



Science & Technology

FORESIGHT

from society to research

Workshop on Simulations Studies of SmartGrids for Urban Food Systems (UFS)

17 - 19 July 2018, Bari, Italy

AGENDA

WG FOOD



National Research
Council of Italy

AGENDA

Topic: SmartGrid for Urban/Peri-Urban Food Systems: How Innovation can Address Food Security, Food Safety, Sustainability and Nutrition.

Location: Bari, Italy

Dates: July 17-19, 2018

Tuesday July 17 *Città Metropolitana, Sala Giunta, Lungomare Nazario Sauro, 29*

- 14:30 – 14:35 Welcome
- 14:35 – 14:45 What is a SmartGrid (SG)?
- 14:45 – 15:00 1st Case Study BARI: Introduction by XXXX Bari
Case study presentation CNR
- 15:00 – 15:10 Q&A
- 15:10 – 15:20 2nd Case study (Presentation GG)
- 15:20 – 15:30 Q&A
- 15:30 – 15:50 3rd Case study (BMGF)
- 15:50 – 16:10 4th Case study (Heifer Int.)
- 16:10 – 16:30 5th Case study (IDE)
- 16:30 – 16:50 Coffee Break
- 16:50 – 18:00 *tbc:* *Nutrition (10')*;
Blockchain, IoT (10');
Data Banks, Monitoring Systems (10')
SCPS Interconnecting technologies (10')
Signal processing, image understanding, artificial vision (10')
Modelling, computing systems (Agrometeorology/Climat) (10')
Processing/Precision agriculture (10')
- 18:00 – 19:00 Discussion: Are there common denominators (challenges/priorities) in the 5 case studies presented? Could the connection provided by a SG help address those challenges? Which technologies/processes could best support the SG development in the UFSs presented?

Wednesday July 18 **Field Day**

- 8:00 – 9:00 Bus Transfer **Bari – Noci**
- 9:00 – 10:30: **Azienda Deliziosa** (Local cheese and dairy products factory)
- 10:30 – 11:30 Bus Transfer **Noci - Fasano**
- 11:30 – 12:45: **Cooperativa Progresso Agricolo, Fasano** (vegetable and fruits production for export)
- 13:00 14:45 **Lunch break**

- 15:00 – 16:30 **Mercato Ortofrutticolo di Fasano** (local vegetable and fruit distribution market)
- 16:30 – 17:00 Bus Transfer **Fasano - Monopoli**
- 17:00 – 18:00: **Azienda La Pietra** (horticultural production with a high technological level)
- 19:00 Bus transfer to **Bari**

Thursday July 19 *CNR, Area della Ricerca di Bari, Via Giovanni Amendola 118*

9:00 – 9:15 **FAO:** How can policy makers support SGs for UFSs

9:15 – 9:30 **Biodiversity:** Synergy with other current projects and initiatives on UFSs

9:30 – 11:00 Discussion

- Identify up to two priorities to focus on in the project proposal (e.g. food safety, nutrition)
- Can the strength of one UFS be used to address criticalities in other UFSs (e.g. Biodiversity and Mediterranean Diet)? Can successful technologies/processes be transferred?

11:00 – 11:20 Coffee Break

11:20 – 13:15 Discussion

- Breakdown in 2 discussion groups
- Drafting a research project.

13:15 – 14:15 Lunch

14:15 – 14:45 Report from the 2 discussion groups

14:45 – 15:45 Breakdown in 2 discussion groups

15:45 – 16:45 Report and plenary discussion

16:45 – 17:00 Way forward and conclusions