



**of the European Atomic Energy Community (Euratom)
for nuclear research and training activities (2007-2011)**

Coordination and Support Action

HeLiMnet

Project title: **Heavy Liquid Metal Network**

Project number: **249677**

Project coordinator: **Consiglio Nazionale delle Ricerche CNR, Roma,
Italy**

FZD participant: **Institute of Safety Research**

Starting date: **20.01.2010**

Duration (months): **24**

Summary

HeLiMnet is a project aimed at integrating the R&D efforts going on within and outside Europe, in different areas of investigation. In particular it is intended to create a large and strong network for the diffusion of information on the HLM technologies, exploiting the characteristics of both the new information technologies in order to create a virtual space for debates, focus groups and information exchanges and the traditional tools as workshops, seminars, information days etc.

It aims, moreover, at rationalize the knowledge through the development of guidelines, protocols and standards, with particular attention to the homogenization of operational procedures in order to have a better control on the quality and comparability of the experimental data obtained in different labs.

Finally, one other HeLiMnet goal is the appraisal of the liquid metal technology research area, through the analysis of approaches and activities going on at national and international level in different areas of investigation (fission (LFR, ADS, SFR), neutron spallation targets and fusion), the identification of possible cooperation, the definition of existing gaps and possible future R&D activities to cover these gaps.