

FUTURE
INTERNET
SMART
UTILITY
SERVICES



FINESCE Open Call and Innovation Events



FUTURE
INTERNET
PPP

Apps for the Smart Energy World

FUTURE
INTERNET
SMART
UTILITY
SERVICES

FINESCE

FINESCE trials

APP APP APP APP APP

FINESCE open call

APP APP APP APP APP

FI-PPP phase III

APP APP APP

API Layer

Virtual Power
Plant

GE DSE
GE

Smart Factory

DSE DSE
GE

Smart Home
and Prosumers

DSE
GE GE

Electric
Vehicles

DSE GE
GE

eMarket Place

DSE DSE
GE

Device



Sensor



Actor



Device



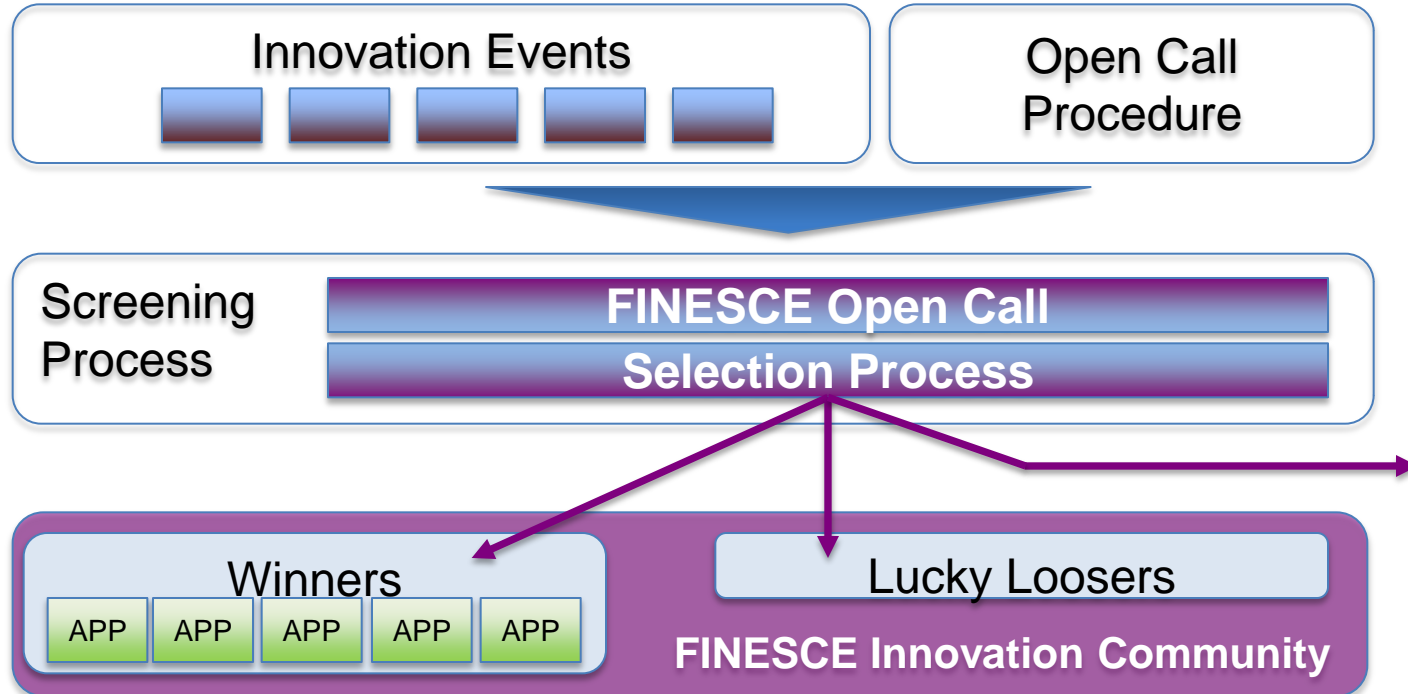
Actor



Innovation Process for SMEs

FUTURE
INTERNET
SMART
UTILITY
SERVICES

FINESCE



99 sec. presentation

- ALL participants of the workshop give a 99 seconds introduction (1-2 slides) of their organisation and their intentions regarding the event
- 99 seconds seem to be an ideal time format to present yourself.
- It is very alive and is a very good start for participants to communicate with each other



Thomas Standhartinger, Atos



Atos
 • € 8,844 Mio€ Revenue
 • 76,417 Employees
 • 42 Countries
 • 7 in Bezoens/Paris



What we do?

- Thematic focus: smart grids, smart cities
- Integration of different energy grids & systems
- Load shifting in industry, commerce and municipal infrastructures
- First R&D project in Europe on Smart Gas Grids in 2009

OCG

Die OCG
 Die Plattform für Informatik und IKT in Österreich

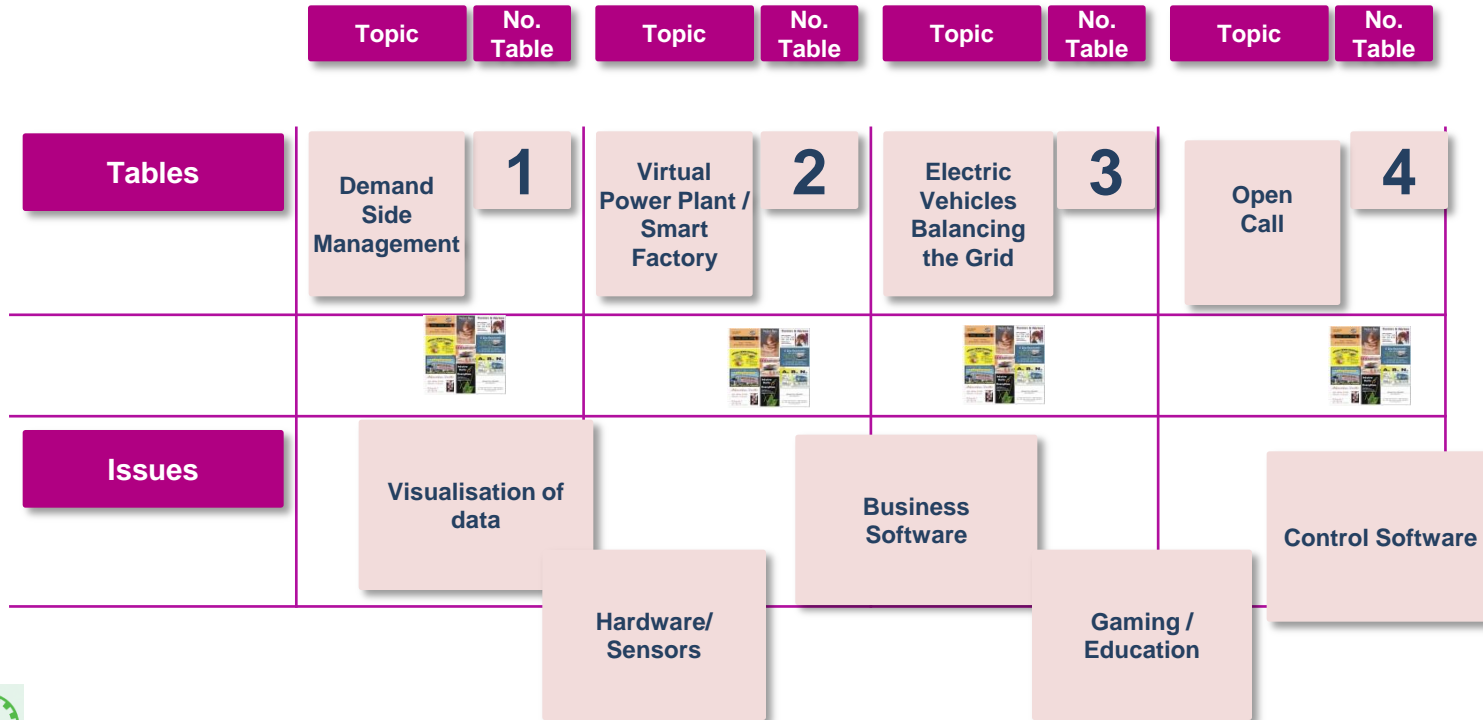
Die OCG ist ein gemeinnütziger Verein mit mehr als 1.500 Mitglieder aus den Bereichen Wissenschaft, IT-Anwendung, Lehre und Ausbildung.

Ziel der OCG ist die Förderung der Informationstechnologie und Informatik unter Berücksichtigung ihrer Wechselwirkung auf Mensch und Gesellschaft.

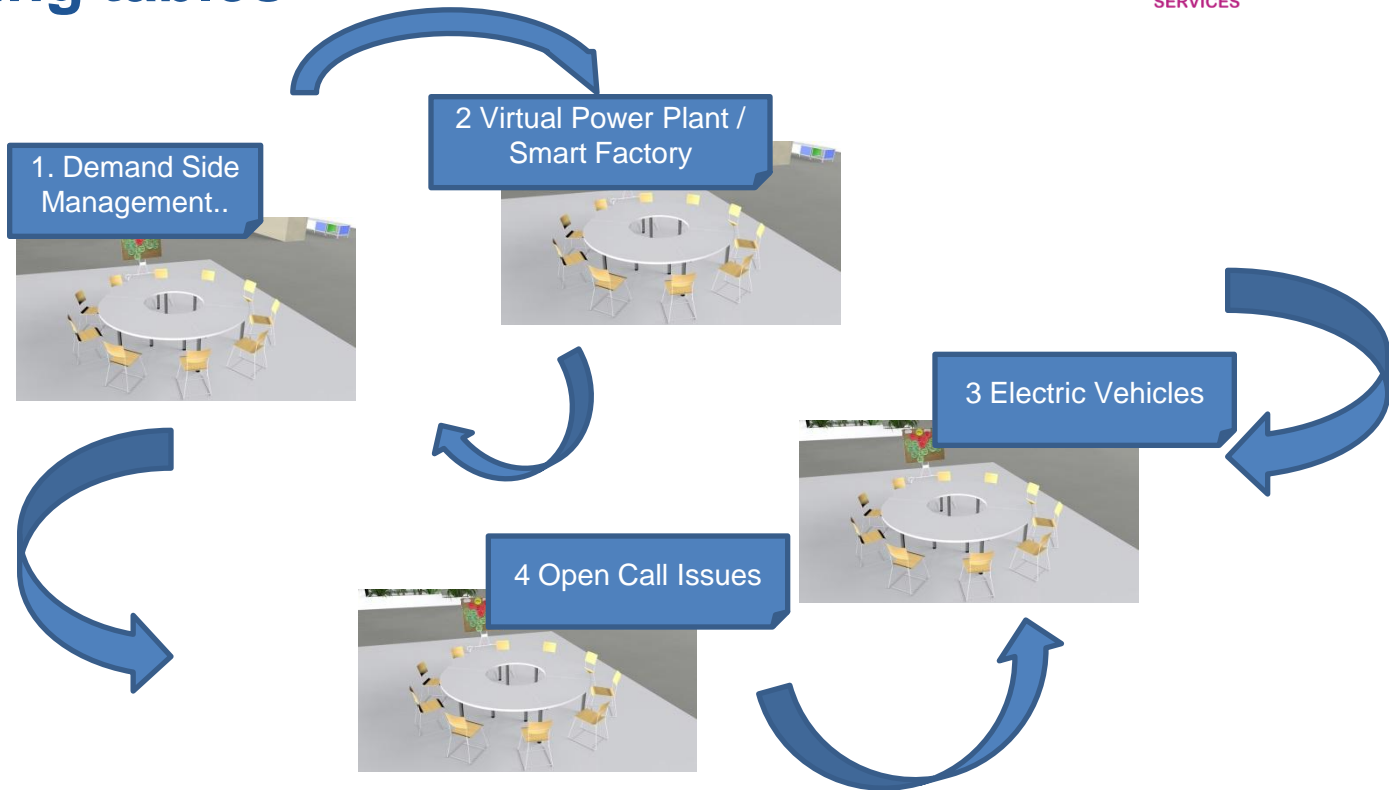
new energy
 ENERGY RESEARCH USER

cities: Setting up the TRANSFORM Consortium for the city of (cities of Amsterdam, Copenhagen, Hamburg, Lyon...)
 project INFRA-PLAN: Multi-grid infrastructure planning and networks in urban model quarters (Berlin, Graz, Hamburg)
 1st ERA-NET workshop: „smart grids for smart cities“

Networking Matrix



Networking tables



FINESCE Open Call Timeline

FUTURE
INTERNET
SMART
UTILITY
SERVICES



Start: 16.9.2013

final submission date: Wednesday, 13.11.2013, 17:00

Start of contract: 1.4.2014

End of contract: after 3-12 MM (depending on the open call area)

FINESCE Open Call: Area 1

- To support the consortium by undertaking investigations of the proposers own creative ideas for energy related services and applications, related to FI-WARE functionality and the FINESCE trial topics, with the work being undertaken in close collaboration with one of our trial sites and partners.
- This area of the open call is particularly targeting start-up companies. Funding of 250.000 Euro will be provided.
- Proposals may address the dissemination and promotion of new services, applications, apps, concepts, prototype or demonstrations based on FI-WARE functionality and related to FINESCE trial topics.

FINESCE Open Call: Area 2

- To support the consortium by expanding the scope of our trials with work on specific topics.
- This area of the open call is open to large and small organisations including research institutes and universities. Proposals from SME's will be particularly welcome.
- Funding of 1.038.600 Euro will be provided for Area 2
- A maximum of 350.000 Euro will be provided to each organisation invited to join for partly-funded contracts as full project beneficiaries
- Each new partner (beneficiary) is expected to provide a minimum of 9 person months effort to the project

Area 2 topics for Open Call

1. To expand the scope of the field trial locations in FINESCE by adding new topics and trial sites, developing synergies with the FINESCE and FI-PPP goals,
2. To develop a visualisation of the energy consumption within the trial factory in Aachen and the energy production of the distributed energy resource (DER) in the FINESCE trial in Belgium or Germany, with a user-friendly GUI,
3. To create an Automatic Meter Reading (AMR) system that will exploit the capabilities of Advanced Metering Infrastructure (AMI) utilising the DLMS/COSEM protocol suite. An innovative, reliable, scalable and secure solution, based on open standards to facilitate the exchange of near-real-time electricity metering data. The system will be setup on the FI-WARE cloud computing infrastructure and will be integrated with the Terni trial site.
4. To develop a management system for the energy distribution network used in the FINESCE field trial in Ireland, which will interact with an Electric Vehicle (EV) charge-point management system.
5. To develop a serious game to contribute to the dissemination of the FINESCE results presenting scenarios based on the data collected FINESCE trials

FINESCE Open Call: Contract details

- New partners become full consortium members
- 2-3 deliverables to be described
- Participation in all project meetings during the contract time mandatory
- New partners will sign the existing collaboration agreement and have full access to FIWARE GEs
- (The possibility of offering a simpler procedure for area 1 is still under investigation by the European Commission)

FINESCE Open Call: Contract details

Funding (including overhead) depending on activity performed:

- Research and Development: 50% or 75% (only applicable for SMEs and universities)
- Dissemination: 100%

Planned payment schedule

- 45% advance payment at the start of the contract (1.4.2014)
- 55% after the end of FINESCE with the final project cost claim (Claim expected be submitted in June 2015)

FUTURE
INTERNET
SMART
UTILITY
SERVICES

FINESCE

Alexander von Jagwitz

a.jagwitz@baumgroup.de

www.finesce.eu