

# EUROPEAN STRATEGY SUMMIT



## AGENDA

### NTNU and SINTEF Annual European Strategy Summit 2020

Webinar 20.10.2020 08.30–12.30

#### 08.30–09.30 | Plenary session 1: Green Deal Now

**Anne Borg** (Rector, NTNU) and **Alexandra Bech Gjørsv** (CEO, SINTEF), Opening address.

**Signe Ratso** (Deputy Director-General, DG RTD, European Commission) presenting the Commission's [six priorities](#) with focus on the [European Green Deal](#)

and **Henrik Asheim** (Minister of Research and Higher Education) presenting how Norwegian stakeholders can contribute to these priorities.

Other contributors to the session are **Raymond Johansen** (Governing City Mayor of Oslo) and **Sophie Hildebrand** (CTO, Equinor).

*10 min break.*

#### 09.40–10.40 | Plenary session 2: Digital Age

**Iselin Nybø** (Minister of Trade and Industry) highlighting opportunities for businesses, industry and the public sector.

and **Roberto Viola** (Director-General, DG CONNECT, European Commission) presenting the strategy [“A Europe fit for the digital age”](#)

Panel discussion with:

- **Roberto Viola**, Director-General, DG CONNECT, European Commission
- **Hege Skryseth**, Executive Vice President, KONGSBERG and President of Kongsberg Digital
- **Bjarne Foss**, Pro-Rector for Research, NTNU
- **Morten Dalsmo**, Executive Vice President of SINTEF and Head of SINTEF Digital

*20 min break.*


#### 11.00–11.40 | Plenary session 3: Post COVID-19

**John-Arne Røttingen** (CEO, Research Council of Norway) presenting European research collaboration to restart society and our economy.


**Muriel Attané** (Secretary General, EARTO) starting the discussion highlighting the top European challenges.

Panel discussion with:

- **Camilla Stoltenberg**, Director General, Norwegian Institute of Public Health
- **Håkon Haugli**, CEO, Innovation Norway
- **Hans Erik Vatne**, CTO, Hydro



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**11.40–11.45 | Closing remarks and call to action by Anne Borg (Rector, NTNU) and Alexandra Bech Gjørv (CEO, SINTEF)**


*5 min break.*

**11.50–12.30 | Parallel breakout sessions:**

1. Industrial Strategy and Circular Economy
2. Industrial Strategy and Climate Neutrality
3. Global Health and Resilience
4. Sustainable Mobility



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## Breakout 1 – Industrial Strategy and Circular Economy

Climate change and environmental degradation are existential threats to Europe and the world. To overcome these challenges, The European Union has developed a new growth strategy, The European Green Deal, that aims to spur sustainable economic growth while making Europe the first climate neutral continent.

The European Green Deal will transform Europe into a modern, resource-efficient, and competitive economy where

- there are no net emissions of greenhouse gases by 2050
- economic growth is decoupled from resource use
- no person and no place are left behind, just transition

In this session we will focus on

- 1) how circular economy can ensure a global competitive and emission free European industry by 2050, and
- 2) how this can be done by transforming the industry itself and the entire value chain.

Mattia Pellegrini, Head of Unit, DG ENVI from the European Commission will open the session. Pellegrini is one of the architects behind the EC Strategy: «Circular Economy Action Plan (2020)», and he is also in the leading group in the EC directorate for «Circular economy and Green Growth». Pellegrini will give a quick outline of the policies to reach the European Green Deal targets and interventions from actors outlining possible substantial Norwegian contributions related to circular economy.

The following program will focus on how Norway, through Circular Economy, best can join forces with EU partners to achieve the challenging 2050 objectives.

### Introductory presentations

- Welcome, Monica Rolfsen, Professor and Dean at the Faculty of Economics and Management, NTNU and Eli Aamot, Executive Vice President of SINTEF and Head of SINTEF Industry
- Mattia Pellegrini, Head of Unit, DG ENVI, European Commission  
«A globally competitive and emission free European industry in 2050 – policies to make it happen»

### Norwegian contributions that can make a difference


- **Norwegian process industry:**  
Rolf Olaf Larsen, Herøya Industripark  
«How is the Circular Economy Action Plan relevant for Norwegian process industry?»

### Consumer perspective:

Camilla Skjelsbæk Gramstad, Head of Sustainability, Virke  
«Possibilities, challenges and responsibilities from a consumer perspective»

### Discussion, summary and closing remarks

- **Circular Economy in a societal perspective:**  
Asgeir Tomasgard, NTNU, Monica Rolfsen, NTNU and Eli Aamot, SINTEF  
«What barriers are present for societal implementation of a circular economy?  
Skills we will need in Norwegian Labour force in a circular economy»



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## Breakout 2 – Industrial Strategy and Climate Neutrality

Climate change and environmental degradation are existential threats to Europe and the world.

To overcome these challenges, the European Green Deal must become a catalyst for new growth that will transform Europe into a modern, resource-efficient and competitive economy where

- there are no net emissions of greenhouse gases by 2050
- economic growth is decoupled from resource use
- no person and no regions are left behind


In this session we will focus on how ensure a globally competitive and emission free European industry in 2050 – examining ways of transforming the industry itself and its use of new energy resources and energy carriers.

Tudor Constantinescu, European Commission, will give an outline of policies to reach the newly suggested EU 2030 targets, followed by interventions from outlining possible substantial Norwegian contributions related to new and ground-breaking industrial activities with global impact, building on innovative industrial development, value creation and job growth from CCS technologies and the Hydrogen economy.


The ensuing debate will focus on how Norway best can join forces with EU partners to achieve its challenging common 2050 targets.

### Programme

- **Welcome by Inge Gran, CEO, SINTEF Energy Research**
- **Tudor Constantinescu, Principal Adviser to the Director General of Energy, European Commission**  
«A globally competitive and emission free European industry in 2050 – policies to make it happen»
- **Jannicke Bjerckås, Director CCS, Fortum**  
«How can CCS on the Waste-to-energy sector in Norway contribute to emissions reductions and new industrial concepts in Europe»
- **Steinar Eikaas, VP of Low Carbon Solutions, Equinor**  
«Can blue H<sub>2</sub> be a fast forward for a green H<sub>2</sub> economy»
- **William Christensen, Deputy Director General, Ministry of Petroleum and Energy**  
«The government's role in the transition»
- **Panel discussion moderated by Olav Bolland, Dean, NTNU**
  - Henriette Nesheim, Seconded National Expert in The European Commission, DG Energy
  - Steinar Eikaas, VP of Low Carbon Solutions, Equinor
  - William Christensen, Deputy Director General, Ministry of Petroleum and Energy
  - Jannicke Bjerckås, Director CCS, Fortum



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## **Breakout 3 – Global Health and Resilience**

The current COVID-19 pandemic has perpetuated the globalisation of health challenges. One country or a region's challenges may rapidly have global impact, as demonstrated to the full by the ongoing pandemic. Strengthening resilience towards future health challenges and new pandemics will require international collaboration, concerted national and regional responses in diverse contexts and research-driven innovation, closely aligned with governments and industry.

This session will address our preparedness to meet new international health challenges through three highly relevant perspectives:

- The role of cross-national structures such as the European Union
- Re-organizing and capacity building of fragile health systems
- Deployment of new digital technology solutions to enable rapid response while alleviating health systems under pressure

## **Programme**

- **Björn Gustafsson, Dean at the Faculty of Medicine and Health Sciences, NTNU**
  - Introduction to «Global Health and Resilience»
- **Anna Lönnroth, Head of Healthy Lives Unit, DG RTD, EU Commission**
  - «The role of EU in building global health resilience»
- **Pitches as input to the panel discussion**
  - Håkon Bolkan, PhD, MD, St. Olavs Hospital  
«Capacity building in a fragile health system; how Ebola lessons inform the COVID-19 response»
  - Odd Sandbekkhaug, Co-Founder, Infiniwell.  
«Scaling capacity and resilience through intelligent telemedicine solutions»
- **Panel discussion led by Morten Dalsmo, Executive Vice President of SINTEF and Head of SINTEF Digital**
  - Camilla Stoltenberg, Director General, Norwegian Institute of Public Health
  - Håkon Haugli, CEO, Innovasjon Norge
  - John-Arne Røttingen, CEO, The Research Council of Norway



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## Breakout 4 – Sustainable Mobility

Mobility is in transition. Succeeding with this transition is crucial for achieving a reduction of 90 % in emissions from transport in EU within 2050 and a sustainable world towards 2030. EU shows responsibility for this transition through the EU Green Deal and the emerging EU Strategy on Sustainable & Smart Mobility. These strategies and action plans pave the ground for European technology, competence and culture that can make difference globally, and Norwegian industry, universities and research institutes are ready to contribute.

### Programme

The Chapters in EU Green Deal and EU Strategy on Smart and Sustainable Mobility should be sent to the participants before the seminar.

- **Welcome to this session: Helge Brattebø (NTNU) and Beate Kvamstad-Lervold (SINTEF)**
- **Keynote: Mr. Robert Missen, Head of Unit, Research & Innovation, DG MOVE, European Commission**
  - Status on the contents in EU Green Deal and EU Strategy for Sustainable & Smart Mobility
  - Information about the calls expected to be launched
  - Expectations to the Norwegian clusters contributions to achieving the goals in the strategies
- **Examples where Norway can make a difference**
  - Ann-Margritt Tinlund Ryste, Senior Adviser R&D Governance, Kongsberg Maritime.
- **Panel**
  - Ragnhild Wahl, Senior Adviser R&D Governance, The Norwegian Rail Directorate
  - Ann-Margritt Tinlund Ryste, Kongsberg Maritime
  - Ørnulf Rødseth, senior researcher and manager Norwegian Forum for Autonomous Ships
  - Bruno Pollet, Professor and leader Team Hydrogen, NTNU
- **Q&A**