



An Atlantic Network of Geodynamical and Space Stations (Project RAEGE)

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Project RAEGE (“Red Atlántica de Estaciones Geodinámicas y Espaciales”) intends to set up a Spanish-Portuguese network of four Geodetic Fundamental Stations in Yebes (1), Canary Islands (1), and Açores Islands (2), as part of the developments needed for the IVS VLBI2010 scenario.

It is envisaged that each Geodetic Fundamental Station will be initially equipped with one radiotelescope of VLBI2010 specifications (13.2-m diameter and fast slewing speed, able to operate up to 90 GHz), one gravimeter, one permanent GPS station and, at least at the Yebes site, one SLR facility.

Three radio telescopes have been contracted to MT Mechatronics (Germany) and are under construction, the first to be delivered to Yebes in 2012.

The infrastructure for the Yebes (Spain) and Santa Maria (Açores) stations are also under construction. Studies are now being conducted to select the optimal site in Canary Islands.