

Responding to climate change

What will be the future topics for the North Sea Region?

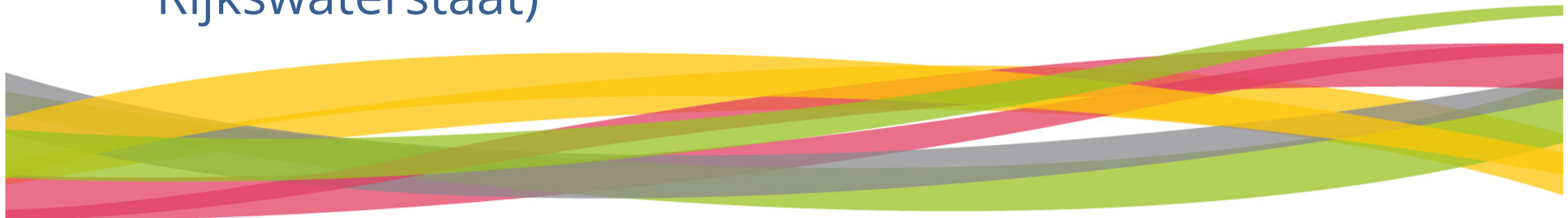


@Fredrikstad, Norway, 14 June 2018



Introduction: Part 1

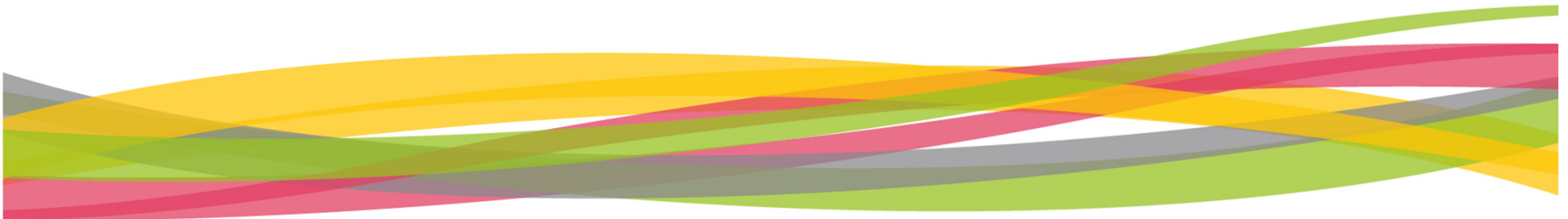
- General introduction (NSRP and NSRP projects (Jesper Jönsson and Jenny Thomsen)
- General introduction (NSC and climate change policy) (Paulien Kooistra and Jon-Olav Strand, NSC)
- Climate in proposal for EU MFF (Jenny Thomsen)
- Reflections on the Future (Egon Baldal, Rijkswaterstaat)





Introduction: Part 2

- 2 sub-group discussions on the future
- Feedback from sub-groups
- Conclusions and way forward







Funding left

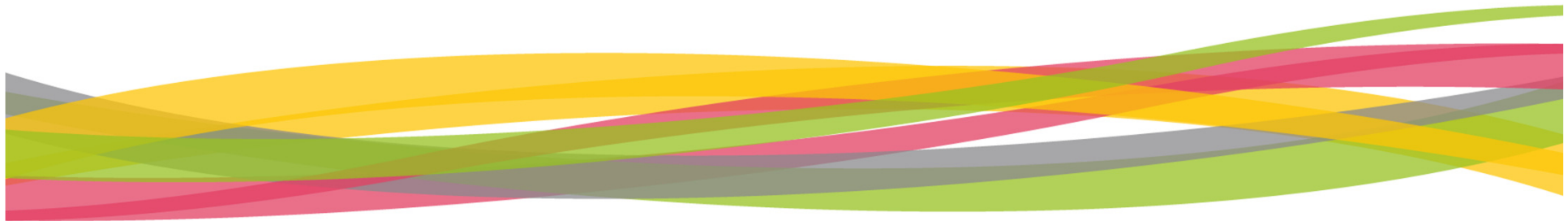
Priority	ERDF	Norwegian funding	Total funding available
Priority 1	21.510.212	326.684	21.836.896
Priority 2	29.306.288	1.610.985	30.917.273
Priority 3	4.473.422	1.237.134	5.710.556
Priority 4	17.676.886	276.675	17.953.561
Total	72.966.808	3.451.478	76.418.286

Note that the funding available is going to be reduced in accordance to the decisions made by the Steering Committee at their meeting next week.





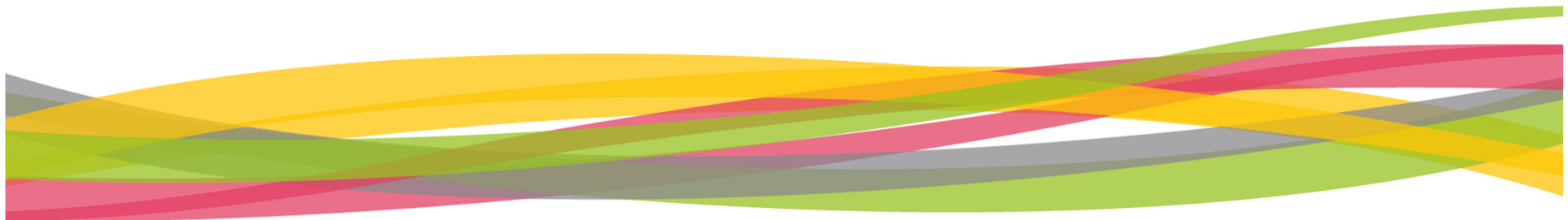
Together we aim at;
*Joining efforts to lead the way to
stronger, more sustainable
economies and societies around the
North Sea.*





Four priorities

-  Thinking growth
-  Eco-innovation
-  Sustainable North Sea Region
-  Green transport and mobility



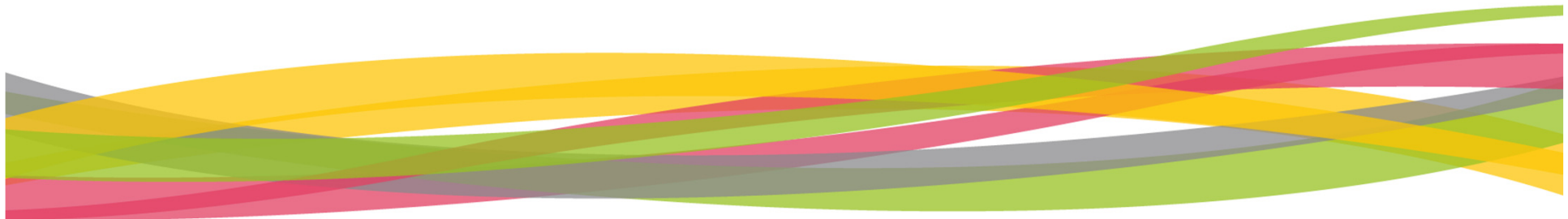


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Join event E904

Vote on the question:

What is the most crucial North Sea Region-related topic to be addressed by 2027?

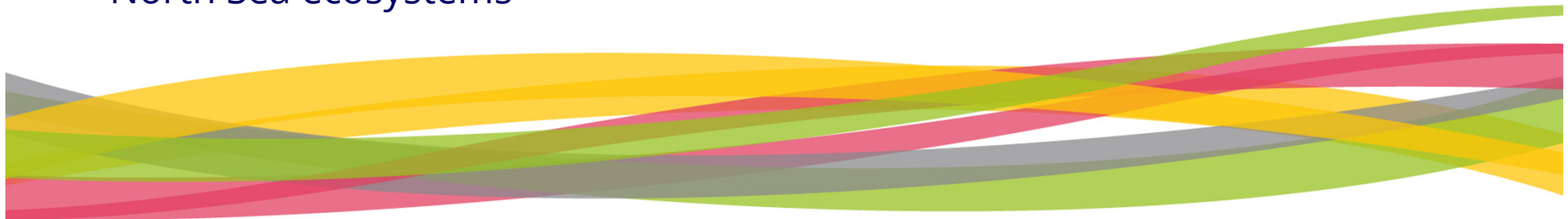




Priority 3: Sustainable North Sea Region: Protecting against climate change and preserving the environment

3.1. Demonstrate new and/ or improved methods for improving the climate resilience of target sites

3.2. Develop new methods for the long-term sustainable management of North Sea ecosystems

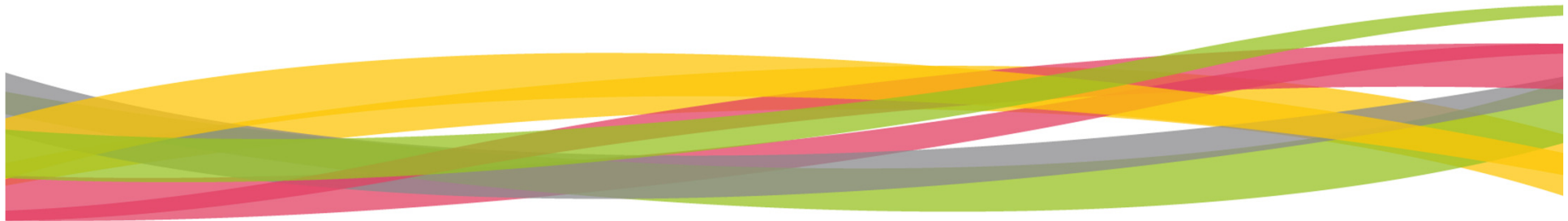




13 approved projects

3.1

- BEGIN
- Building with Nature*
- FAIR*
- TOPSOIL*
- CATCH*
- FRAMES
- Jomopans

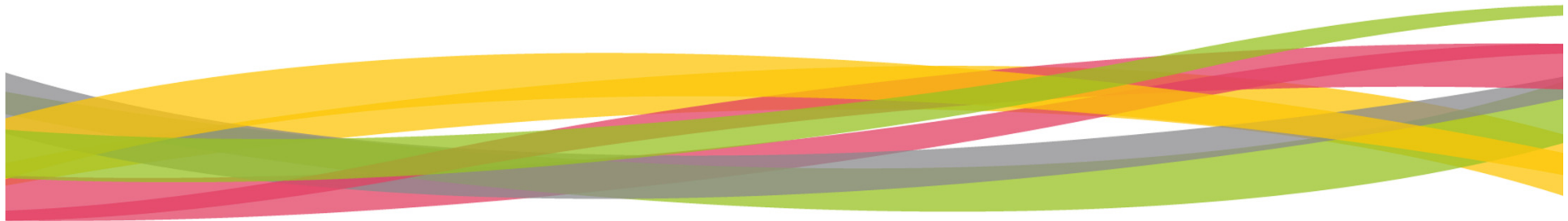




13 approved projects

3.2

- NorthSEE
- NuReDrain*
- Sullied Sediments*
- PARTRIDGE
- Canape
- WaterCoGovernance*





Lead beneficiary: Ministry of Infrastructure and Watermanagement-
DG Rijkswaterstaat, The Netherlands

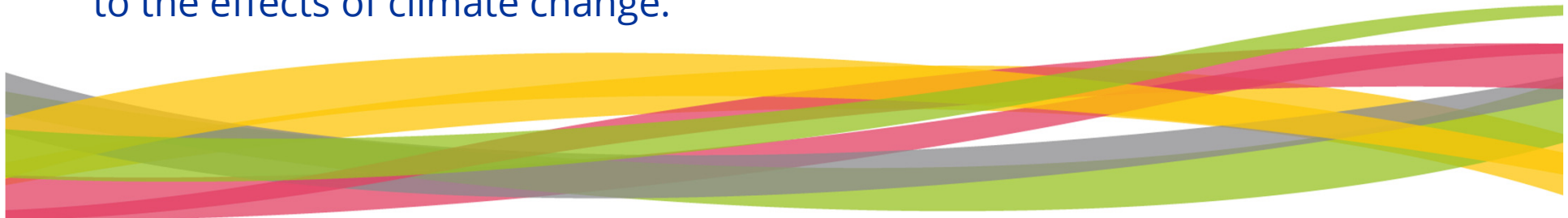
Aims: Reduce flood risk across the NSR by demonstrating climate change
adaptation solutions to improve the performance of flood risk protection
infra-structure.





Lead beneficiary: Ministry of Infrastructure and Watermanagement-
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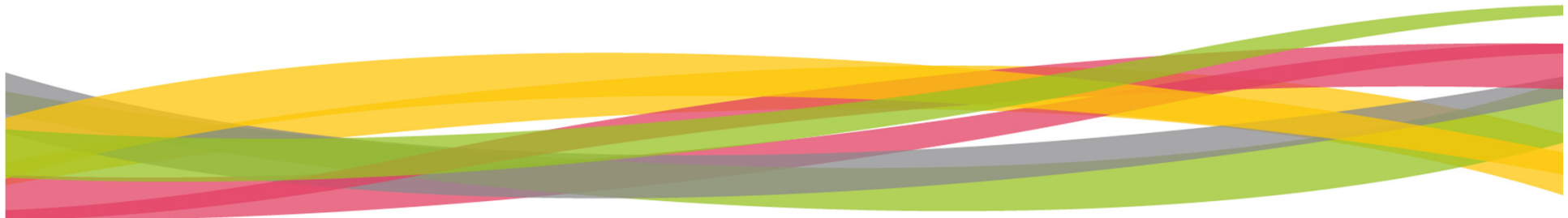
Aims: Make coasts, estuaries and catchments more adaptable and resilient
to the effects of climate change.





Lead beneficiary: University of Hull, U.K.

Aims: Prevent contamination from certain pollutants that can be found in sediments in our waterways.





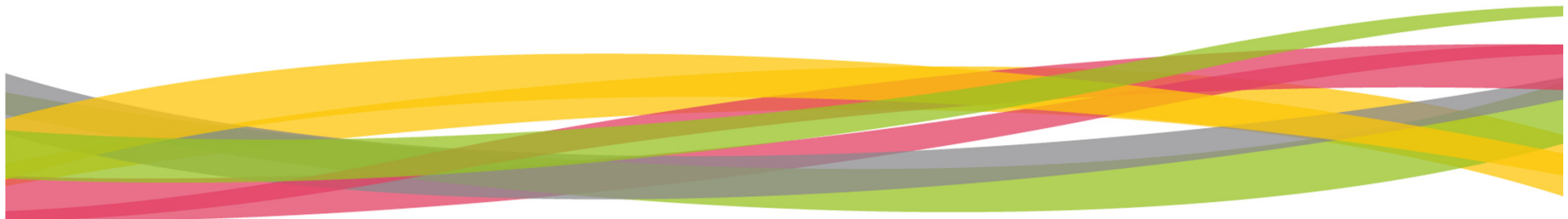
Lead beneficiary: The Rivers Trust, U.K.

Aims: Adoption of new participatory ecosystem service based approaches that implementation and integration of different water management frameworks can be achieved at the same time as providing additional social, economic and environmental benefits not currently being realised.



Lead beneficiary: VITO, Belgium

Aims: Reduce N and P pollution from agricultural in areas prone to eutrophication in order to improve/restore the quality of the aquatic environment.





Lead beneficiary: Waterschap Vechtstromen, the Netherlands

Aims: To demonstrate and accelerate the redesign of urban water management of midsize cities in the North Sea Region in order to become climate resilient cities.





Lead beneficiary: Region Midtjylland, Denmark

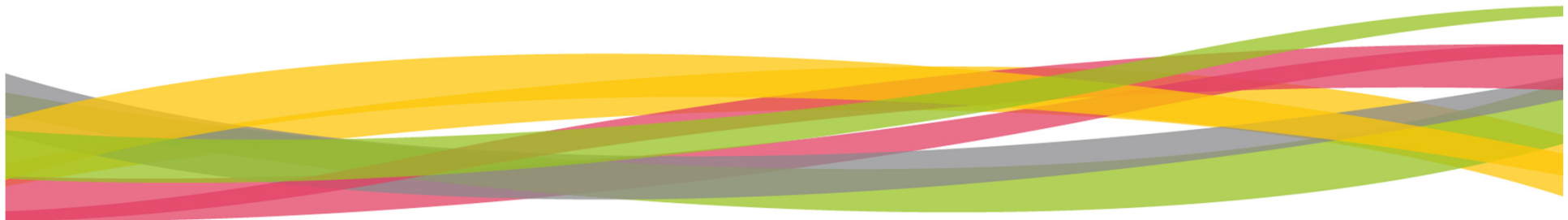
Aims: Joint development of methods to describe and manage the uppermost 30 m of the subsurface, for the purpose of improving climate resilience demonstrated in pilot projects.





North Sea Commission

- Overall overview of about work of CPMR NSC (Paulien Kooistra)
- NSC climate change adaptation / mitigation (Jon Olov Strand)
- CPMR Taskforce, policy trends, climate change on European level (Paulien Kooistra)



NSC CPMR Energy and Climate Change



CPMR North Sea Commission

- One of six geographical commissions of the Conference of Peripheral Maritime Regions (CPMR), the North Sea Commission
- Cooperation platform for regions around the North Sea, mission is to strengthen partnerships between regional authorities which face the challenges and opportunities presented by the North Sea
- Through dialogue and partnerships promote common interests, in relation to European Union Institutions, national governments and other organisations
- Political lobbying, transnational projects, exchange of knowledge and best practices
- Marine resources, Transport, Attractive and sustainable communities and Energy and Climate Change

Key action areas Climate change and energy

- 1) Facilitate climate change adaptation and mitigation through local, regional and national levels
- 2) Facilitate for a reduction of greenhouse gas emissions
- 3) Promote energy efficiency as well as innovation and green growth in low-carbon technologies
- 4) Foster strong regional, national and European support for the development of the North Sea Grid



The North Sea Commission Climate Change Adaptation in the North Sea Region

The North Sea Commission

The North Sea Commission (NSC) is a regional platform for regions around the North Sea. Our mission is to further partnership between regional authorities which face the challenges and opportunities presented by the North Sea. Through dialogue and formal partnerships, we seek to promote common interests, especially in relation to European Union institutions, national governments and other organisations dealing with issues that are relevant to the North Sea.

The North Sea Commission is one of the geographical commissions under the framework of the European Region of North Sea. The North Sea Region is a geographical area defined by the North Sea. Geographically it covers the North Sea region of Denmark, Sweden, Germany, the Netherlands, Belgium, UK, France and Norway.

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The North Sea Region

The North Sea Region (NSR) includes a number of strong economies and is one of the most successful regions in Europe. The NSR therefore has the potential to act as an engine for growth in Europe by using best practices developed in the NSR of acting as a centre of excellence for the EU issues.

The NSR 2020 strategy sets out priorities for four focus areas. The aim is to support sustainable growth and improve the quality of life for the region's citizens by addressing the energy and climate issues facing the region, promoting a more environmentally friendly and efficient transport sector, tapping into blue resources and promoting local businesses and partnerships in order to help create vibrant local communities. In addition, the strategy will promote innovation and seek to support a skilled and relevant workforce for the future. The strategy therefore provides a framework for policy integration and coherent development of the North Sea Region.

Climate Change Adaptation

One of the main challenges facing the North Sea Region is climate change, with the expectation that this will impact increased precipitation and flooding in the North Sea. The North Sea will be hit with increased temperatures and acidity in the North, and coastal erosion changes to both shores in Europe. The severity of the impacts of climate change varies by region. Rising sea levels and coastal areas have flooding at times of extreme weather conditions from a specific and coastal flooding the North Sea. Climate change will also drive to reduce, agriculture and represent serious effects on roads and marine systems. The coastal areas involve sea level rise and may provide insufficient protection. For the North Sea, these are all very important issues which need to be addressed and tackled with common challenges and approaches.

A Common Approach
While all the countries in the NSR have an aim planning to adopt a national climate strategy as



will be a need for coordination and agreement of a common approach to climate change in the region. The North Sea Region is developing the knowledge base through common research and studies. At this location you will find information on climate change policies and best practices.

Energy Awareness
Working with coastal change and marine industry in the development of a low-carbon economy with energy efficiency, green technology and climate change adaptation strategies. One awareness of the issue among the general public.

Renewable energy
With their strategic blue energy opportunities. Due to its geographical conditions, the North Sea Region has a high potential for renewable energy from wind, waves, tides, currents, hydrothermal and biomass.

Key action area 2: facilitate reduction green house gas emission

- Monitor developments, stimulate exchange of best practices
 - Focus on reduction of emissions from industries (mobility/transport), clean fuels like biofuels, hydrogen etc.
 - Mapping energy transition in the NSC regions (factheets)



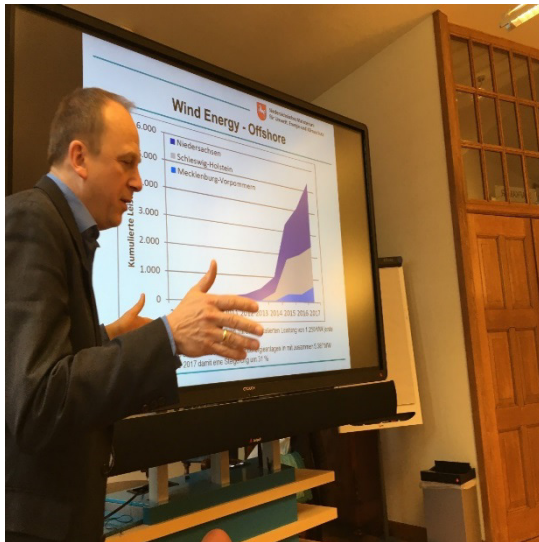
Key action area 3: energy efficiency, innovation and green growth in low-carbon technologies

- Monitor developments in the regions, stimulate exchange of best practices
 - 2/3 times activities during working group meetings
 - Exchange of best practices



Key action area 4: Foster strong regional, national and European support for the North sea grid

- Visibility of NSC position in relevant statements and documents
- Promoting the role of the regions in the work related to the Member states North Sea political declaration off shore wind



CPMR Climate Taskforce

- Prepare policy positions on all issues related to Energy and Climate (CPMR regions and EU)
- Mitigation and adaptation: enroll the Regions in implementing Paris agreement
- Gaining better understanding of differences between regions acting on climate change
- Evaluating economic, social and environmental repercussions of climate change on peripheral maritime regions (coastal erosion, marine submersion, freshwater resources): capacity for regional action
- Understanding and sharing consequences of climate changes water resources and evolution of coastal areas, the capacity for action of authorities to meet these challenges
- Helping to implement EC White paper on Adaptation and EU Adaptation Strategy package (for example biodiversity)
- Priorities taken into account future cohesion policy
- Enabling Regions access to data, tools regarding adaptation
- Current activities: responding to Long-Term EU Strategy (2050) on Climate Action and
- build a Technical Expert Group to work on “Regional Infrastructure and Insurance” with the European Commission (DG CLIMA)

Thank you very
much for your
attention

[www.cpmr-
northsea.org](http://www.cpmr-northsea.org)

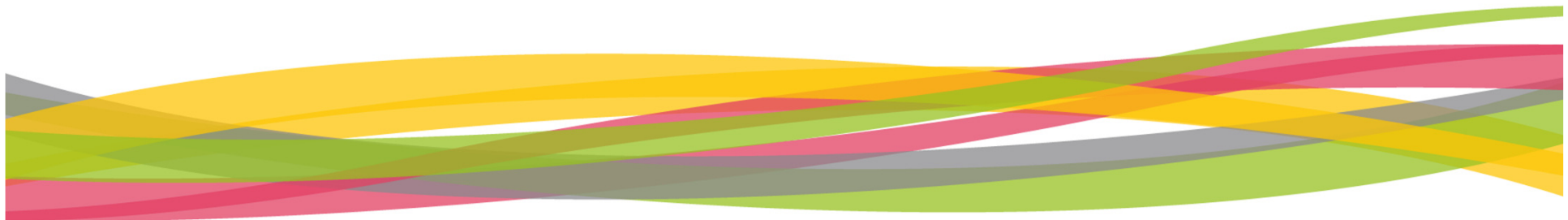
www.cprm.org





Climate in proposal for EU MFF 2021-2027

- Increase to **at least 25% (€ 320 billion) of EU expenditure** contributing to climate objectives
- Climate target of 30% **European Regional Development Fund**

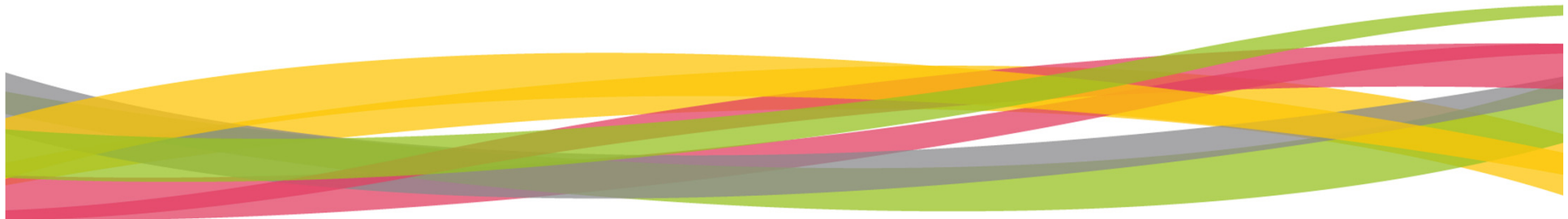




Reflections on the future

by Egon Baldal

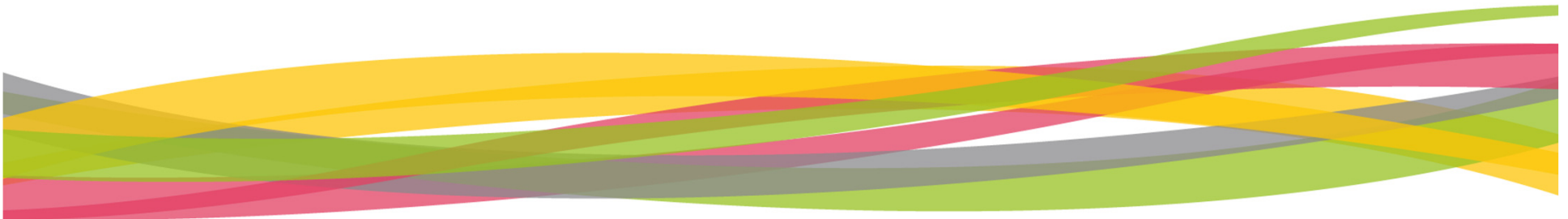
(Ministry of Infrastructure and Watermanagement-
DG Rijkswaterstaat)





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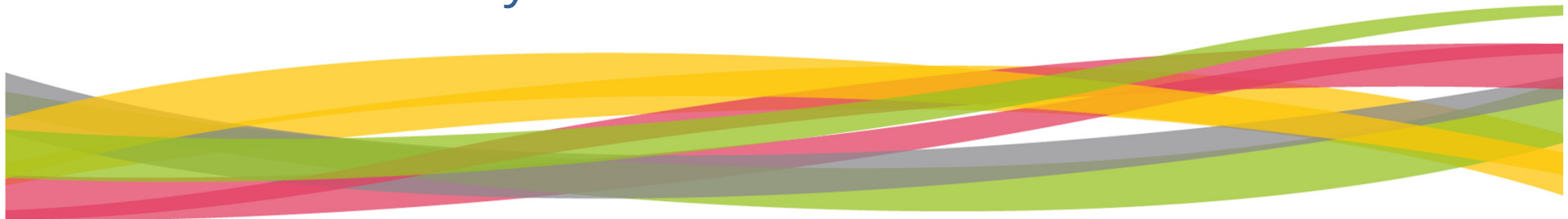
Questions to discuss

1. What are the trends in climate change so far?

Where do you see additional shared challenges?

2. What needs to be covered by NSR future projects?

Where do you see the focus for the future?





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