

Institutul National de Cercetare-dezvoltare In Informatica	ICI Bucuresti	Romania
European International Research Organisations	Partner Institution	Acronym
HQ	European Organization for Nuclear Research	CERN Switzerland
European Molecular Biology Laboratory	EMBL	Germany
Partner	Acronym	Country
Taiwan	Advanced Science and Technology Institute	ASTI Philippines
Institut Teknologi Bandung Bhm	ITB	Indonesia
Institute Corporation, High Energy Accelerator Research Organisation	KEK	Japan
Korea Institute of Science and Technology Information	KISTI	Republic of Korea
University of Melbourne	UNIMELB	Australia
NUS	Singapore	Universiti Putra Malaysia
National Science & Technology Development Agency	NSTDA	Thailand

Â Project Participants from Moldova.

Moldova participates in the project as MD-Grid JRU Consortium with RENAM as Contractor and following third parties - JRU members:

- FRT-TUM - Faculty of Radioelectronics and Telecommunications of Technical University of Moldova
- IGS ASM - Institute of Geology and Seismology of the Academy of Sciences of Moldova
- SHMS State Hydrometeorological Service of Moldova.

RENAM is responsible for NGI development and its sustainable operation, extension of the National Grid infrastructure by installation of new clusters and their inclusion into common Grid segment of Moldova and into the Pan-European EGI.eu infrastructure. RENAM assures operation of Grid sites, support of development and functioning of applications in the fields of seismology, climate modeling, ecology and mathematics. RENAM is responsible for users and Grid sites engineers training and takes part in dissemination and public relations activities.

FRT-TUM cooperates with a significant number of universities and centres from different countries, participate in project as a third party behind RENAM Association. The grid node installed at the faculty together with its grid infrastructure and specialists participate in the EGI-Inspire project offering resources for weather environment and earthquake monitoring applications development and use support in collaboration with regional neighbors from Romania, Bulgaria and Turkey.

IGS ASM provides contributions on real-time monitoring of earthquakes and development of regional monitoring capacities, implementation of real-time seismic data processing and real-time data exchange at regional and international level. Despite the territory having high earthquake hazard and risk, its seismic activity remains poorly monitored. Moreover, cross-border data exchange and regional applications for data accumulating and processing, which are essential for good quality monitoring, are very limited. As a consequence, it is constraining ability to cooperate with the international research and engineering community.

SHMS contributes by testing and deployment of a pilot application. The service infrastructure and specialists are involved into MD-Grid JRU scientific research and production grid activities in requirements definition, input data provision and interpretation of results on national, regional and international levels.