



NIBIO

NORSK INSTITUTT FOR
BIOØKONOMI

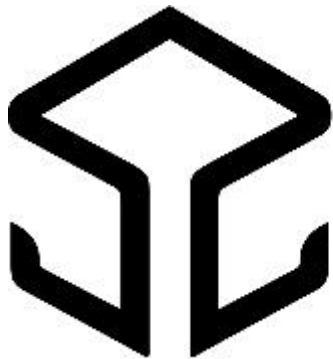
COUNTRY REPORT- NORWAY

EUFRIN BOARD - NOV. 2015

Mekjell Meland

Nibio Ullensvang

JULY 1, 2015



NIBIO

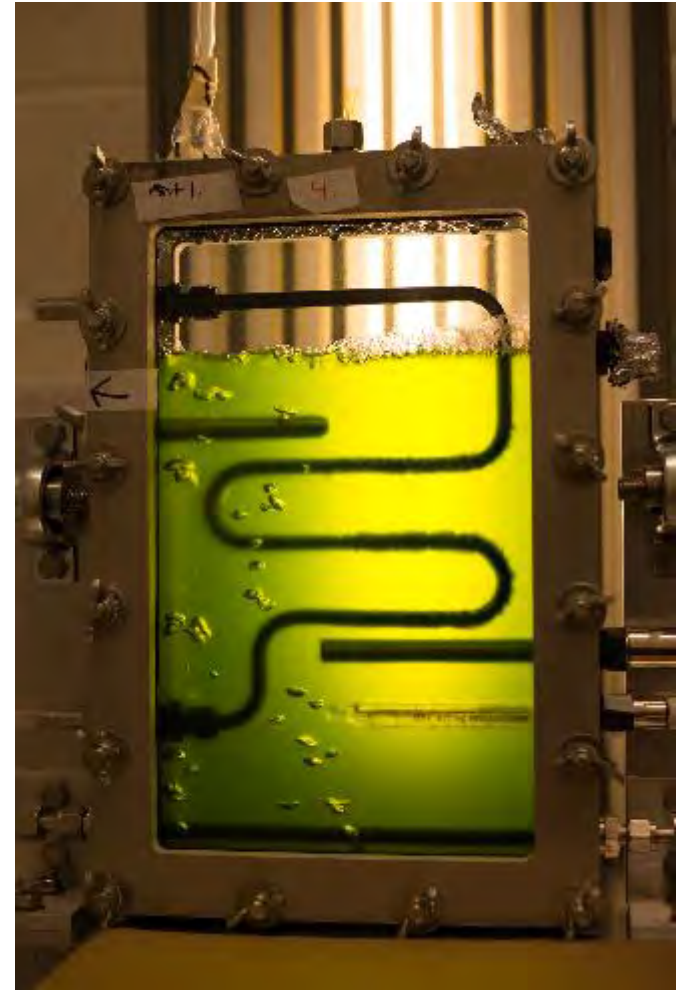
NORWEGIAN INSTITUTE OF
BIOECONOMY RESEARCH

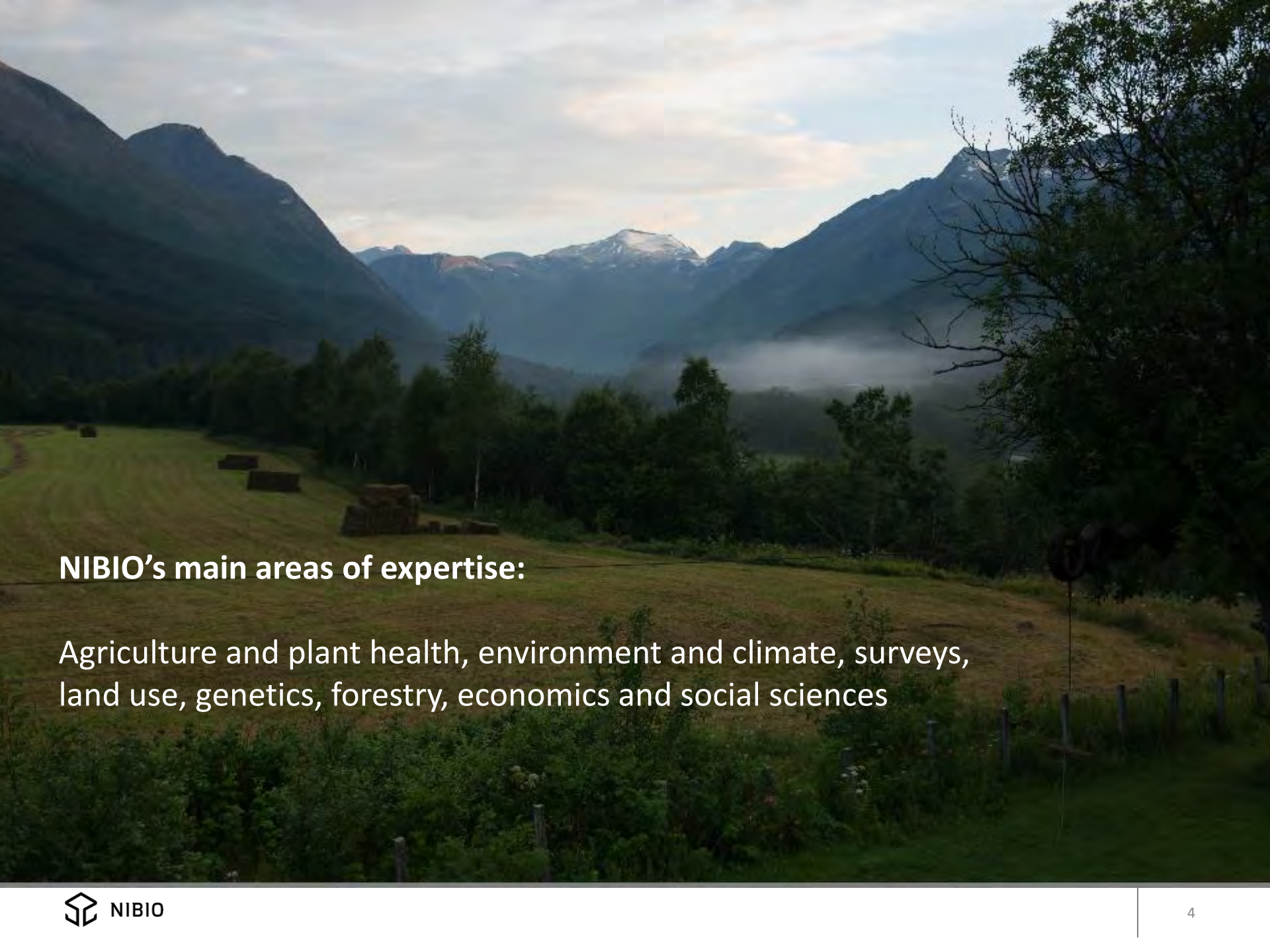


KNOWLEDGE FOR LIFE

Our future well-being depends on sustainable use of our natural resources.

NIBIO aims to be at the forefront of the Green Shift, i.e. the transition from fossil economy to bioeconomy.





NIBIO's main areas of expertise:

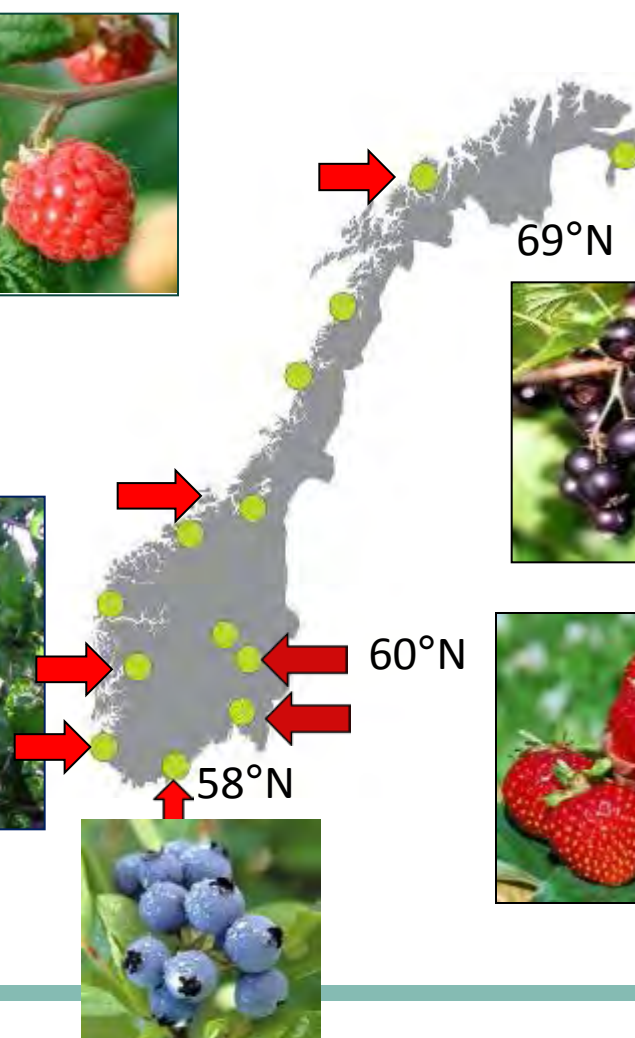
Agriculture and plant health, environment and climate, surveys, land use, genetics, forestry, economics and social sciences

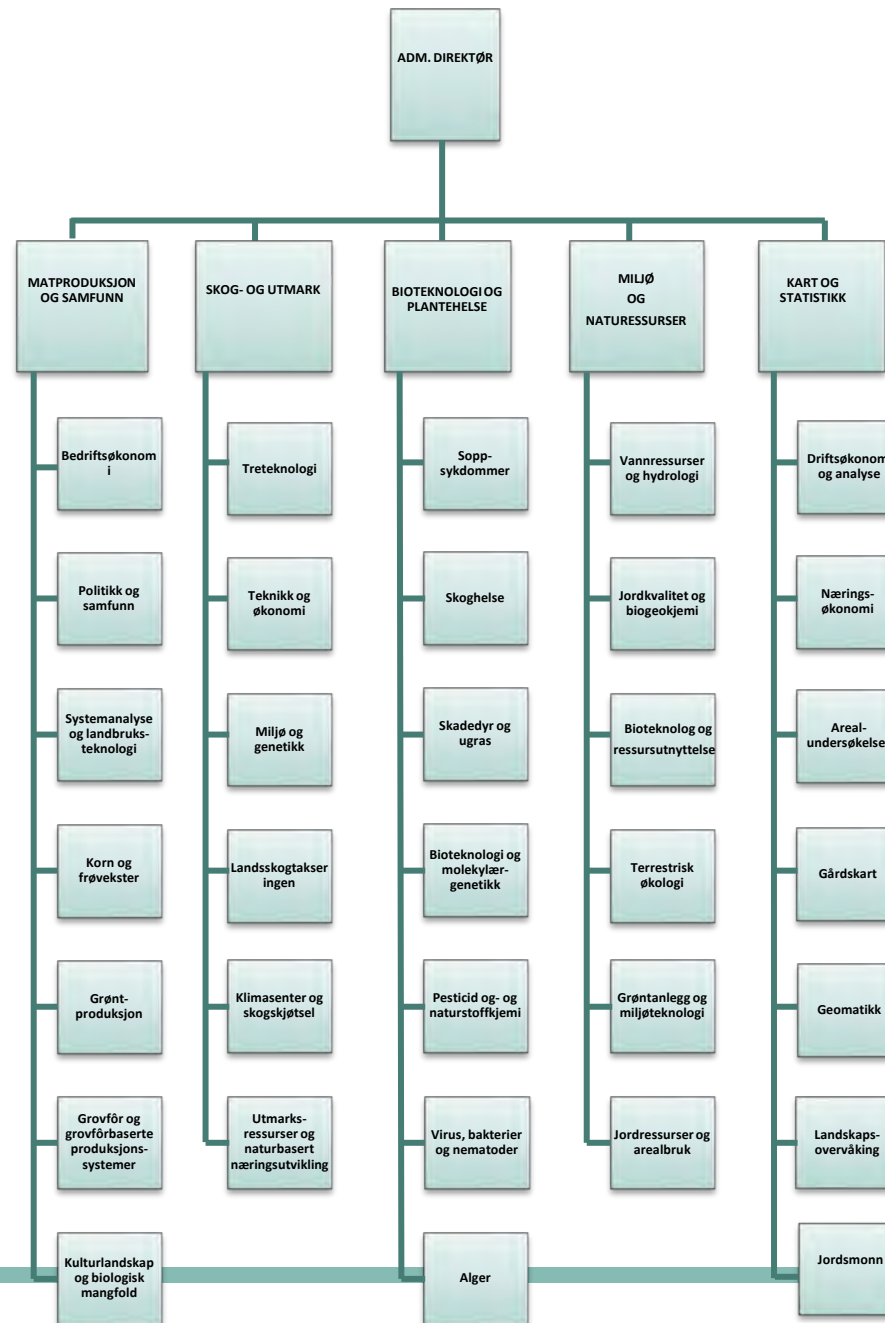
NIBIO

- Approx. 725 employees
- Budget: About 80 mill Euro
- Research stations and networks in all Norwegian regions – 18 sites
- Extensive international collaboration



Nibio is located in the whole country





FOOD PRODUCTION

- Food safety and security
- Innovation in the entire value chain
- Environment and climate-smart agriculture and food production
- Plant production, agronomy, soil sciences, ecology
- Economy and social sciences
- Cultural landscapes



PLANT HEALTH AND BIOTECHNOLOGY

- Plant health in agriculture and forests
- Food safety - national preparedness
- Pesticide-, forestry and plant protection
- Innovative plant protection
- Genetic engineering and biology
- Genetics and biotechnology
- Agricultural weather services



FORESTS AND UNCULTIVATED LAND

- A viable and innovative forest industry
- Increased production and competitive timber production
- Forest, forestry and climate
- Forest genetics and biodiversity
- Timber technology
- Forest resources



ENVIRONMENT AND CLIMATE

- Integrated approach - production, natural resources and the environment
- Land, soil, water and forest
- Climate and environmental monitoring, analyses and measures
- Environmental Technology
- Environment and climate-smart agriculture and food production
- Broad international collaboration



MAPPING AND STATISTICS

- Geodata, land resource mapping and geospatial information
- Social, economic and geographical conditions for bioeconomy
- Information to authorities, politicians, industry and scientists.
- Norwegian Genetic Resource Centre



NIBIO INTERNATIONALLY

Norway is a small country, but our research is important on a global scale.

- NIBIO coordinates several large EU-projects
- Substantial research programmes in Asia
- Development in Africa
- Projects in South-America
- Cross-boundary collaboration in the Barents Region



DEPARTMENT OF HORTICULTURE

Working areas: Conventional and organic production of following crops

Fruit and small fruit,

Vegetables,

Potato,

Green house production



MAIN OBJECTIVE R&D : INCREASED PRODUCTION OF HIGH QUALITY FRUIT, POTATOS AND VEGARTABLES IN NORWAY

1. Plant physiology: Understand the plants in order to improve the management
2. Variety testing: Testing of new cultivars from Norwegian and foreign breeding programs
3. Integrated and organic production
4. Post harvest physiology: Expand the sales season for Norwegian grown fruit, vegetables and potatoes
5. Innovation. Develop more products together with the Norwegian food industry



THANK YOU FOR YOUR ATTENTION



**Nibio Ullensvang
Research Centre**