

# Enabling ICT



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# Vision

***Enabling ICT focus on research and innovation  
that address context integrated technologies  
with multi-modal interactions for smart cities  
and regions***

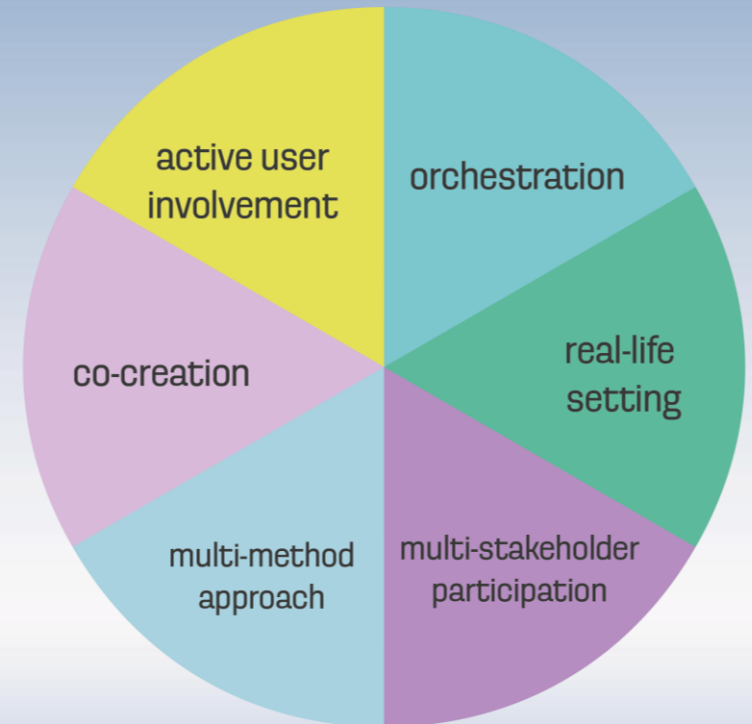
**Anyone – Anything – Anywhere - Anytime**



# Aim

- Enabling ICT perform research about ICT as an enabler and driving force for changes and improvements of society.
- Enabling ICT gathers research resources related to the ongoing digital transformation to explore research challenges in depth and from a multiple perspectives.
- Support the development of digital innovations and research related to the development of smart cities and regions

- OUR TWO PERSPECTIVES ON SMART SOCIETY
  - TECHNOLOGY FOCUS (sensors, software & networks) (Societal testbeds)
  - SOCIAL FOCUS (global solutions with local services and citizen engagement => Urban Living Labs)

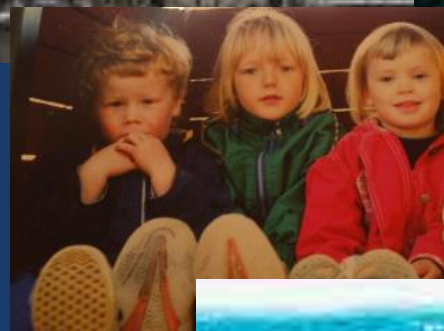




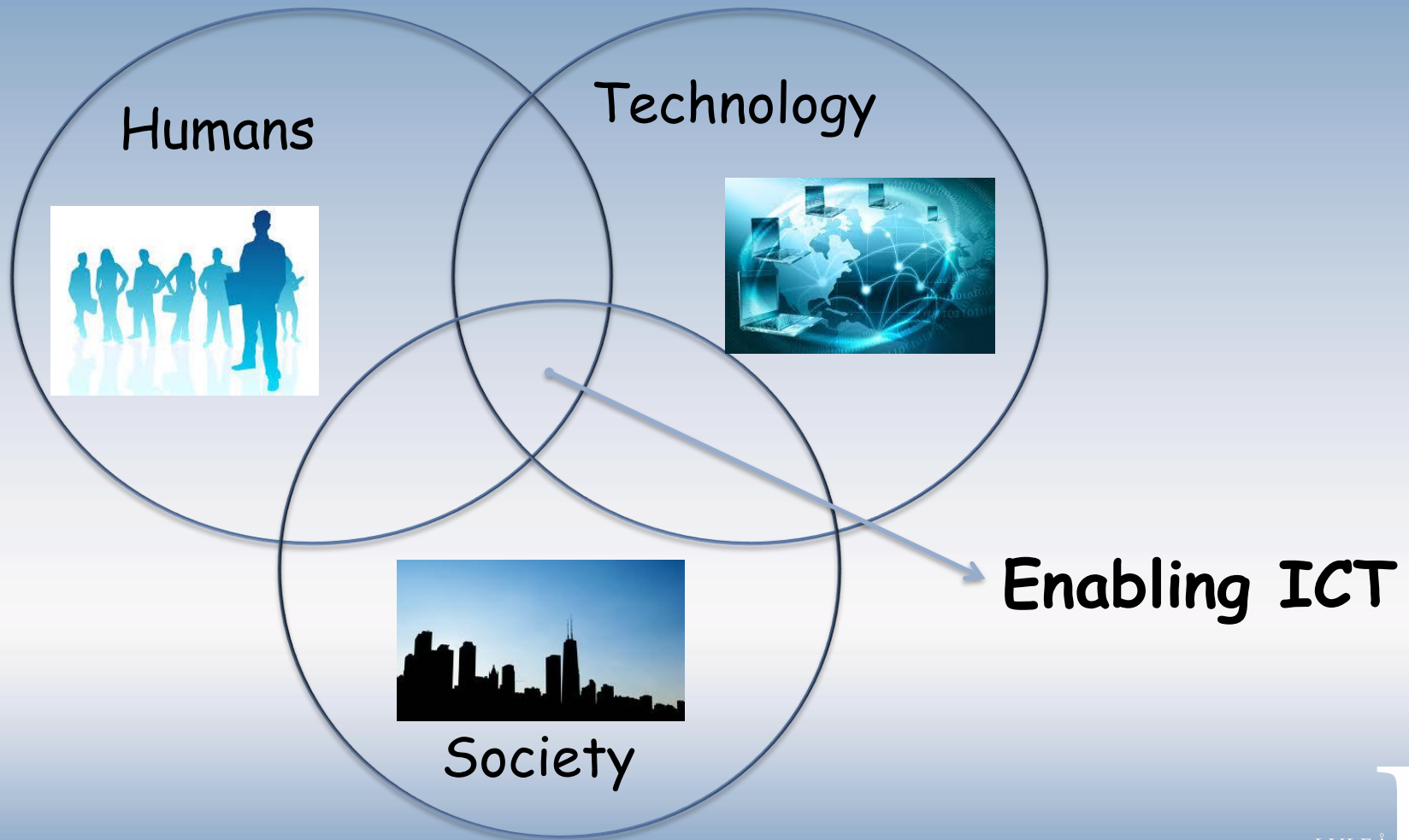
THE NORTHERNMOST UNIVERSITY  
of Technology in Scandinavia

Develop, experiment,  
and test new digital  
innovations in real  
world environments  
with people to create  
added value

# BOTNIA LIVING LAB



# Focus of Attention



# Enabling ICT research areas

- Digital transformation for smart regions,
  - IoT platforms, applications and services (IoT Sweden hub)
- Cybersecurity and critical infrastructures
- Gamification, serious gaming, game technology
- Virtual reality and augmented reality labs
- Big data real-time analytics
- Digitalisation and learning
- User centred development of digital innovations (European Network of Living Labs)

# Ongoing Projects within Enabling ICT

- Kiruna Sustainability Center
- Innovation platform Kiruna
- Sense Smart Region
- UnaLab
- U4IoT
- PrivacyFlag
- Smart and Sustainable Villages
- SmartBuy
- 6 ongoing LTU pilots related to smart cities/regions





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# THANK YOU FOR YOUR ATTENTION!

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