

# Just to remind...

- In 2002, the **proposal for T3000** has been written, circulated discussed and approved by:
  - o Italian "Commissione Scientifica II" (for the physic program),
  - o Italian "Direttivo INFN",
  - o LNGS SC (for the physic program),
  - o SPS Committee.
- The **budget for the first T1200** module has been assigned, by INFN.
- Air Liquide has been entrusted (June 2002) for the "**Definitive Project**" of T1200.
- The **site installation project** (for T600 +...) has been delivered to LNGS and now **formally approved...**

# T600 installation into LNGS - 1

1. OK from the Labs for the **"definitive project"** of the site. We are looking for a new appraisal of the cost, to verify if the available funding is still enough. Part of the cost will be covered by LNGS.
2. The approval for the **"Risk Analysis"** (RA second version, probably the last one...) is not yet obtained. The foreseen meeting of February 18 has been delayed.
3. When also the RA will be approved (within 15 days?), the tenders for the **T600 site implementation** could be started.
  - a. **Re-liquefiers.** The "technical specifications" are yet been written. We are thinking to a contract for the GN<sub>2</sub> re-liquefaction. The tender, probably, has to be handled by the LNGS authorities.

# T600 installation into LNGS - 2

- b) **The plant.** The tenders will be for **the “executive project” and the construction.** The frame will be separately considered from cryogenic components and the detector assembly.
  - c) **The LAr supply.** Part of the LAr is that already used for Pavia run, but the quantity needed for the the first module refilling and the the second one filling has to be bought.
4. In the meantime, the definition of the main characteristics of **the needed ancillary services** (power supply, hall ventilation and so on) has been started. A good collaboration of the technical Service of LNGS has been obtained. Problems with the **available power** are to be taken in account...

# T1200 “definitive” project.

- Once approved the “definitive” project of T600 installation, the “definitive” project of T1200 can now be completed.
- The ancillary services (re-liquefaction, LAr/GN<sub>2</sub> tanks and so on), needed for T3000 ICARUS detector, are on charge of the T600 installation and then are also approved.
- The T1200 frame is under evaluation for the earthquake.
- Some problems (see later) of the design are not yet solved. Work is in progress.