**Overall Objectives and Budget**

Project aim: facilitating high penetration of intermittent renewable energies in the European grid by unblocking the potential for energy storage infrastructure.

Overall objective: help creating the regulatory and market conditions that will give incentives for development of the necessary storage infrastructure.

Budget: 1,643,642 €

**Technical Barriers and Targets**

Energy storage, as part of an integrated approach including grid reinforcement and demand management, helps accommodate higher percentages of renewables. stoRE deals with non-technical barriers to energy storage, supporting changes that will allow decision makers to ensure developments that will be in the best interest of society.

**Technical Accomplishments / Progress / Results**

Technology overview: The status of the bulk storage technologies has been documented and the potential and the requirements for storage in future energy systems have been assessed.

Environmental issues: Recommendations for policies and practices in pumped hydro and compressed air storage that do not impose barriers but still protect the environment have been developed based on a wide stakeholders consultation.

Regulatory analysis in Europe: Key elements in the European regulatory and market frameworks that could affect the development and operation of storage infrastructure have been identified; recommendations are under development based on stakeholders consultation.

**Future Work**

A guide for pumped hydro project development in environmentally sensitive areas is currently under development.

An analysis in the target countries (Ireland, Denmark, Germany, Spain, Greece and Austria) will be conducted to identify key elements in the regulatory and market frameworks that affect the storage infrastructure. Recommendations will be developed based on stakeholders’ consultations.

Events and meetings will be organised to promote the uptake of our results.

**Conclusions and Major Findings**

Energy storage is attracting increasing interest. Several issues need to be addressed in the regulatory and market environment, but the framework conditions are rapidly changing and decision makers have an open mind about the approach to follow.

**Project Overview**

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- From 05/11 to 04/13
- www.store-project.eu