



EPOS-IP WP10: services and data provision for the GNSS community

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The EPOS-IP WP10 – “GNSS Data & Products” is the Working Package of the EPOS-IP project in charge of implementing the necessary services in order that the geo-sciences community can access the existing Pan-European Geodetic Infrastructures. The WP10 is formed by representatives of the participating institutions (10) but it is also open to the entire geodetic community. In fact, WP10 also includes members from other institutions/countries that formally are not participating in the EPOS-IP.

During the EPOS-IP project, the geodetic component of EPOS (WP10) is dealing essentially with Research Infrastructures focused on continuous operating GNSS (cGNSS). The option of concentrating the efforts on the presently most generalized geodetic tool supporting research on Solid Earth was decided in order to optimize the existing resources. Furthermore, although the focus is on Solid Earth applications, other research and technical applications (e.g., reference frames, meteorology, space weather) can also benefit from the efforts of WP10 towards the optimization of the geodetic resources in Europe.

We will present and discuss the plans for the implementation of the thematic and core services (TCS) for GNSS data within EPOS and the related business plan. We will focus on strategies towards the implementation of the best solutions that will permit to the end-users, and in particular geo-scientists, to access the geodetic data, derived solutions, and associated metadata using transparent and uniform processes. The collaboration with EUREF is also an essential component of the implementation plan.