

1st MISSION ARENA

14-16 November 2023 | Gothenburg, SE

Funders round table workshop

How do we find pathways forward for better cooperation between funders to achieve better project results?

THEME: Funding





Agenda

9:00 Opening

Angela, Submariner and Maya Miltell, BaltCF, including a speed presentation round

9:20 Presentations

- Nils Höglund, CCB
- Peter Carlsson, Chalmers
- Eirik Oland, Handelens miljøfond

9:45 Small group brainstorming (3*10min in smaller group)



Second session at 10:45: Big group discussion

















Mission objective and targets

Restore our ocean and waters by 2030

Protect and restore marine and freshwater ecosystems and biodiversity in line with EU Biodiversity Strategy

Protect a minimum of 30% of the EU's sea area and integrate ecological corridors, as part of a true Trans-European Nature Network.

Strictly protect at least 10% of the EU's sea area

At least 25,000 km of free-flowing rivers are restored

Contribute to relevant upcoming marine nature restoration targets incl. degraded seabed habitats and coastal ecosystems

Prevent and eliminate pollution of our ocean, seas and waters in line with EU Action Plan towards Zero Pollution

Reduce by at least 50% plastic litter at sea

Reduce by at least 30% microplastics released into the environment

Reduce by at least 50% nutrient losses, the use and risk of chemical pesticides

Make the Blue Economy carbon neutral and circular in line with the European Climate Law

Eliminate greenhouse gas emissions from maritime economic activities in the EU and sequester those emissions that cannot be avoided (net zero maritime emissions)

Develop zero-carbon and lowimpact aquaculture, and promote circular, low-carbon multipurpose use of marine and water space.



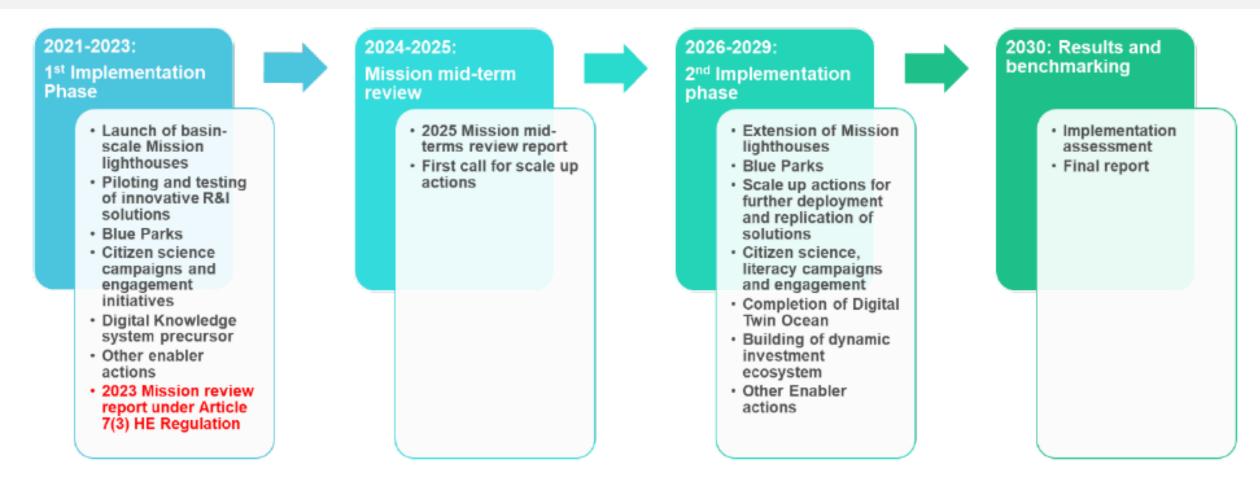


Figure 5 Overview of the Mission implementation schedule and milestones

The mission will be implemented in two phases: developing and piloting of solutions (2021-2024) and deployment and upscaling (as of 2025) of these activities. While the Commission has earmarked almost EUR 350 million from Horizon Europe for the period 2021-2023 to support the first phase, the mobilisation of additional commitments and budgets from public and private actors, including through the ERDF will be crucial for achieving the mission objectives.

O BLUE MISSION BANOS

EU Mission Funds via Horizon

Protect and restore marine and fresh water ecosystems and biodiversity

Prevent and eliminate pollution of our ocean, seas and waters

Sustainable, carbon-neutral and circular Blue e conomy

Danube river basin lighthouse coordination activities – CSA, 3 M€

Atlantic / Arctic basins lighthouse coordination CSA, 3 M€

Med lighthouse coordination activities CSA, 3 M€ Baltic / North Sea lighthouse coordination a ctivities CSA, 3 M€

Parks
IA: 2 projects
each 8,5 M€

LH Restoration of 25000 km free flowing rivers; reduction of artificial river flow barriers in Danube, increased population of fish/shellfish/etc. in Danube; protection of local communities from extreme events (flood, drought, storms)

IA; 2 projects each 8,5 M€ - 6 demos

LH: Implement blueprints to make communities climate-proof & weather resilient // innovations for marine, coastal, river restoration / sustainable propositions for local stakeholders IA; 2 projects each 8,5 M€ - 6 demos

LH: Upstream prevention of litter by design; substitutes or less polluting materials; circular design of fishing gear; solutions for tracking loss of containers & fishing gear; efficient waste collection IA; 2 projects each 8,5 M€-6 demos

LH: Mussel & Seaweed marine a quaculture within OWFs and IMTA IA; 2 projects each 8,5 M€/ 9 demos

05-01 Underlying models for the European Digital Twin Ocean IA, 7 M€ // 05-02 The relation of young generations with the sea and water: values, expectations, and engagement RIA, 1 M€// 05-03 Piloting citizen science in marine and freshwater domains CSA, 1 M€

EU Public Infrastructure for the European Digital Twin Ocean (integrates CMEMS & EMODnet) - 3 M€: MOI & VLIZ / Europeanisation of Plastic Pirates Citizen Science Initiative 2 M€: DLR - Q1 2022 -

European Blue Parks IA: 2 projects each 8,5 M€ LH: Protection and restoration of wetlands, flood plains, coastal wetlands and salt marshes and their biodiversity IA; 2 projects each 8,5 M€ - 6 demos

No Call 2 Atlantic / Arctic LH

LH: Upstream prevention / substitutes for prevalent chemical pollutants

IA; 2 projects each 8,5 M€ - 6 demos

LH Bringing Algae based products to the market: food, feed, waste, materials, textiles, pharma 2 projects each 8,5 M€/9 demos

ALL EU: Innovative solutions for waste-free European rivers | A; 1 project for 10 M€ - 3 demos // Smart and low environmental impact fishing gear | A; 1 project for 10 M€ - 3 demos

Integration of biodiversity monitoring data into the Digital Twin Ocean IA, 10 M€ // 05-02 Student / school activities on 'blue' education CSA, 3 M€

05-03 European e-DNA library of marine and freshwater species CSA, 2 M€ Towards local community-driven business models: regenerative ocean farming CSA, 3*1ME

European Blue Parks IA: 2 projects each 8,5 M€ LH: Protection and restoration of wetlands, flood plains, coastal wetlands and salt marshes and their biodiversity IA; 2 projects each 8,5 M€ - 6 demos

LH: Innovations to counteract marine biodiversity loss (shipping, fishery, invasive species, nursery habitats); economic sustainable propositions for local stakeholders (fishermen)

IA; 2 projects each 7,5 M€ - 6 demos

Joint call wit Mission Soil: Joint
demonstration of a pproaches and solutions
to address nutrient pollution in the
landscape-river-sea system in the
Mediterranean sea basin
IA; 2 projects each 8M€ - 6 demos

LH: Green & energy-efficient smallscale fishing fleets: reduced fuel consumption & emissions IA; 3 projects each 4 M€/9 demos

<u>EU wide</u>: protection and restoration of natural lake e cosystems and their biodiversity IA; 3 projects each 5 M€ - 9 demos // Joint Call with Climate and Soil Missions - Joint demonstration of an integrated approach to increasing landscape water retention capacity at regional scale IA; 1 project 15 M€ - 3 demos

Nature-inclusive concept design & practices for offshore renewables RIA, 4,5 M€ / <u>01-07</u> Analysis of obstades & opportunities for repurposing aged/unused offshore infrastructures RIA, 1,4 M€

<u>01-08</u> Integration of socio-ecologic models into Digital Twin Ocean RIA, 3*3,3 M€ / Roadmap towards integration of inland waters into Digital Twin Ocean CSA, 2M€ /

Choose your fish: a campaign for responsible consumption of products from the sea CSA, 2M€ / Ocean, water and arts: Contribution of creative sectors to Mission Ocean CSA, 2M€

Call 3: Jan 24 – Dec 26

Mar 23 − Feb 27: Tender - Mission Implementation support platform 5 M€

O BLUE MISSION BANOS

	N° Projects	N° Demos	Start	End	EU Wide	BANOS	MED	ATLAN-ARC	DANUBE	Total
Call 0										
Prep4Blue	1	0	Jun 22	May 25	5,0 €					5,0€
Call 1										
CSAs	1	0	Jan 23	Dec 25		3,0 €	3,0 €	3,0 €	3,0 €	12,0 €
LHs	8	27	Jan 23	Dec 26		17,0 €	17,0 €	17,0 €	17,0 €	68,0 €
Blue Parks	2	0	Jan 23	Dec 25	17,0 €					17,0 €
Digital Twin	1	0	Jan 23	Dec 26	7,0€					7,0 €
Digital Twin Public Infrastructure	1	0	Jan 23	Dec 25	3,0 €					3,0 €
Young Generation	1	0	Jan 23	Dec 25	1,0 €					1,0 €
Citizen Science	1	0	Jan 23	Dec 25	1,0€					1,0 €
Citizen Science Plastic Pirates	1	0	Jan 23	Dec 25	2,0€					2,0 €
SubTotal Call 1	16	27			31,0€	20,0 €	20,0 €	20,0 €	20,0 €	111,0 €
Call 2										
LHs	6	21	Jun 23	Jun 26		17,0 €	17,0 €		17,0 €	51,0€
Blue Parks	2	0	Jun 23	Jun 26	17,0€					17,0 €
Waste Free Rivers	1	5	Jun 23	Jun 26	10,0 €					10,0 €
Smart Fishing Gear	1	3	Jun 23	Jun 26	10,0 €					10,0 €
Digital Twin Monitoring	1		Jun 23	Jun 26	10,0 €					10,0 €
Blue Education	1		Jun 23	Jun 26	3,0€					3,0 €
e-DNA species	1		Jun 23	Jun 26	2,0€					2,0€
Community regenerative farming	3	0	Jun 23	Jun 26	3,0€					3,0 €
SubTotal Call 2	16	29			55,0€	17,0€	17,0€	0,0€	17,0 €	106,0 €
Call 3										
LHs	9	27	Jan 24	Dec 26		12,0 €	16,0€	15,0 €	17,0 €	60,0 €
Protect Natural Lakes	3	9	Jan 24	Dec 26	15,0 €					15,0 €
Blue Parks	2	0	Jan 24	Dec 26	17,0€					17,0 €
Design OWF	1		Jan 24	Dec 26	4,5 €					4,5 €
Repurpose offshore infrastructure	1		Jan 24	Dec 26	1,4 €					1,4 €
Digital Twin Socio-ecologic models	3		Jan 24	Dec 26	10,0 €					10,0 €
Digital Twin Inland Waters	1		Jan 24	Dec 26	2,0€					2,0 €
Consumer Fish Campaign	1		Jan 24	Dec 26	2,0 €					2,0 €
Ocean & Arts	1		Jan 24	Dec 26	2,0 €					2,0 €
SubTotal Call 3	22	36			53,9 €	12,0 €	16,0 €	15,0 €	17,0 €	, 113,9 €
			s expressed are			Í	Í		Í	
Totals	55	92	Jan 23	Dec 26	144,9 €	49,0 €	53,0 €	35,0 €	54,0 €	335,9 €

Page | 7



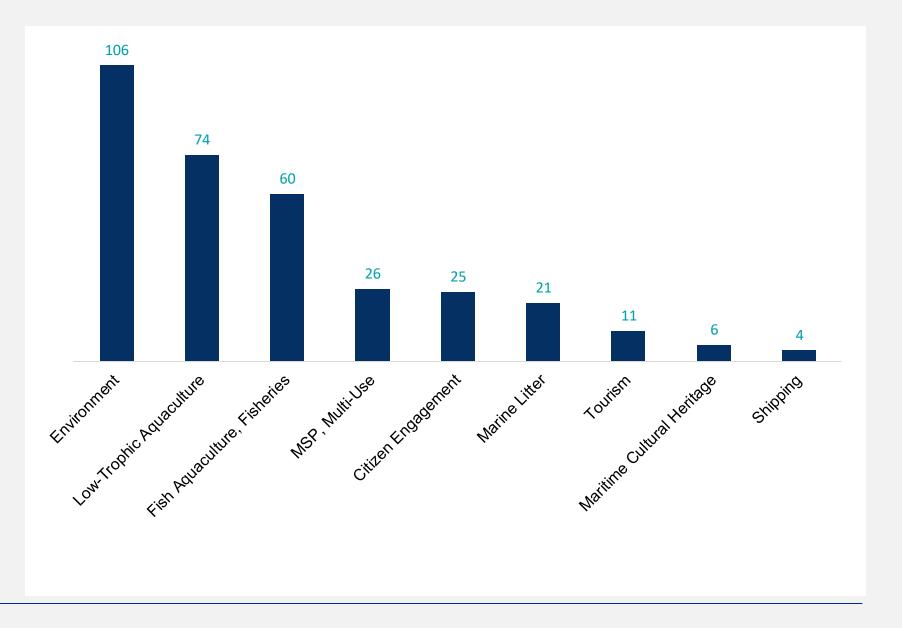
Results from EU Project Analysis on Mission relevant activities





200 Projects Overall

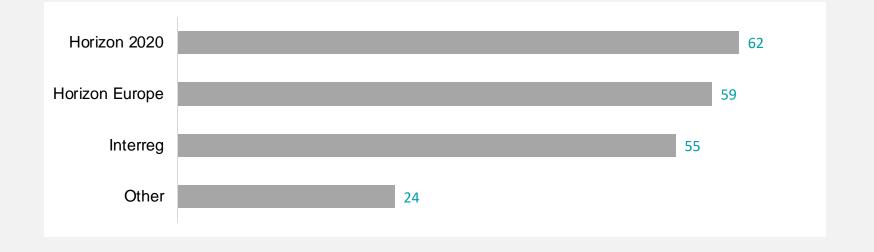
112 Projects Ongoing

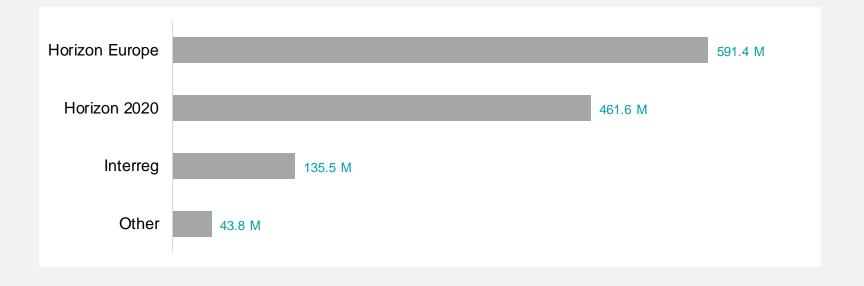




1.2 Billion EUR Overall

937 Million EUR currently in Use

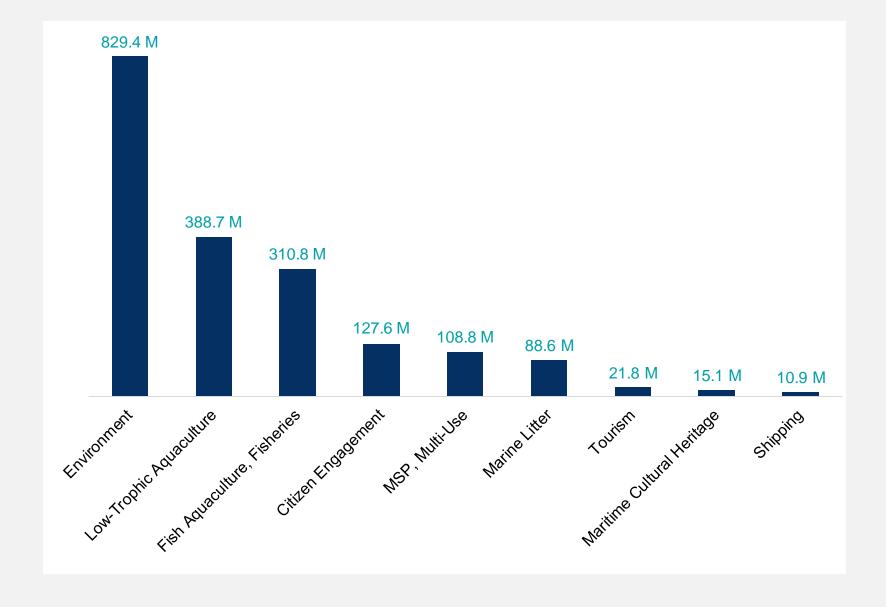




O BLUE MISSION BANOS

1.2 Billion EUR Overall

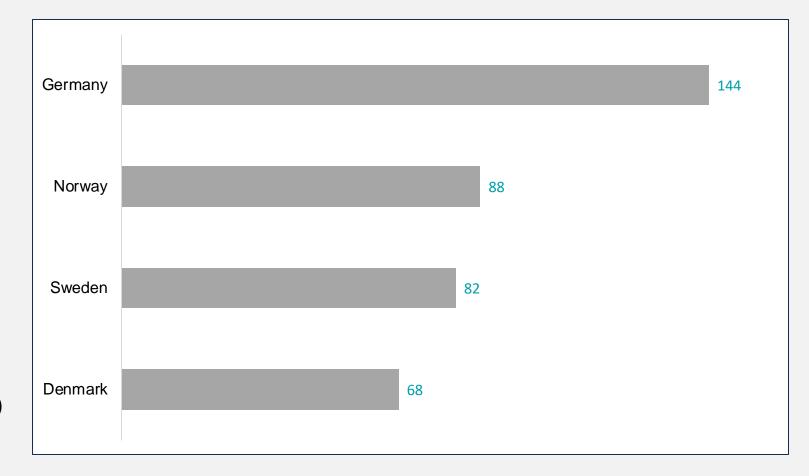
937 Million EUR currently in Use

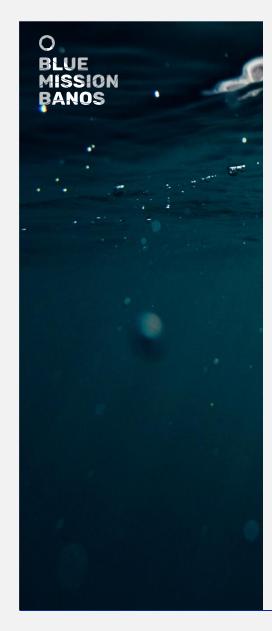




382 Actors Overall in 200 Projects

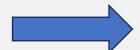
- Technical University of Denmark (Denmark)
- Aalborg University (Denmark)
- Aarhus University (Denmark)
- SUBMARINER Network for Blue Growth (Germany)
- Alfred Wegener Institute (Germany)
- GEOMAR (Germany)
- SINTEF (Norway)
- Nofima (Norway)
- Norwegian Institute for Water Research (Norway)
- Royal Institute of Technology (Sweden)
- Swedish Agency for Marine and Water Management (Sweden)
- Swedish University of Agricultural Sciences (Sweden)





BUT actually much more

- Other EU Funds
- National Projects
- Regional Actions / Initiatives
- Private Actions / Initiatives



Trying to combine / connect / provide 'focus' Use existing funds in a more intelligent way Prepare for the DEPLOYMENT phase ...

Much more 'real' funding needed



Ideas / Concepts to create more synergies*

- 2022/C421/03 Commission Notice on Synergies between Horizon Europe and ERDF Funding
- European Court of Auditors: Synergies between Horizon 2020 and ESIF / Special Report 2022

Figure 1 – Types of synergies



Sequential funding upstreamed:

using ESI Funds to fund actions that build R&I capacities needed to compete in H2020 (i.e. to participate in H2020 projects) and participate in international networks



Sequential funding downstreamed:

using ESI Funds to fund actions that capitalise on already implemented H2020 projects and exploit and diffuse their R&I results



Alternative funding (Seal of Excellence):

providing ESI Funds to
project proposals which had
received a Seal of Excellence
(SoE), i.e. they were positively
evaluated under H2020 and
ranked above a predefined
quality threshold but were
not funded by H2020 due to
insufficient budgetary
resources



Complementary funding:

bringing together funding from H2020 and ESI Funds in the same project

- Cumulative Funding
- Combined Funding



Source: ECA.



ERDF

Horizon

ERDF

Development

Competitive science base

Infrastructures and management capacities,

Interaction between innovation actors,

Smart Specialisation and governance

Research and Innovation

Competition for scientific excellence

Missions

Partnerships

Mobility

Uptake and deployment

Analysis of Horizon results

Use of horizon results towards marketable products and services

Integration into value chains

Innovation push for less developed regions



Some recommendations

1) Improve cooperation between bodies involved in ESIF management and framework programmes

- set up regular structured dialogue between relevant bodies from Commission and Member States at policy level (research and cohesion policy) and at implementation level (Horizon / ERDF);
- work with Member States to foster such cooperation on a national/regional level.

2) Exploit the potential of data to foster synergies

 use databases for the framework programme and cohesion funds to map policy or thematic domains to allow easier matchmaking between projects and beneficiaries;

3) Increase the use of downstream synergies

- support MAs in designing / implementing actions to create downstream synergies with Horizon projects;
- promote public procurement based on results of research projects among national / regional authorities;
- promote among Horizon beneficiaries the ERDF's potential for deployment / commercialization of project results

4) Improve information flow about projects that have received the Seal of Excellence

 The Commission should regularly provide all managing authorities with data on project proposals that have received the Seal of Excellence in their Member State or region.









Who we are

Charitable organization with a home base in Germany.

Established in 2014 as the result of a court settlement with the Nord Stream AG

Purpose: Conservation projects and measures in the entire Baltic Sea Region



What we do

Mainly project funding, also land purchases and looking into starting some operational projects.

Focus on projects with a **concrete benefit for the Baltic Sea ecosystem**,

e.g. Not research or lobbying focus.

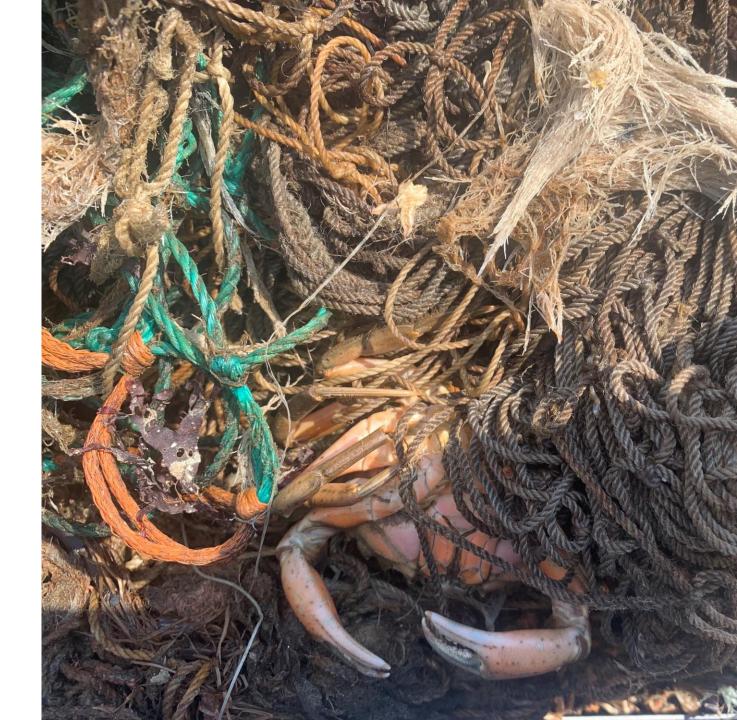




What we fund

We support nature conservation and environmental protection projects in countries bordering with the Baltic Sea which fulfill at least one of the objectives outlined in our funding guidelines.





What we fund

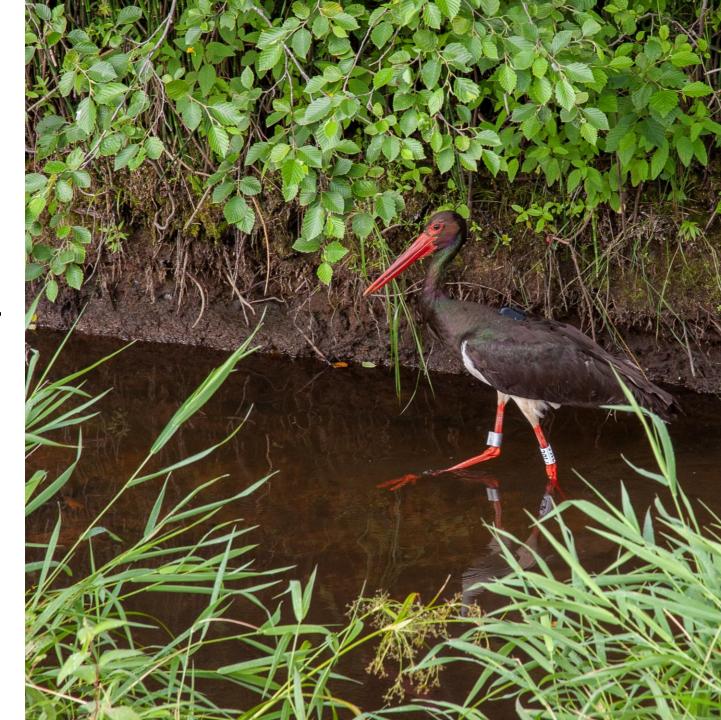
Improve the ecological stability and/or the regenerative capacity of the marine environment;

Contribute to the **reduction and/or degradation of pollutants** or depositions leading to eutrophication;

Help to **secure and/or improve habitats** for rare and/or protected species and support biodiversity;

Help to secure, expand, or develop marine protected areas;







Plan and expectations



Part one: What do we do and what do we want to do?

End: Where do we start? What do we pick up?









NGOs and funders

- an interesting relationship

With support from





















<u>Disclaimer</u>: content of this presentation is the sole responsibility of CCB and can under no circumstances be regarded as reflecting the position of funders







































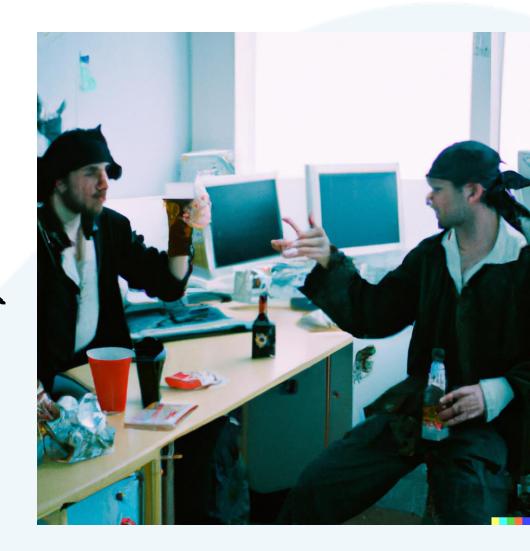




"Take what ye can, give nothin' back"..

"Not all treasure is silver or gold mate"

-Jack Sparrow



Example issues

- Type of funding "the fit" and co-funding
- Its not all about the process of applying, rather about timelines
- Limited space for "boring old" topics
- Lock in our out "key beneficiaries"



What we feel we need more of

- Understanding of time ToC and results in 10 years
- Core grants any "field work"
 needs to be maintained
- Projects/funding that allows subgranting
- Acceptance that funding means people, as in staff



Some ideas to discuss

- Coordination and joint applications between funders
- Package calls from the start
- Continuation funding or "driving the point home funding"
- Contingency i.e. emergency funding

We need a relationship – we know not all treasure is silver or gold



CHALMERS INDUSTRITEKNIK

Our mission

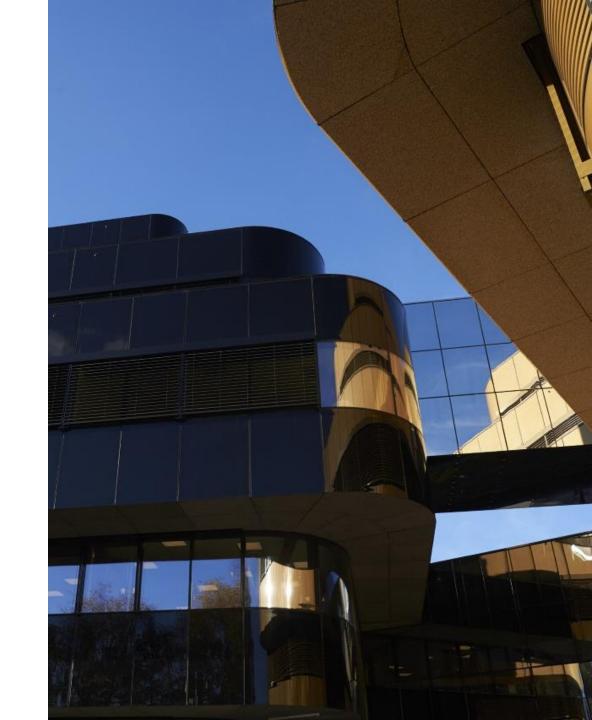
We are a research and development organization with a focus on innovation for a sustainable society. Our purpose is to strengthen Swedish innovation capacity and utilize research. Here, new knowledge and technology is generated that is made available and transferred to society and business in direct collaborations with the need owners within academia, authorities and companies.

Vi gör morgondagen redo för framtiden.



Facts about us

- Foundation with a subsidiary.
- Founded 1984.
- 100 employees, half with a doctorate.
- Annual turnover: SEK 140 million.
- Equal number of women and men.







Applied AI, Circular Economy, Energy, Materials and Chemistry as well as innovation- and Project Management.

Vi gör morgondagen redo för framtiden.

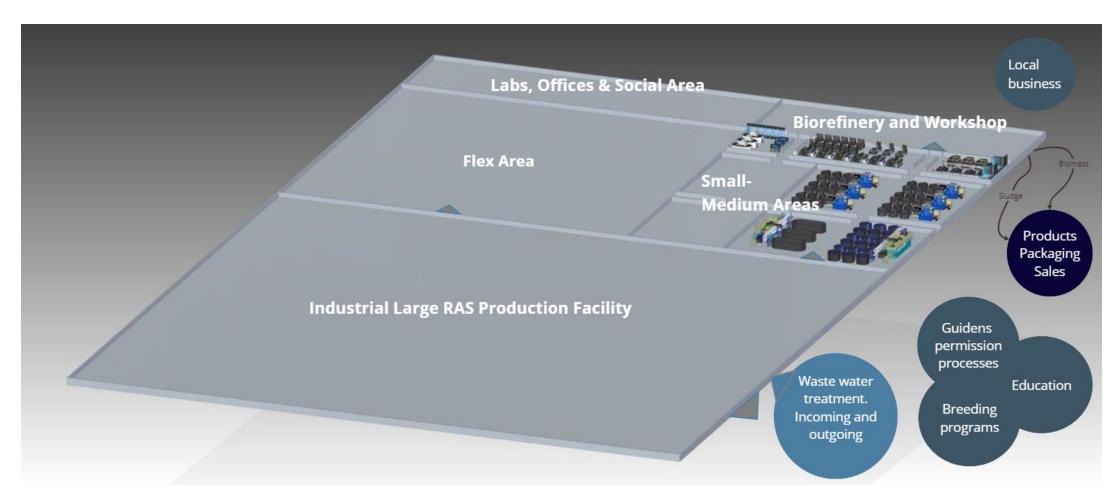


Two examples

- Test bed for large scale land-based aquaculture
- Flagship sustainable fishing gears

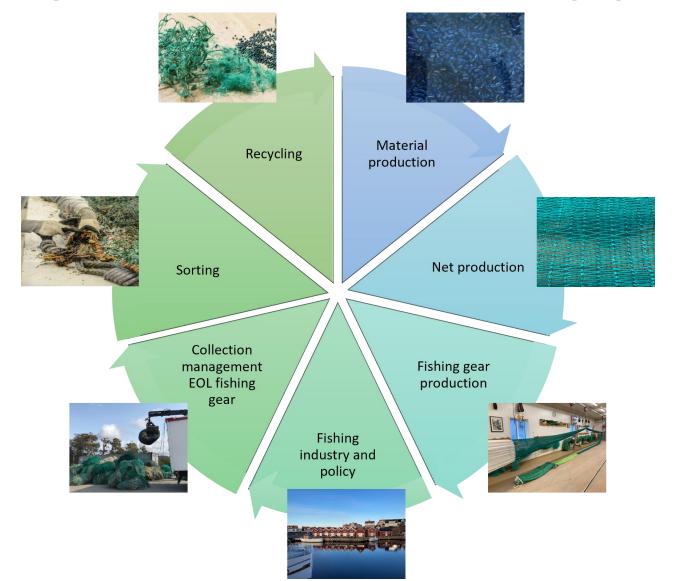


Test bed for large scale land-based aquaculture





Flagship sustainable fishing gears



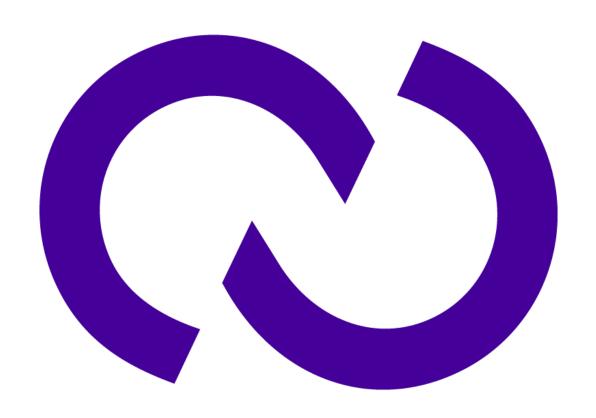
Contact

Peter Carlsson

Peter.carlsson@chalmersindustriteknik.se

chalmersindustriteknik.se







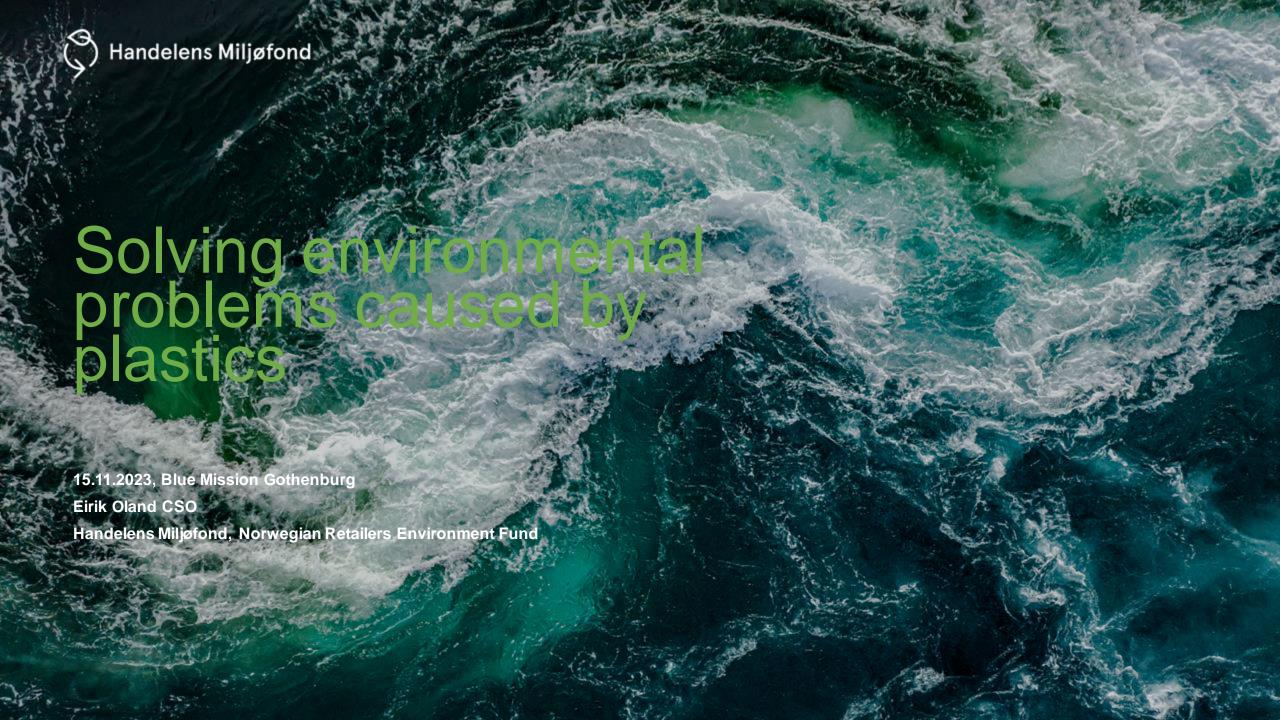
Eirik Oland, Handelens miljøfond











What we do:







Results



More than 7 000 tons of plastic waste has been removed
More than 18 000 km is cleared of plastic waste

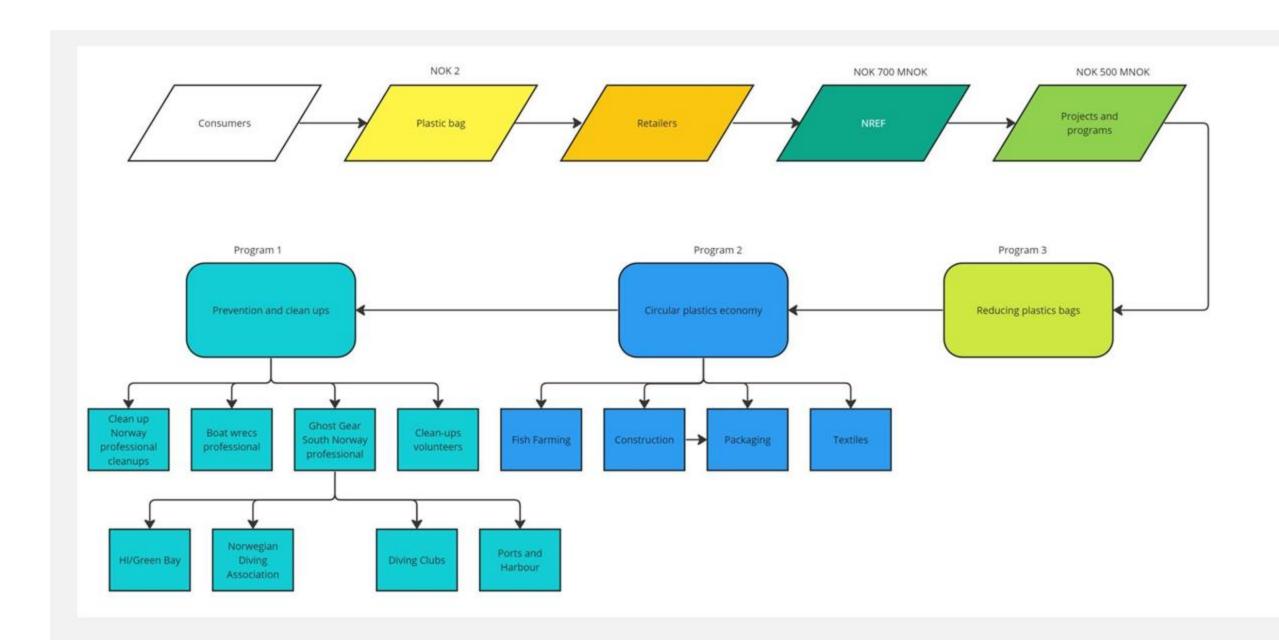




More than 12 000 tons of recycled plastics has replaced virgin material Plastic bag consumption is reduced by 30 % 2016-2022



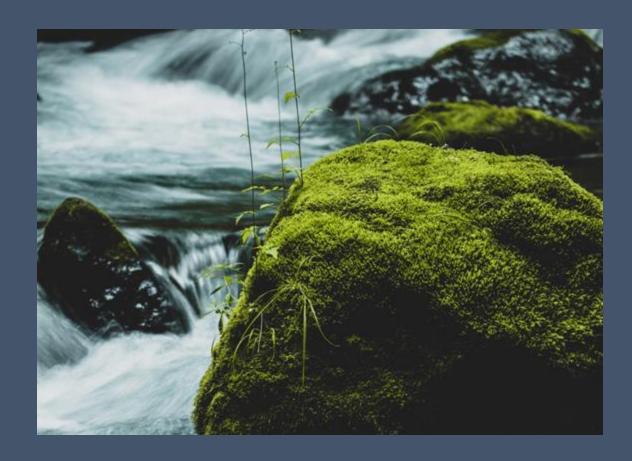








Thank you!

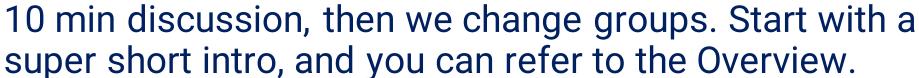


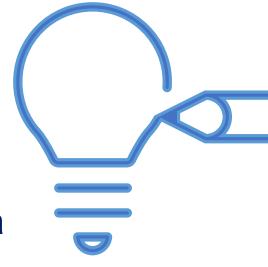
Eirik Oland

airik@handalansmiliofond no

Brainstorming

Groups of ca 3 people, for 3 rounds.





Please put at least one idea or reflection per person and round in the Menti during the discussions, or on post its.

The outcomes from this will be the base for the next session.



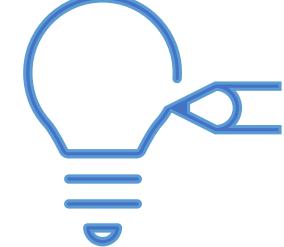






Brainstorming

We focus on brainstorming "What do we do and what do we want to do"?



As a help, you have the Overview and some guiding questions on the table to start the discussion.

THINK BIG! What would a dream development or project be for you? Who would you love to work with?

THINK CONCRETE! How do we work, do we have specific issues we've encountered?









Round 1

Angela Schultz-Zehden	1	Eva Rantama	1	Nils Höglund	1
Careen Krüger	2	Floor Ten Hoopen	3	Peter Carlsson	4
Charlotte Steffen	5	Frederick Bruce	2	Peter Wiwen-Nilsson	4
Claudia Pecoraro	5	Frode Dal Fjeldavli	2	Sarah Holsen	4
Dennis Hamro-Drotz	5	Julie Oliver	3	Sophie Wachtmeister	2
Dziyana Katselkina	3	Louise Biddle	6	Thomas Nilsson	6
Eirik Oland	3	Louise Valentin	1	Vineta Goba	5
Emil Gejrot	4	Martin Letz	6	Magdalena Glogowska	6









Round 2

Angela Schultz-Zehden	3	Eva Rantama	1	Nils Höglund	4
Careen Krüger	2	Floor Ten Hoopen	3	Peter Carlsson	2
Charlotte Steffen	1	Frederick Bruce	2	Peter Wiwen-Nilsson	1
Claudia Pecoraro	5	Frode Dal Fjeldavli	3	Sarah Holsen	3
Dennis Hamro-Drotz	5	Julie Oliver	5	Sophie Wachtmeister	2
Dziyana Katselkina	6	Louise Biddle	5	Thomas Nilsson	6
Eirik Oland	4	Louise Valentin	6	Vineta Goba	4
Emil Gejrot	1	Martin Letz	4	Magdalena Glogowska	6









Round 3

Angela Schultz-Zehden	6	Eva Rantama	5	Nils Höglund	3
Careen Krüger	1	Floor Ten Hoopen	4	Peter Carlsson	4
Charlotte Steffen	3	Frederick Bruce	5	Peter Wiwen-Nilsson	2
Claudia Pecoraro	6	Frode Dal Fjeldavli	1	Sarah Holsen	2
Dennis Hamro-Drotz	1	Julie Oliver	2	Sophie Wachtmeister	5
Dziyana Katselkina	4	Louise Biddle	2	Thomas Nilsson	6
Eirik Oland	1	Louise Valentin	4	Vineta Goba	5
Emil Gejrot	3	Martin Letz	3	Magdalena Glogowska	6











Agenda

9:00 Opening

Angela, Submariner and Maya Miltell, BaltCF, including a speed presentation round

9:20 Presentations

- Nils Höglund, CCB
- Olga Sarna, Fundacja Mare
- Eirik Oland, Handelens miljøfond

9:45 Small group brainstorming (3*10min in smaller group)



10:45 Big group discussion

- Overview of last session
- Do we have any ideas that would solve identified problems?
- Prioritisation

11:45 Wrap-up









Overview











