G-OWS: the Grid-enabled Open-Geospatial Web Services Working Group

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The Grid-enabled Open-Geospatial Web Services (G-OWS) Working Group objectives and activities are presented and discussed. In this preliminary phase, the WG is comprised of the following EC-funded projects (FP6 and FP7): CYCLOPS (); GENESI DR (); DORII (). G-OWS main scopes are:

• To address the OGF and GLite/EGEE standardization needs as far as the Earth and Space Science, GMES and INSPIRE Communities are concerned.

• To establish an open forum to govern the implementation specification for OGC services on the GLite platform. In fact, this is important to allow effective grid-enabled implementations leveraging the GLite assets. Besides, the forum can play an important role to assure real interoperability among the different implementations.

• To contribute to the OGC-OGF interoperability forum and experiments.

The WG has worked for accomplishing the following principal tasks:

• To release a standard GLite package consisting of the GLite implementation specifications and related reference implementations developed by the involved EC projects (i.e. Web Coverage Service: WCS; Web Processing Service: WPS; Web Feature Service: WFS; Catalog Service for Web: CSW; Sensor Observation Service: SOS).

• To disseminate the WG activities.

• To reach out to other European Projects and Communities and invite them to join the WG.