



Director's Report

LNGS – LI SC
April 1st , 2019

1. Procedure for approval of new experiments
2. LNGS status

Rules for experiments

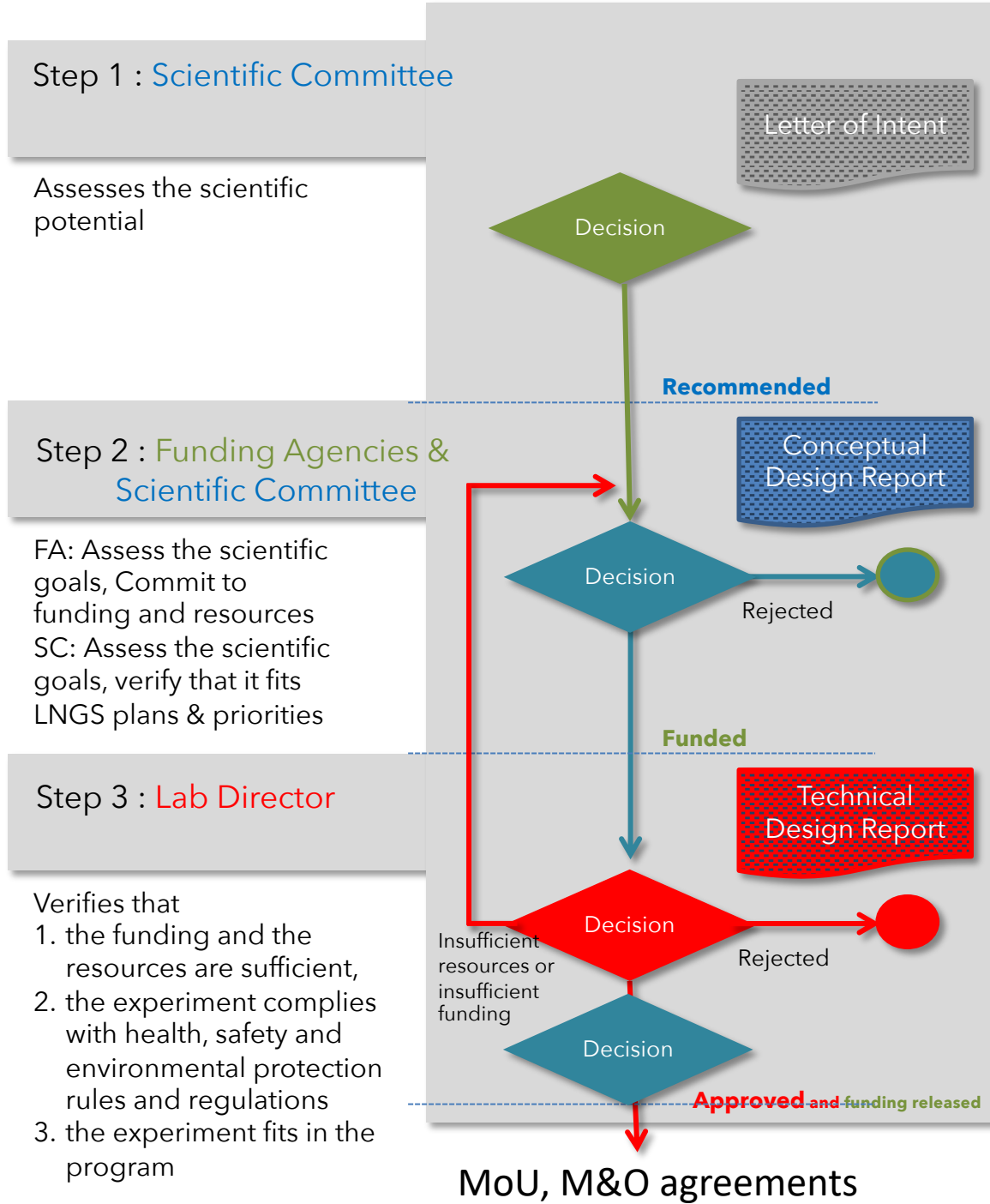
- LNGS Rules for proposals
 - Scientific goals
 - Structure of the collaboration
 - Mandatory roles: SP, TC, GLIMOS&RAE
- INFN “General rules”
 - MoU
 - ...
- Questions:
 - What about impact on LNGS resources?
 - Is the proposed activity compliant with safety and environmental regulations?
 - Who and when approves the experiment: Funding Agencies? LNGS SC? LNGS Director?

Recommendation to LNGS by INFN International Evaluation Committee (Chair Stew Smith)

LNGS-1. The laboratory should set up a stepwise “gateway” process for approving and supporting proposed new experiments and upgrades, going beyond assessment of the physics potential to make sure the safety issues and impact on LNGS resources are understood and covered.

Milestones: Lol, CDR, TDR

Lol and CDR to be submitted at least 60 days before SC meeting



LNGS Operations

- “Seveso” Safety Report has been accepted by the Regional Technical Committee, chaired by the Regional Director of the Fire Brigade
 - It has been accepted with recommendation and prescriptions
 - LNGS has to comply with prescriptions in a short term
- Process will be completed with the release of the CPI (Fire protection certificate) by the Fire Brigade: expected summer 2019

LNGS Going Green

- Coexistence with Gran Sasso large aquifer require a severe limitation on the use of dangerous substances (according to CLP classification)
 - **NEW** activities will go through **environmental scrutiny**
 - A full description of the **procedures** is recommended (e.g. components cleaning etc.)
 - Detailed legal aspects are being addressed with lawyers
- Borexino and LVD to be decommissioned by end 2020
- Opportunity for **NEW EXPERIMENTS**

Workshop: LNGS Horizon 2030

- Two new areas available: Borexino, LVD
- Call for:
 - proposals for new activities in the areas
 - May take advantage of the Borexino Water Tank
 - Suggestions for new facilities
- Call will be circulated as soon as some boundary conditions are clarified
- Tentative time interval for workshop: 2 days, 4th quarter 2019
 - 1st quarter 2020