

The 3 technologies have complementarity Physics and common R&D

✦ **Networking activities**

- ✦ A1) Physics potential of Large Deep Underground experiments in both non- accelerator and accelerator sectors, interdisciplinary aspects (geoneutrinos)
- ✦ A2) Underground Laboratories for very large detectors : best strategies for excavation, access and equipments (ventilation, air-conditioning, power supply, low background environment, etc.),
- ✦ A3) Safety optimisation in Very Large Underground Facilities
- ✦ A4) Interdisciplinary aspects of the facility

✦ **Joint Research Activities**

- ✦ B1) Development of low-cost photo-sensors for Cerenkov and scintillation processes in optical and DUV regions, of different types (vacuum or gaseous, in connection with industry)
- ✦ B2) Development of solutions for low-cost readout electronic for a large number of channels
- ✦ B3) Development of large scale liquid production and purification systems
- ✦ B4) Technical feasibility and safety of large underground liquid containers (tanker)
- ✦ B5) Site definition and local studies for large scale caverns with large underground apparatuses (rock/salt quality, access requirements, ventilation systems, power supply, ...)

Start structure for FP7, connection with ILIAS...