Grant Agreement number: **248095**

Project acronym: **Q-ESSENCE**

Project title: **Quantum Interfaces, Sensors, and Communication based on Entanglement**

Funding Scheme: **Collaborative Project (Large-Scale Integrating Project)**

DELIVERABLE REPORT

Deliverable no.:	**D 4.1.1**
Deliverable name:	**Annual scientific report**
Workpackage no.	**WP4.1**
Lead beneficiary	**UWAW**
Nature	**R = Report**
Dissemination level	**PU = Public**
Delivery date from Annex I (proj month)	**31/03/2011**
Actual / forecast delivery date	**31/03/2011**
Status	**Submitted**

Section 3.2.2 of the Project Periodic Report submitted to the European Commission documents the delivery.

Q-ESSENCE consortium is obliged to prepare project reports after each project year. The first year of the project ended with January 2011, and the preparations for the report were launached already at the end of 2010. This involved each beneficiary, who had to provide individual contributions to the report on the progress of the work during the first year, and the accomplishments of milestones and deliverables.

To facilitate the process Q-ESSENCE consortium has used the intranet established in 2010, which allows easy information gathering and exchange. The coordinator worked closely with SP Leaders to establish an optimal strategy for the preparations of annual report. To prevent difficulties and delays project partners were asked to present their progress during the project meeting in Munich (28-29th January 2011). This was an excellent opportunity for discussion of results and project evolution.

Q-ESSENCE project structure implies a natural hierarchy of the information exchange. Each beneficiary identifies due workpackages and communicates the progress within these workpackages to the corresponding WP Leaders. The latter communicate with SP Leaders, who, in turn, communicate directly with the coordinator. On the other hand, the coordinator communicates with the entire consortium regarding general reporting issues.

Each partner had to provide information also on the use of resources within Q-ESSENCE, which refers to the major costs and personnel costs. The informaton on the explanation of the use of resources was collected from partners directly by the coordinator, since it relates to the financial issues.

The coordinator, being the lead beneficiary in Sub-Project 4, was leading the reporting for this part of the project. The latter included reporting the management issues, dissemination (together with UOXF.DU) and MTC issues (tegether with IPSAS).

Gathering the information during the reporting period was an opportunity to update the project website, especially with respect to project results, publications and presentations.

The coordinator has prepared a list of project publications, to be delivered to the Project Officer and reviewers.