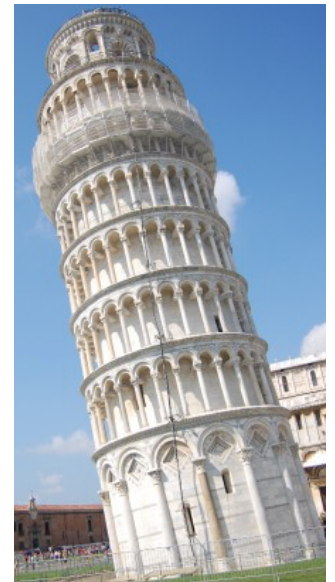


EURISOL DF : Project organization and budget

Angela Bracco
Università di Milano and INFN



Pisa, July 3, 2018



OUTLINE

- What is required by ESFRI
- Something to learn from success stories
- The organizational structure of EURISOL_DF (keeping in mind what is required by the application form)
- Some comments on the budget
- What are the main steps to be done and for which the organizational structure will play a role


A distributed facility and its key points and features

What is required by ESFRI

- Mission → Discussed and clear
- Impact → Discussed and clear
- Services → Discussed and clear
- **Structure and organization** →
- Global dimension → Discussed and clear
- Timeline → Discussed and clear

Such to control but
Also to drive
all these points

R-RIHS a Success story

 Heritage interpretation, preservation,
documentation and management

Social and Cultural innovation

IMPLEMENTATION

INNOVATION

ENERGY **MIRRHA**

ENVIRONMENT

HEALTH AND FOOD

SOCIAL AND CULTURAL INNOVATION

PHYSICAL SCIENCES AND ENGINEERING

INVESTMENT STRATEGIES IN E-
INFRASTRUCTURES

LONG-TERM SUSTAINABILITY

NEUTRON LANDSCAPE GROUP

DATA COMPUTING AND DIGITAL
RESEARCH INFRASTRUCTURES

FAIR- ELI-SPIRAL2



Prospective member countries: 11
Participants : 9





Some useful comments

2016

ESFRI
Roadmap
entry

2017- 2020

Preparatio
n phase

2020- 2021

Constructi
on phase

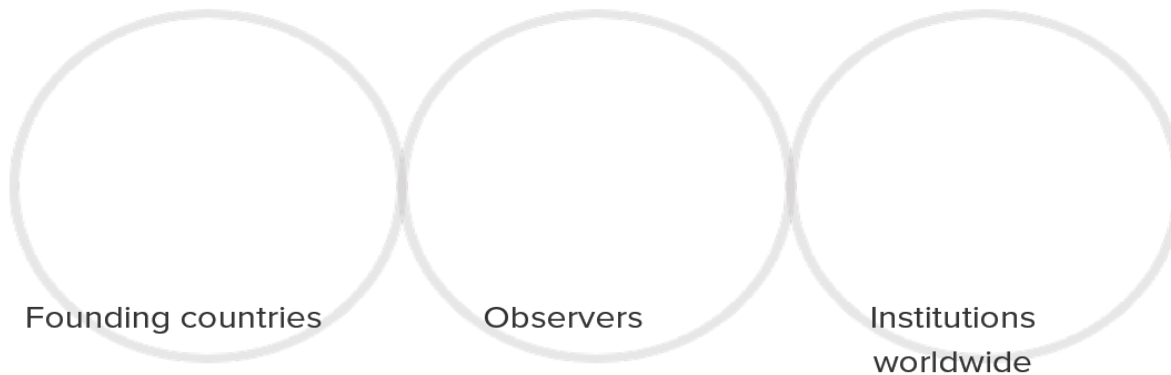
2022

Operation
phase

Preparatory Phase

to address legal
status and
governance/management
organization.
This will lead to
application to ERIC
demonstrators of
users access as implemented
by the consortium

PARTNERS



ESTIMATED COSTS

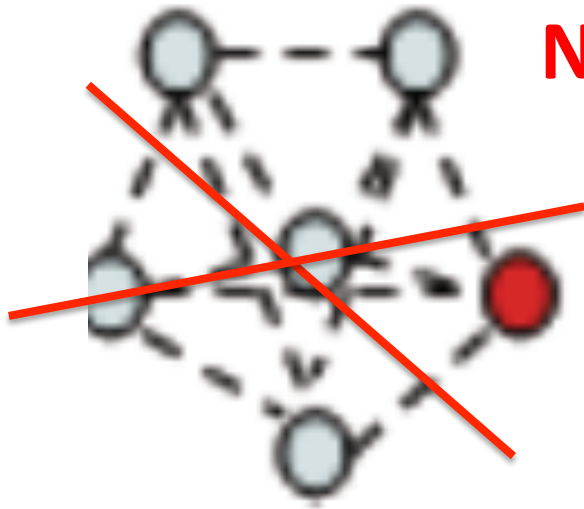
- Capital value: Not Available
- Preparation: 2 M€/year
- Construction: 4 M€ (Central Hub)
- Operation: 5 M€/year

HEADQUARTERS

Proposed in Florence, Italy. To be finalized in the Preparatory Phase with possibly the involvement of ICCROM-International Centre for the Study of the Preservation and Restoration of Cultural Property

Structure and organization Which one?

No!!



Network of distributed national nodes with **no central coordination**

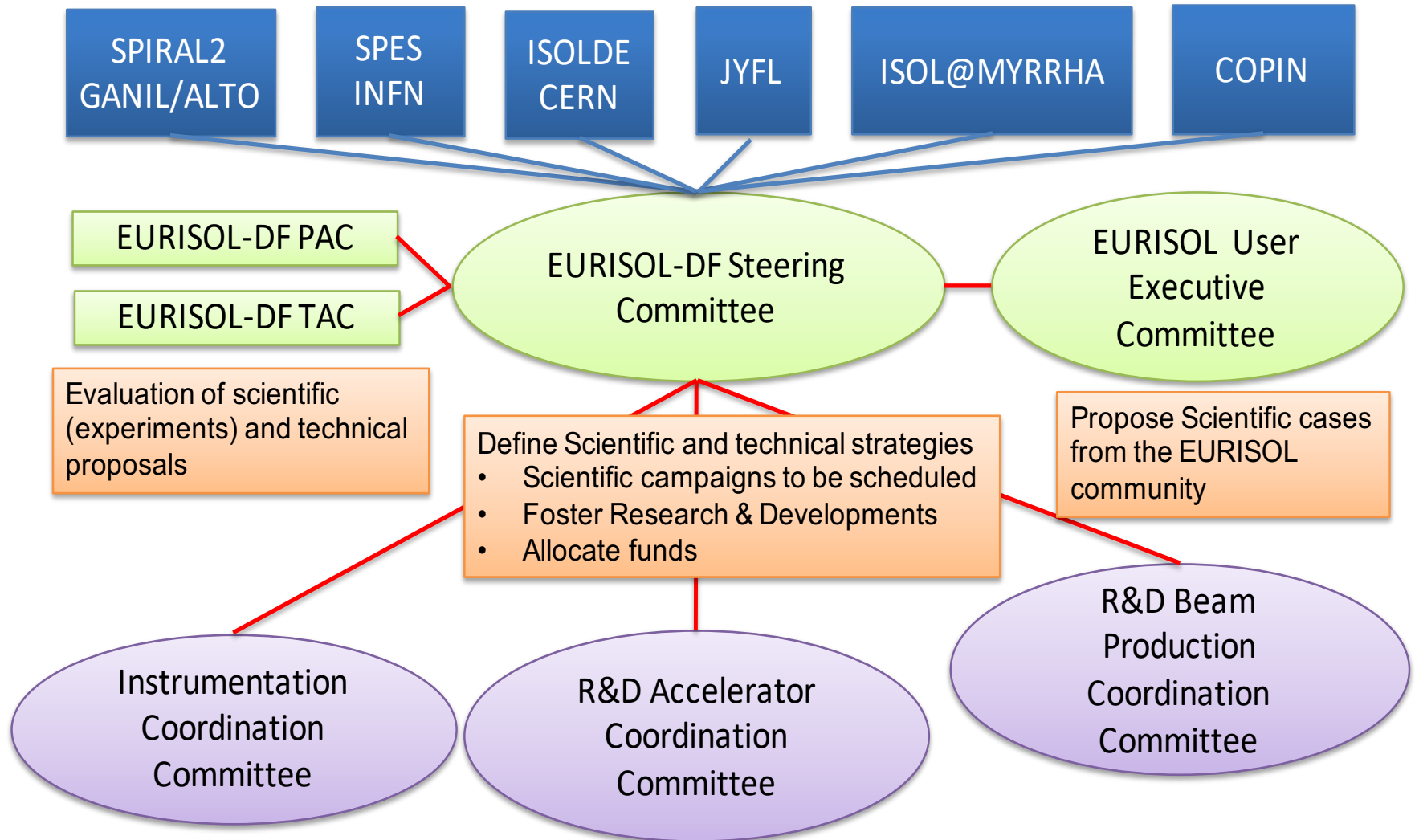
Yes!!



Multiple sites of RI have different places of operation and a **central coordinating mechanism**

Governing Body with Funding Agencies

Allocation of Resources



Facility or Partner	Preparatory Phase (in k€) EC request 4,5M€ in for 4 years total including 2M€ for R&D total for all facilities together	Operation of the facilities for the EURISOL-DF experiments from 2021 offered by facilities (in- kind contributions of individual facilities)				Upgrades of individual facilities 2021- 2023 in k€	Upgrades of individual facilities 2024- 2030 in k€
	Request from EC k€	in months of RIB/year	in k€/year	in months of other beams/year	in k€/year		
ISOLDE	350	2,0	4500			2000	>5000
SPES	350	4,0	2300			5000	5000
GANIL-SPIRAL2	350	3,0	12000	0,25	1000	23000	130000
ALTO	350	1,0	400			400	900
ISOL@MYRRHA	350	1,5	3500	2,00	200	3500	to be estimated
JYFL	350	2,0	1600			1000	20000
COPIN Consortium	350			1,00	350		
EURISOL-DF consortium management, organisation, legal structure etc.	2000		200				
Total	4450	14	24500	3	1550	34900	>155900

Concluding remarks:

- The legal and organizational/Governance framework for the EURISOL-DF project is being conceived to sustain and facilitate the scientific and technical activities of the community involved in the science based on ISOL radioactive beams.
- The general underlying features are the exploitation of synergies among the pillars and the flexibility to adapt to possible scenario changes in order to realize programs always at the frontier.
- The legal framework is to comply with the needs of the users and of the operation of the participating infrastructures and moreover to get easily formalization for actions that are beneficial to common or overlapping activities. An important point is that the legal framework is tailored to these goals and will go much beyond the ongoing collaborations, MoU and international agreements.

The real legal issues to be delt in the preparatory phase- However already from now one has to be aware of the steps to be made and of the possible difficulties related to them