



PARTNER SEARCH FORM

For projects in the SmartGrids ERA-Net call

DATE: 2010-03-10

PROJECT INFORMATION

TITLE: The Impact of Prosumers and Virtual Power Plants in a SmartGrid based Energy Market

ACRONYM: IPVPP

SUMMARY:

Prosumers and Virtual Power Plants (VPPs) are emerging concepts in a SmartGrid community. This project will study the impact of such participants in the future energy markets, focusing both on commercial and technical aspects. Scenarios will be run to simulate effects from different strategies related both to optimal utilization of the different components (distributed generation, storage, demand response) and different strategies for trade in the energy markets.

KEYWORDS: Prosumers, Virtual Power Plants, Trading, Optimization

CALL: SmartGrids ERA-Net

PARTNERS INVOLVED: Norwegian Center of Expertise Energy and Emissions Trading Halden (<http://www.ncehalden.com>), Navita Systems AS, Tieto Energy AS, moreCom AS, Digital Xalliance

PARTNER SOUGHT

PROFILE REQUESTED: Research partners or companies with competence in modeling distributed generation systems, demand response or in optimization techniques related to scheduling and trading.

ORGANISATION TYPE:

SME

Large Company

University

Research Centre

Consultant

Other

HOW MANY ADDITIONAL PARTNERS ARE REQUIRED? Minimum 2

CONTACT PERSON

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*This information will be published and disseminated.