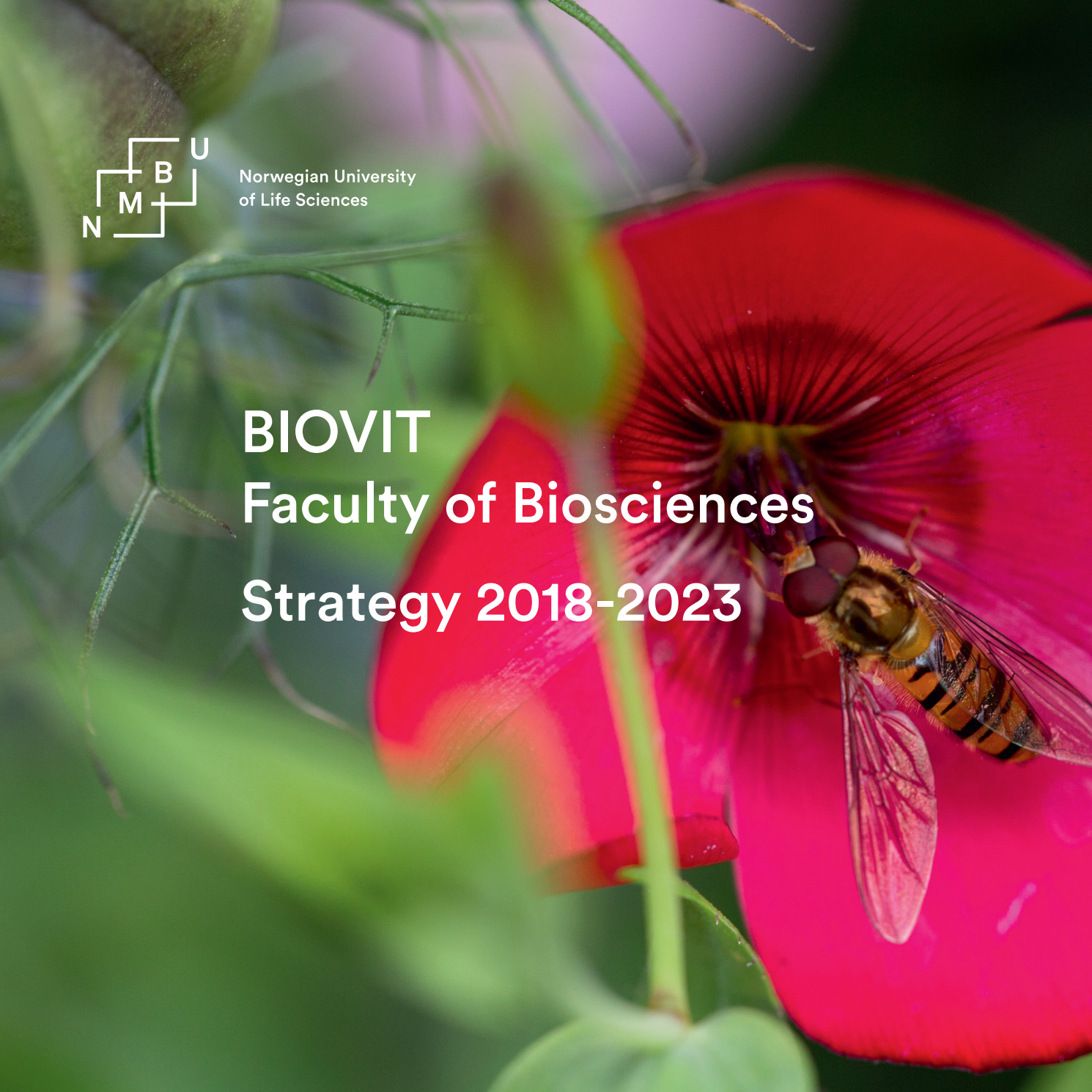


Norwegian University
of Life Sciences

BIOVIT
Faculty of Biosciences
Strategy 2018-2023

Photo: Håkon Sparre, Janne Brodin, Benjamin A. Ward

About us...

The Faculty of Biosciences contributes research, education and innovation in the production and use of plants and animals including fish.

The Department of Animal and Aquacultural Sciences is responsible for education and research on animal production and aquaculture. Subject areas are breeding, genetics, genomics, nutrition, ethology and animal husbandry. We lay the foundation for sustainable animal production, high animal welfare, animal feeds of the future, and top quality animal products.

The Department of Plant Science has responsibility for education and research in biology, sustainable production and use of plants for food, feed, ornamental and recreational uses. We focus on sustainable value creation, agriculture and agroecology, safe and plentiful food, innovation in plant production and variety development, and basic understanding of plant function.

The Faculty has exciting study opportunities in animal science, aquaculture, biology and plant science for those who are interested in participating in tomorrow's food production.

We ensure the future of life

BIOVIT is a leading environment for basic and applied bioscience research and education. We create knowledge and solutions for the bioeconomy through the development of sustainable production of plants and animals including fish. Together we solve challenges associated with quality of life and health in society and nature.

Our social mission

BIOVIT is responsible for research, education, dissemination and innovation that provides biological knowledge and innovative solutions for the future's sustainable food and bioproduction.

Main strategies 2018-2023

Research The faculty will develop a strong research environment that results in socially beneficial research and solid research education. We shall increase participation and play key roles in major national and international research programmes.

Education The faculty shall have an attractive study programme and use student-centred teaching methods. We shall meet the need for highly trained, sought-after and societally beneficial graduates. We shall provide professional development opportunities that facilitate lifelong learning through continuing education.

Innovation The faculty will strengthen strategic partnerships with key players nationally and internationally, and strive for a quick route from research to application.

Our values

Transparency and mutual respect
Major ambitions
Academic freedom
Interaction and community

Priority research and education areas

Photo: Shutterstock Aya, Håkon Sparre, Liv Torunn Mydland

Sustainable, climate-smart and animal-friendly food and agriculture

Provide knowledge on all aspects related to sustainability in food and bio-production including postharvest. Climate-smart means both climate-adapted and climate-friendly.

Basic and applied biology

Understand basic biological requirements related to growth, development and behaviour. Guide the physiology, development and production of robust and healthy plants and animals including fish through genetic, nutritional and environmental changes.

Digitizing and automation

Utilize digital information, and develop new production systems for plants, animals and aquaculture.

Future feed resources

Contribute to supplying our animals, including fish, with both existing and new sources of highquality and sustainable feeds.

Marine bioproduction and aquaculture

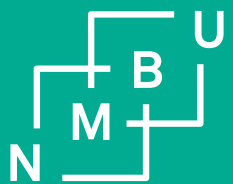
Lay the foundation for sustainable production by understanding farmed fish biology as well as employing the ocean's potential for biomass production.

Urban agriculture

Use an interdisciplinary approach involving production biology, technology, social sciences, and climate- and environmental sciences to develop sustainable urban food production.

Genomics, epigenetics and biotechnology

Utilize knowledge of the genome to understand basic biology and physiology, and to describe the genetic and physiological potential of plants and animals including fish.



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