

THE EURISOL-DF PROJECT

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A future EURISOL ISOL Radioactive Ion Beam facility is together with FAIR, the major aim of the nuclear physics community in Europe, a priority triggered by the need of accessing reliable information on nuclei far from stability. The major European ISOL RIB facilities, ISOLDE-CERN, SPIRAL2-GANIL and SPES-INFN, with future ISOL@MYRRHA, proposed recently the EURISOL - Distributed Facility (EURISOL-DF) project as a necessary intermediate and ambitious step for scientific and technical aspects towards EURISOL. The goals of the EURISOL-DF are to prepare strong scientific case for RIB science and applications; support, upgrade, optimize and coordinate ISOL-based European facilities and projects; foster R&D on RIB production and instrumentation towards EURISOL; get EURISOL-DF on the ESFRI list as a candidate project by 2018.

The EURISOL-DF initiative is coordinated by the EURISOL Steering Committee (Belgium EURISOL Consortium, COPIN Poland, ISOLDE-CERN, JYFL Finland, SPES-INFN Italy, SPIRAL2-GANIL France) and is open to all European RIB facilities.

The status of major European ISOL RIB facilities and the whole EURISOL-DF initiative will be presented.