PREPARATION OF A POTENTIAL ERIC ON HEALTH INFORMATION
Expert Group on Health Information

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ERIC Regulation

- Adopted in 2009 to facilitate the joint establishment and operation of Research Infrastructures of European interest among several countries and amended in December 2013 to better reflect contributions of associated countries in particular in terms of voting rights

- An ERIC is not a Union Body and the Commission Implementing Decision is not a funding decision

- First Report on the application of the ERIC Regulation was adopted by the Commission on 14 July 2014 COM(2014) 460 final and transmitted to Council and European Parliament

ERIC Implementation

- Although directly applicable, MS had to adopt appropriate measures and procedures for being able to host or become member of an ERIC and to assimilate the new legal entity in the national regulatory and administrative systems

- First ERIC established in 2011 (SHARE), second in 2012 (CLARIN), four in 2013 (EATRIS, ESS, BBMRI, ECRIN) and finally three in 2014 (Euro-Argo, CERIC, DARIAH). JIV will be the last (tenth) ERIC to be established before the end of 2014

- Four on-going ERIC applications: ICOS (Finland), Lifewatch (Spain), EMSO (Italy) and European Spallation Source (Sweden)

ERIC Implementation (2)

- Until now all established ERICs concern distributed RIs

- Two ERICs- CERIC and JIV- not part of the 2010 ESFRI Roadmap

- Around 20 MS and associated countries are involved in ERICs as members or observers

- ERICs are hosted until now in 6 MS; Netherlands (CLARIN, EATRIS and when established JIV), Germany (SHARE), France (ECRIN, Euro-Argo, DARIAH) , Austria (BBMRI), UK (ESS) and Italy (CERIC)

- Future adoption of ICOS (Finland), EMSO (Italy), Lifewatch (Spain) and Spallation Source (Sweden) would result in 9 MS hosting ERICs and include a first single site RI (Spallation Source)

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Next steps

- Sustainability

- Widening participation – Membership and Hosting

- Possible model for International Distributed Research Infrastructures (OECD GSF) and promoting international cooperation

- Providing support to new scientific communities and to evidence based policy making

- Stimulate use of the ERICs by industries and SME's

- Next Report on implementation of the ERIC Regulation to Council and European Parliament in 2017

2010 ESFRI Roadmap

Social Sc. & Hum. (5)	Life Sciences (13)		Environmental Sciences (9)		Energy (7)	Material and Analytical Facilities (6)	Physics and Astronomy (10)		e-Infra-structures (1)
SHARE	BBMRI	ELIXIR	ICOS	EURO-ARGO	ECCSEL	EUROFEL	ELI	TIARA*	PRACE
ESS Survey	ECRIN	INFRA FRONTIER	LIFEWATCH	IAGOS	Windscanner	EMFL	KM3NeT	CTA	
CESSDA	INSTRUCT	EATRIS	EMSO	EPOS	EU-SOLARIS	European XFEL	E-ELT	SKA	
CLARIN	EU-OPENSCREEN	EMBRC	SIOS	EISCAT_3D	JHR	ESRF Upgrade	SPIRAL2	FAIR	
DARIAH	Euro BioImaging	ERINHA BSL4 Lab		COPAL	IFMIF	NEUTRON ESS	SLHC-PP*	ILC-HIGRADE*	
	ISBE	MIRRI			HiPER	ILL20/20 Upgrade			
	ANAEE				MYRRHA				

RIs in the implementation phase

ERIC **established**

ERIC **in preparation**

Distributed research infrastructures

Single sited research infrastructures

State of Play Updating ESFRI Roadmap

The ESFRI Roadmap 2016 update process was launched in September 2014 in Trieste

New Roadmap is expected to be presented in spring 2016

ESFRI expects proposals for new (or major upgrades of existing) research infrastructures of pan-European interest corresponding to the long term needs of the European research communities, covering all scientific areas

Research Infrastructure projects identified in the Roadmap will be expected to move to implementation in less than 10 years from their first inclusion on the Roadmap.

State of Play Updating ESFRI Roadmap (2)

Altogether, the number of projects will be reduced to around 25, i.e. there is space for 8-10 new projects, in addition to 16 projects which are likely to stay on the Roadmap from the 2008 and 2010 editions

ESFRI will assess candidate projects on scientific excellence, pan-European relevance, socio-economic impact, e-needs and maturity level

In parallel with this assessment, ESFRI will carry out an in-depth analysis of the research infrastructure landscape in all scientific fields in Europe to provide a comprehensive picture of the existing research infrastructures of pan-European scope

State of Play Updating ESFRI Roadmap (3)

Entry level projects will be at a more mature level conceptual design and feasibility done supported by at least three MS/AC or financial commitment of a EIROforum member (CERN, EUROfusion, EMBL, ESA, ESO, ESRF, European XFEL, ILL)

Every 2-3 years audit of the project by ESFRI Implementation WG

Opportunities to add more projects in 2018 & 2020 as others roll off (at least 10 and 6 respectively)

State of Play Updating ESFRI Roadmap (4)

Proposals will be screened for eligibility and assigned to one of ESFRI's Strategic Working Groups (SWGs)

Scientific merit and pan European relevance (based on ESFRI criteria) will be assessed by the SWGs, using the advice of independent peer reviewers

Project and governance maturity will be assessed by the Implementation Working Group, again using advice from external experts, based on the approach used by the Assessment Expert Group in 2012

Evaluation procedures

➢ The assessment and the strengthening of accountability and evaluation practices for RIs will be a critical step for building an effective RI landscape in Europe

➢ Long-term commitments by funders require quality criteria, evaluation procedures and opt-out options

➢ Ex-ante evaluation processes should be based on rigorous metrics, carried out by experienced experts and scientists, and should take into account development potential and societal impact

➢ Coordinate national bodies/agencies involved in the evaluation of RIs and promote joint work to harmonise their ex-post evaluation and monitoring mechanisms as well as joint evaluation exercises

BioMedical RI ESFRI landscape

2006 — **2008** — **2010** → **2016**

2006	2008	2010
BBMRI	EMBRC	ANAEE
EATRIS	EU-OPENSCREEN	ISBE
ECRIN	EUROBIOMAGING	MIRRI
ELIXIR	ERINHA	
INFRAFRONTIER		
INSTRUCT		

ESFRI ROADMAP UPDATES

ESFRI Research Infrastructures

Biological Sciences

Biological Resources & Production Systems

Medical Sciences

Bioinformatics		
	Functional Genomics in the Mouse	Clinical Research
		Translational Medicine
		Biobanking
Structural Biology		
Marine Biology		High Security Labs
Imaging		
Chemical Biology		
Systems Biology		
Agri-ecosystems		
Biorepositories - Microorganisms		

1st generation RI   2nd generation RI   3rd generation RI

Strategic Working Group Health & Food

ESFRI — European Strategy Forum on Research Infrastructures

Thank you for your Attention!

HORIZON 2020