
	DARIAH	•	•	•	•	•
	EATRIS	•				
	ECCSEL			•	•	
	ECRIN	•	•	•	•	•
	EMBRC	•	•	•		
	EPOS		•	•	•	•
	ESS (Social)	•	•	•	•	•
	ESS (Spallation)	•	•	•	•	•
	EMSO		•	•		
	EU-OPENSREEN	•				
	Euro-Argo		•	•		
	Euro-BioImaging	•	•	•		•
	ICOS		•	•	•	•
	Instruct	•				•
	JIV		•			
	LifeWatch		•	•	•	•
	SHARE	•	•		•	
prep-ERIC	ACTRIS		•	•	•	•
	EST		•		•	
	EMPHASIS					•
	INFRAFRONTIER	•				
Legend	Science domains of ESFRI Roadmap	Energy	Environment	Health & food	Physical sciences & engineering	Social & cultural innovation
	ERIC contributing to mission area	•				
	prep-ERIC contributing to mission area	•				

► Response to COVID-19 outbreak

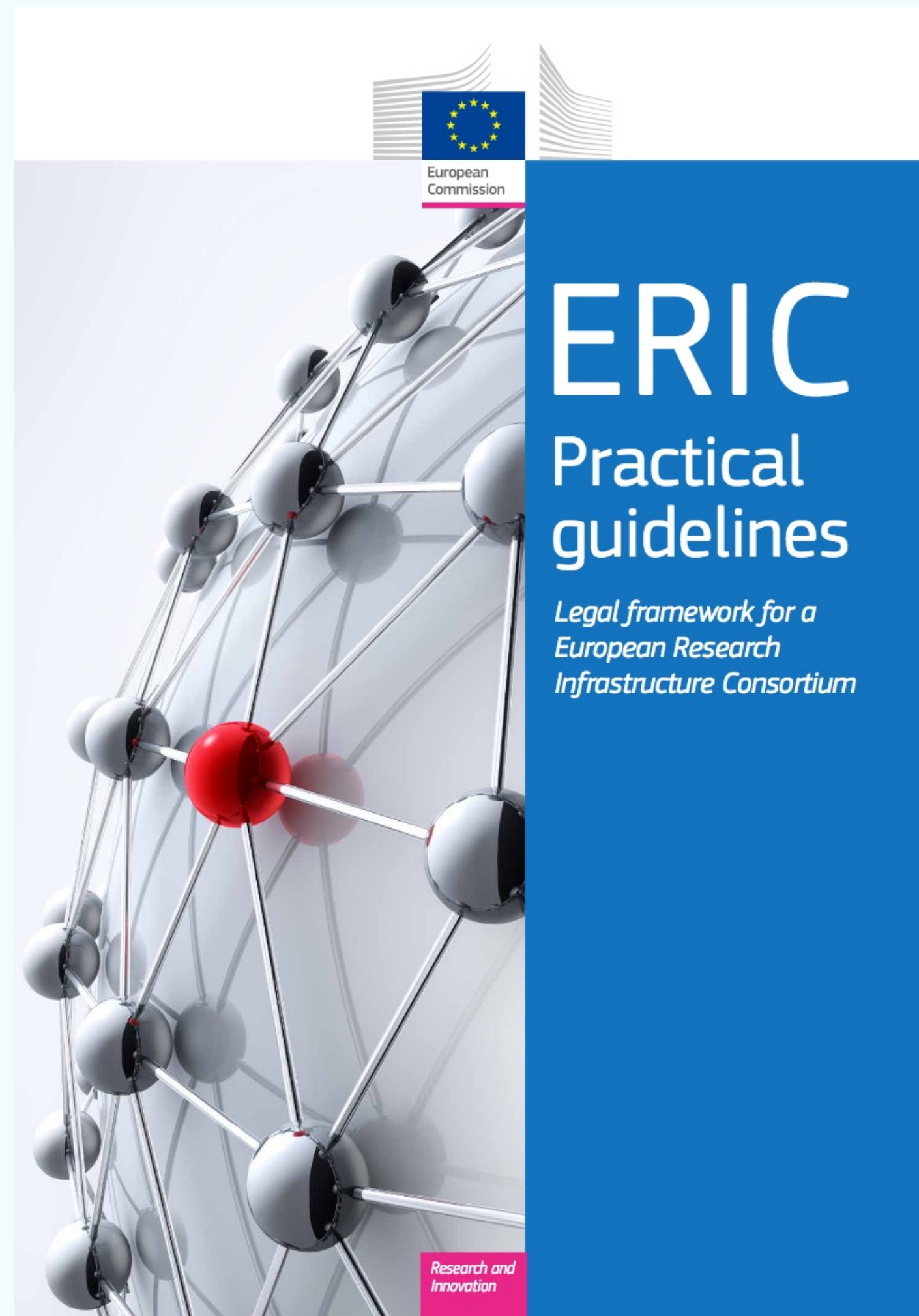
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► Collaboration towards the update the ERIC Guidelines



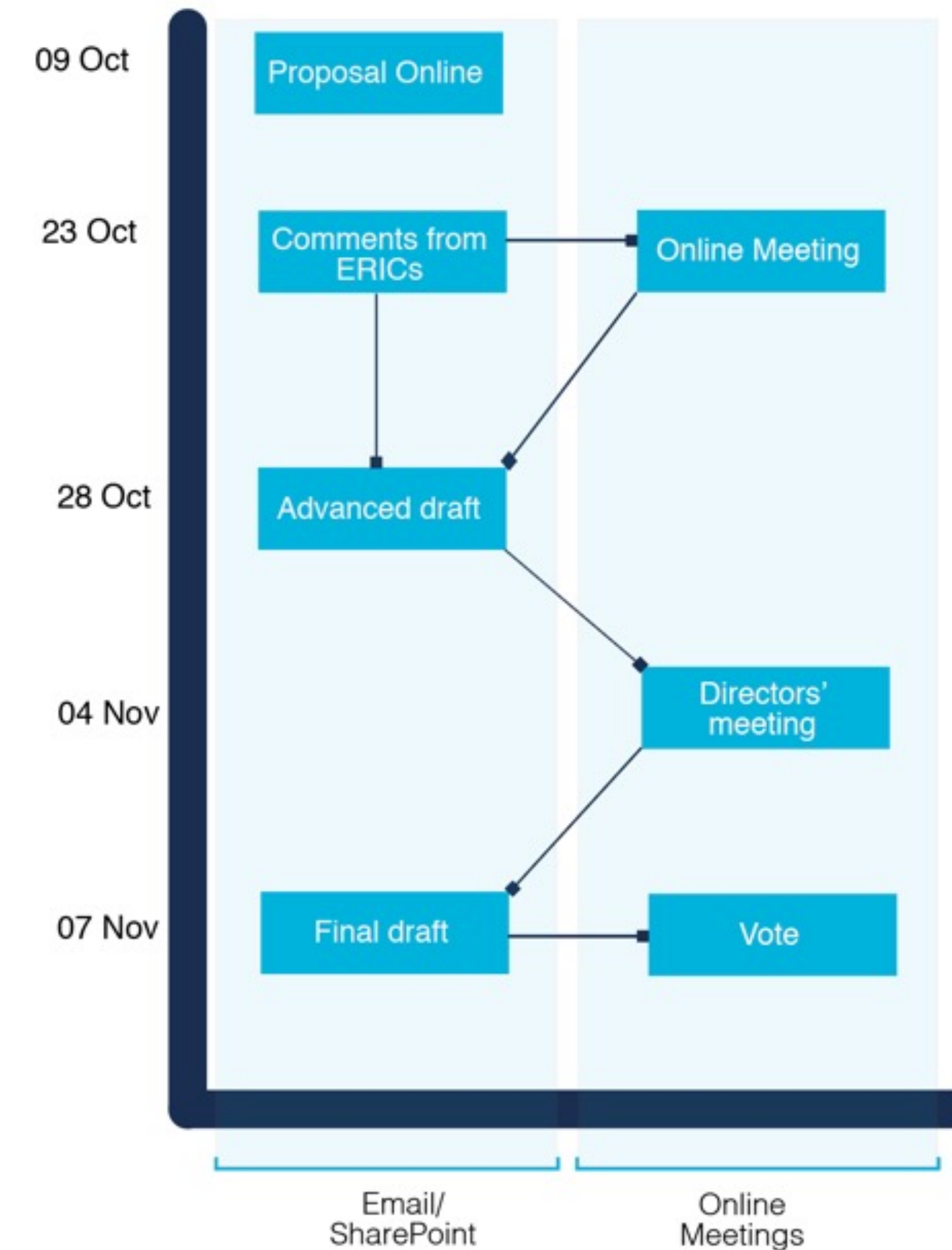
- In March 2020, the European Commission launched online consultation with the ERIC Committee delegates to collect feedback regarding the **revision of the ERIC Practical Guidelines**
- ERIC Forum consultation: The ERIC Forum collected **best practices and provided additional information** regarding selected items identified by the ERIC Committee delegates and prepared a thorough analysis for the European Commission

► Amendment of the Rules of Procedure

Rules of Procedure aim to **ensure the effective operation of the Forum, enhance collaboration between ERICs and help the Forum to deliver on its Mission**, in particular:

- **Identify common challenges** affecting the Forum Members as entities subject to the ERIC Regulation
- **Collectively develop responses** to these challenges
- Contribute to the further **development of the ERIC regulation, ESFRI framework** and European and international research context
- Foster the **visibility, impact and sustainability of ERICs**
- Ensure **proper attention for the diversity** among the ERICs

Amendement process

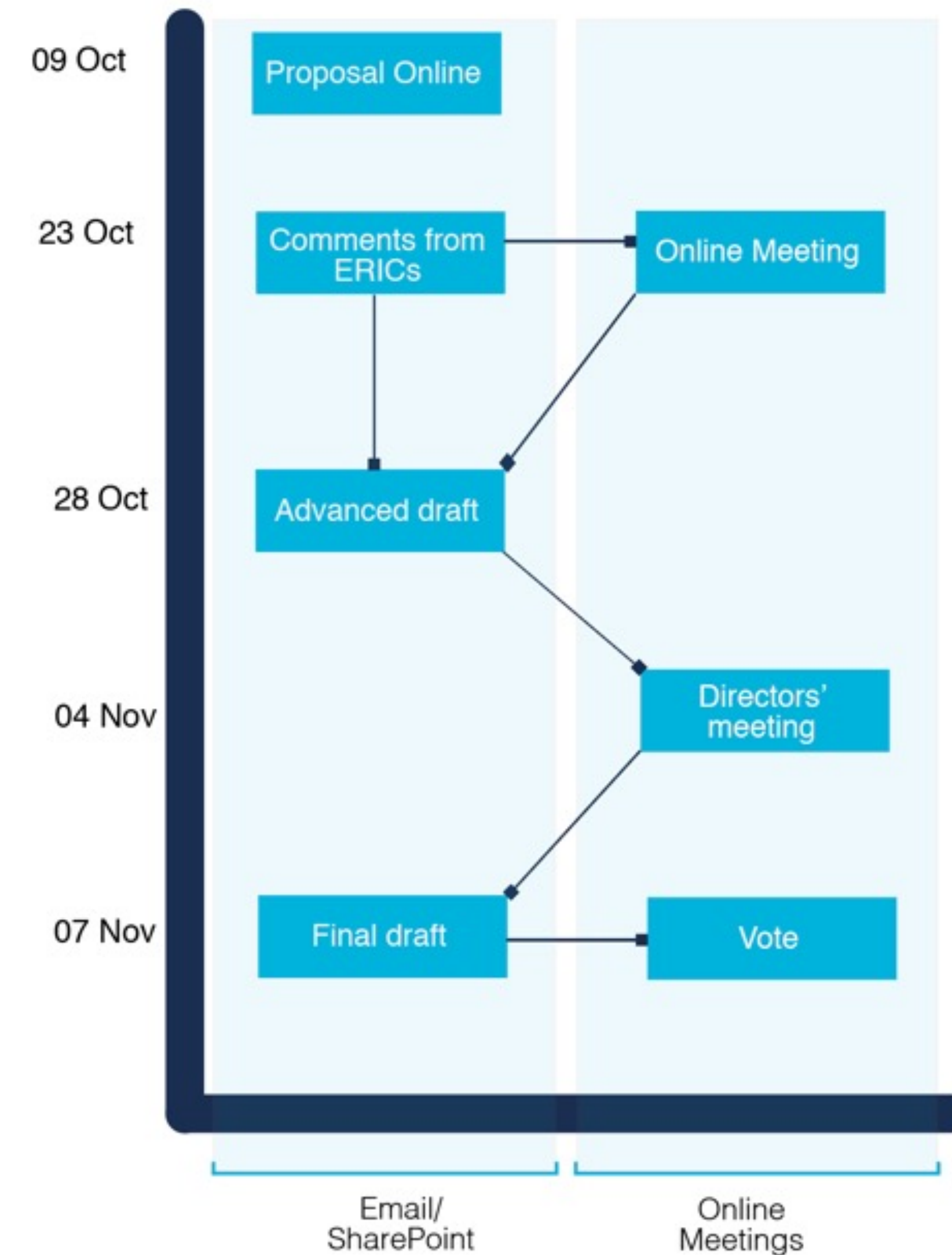


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Amendement process



► Preparing for the the dynamics to come

Foster the **visibility, impact and sustainability of ERICs**

- Consolidation of funding from countries is a common concern for all.
- Limited funds for direct support of RIs from HE compared to H2020 calls for new models and incentives for collaboration with disciplinary front runners.

Ensure **proper attention for the diversity** among the ERICs

- Policy and funding bodies have an understandable preference for harmonization, so differences across RIs in objectives, organisation, research culture, readiness for generating socio-economic impact, need to be underlined time and again.
- Thematic / disciplinary focus and strength of RIs as enablers of excellence might be obscured by growing attention for national infrastructures and generic services
- Cross-domain collaboration, rooted in disciplinary practices, will help advance the potential for impact. (Cross-domain ERIC Forum workshop on 10-11 February: Research Quality and Reproducibility)

see you @

info@eric-forum.eu

or

www.eric-forum.eu

Bringing European Research Infrastructure Consortia Together