

EFFoST Seminar Series

Sustainable Food Systems: Connecting Expertise in Academia and Industry

This seminar series organized by the Working Group on Sustainable Food Systems and Young EFFoST aims to provide detailed insights into various facets of sustainability in the food sector. The seminars will include **expert talks**, practical indications from **industry professionals**, as well as short presentations from selected **early stage researchers**.

All interested participants are kindly invited to join the seminar

Transition towards sustainable farming

Friday, 30.07.2021 - 13:00-15:00 (CET) - Cost: free of charge

Registration: https://bokuvienna.zoom.us/webinar/register/WN_FU7WQXf0SQOmGsvVCQOBPw

In order to implement the 17 UN sustainable development goals, the food industry must act now, by lowering its environmental impact. Our sector needs to go beyond greenwashing and purely marketing-based approaches, to show consumers and other stakeholders that we are committed to change. In order to make a lasting change the whole value chain has to be involved. This session will address different aspects of agriculture and its transition to more sustainable farming.

Session Chairs: Lukas Luggin & Cinzia Mannozi, email: sustainability@effost.org

How can the farm to fork strategy lead to a more sustainable food production?

MEP Herbert Dorfmann, European Union, Italy

The new farm to fork strategy has led to many changes towards more sustainable farming. In this talk Herbert Dorfmann will explain how the current regulation and the green deal from the European Union will help to produce raw materials in a more sustainable way.

Pathways to reduce the environmental impacts of food production

Thomas Nemecek, Agroscope, Switzerland

The focus of this talk will be on the most effective strategies and the environmental impacts of agricultural land use with regard to GHG emissions, biodiversity and water use. Also the huge variability of these environmental impacts will be discussed. Moreover, he will address plans to increase the eco-efficiency of agricultural production and provide an overview of which production systems perform the best (organic or conventional, intensive or extensive).

Sustainable animal farming practice

Laura Boyle, Teagasc, Ireland

Societal concerns about the welfare of animals in food production systems are increasing. Nowhere is this reflected more pertinently than in the recent European Citizens' Initiative "End the Cage Age" which has prompted a commitment from the European Commission to bring forward legislation to ban cages for specific farmed animal species. However, societal concern is not the only reason why animal welfare is an important component of the sustainability of food animal production systems. Laura Boyle will introduce us to the ways animal welfare contributes to sustainability. She will also demonstrate why the concept of 'One Welfare' is the best framework through which to ensure the sustainability of our farming systems.

Vertical farming – a shift to a more sustainable farm system?

Nordic Harvest, Denmark

Nordic Harvest is operating the biggest vertical farming structure in Europe. In the talk Nordic Harvest will share some insights of the biggest vertical farm in Europe. In addition, the company will show the advantages of vertical farming and how it can lead to a more sustainable farm system. They will help to answer the question if vertical farming is an alternative and where it could replace traditional farming techniques.

After the presentations, the speakers will be available for a panel discussion involving the audience.

Further topics to be covered in the seminar series:

Topic	Date & Time
Transition towards sustainable food systems: Needs and possibilities to act	28.05.2021
Shift of consumer demand towards sustainable diets	25.06.2021
Transition towards sustainable farming	30.07.2021 - 13:00(CET)
Sustainable food products	24.09.2021 - 13:00 (CET)
Sustainability assessment of the food chain	22.10.2021 - 13:00 (CET)
Special Session at the EFFoST Conference Innovative strategies and future needs to facilitate the transformation towards sustainable food systems Further information: http://www.fffostconference.com/	01. - 04.11.2021

Short presentations from the scientific community (esp. PhD students & Post Docs) are warmly welcomed. If interested, please email a short abstract (300 words) to sustainability@fffost.org

Further infos on the seminars and registration:

<https://www.fffost.org/members/fffost+working+groups/wg+sustainable+food/default.aspx>

Scientific board: Felix Schottroff, Henry Jäger, Arthur Robin, Kelly Fourtouni, Sergiy Smetana, Anet Režek Jambrak, Hugo de Vries (WG Sustainable Food Systems) & Lukas Luggin, Cinzia Mannozi, Christina Dietz, Christopher McHardy, Helen Saar, Jessica Genovese (Young EFFoST).

The seminar series is organized by the EFFoST Working Group on Sustainable Food Systems, Young EFFoST and ISEKI Food Association.