



DEFINITIONS, MODELS,  
METHODS, PROCEDURES &  
QUESTIONNAIRE

Strategy Report on Research Infrastructures  
**ROADMAP 2018**

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Swiss Delegate

**Info Day – 17<sup>th</sup> January 2017**

Málaga  
Spain



# OVERVIEW

- strategic role & robust methodology
- definitions
- RI lifecycle
- methods
  - evaluation of scientific case & assessment of implementation
  - minimal key requirements along dimensions and life cycle
- Roadmap 2018 procedures
- online questionnaire



# STATE OF THE ART RI ROADMAPPING

## STRATEGIC ROLE

- operate at forefront of European & global science policy
- carry out analysis of RI landscapes in five scientific domains
- ensure national commitments to implementation of RI on Roadmap
- provide advice & guidance on overcoming obstacles
- offer support to RI in portfolio & facilitate their implementation
- link regional, national, European & international levels

## ROBUST METHODOLOGY

- apply & improve common definitions, models, methods & procedures
- addresses entire life cycle safeguarding Long Term Sustainability (LTS) of RI portfolio
- organise open calls, check eligibility & review against clear & transparent criteria
- apply independent & international peer review
- adhere to strict principles, avoid conflict of interest & safeguard confidentiality
- apply `parallel` evaluation of scientific case & assessment of implementation



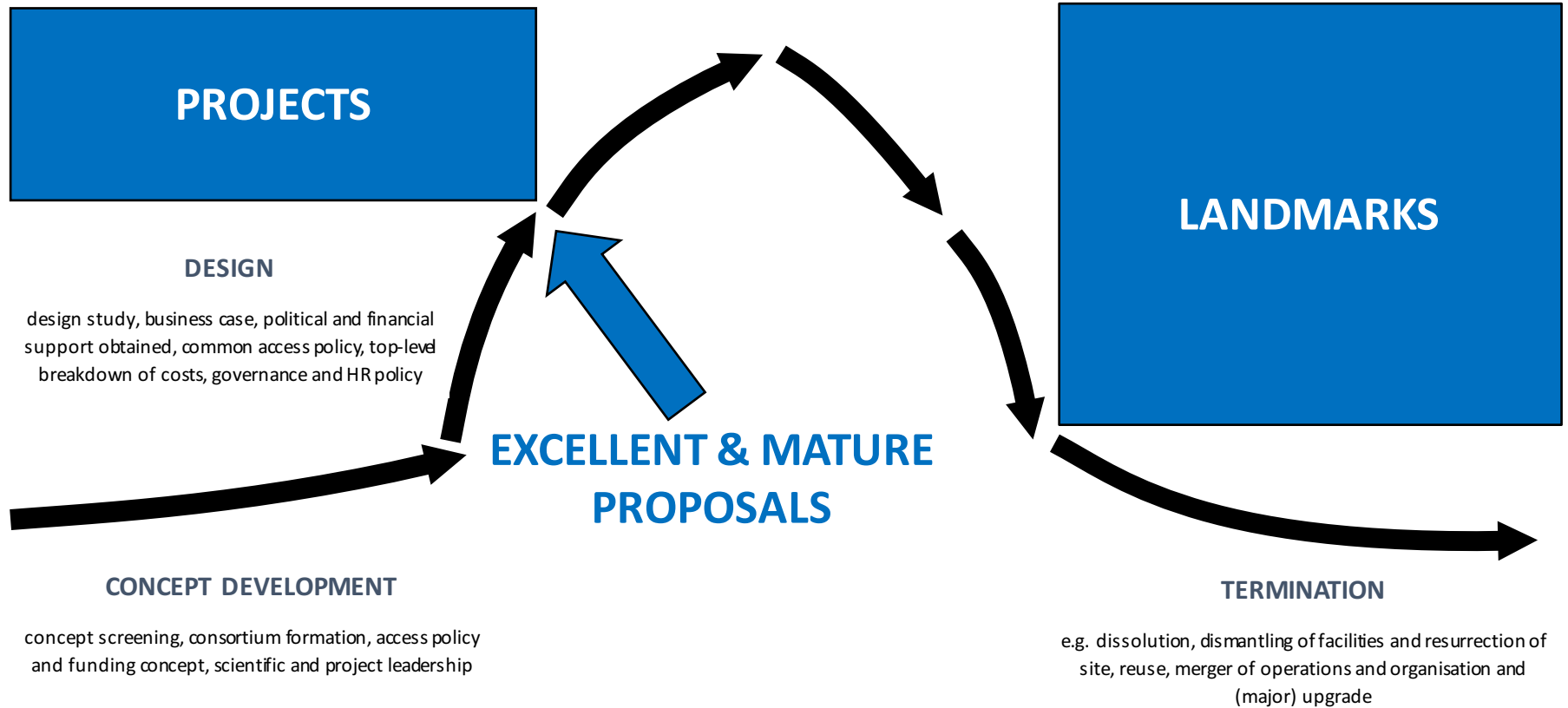
# DEFINITIONS

- Research Infrastructure
- Single-Site RI
- Distributed RI
- Global Research Infrastructure (GRI)
- Major upgrade
- Projects
- Landmarks
- Estimated and real costs

CONSULT PUBLIC ROADMAP 2018 GUIDE FOR COMPLETION OF YOUR PROPOSAL!



# RESEARCH INFRASTRUCTURE LIFECYCLE





# MINIMAL KEY REQUIREMENTS FOR SCIENTIFIC CASE IN PREPARATION: EXCELLENT

## SCIENTIFIC EXCELLENCE

- scientific vision and mission outlined
- (multidisciplinary) scientific new frontier outlined
- scientific leadership recruited
- science concept tested and found feasible
- services for the scientific community described

## PAN-EUROPEAN RELEVANCE

- case for European added value defined
- research capacity and current/potential geographical distribution defined
- links to relevant RI and other large pan-European programmes identified
- technical maturity and feasibility tested and achieved
- availability of scientific human resources proven
- distinct pan-European user community involved

## SOCIO-ECONOMIC IMPACT

case for impact made: investments into new RI, increased efficiency by use of facilities at pan-European level, employment, influx of external researchers at the locations, enabling technology development, other types of benefits such as services for society, cultural aspects and attraction of business, industry and public services etc.

## E-NEEDS

- conceptual design of e-infrastructure ready
- contributions of e-infrastructure resources at all levels (institutional, regional, national, international) described
- access policy and Data Management Plan (DMP) outlined

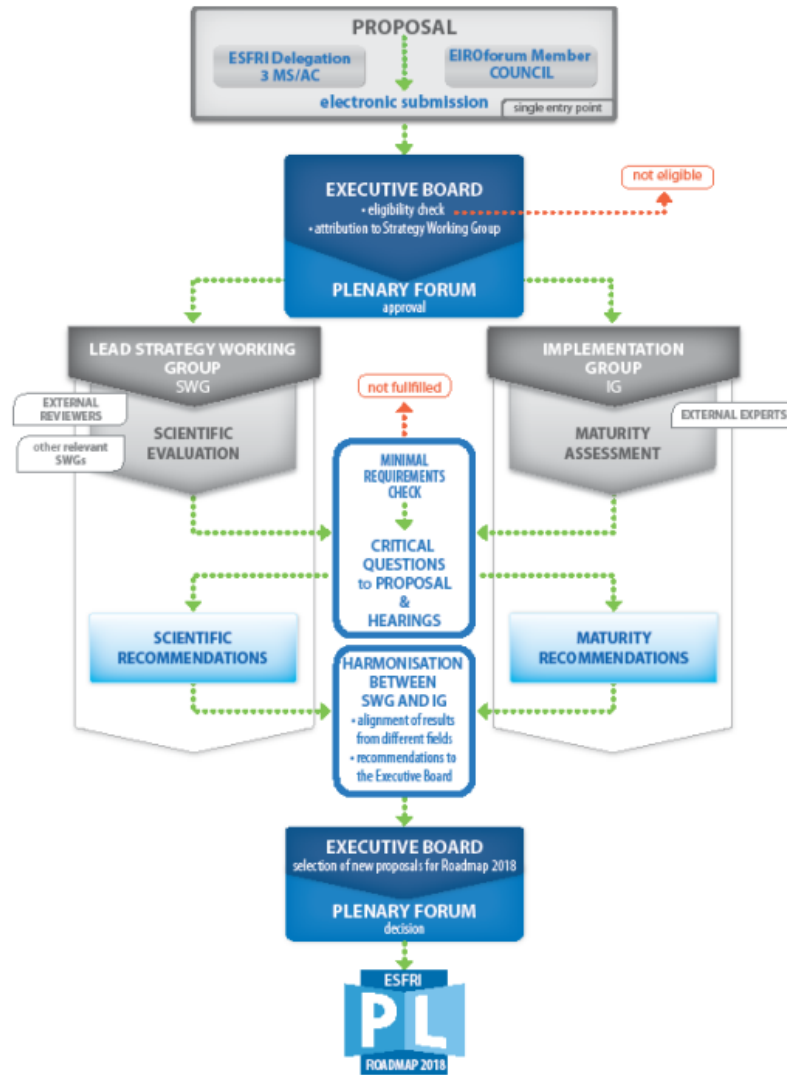


## MINIMAL KEY REQUIREMENTS FOR IMPLEMENTATION IN PREPARATION: MATURE

### FOR EXAMPLE:

- provide proof of political support, i.e. EoS by lead country AND at least two additional MS & AC signed by national ministries responsible for RI (or Council resolution)

MS AND AC HAVE OWN NATIONAL INFODAYS AND EARLIER DEADLINES FOR REQUESTING EoS



# ROADMAP 2018 WILL COVER

- landscape of RI in Europe and globally
- gaps in the European RI ecosystem
- new pan-European RI Projects
- synergies with regional, national, European and international RI & strategies for optimal use
- links between and integration of RI
- e-infrastructure needs & integration of RI in open e-networks
- continuous upgrade (if necessary), long-term sustainability & end of life perspectives
- innovation potential & socio-economic benefit analysis
- GRI opportunities & science diplomacy aspects – where appropriate





# RULES & PROCEDURES

- ESFRI Secretariat will provide password protecting data-entry to ESFRI Delegations and EIROforum members exclusively
- Lead Delegation or EIROforum member is responsible for submitted proposal
- ESFRI will validate stakeholder and financial commitments - including inclusion in national RI roadmaps - with ESFRI Delegations and Council Chairs of EIROforum members
- EB will check whether proposals are complete, submitted within deadline, written in English and compliant with requested stakeholder commitment and proposes to Plenary Forum a list of eligible proposals and their assignment to SWG  
> **eligible & ineligible proposals**
- SWG evaluate scientific case and IG assesses implementation in order to :
  1. propose **uncompetitive proposals** - if any - not invited for hearing and no longer considered as possible Projects
  2. draft and agree on **specific questions for clarification** by applicants during dedicated hearings (early 2018)
  3. propose **new Projects** for final check by EB and decision by Plenary Forum



# QUESTIONNAIRE

- online questionnaire consists of three parts to be completed fully
- PART A: GENERAL INFORMATION is used for eligibility check by EB and – if selected - for public description of Project in Roadmap 2018
- PART B: SCIENTIFIC CASE and PART C: IMPLEMENTATION are used by SWG to evaluate scientific and by IG to assess implementation
- questionnaire must be completed in one go as no saving of work underway is technically possible
- some questions require to tick bullet, to fill text section with limited number of characters or to upload supporting documents in PDF at maximum 1 MB each
- if you believe a question does not apply to your proposal, you may enter ‘not applicable’, but you should explain why question is not relevant in your case
- only electronic version of questionnaire may be used to submit proposals until 31<sup>st</sup> August 2017 at 18:00 CET



# 2018 SUBMISSION FORM

- hosted by EU Survey of European Commission
- available online after 25<sup>th</sup> January through [www.esfri.eu](http://www.esfri.eu)
- template in WORD will be provided online
- support and assistance: [esfri@ec.europa.eu](mailto:esfri@ec.europa.eu)



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# Questionnaire For Submission Of Proposals For Roadmap 2018

Fields marked with \* are mandatory.

This questionnaire consists of three parts to be completed fully:

PART A: GENERAL INFORMATION is used for the eligibility check by the EB and – if selected - for the public description of the Project in the Roadmap 2018.

PART B: SCIENTIFIC CASE and PART C: IMPLEMENTATION are used by the SWG to evaluate the scientific case of the proposal and by the IG to assess its implementation.

- This questionnaire must be completed in one go as no saving of work underway is technically possible.
- Some questions require to tick a bullet, to fill a text section with a strictly limited number of characters or to upload supporting documents in PDF at maximum 1 MB each.
- If you believe a question does not apply to your proposal, you may enter 'not applicable', but you should explain why the question is not relevant in your case.
- Only the electronic version of this questionnaire may be used to submit proposals for the Roadmap 2018 until the 31st August 2017 at 18:00 CET.

## PART A: GENERAL INFORMATION

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### NAME

Provide the name of your RI:

\* FULL NAME (maximum 200 characters with spacing)

*Text of 1 to 200 characters will be accepted (still 1 more characters expected)*

\* ACRONYM (maximum 20 characters with spacing)

*Text of 1 to 20 characters will be accepted (still 1 more characters expected)*



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THANK YOU FOR YOUR  
ATTENTION

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