

Smart Grid Projects Survey

(*) required field

Project acronym: *

Short name for the project

Project full name:

e.g. Smart Grid Project 2020

Project full name:

e.g. Smart Grid Project 2020

Project website:

Project logo:

ADD

Start date: *

Please provide an estimation

End date: *

Please provide an estimation

Prevailing stage of development

You can select more than one

 ↓

Project main application: *

Pick one from the list

 ↓

Countries involved: *

You can select more than one

 ↓

Brief project description. Specifying goals and main areas of innovation *

Minimum 100 characters

ORGANIZATIONS AND IMPLEMENTATION SITES

Please provide detailed addresses. Based on these your project will be placed on our map (<http://ses.jrc.europa.eu/project-maps>)

Leading organization name: *

eg: Global Electric Company SA

Leading organization address: *

Enter address or click on map

Leading organization type: *

Pick one from the list

 ↓

Partner organization name:

Other organization address:

Other organization type:

 ↓

Insert another organization

Click to insert another organization

Implementation site address:

Enter address or click on map

Insert another implementation site

Click to insert implementation site

FINANCIAL INFORMATION

Total budget (million €): *

Provide an estimation if not available

Funding (million €):

<input type="text"/>
<input type="text"/>
<input type="text"/>
<input type="text"/>

Regulatory funding
National funding
European Commission
Own resources /private capitals

Funding program details:

e.g. FP7

Funding body:

e.g. Ministry of Finance

OTHER INFORMATION REGARDING THE PROJECT

Other information regarding the project:

Please provide any other information that is relevant to the project

CONSUMER ENGAGEMENT

**Is consumer involvement/acceptance of smart grids
a main project focus? ***

 ↓

Target sector:

Pick one from the list

 ↓

What aspects were mainly addressed to involve the customer?

Collection of information from consumers
(consumption patterns, consumer segments, etc)

Provision of information to consumers
(new technologies, energy consumption)

Use of behavioral change strategies

Other: Please specify

**Did the project assess consumers behavioral change or
consumer satisfaction?**

 ↓

Please comment on methods and results

Motivational factors used to engage consumer:

You can select more than one

 ↓

How do you rate the participation of the consumers involved in your project?

Pick one from the list

 ↓

Has the project faced consumer acceptance issues?

You can select more than one

 ↓

TECHNICAL PARAMETERS AND PROJECT BENEFITS

Voltage level (kV): *if applicable*

Number of users involved in the project:

Producers

Consumers

Prosumers

Aggregated number of users:

Number of electric vehicles:

Number of charging stations:

Number of smart meters:

Estimated project benefits:

	Energy savings
	Reduced outages
	Reduced O&M costs
	Reduced energy losses (technical/non technical)
	Deferred investments (generation, transmission, distribution)
	Reduced system management costs (ancillary services, congestion management)
	Other (please specify): <input style="width: 150px; height: 15px;" type="text"/>

SMART GRID AREA OF FOCUS AND DEPLOYED TECHNOLOGY

Power technologies:

	Demonstration of power technologies for more network flexibility
	Demonstration of power technologies for power architecture
	Demonstration of renewable integration

Network management and control:

	Tools for pan EU network observability
	Innovative tools for coordinated operations
	Improved training tools for improved coordination
	Innovative tools for pan EU network reliability assessment

Market rules - market simulation techniques to develop a single EU el market:

	Tools for pan-EU balancing markets
	Advanced tools for congestion management
	Tools for renewable market integration
	Tools to study market integration of active demand

Coordination between T&D:

	Tools for improved system observability and network interaction
	Integration of DSM in TSO operation
	Ancillary services by DSOs
	Improved defense and restoration plans
	Joint task force on IT system protocol and standards

Smart Customers:

Active demand response
Energy efficiency through integration with Smart Homes

Smart energy management

Smart metering infrastructure
Smart metering data processing

Smart integration

Integration of small renewables in the distribution network (LV)
Integration of medium size RES in the distribution network (MV)
Integration of storage in distribution networks (LV and MV)
Integration of Electric Vehicles and Plug-in Hybrid Electric Vehicles in distribution network (LV and MV)

Distribution Network

Integration of monitoring and control in LV networks
Integration of automation and control in MV networks -
Local power production, two-way power flow

Integration of system support for LV and MV network
management - Status evaluation, maintenance, planning and
asset management

Integration of Integrated communication
solutions in distribution network

Other smart grid areas of focus and deployed technologies:

Terms and Conditions

*Your responses will be utilized for performing analyses, building interactive tools, writing general reports, etc.
The confidential data you provided will only be used in an aggregated form and will not be disclosed with any other entity.*

Contact person/Organization:

Name *

e.g. John Doe, Smart Grids Company

Email *

e.g. name@mail.com

Phone number

I agree to share my information with JRC *

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Comments

SUBMIT