

## IRUVX Membership Criteria

### FULL MEMBERSHIP

#### **A. Research Infrastructures (RI) in Operation and at the Project Level**

##### *A.1 Strategic and Scientific Criteria*

- RI is of pan-European interest and fits the coherent and strategy-led approach to European research
- RI contributes to the enhancement of the European research area and matches the requirements for the development in the fields of basic and applied science in Europe and is of international relevance
- RI corresponds to the cutting edge future needs and has a strong impact on scientific developments
- RI is/will be open to the use by the European and international research community, based only on quality of the proposals
- RI offers/will offer good possibilities for European partnership and commitment of major stakeholders

#### **B. Research Infrastructures at the Project Level**

##### *B.1 Strategic and Scientific Criteria*

- RI will allow significant scientific advances if compared with other existing facilities and will be rare at European and international level

- RI corresponds to the scientific needs in the field within the time frame of the ESFRI Roadmap and is being supported by the appropriate scientific community
- RI has an established permanent International Advisory Committee
- RI has a developed scientific case which is supported by the national (and international?) scientific community

### ***B.2 Financial Criteria***

- The financial feasibility of the project has been demonstrated, i.e. the construction costs and operation costs have been evaluated
- A clear time table has been developed for the project
- The project is supported by the funding bodies at a level of at least 10 % (or: a level of 5-10%?) for the execution of the project.

### ***B.3 Technical Criteria***

- The project is mature and the technological feasibility of the project has been demonstrated by a technical concept and feasibility studies
- *(if the project is in the R&D phase with uncertain results, it has to be demonstrated that fallback solution exists which can be activated for a successful completion of the project)*
- Challenges and risks of the project have been identified.

## ASSOCIATE MEMBERSHIP OF EU PARTNERS

*A.1 All criteria of A1 have to be fulfilled*

*The criteria of B.1 to B.3 are slightly modified*

### ***B.1 Strategic and Scientific Criteria***

- RI will allow significant scientific advances if compared with other existing facilities and will be rare at European and international level
- RI corresponds to the scientific needs in the field within the time frame of the ESFRI Roadmap and is being supported by the appropriate scientific community
- The conceptual and technical developments performed for the RI has relevance for other existing and future facilities.
- RI has been evaluated by an ad hoc or permanent International Advisory Committee.

### ***B.2 Financial Criteria***

- The financial feasibility of the RI has been demonstrated, i.e. the construction costs and operation costs have been evaluated and a credible financial plan to cover all expenditures exists
- The timetable for design, construction and operation is clear and credible.
- A commitment of the funding agency/institute exists for the RI and money has been allocated for the conceptual development of the project, R&D and prototyping

### *B.3 Technical Criteria*

- A strategic way for the technical realization of the RI has to be demonstrated.
- Challenges and risks have been identified.
- The RI will contribute to the scientific/technological advancement in the field and offers improved performance

## **C. ASSOCIATE MEMBERSHIP OF NON - EU PARTNERS**

Is regulated by individual bilateral MoUs (as for instance LIGO does for all members) in which the individual obligations and rights are defined.