



2021PORTUGAL.EU

Summit

European Regions

for Smart Communities



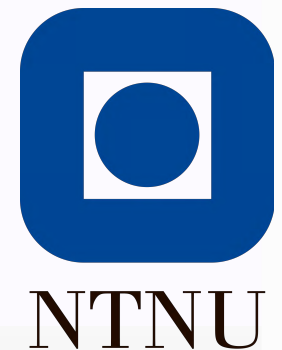
SESSION: SKILLS

KNOWLEDGE EXCHANGE, ACCESS TO INFORMATION AND SKILL GROWTH

MASSIMO BUSUOLI

NORWEGIAN UNIVERSITY OF SCIENCE
AND TECHNOLOGY

DIRECTOR OF NTNU BRUSSELS
OFFICE



Smart communities: Appropriate knowledge exchange and virtual communities



ABOUT NTNU

- Main profile in science and technology
- Academic breadth: humanities, social sciences, medicine, health sciences, science of education, architecture, fine arts and performing arts
- Headquarters in Trondheim with campuses in Gjøvik and Ålesund
- One Brussels Office



NTNU KEY FIGURES

- Largest university in Norway
- 8 faculties, 55 departments and NTNU University Museum
- 7761 person-years (2020)
- More than 42 000 students (2020)

Horizon 2020 results (as of 17 March 2021):

- 224 Signed Grants
- 116,7 Million Euros Funding



Smart Communities approach: different dimensions

- Internal
- Local
- Global



Smart communities dimensions: NTNU examples

- NTNU Food Forum
- Technoport
- UniLion



NTNU Food Forum

- Organizing our university to deal with food systems and sustainability challenges and make the most of our positions in EU
- A two way route, combining NTNU Food expertise and the EU system



Sustainable food system – a grand global challenge strategically prioritized in Europe



- One of the European responses
- ...another one is the European strategic partnership on food systems

NTNU Food Forum

- A multidisciplinary smart community allowing cross faculty skills and knowledge exchange
- A unique entry door to the NTNU knowledge community in the food sector
- Comprising experts from:
 - All 9 faculties,
 - All NTNU campus
 - More than 25 departments
 - More than 90 experts



Fragmented research -> Strategic & organized forum with a SYSTEM APPROACH



Strategic Initiatives Ambassadors



Eva Falch

Forum Leader



Thais Mothe-Diniz

Administrative Coordination



Massimo Busuoli

Strategic advisory and EU positioning

Forum animation
and orchestration

Strategic Initiatives Ambassadors



Eva Falch

- European Food Forum
- JPI A healthy diet for a healthy life (Scientific Advisory Board)
- European Multidisciplinary program on sustainable food and biomass
- European region of gastronomy
- National professional body for education and research in nutrition (UHR)
- Grønn forskning...



NN

- Animal Welfare Europe
- Food Systems...

Alexandra Neyts

Alexandros Asimakopoulos

Alireza Ashrafian

Anita Nordeng Jakobse

Anita Romsdal

Anna Olsen

Annik Magerholm Fet

Atle M. Bones

Bård Eirik Kulseng

Berit Johansen

Bjørn Kåre Myskja

Casper Boks

Duan Chen

Egidijus Dauksas

Eirin Marie Skjøndal Bar

Eva Falch

Gisle Øye

Grete Hansen Aas

Hannah Monsrud Sandvik

Hao Wang

Heidi Carin Dreyer

Hilde Bjørkhaug

Hilde Ervik

Hugo Atle Jakobsen

Ida-Johanne Jensen

Ignat Tolstorebrov

Jan Ketil Simonsen

Janna Crobotova

Jennifer Leigh Bailey

Jens Rohloff

Johan Fredrik Rye

Jørgen Lerfall

Jostein Vik

Kari Helgetun Langfoss

Kristin Bjørdal

Kristin Syverud

Kristine Kvangarsnes

Lars Øystein Ursin

Line Skontorp Meidell

Lorenzo Cañas Bottos

Marcin A. Kurek

Marte Berg Wahlgren

Marianne Bjørdal Havnnes

Massimo Busuoli

Michael D. Martin

Paolo Piscicella

Per Østby

Rolf Erik Olsen

Rønnhaug Astri Ødegård

Sony George

Sophia Efstathiou

Sophie Kendler

Sunniva Hoel

Tanja Plasil

Terje Finstad

Thais Mothe-Diniz

Trygve Magne Eikevik

Turid Rustad

Vegar Ottesen

Veronica Hammer Hjellnes

Vidar Halsteinli

Widar Aalrust Kristoffersen

...



Turid Rustad

- Metrofood infrastructure Europe



Hilde Bjørkhaug

- Norwegian Research Council/HEU Cluster 6*...



WHAT IS TECHNOPORT?

Based in the Norwegian Tech capital of **TRONDHEIM**, Technoport provides deep tech-based meeting places, both on a strategic, as well as a practical level.



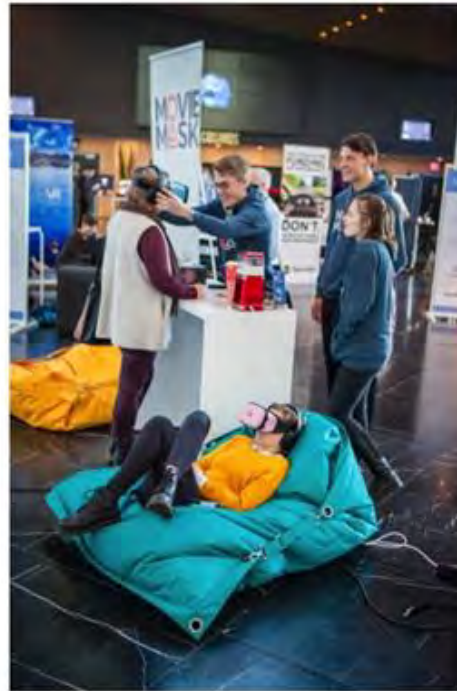
Technoport is a member-based organization. Our members are key players within research and education, technology, finances and the public sector.

TECHNOPORT



TECHNOPORT CONFERENCE

A meeting place focusing solely on **ACTUAL NEW TECHNOLOGY** and how we can get better at bringing it from lab to market



TECHNOPORT



TECHNOPORT

Connects our members and partners, and do advisory work and collaborations with a broad range of actors within technology and innovation.

«We need to ensure that new, science-based technologies become sustainable, actual, valuable real-life solutions and products»

*Karianne Tung,
CEO Technoport*

TECHNOPORT

UnLiON

- An informal community of 50 Brussels-based liaison offices collaborating together in Brussels and representing 156 universities.
- An effective information multiplier.
- A single entry point to a world of excellent universities –some of the most active research, higher education and innovation players in Europe and beyond.
- A gateway for European Institutions and partners



UnLiON activities

- **UnLiON Core Meetings** knowledge sharing, peer support, invited guest presentation on strategic issue, joint proposals etc.
- **UnLiON Open Talks** presentations from the EU Commission on the latest policy and funding programmes; informal platform for debates; open to external participants
- **UnLiON Virtual** sharing documents, latest news, intelligence on the Brussels/EU affairs etc.
- **UnLiON Social** events get together, network and have fun
- **UnLiON Secretariat** proposals for the Core meetings, invite guest speakers, initial contact point for the new participants, agenda setting, coordination of the network, WGs etc.
- **UnLiON Annual event** debating relevant Education, Research and Innovation themes



UnLiON Members



Conclusions

- For NTNU the smart community model proved to work effectively at all levels; internal, local and global
- As smart communities are about connecting, Covid posed challenges on guaranteeing appropriate interactions to ensure exchange of skills and networking
- However, Covid gave the opportunity to organise activities in virtual modality allowing to increase the number of participants in relevant gatherings and events resulting beneficial in terms of impact
- Face-to-face interactions are however still perceived to be necessary to guarantee an appropriate exchange
- We think that the future will be represented by mixed interactions; both digital and physical





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