



**NORTH
SEA
CLIMATE
CONFERENCE 2019**

Working together to
tackle climate change

How can we reduce the CO₂ footprint of the North Sea Region and protect its 60+ million citizens from the impacts of global heating?

Regional public agencies, young citizens, and companies will share their thoughts and initiatives to create a climate-smart society. Join the discussion and help advance a fossil-free, resilient North Sea Region!

PROGRAMME

Pre-Programme 24 June

North Sea Commission welcome reception

For members of the North Sea Commission only
@Region Västra Götaland, Bergslagsgatan 2, 411 04 Gothenburg

- 17:00 Welcome reception for North Sea Commission members in Gothenburg, followed by joint bus transport to Marstrand at 18:30
- 20:00 Check-in and light dinner at Marstrands Havshotell

Pre-programme 25 June

North Sea Commission meetings

For members of the North Sea Commission *only*
@ Marstrands Havshotel, Varvskajen 2, 442 66 Marstrand, Sweden

- 09.00 - 12.00 NSC - Energy and Climate Change Working Group *@Hamnen*
09.00 - 12.00 NSC - Marine Resources Working Group *@Malepert*
09.00 - 12.00 NSC - Smart Regions Working Group *@Backudden*
09.00 - 12.00 NSC - Transport Working Group *@Albrektsund*
12.00 – 13.00 *Lunch*
13.00 – 17.00 North Sea Commission Annual Business Meeting *@Vinden*
17.00 – 18.00 North Sea Commission Executive Committee Meeting *@Vinden*

Interwork Event

For those working with the Interreg VB North Sea Region Programme
@ Marstrands Havshotel, Varvskajen 2, 442 66 Marstrand, Sweden

- 09.00 – 16.00 Calls 11 and 12 Interwork Seminar *@Blå Salen*

Main Programme 25 June

@ Restaurant Sillsalteriet – boats leaving at 18:30 and 18:45 from Marstrands Havshotel

Opening and Networking Dinner

- 19.00 **Welcome**
- First Vice President of the Regional Council Region Västra Götaland, Per Tenggren
 - President of the North Sea Commission, Kerstin Brunnström
 - Head of the North Sea Region Programme Christian Byrith

North Sea Region Video Awards

Main Programme 26 June

@Marstrands Havshotel, Varvskajen 2, 442 66 Marstrand, Sweden

MORNING SESSIONS

09.00 – 10.30 **Plenary: Gearing up the region for climate change**

@ *Blå salen*

- **Let's tackle climate change in a smart way!** Moderators Charlotta Lundström, Head of External Relations, Region Västra Götaland and Christian Byrith, Head of the Interreg North Sea Region Programme introduce the Conference with our youth observers.
- **Falling costs of renewable electricity – a regional opportunity** Professor Tomas Kåberger, Chalmers University of Technology, will give an update on the implication of current development in renewable energy.
- **Climate 2030 – Västra Götaland's regional climate initiative** Helena L Nilsson, Regional Development Director, Region Västra Götaland, Sweden presents how the region drives climate action.
- **A North Sea Region perspective on tackling climate change** Egon Baldal, Rijkswaterstaat, Ministry of Infrastructure and Water Management, the Netherlands, shares his experience in regional climate adaptation.
- **The new ETC regulation – chances and challenges for climate change as a programme priority:** Katharina Erdmenger, German representation to the EU, provides an update on the post-2020 discussions in Brussels.
- **Empowering young people to take climate action** Jamie Wylie, Master student and volunteer in the 2050 Climate Group, Scotland provides his best tips for involving youth.
- **Panel discussion**

10.30 – 11.00 **Coffee, Tea and Networking**

11.00 – 12.30 **Workshops: Climate governance**

- 1: Climate governance @*Blå salen*
- 2: Climate adaptation @*Hedvigsholmen*
- 3: Decarbonising transport @*Vinden*

12.30 – 13.30 **Networking Lunch**

Main Programme 26 June

@Marstrands Havshotel, Varvskajen 2, 442 66 Marstrand, Sweden

AFTERNOON SESSIONS

13.30 – 14.30 **Plenary: Building business models for the future**

@ *Blå salen*

- **Towards more sustainable dairy production – is Carbon Net Zero milk possible?**
By Anna Flysjö, Senior Manager, Life Cycle Sustainability at Arla Foods, Denmark
- **Advanced material from Algae produced in a circular way**
By Sofie Allert, CEO, Swedish Algae Factory, Sweden
- **Enabling renewable baseload generation by flying subsea kites**
By Martin Edlund, CEO Minesto, Sweden
- **Floating offshore wind for the future**
By Efva Willen, Business Development Manager, SeaTwirl, Sweden

14.30 – 16.15 **Workshops: Business driving climate solutions**

4: Climate and Blue Growth @*Blå salen*

5: Renewable and Sustainable Energy @*Hedvigsholmen*

6: Climate-Smart Food Production @*Vinden*

16:15– 17.00 **Final plenary: Closing with a bang**

Today's highlights - promising options for rapid responses to climate change in the North Sea Region. What are the next steps? President of the North Sea Commission Kerstin Brunnström summarises the key points.

AFTER-CONFERENCE MINGLING

17.30 **Visit to Carlsten Fortress & snacks**

*Those who will visit the fortress will leave the plenary together and make their way to the ferry (which departs from the pier at **17.52 – be on time!**).*

Keynote speakers



Tomas Kåberger

Dr Tomas Kåberger is an affiliate professor of Renewable Energy at Chalmers University of Technology in Gothenburg and Industrial Growth Executive at InnoEnergy. He also serves as Executive Board Chairman of Renewable Energy Institute in Tokyo and as a senior advisor to GEIDCO in Beijing. Dr Kåberger is a member of the Swedish Climate Policy Council and a non-executive director of the energy company Vattenfall.

He started his career as an energy campaigner for the Swedish Society for Nature Conservation and has since served in different leading positions of solar, wind and bioenergy companies and as Director General of the Swedish Energy Agency.



Helena Nilsson

Helena L. Nilsson is Director of Regional Development in Region Västra Götaland. Prior to this position she was Manager of the Environmental Department and Manager of the Research and Development Department in the region. Helena L Nilsson has also held positions in the Swedish Research Institute sector and in a consulting firm.

As a policy expert, Mrs Nilsson has had different commissions of trust. For example, as member of an Expert Group to DG Research related to financing instruments. Mrs Nilsson's background is in economic geography and business administration.



Jamie Wylie

Jamie Wylie is a volunteer for the 2050 Climate Group, a youth-run organisation aiming to engage, educate and empower Scotland's young people to take action on climate change.

He is a member of the Policy team, which engages in policy decision-making processes at the national level to ensure that young people's voices are heard. Jamie recently represented the 2050 Climate Group at COP24 in Katowice, Poland.

He is currently studying for a master degree in Environmental Management and Policy at Lund University in Sweden.



Egon Baldal

Egon Baldal (Ministry of Infrastructure and Water Management, DG Rijkswaterstaat, the Netherlands) is a trained marine biologist and holds a PhD in evolutionary genetics.

He worked as the water manager of the south-western Delta for several years and became staff member of the Rijkswaterstaat Director General, followed by a position as head of section of the Dutch water quantity and water quality monitoring units. From 2016 onwards he has been leading the Interreg North Sea Region climate adaptation project Building with Nature.

Together with partners from other projects he created the C5a project, which focusses on climate adaptation through a Cloud to Coast approach. On a national level, Egon Baldal is programme manager for the Rijkswaterstaat input in the Dutch Delta Programme. He lives with his partner and children 1 meter below sea level in a peat meadow area just outside Amsterdam.



Katharina Erdmenger

Dr Katharina Erdmenger recently took up the position of Head of Unit/Coordinator for Police cooperation, Schengen, Data protection, Civil protection, Counter-terrorism, and Territorial Cohesion at the Permanent Representation of Germany to the EU in Brussels. During the preceding ten years, she was Head of Unit/Deputy Director for European Spatial Development Policies/Territorial Cohesion, first at the Federal Ministry for Transport and digital Infrastructure, then at the Federal Ministry of the Interior in Berlin.

She has also worked at the German Trade Union Confederation, where she assumed the roles of Head of EU Representation Office and Policy Officer for Regional and Structural Policies. Other past positions include Policy Officer for European Affairs at Diakonisches Werk in Berlin and assistant to MEPs at the European Parliament in Brussels.

Dr Katharina Erdmenger holds a PhD in History, Political Science and European and International Law.



Martin Edlund

Dr Martin Edlund has for the last twenty years combined management consulting and strategy research collaboration with world-class technology companies such as ABB, GE, LM Ericsson and SKF. Today, he leads Swedish marine energy developer Minesto and the work towards commercialising its unique marine energy technology called Deep Green.

Dr Martin Edlund holds a PhD in Innovation Management from the Department of Technology Management and Economics at the Chalmers University of Technology and holds a Master's degree in Engineering Physics.



Sofie Allert

Sofie Allert is the co-founder and CEO of Swedish Algae Factory. She has a Bachelor degree in Biotechnology and a Master's degree in Entrepreneurship and Business design from Chalmers University of Technology. Swedish Algae Factory was founded because of her passion for making use of a natural resource that can create a lot of sustainable value for society, algae.

Swedish Algae Factory has developed a circular economic business model around a group of algae called diatoms whose unique properties can be used to enhance solar panels, improve battery capacity, provide UV light protection and improve moisturising properties of skincare products.



Anna Flysjö

Anna Flysjö started to work with sustainable food production and consumption in 2003. Since 2008, she has worked with environment and sustainability at Arla Foods focusing on strategy development, environmental reporting, and communication and research activities among other things.

She has a background in life cycle assessment and did her PhD on greenhouse gas emissions in milk and dairy production chains and received her degree from Aarhus University, department of Agroecology.



Efva Willén

Efva Willén is Business Development Manager at SeaTwirl. She has almost 25 years' experience working in the offshore oil & gas industry for 10 years.

Efva has extensive experience within international Business Development, Project Management and Engineering Management.

She is a Naval Architect, educated at Chalmers University of Technology in Gothenburg and also has a background in scale model testing and design optimisation.