

ENVIRONMENTAL AND LOGISTICS INTEGRATED IN CONSTRUCTION PROJECT MANAGEMENT

ELINCPM

(2001-2004)

OBJECTIVES

The project was aimed to develop an integrated, organisational construction project management system (ICT-CPM pack), and a model of implementation in SMEs.

The system, based on ICT-Platforms, was adapted to the competence and operational level in the SMEs.

The project included the developing and testing of special procedures and critical tasks in:

- Building and refurbishment focusing on environmental aspects.
- Integration and collaboration between technical installation companies.

The project was oriented to the reduction of resources and/or to the creation of better working environment, as well as to the reduction of the consumption of materials, and to the reuse of materials, focusing on recycling and reduced waste (enterprises with environmental focus) and collaboration and material logistics (SMEs with logistic focus).

The ICT-CPM pack was put on the market in Europe, with practical examples from four out of the six SMEs participating in the project. The ICT-companies, together with the RTDs, marketed the ICT-CPM model as part of their software/system portfolio and as a result of their effort put to increase efficiency in the construction/building industry.

RESULTS

The result of the project was the development of HolteProsjekt Web-based Quality Assurance System, an integrated organisational construction project management to encrease the efficiency of SMEs.

- Improving the document management.
- Improving internal processes.
- Improving external processes.
- Introducing New Technologies to SMEs personnel.

CONSORTIUM

Moderne Byggfornyelse A/S – Sotencil – Natur System, S.L., – Tecno Impianti – Schuppe + Siska Elektrotechnik – Tekrom – HolteProsjekt Solutions – Norwegian Building Research Institute – Instituto Superior Técnico – Technical University of Catalonia / Group of Construction Research and Innovation (GRIC).

MORE INFORMATION

<http://cordis.europa.eu/fp5/projects.htm>

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