

KICK-OFF FOR HORIZON 2020

INDUSTRIAL LEADERSHIP AND SOCIETAL CHALLENGES 2018–2020 WORK PROGRAMMES

THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

**HORIZON 2020**

TIME: 16 OCTOBER 11:30–17:00

PLACE: KUNNSKAPSSENTERET, ST. OLAVS HOSPITAL/NTNU ØYA CAMPUS, OLAV KYRRES GATE 10

New opportunities for cutting edge, innovative, impact based collaborative research are now opening. Horizon 2020 is in its last years, and the final Work Programmes will shortly become official. Calls with a combined budget of almost 50 billion Euros will be out this autumn.

The kick-off will focus on topics in the 2018–2020 Industrial Leadership and Societal Challenges Work Programmes that NTNU and SINTEF researchers are interested in applying for. Research ideas in light of the upcoming opportunities will be discussed with both Research Council and local resource persons present in parallel thematic workshops.

PROGRAMME:

11:30–12:30 Networking and light lunch

12:30–13:15 Opening, chaired by Rector Gunnar Bovim, NTNU and CEO Alexandra Bech Gjørv, SINTEF, with introduction from International Director Kristin Danielsen, Research Council

13:30–16:00 Parallel workshops for individual Horizon 2020 Programmes

16:15–17:00 Report from the parallel workshops, chaired by Pro-Rector Bjarne Foss and CEO Alexandra Bech Gjørv, SINTEF

Parallel workshops 13:30–16:00

1. NANOTECHNOLOGIES, ADVANCED MATERIALS, ADVANCED MANUFACTURING AND PROCESSING

Chair: Professor Monica Rolfsen, Dean, Faculty of Economics, NTNU

Co-Chairs: Pro-Dean for Research Tor Grande, Faculty of Natural Sciences, NTNU, Vice President EU Research & Innovation Stian Nygaard, SINTEF Materials and Chemistry and Research Director Odd Myklebust, SINTEF Raufoss Manufacturing AS

Resource persons: National Contact Points Tor Einar Johnsen and Cecilie Anita Mathiesen from the Research Council, Head of Research Administration Astrid Vigtil, IV Faculty NTNU and NTNU EU Advisor Bjørn Steinar Tanem

Venue: Labororiesenteret, 4th Floor, Room LS41

Program:

- Welcome and aim of the workshop/Chair
- Short self-presentation of workshop participants
- Experiences from participation in the Horizon 2020 Nanotechnologies, Advanced Materials, Advanced Manufacturing and Processing Programmes/Professor Magnus Rønning, NTNU, Senior Research Scientist Martin Bellmann, SINTEF Materials and Chemistry and Senior Research Scientist Hans Yngvar Torvatn, SINTEF Technology and Society
- About the Horizon 2020 Nanotechnologies, Advanced Materials, Advanced Manufacturing and Processing 2018 – 2020 Work Programme priorities/ NCP Tor Einar Johnsen, Research Council
- Presentation of topics the participants have indicated an interest in/Chair
- Discussion on how to address the identified topics
- Summing up of the workshop and further steps/Chair

2. BIOTECHNOLOGY AND FOOD

Chairs: Professor Trygve Brautaset, NTNU and Vice President Trond Erling Ellingsen, SINTEF Materials and Chemistry

Resource persons: National Contact Points Øystein Rønning and Inderjit Singh Marjara from the Research Council and NTNU EU Advisor Johanne Arff

Venue: Norwegian Brain Center, 2nd Floor, Room MTKR1

Program:

- Welcome and aim of the workshop/Chairs
- Short self-presentation of workshop participants
- Experiences from participation in the Horizon 2020 Biotechnology and Food Programmes/Adjunct Associate Professor Rahmi Lale, NTNU, Senior Research Scientist Alexander Wentzel, SINTEF Materials and Chemistry and Professor Trygve Brautaset, NTNU
- About the Horizon 2020 Biotechnology and Food 2018 – 2020 Work Programme priorities / NCPs Øystein Rønning and Inderjit Singh Marjara, Research Council
- Presentation of topics the participants have indicated an interest in/NCPs Øystein Rønning and Inderjit Singh Marjara, Research Council
- Discussion on how to address the identified topics
- Summing up of the workshop and further steps/Chairs

3. INFORMATION AND COMMUNICATION TECHNOLOGIES

Chairs: Director NTNU Digital Professor Torbjørn Svendsen and Research Director SINTEF Digital Trond Hagen

Resource persons: National Contact Point Kim Davis from the Research Council and NTNU EU Advisor Sina Therese Blix Prestmo

Venue: Labororiesenteret, 5th Floor, Room LM51

Program:

- Welcome and aim of the workshop/Chairs
- Short self-presentation of workshop participants
- Experiences from participation in the Horizon 2020 Information and Communication Technologies Programme/Professor Magnus Jahre, NTNU and Senior Scientist Jens T. Thieleman, SINTEF Digital
- Building strategic project portfolios / Research Manager Till Christopher Lech, SINTEF Digital
- About the Horizon 2020 Information and Communication Technologies 2018 – 2020 Work Programme priorities/NCP Kim Davis, Research Council
- Presentation of topics the participants have indicated an interest in/Chairs
- Discussion on how to address the identified topics
- Summing up of the workshop and further steps /Chairs

4. HEALTH, DEMOGRAPHIC CHANGE AND WELLBEING

Chairs: Professor Jorunn Helbostad, Faculty of Medicine and Health, NTNU and Research Manager Stine H. Braathen, SINTEF Technology and Society

Resource persons: National Contact Points Kristin Andersen and Benedicte Sognefest from the Research Council, NTNU EU Advisor Emma Walton and NTNU Local Contact Point for Health Yngve Sommervoll

Venue: Kunnskapssenteret, Auditorium KA11

Program:

- Welcome and aim of the workshop/ Chairs
- Short self-presentation of workshop participants
- Experiences from participation in the Horizon 2020 Health, demographic change and wellbeing programme/ Professor Beatrix Vereijken, NTNU and Stine H. Braathen, SINTEF
- About the Horizon 2020 Health, demographic change and wellbeing 2018 – 2020 Work Programme priorities / NCPs Kristin Andersen and Benedicte Sognefest, Research Council
- Presentation of topics the participants have indicated an interest in/Chairs
- Discussion on how to address the identified topics
- Summing up of the workshop and further steps/Chairs

5. CLIMATE ACTION, ENVIRONMENT, RESOURCE EFFICIENCY AND RAW MATERIALS

Chairs: Professor Gabriella Tranell, Department of Material Science, NTNU and Vice President Nina Dahl, SINTEF Materials and Chemistry

Resource persons: National Contact Point Ingunn Borlaug Lid from the Research Council and NTNU Senior Advisor Øyvin Sæther

Venue: Bevegelsessenteret, 4th Floor, Room BS41

Program:

- Welcome and aim of the workshop/ Chairs
- Short self-presentation of workshop participants
- Experiences from participation in the Horizon 2020 Climate Action, Environment, Resource Efficiency and Raw Materials programme /Professor Eivin Røskaft, NTNU and Research Manager Egil Skybakmoen, SINTEF Materials and Chemistry
- About the Horizon 2020 Climate Action, Environment, Resource Efficiency and Raw Materials 2018 – 2020 Work Programme priorities / NCP Ingunn Borlaug Lid, Research Council
- Presentation of topics the participants have indicated an interest in/Chairs
- Discussion on how to address the identified topics
- Summing up of the workshop and further steps/Chairs

6. SECURE, CLEAN AND EFFICIENT ENERGY

Chairs: Head of NTNU Brussels Office Massimo Busuoli and Senior Scientist Berta Matas Güell, SINTEF Energy Research

Resource persons: National Contact Point Marianne Haavardsholm Andal from the Research Council and Tor Ivar Eikaas, Norcore, NTNU Local Contact Point for Energy Eleni Patanou and NTNU EU Advisor Håvard Wibe

Venue: Norwegian Brain Center, 2nd Floor, Room MTS21

Program:

- Welcome and aim of the workshop/ Chairs
- Short self-presentation of workshop participants
- Experiences from participation in the Horizon 2020 Secure, clean and efficient energy programme, Senior Scientist Berta Matas Güell, SINTEF Energy Research
- About the Horizon 2020 Secure, clean and efficient energy 2018 – 2020 Work Programme priorities / Tor Ivar Eikaas and Marianne Haavardsholm Andal, Research Council
- Presentation of topics the participants have indicated an interest in/Chairs
- Discussion on how to address the identified topics
- Summing up of the workshop and further steps/Chairs

7. SMART, GREEN AND INTEGRATED TRANSPORT

Chairs: Professor Sverre Steen, Head of Department of Marine Technology and Professor Carl Thodesen, Head of Department of Civil and Environmental Engineering

Resource persons: National Contact Point Stefan Gundersen from the Research Council, NTNU Local Contact Point for Oceans Anastasios Lekkass and EU Advisor Thomas Sørli Hansen

Venue: Laboratoriesenteret, 2nd Floor, Room LM22

Program:

- Welcome and aim of the workshop/ Chairs
- Short self-presentation of workshop participants
- Experiences from participation in the Horizon 2020 Smart, green and integrated transport programme
- About the Horizon 2020 Smart, green and integrated transport 2018 – 2020 Work Programme priorities / NCP Stefan Gundersen, Research Council

- Presentation of topics the participants have indicated an interest in/Chairs
- Discussion on how to address the identified topics
- Summing up of the workshop and further steps/Chairs

8. INCLUSIVE, INNOVATIVE AND REFLECTIVE SOCIETIES

Chairs: Professor Bjørn Myskja, Pro-Dean for Research, Faculty of Humanities and Professor Karoline Daugstad, Pro-Dean for Research, Faculty of Social and Educational Sciences

Resource persons: National Contact Point Øydis Hagen from the Research Council, NTNU Local Contact Point for Social Science and Humanities Hilde Røysland and NTNU EU Advisor Chamila Attanapola

Venue: Nevro Øst, Ground Floor, Room NSU2

Program:

- Welcome and aim of the workshop/ Chairs
- Short self-presentation of workshop participants
- About the Horizon 2020 Inclusive, innovative and reflective societies 2018 – 2020 Work Programme priorities / NCP Øydis Hagen, Research Council
- Experiences from participation in the Horizon 2020 Inclusive, innovative and reflective societies programme / Professor Annemie Wyckmans, Department of Architecture and Planning, NTNU
- Presentation and discussion of topics the participants have indicated an interest in/Chairs
- Summing up of the workshop and further steps/Chairs

9. SECURE SOCIETIES

Chairs: Associate Professor Nils Kalstad Svendsen, Head of Department of Information Security and Communication Technology, NTNU and Senior Research Scientist Ivonne Andrade Herrera, SINTEF Digital

Resource persons: National Contact Point Berit Tjørhom from the Research Council and NTNU EU Advisor Ida Kallmyr Lerheim

Venue: Bevegelsesenteret, 3rd Floor, Room BM35

Program:

- Welcome and aim of the workshop/ Chairs
- Short self-presentation of workshop participants
- Experiences from participation in the Horizon 2020 Secure societies programme/ Professor Katrin Franke, NTNU and Senior Research Scientist Ivonne Andrade Herrera, SINTEF Digital
- About the Horizon 2020 Secure societies 2018 – 2020 Work Programme priorities/NCP Berit Tjørhom, Research Council
- Presentation of topics the participants have indicated an interest in/Chairs
- Discussion on how to address the identified topics
- Summing up of the workshop and further steps/Chairs

WHERE TO FIND THE WORKSHOP VENUES:

