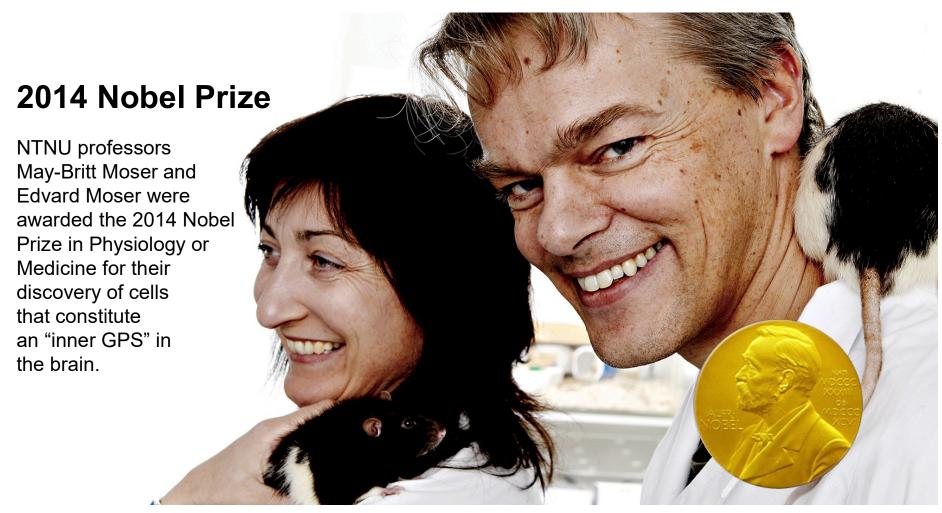


## **Key Facts**

- Norway's largest university with 42000 students
- 8 faculties, 55 departments and NTNU University Museum
- 7400 person-years
- Main profile in natural sciences and technology
- Also, large programs in medicine and health, teacher education, humanities, social sciences and arts.
- Annually more than 7000 completed bachelor's and master's degrees and ~400 doctoral degrees
- Heavily involved in Europe's research, innovation and education programmes





### Research

Participate in 154 Horizon 2020-projects value of Euro1400 mill and have 10 ERC Grants

The University in Norway that has received most funding from Norwegian research council

Host or partner in 35 large research centers

- -SFI Centre for Research-based Innovation
- -SFF Centre for Excellence in Research
- -FME Research centers for environmentally friendly energy
- -SFU Centre for Excellence in Education

Internal priorities at the university to develop and recruit excellent researchers





## Strategic research areas

#### **NTNU Energy**



**NTNU Health** 



**NTNU Oceans** 



#### **NTNUSustainability**



## The strategic research areas aim to:

Work together across disciplines, solve complex challenges of great importance

Face global challenges with an interdisciplinary and flexible organization

Strengthen cooperation with the world of work and our innovative capability

Increase NTNU's share of international research funds

## NTNU Sustainability ( )



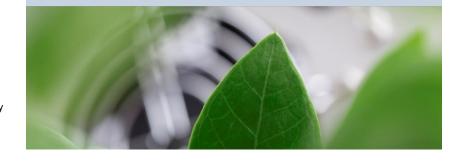
#### - Knowledge for change

#### **AREAS**

- Sustainable use and conservation of biodiversity and ecosystem services
- The transition to a circular economy and sustainable production and consumption systems
- The transition to smart, sustainable cities and built environment
- Climate change: Mitigation and adaptation

#### INTERDISCIPLINARY RESEARCH

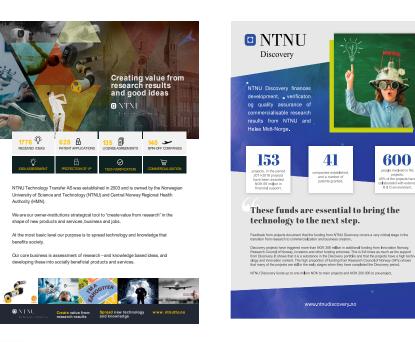
- Innovative models, solutions and technologies
- Modelling, analysis and environmental impact assessment
- Consumer behaviour and governance for realizing improvement potential





https://www.ntnu.edu/sustainability Norwegian University of Science and Technology

## **Holistic Ecosystem for Innovation**







translation gap

Scalling

Industry

Idea

service

innovation gap





Technology Transfer as Norwegian Discovery Science and Technology

Innovation Managers



## **Technology of the Future**

Developing the framework for NTNU's educational programmes in technology and engineering for the future beyond 2025:



## **Adding European Dimension through Collaboration With Peers**

Launching the future university of technology in the light of the covid pandemic













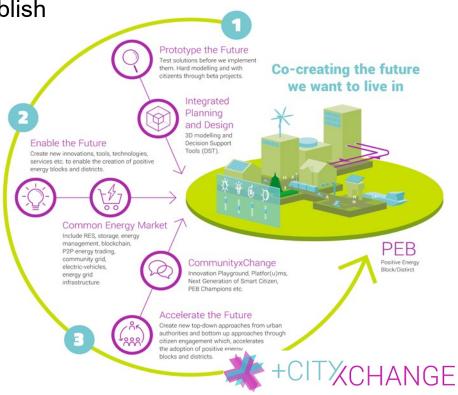


## Innovation and Restructuring in Public Sector

Developing Collaboration models on strategic priorities that breaks down silos and establish knowledge and innovation networks







# The Forum of Young Scholars in Sustainability (FYSS)



# 40 new sustainability ph.d. students

A new interdisciplinary research initiative, for better systems understanding on transformative changes for sustainability and interest conflicts between SDGs









## Thank you for your attention

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