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Enhetschef

Race for the Baltic, Uppdrag till samhällsbyggnadsavdelningen

Förslag till beslut

Samhällsbyggnadsavdelningen föreslår tekniska nämnden besluta att:

1. Överlämna ärendet till kommunstyrelsen och hemställa att kommunstyrelsen beslutar om Värmdö kommuns vidare delaktighet i projektet för Race for the Baltic och att medel också tilldelas för projektet 2018.
2. Uppdra till samhällsbyggnadsavdelningen arbeta vidare med uppdraget Race for the Baltic under 2017.
3. Uppdra till samhällsbyggnadsavdelningen att resurssätta arbetet under 2017 inom tilldelad ram.

Ärendet

Beslut har tagits i kommunstyrelsen (2016KS/0160) om att Värmdö Kommun ska medverka i projektet Race for the Baltic och 50 timmar avsattes. De 50 timmarna har förbrukats i uppstartsfasen av projektet. Ska vi satsa vidare måste projektet resurssättas, till en uppskattad kostnad om ca 600 tkr per år.

Syftet

Race for the Baltic:

- syfte att återställa Östersjön
- målet att öka hållbar tillväxt och på så sätt skapa en attraktiv region för medborgare och näringsliv
- genom att i samverkansform bidra och ta del av andras kunskap och resurser i projekt som räddar Östersjön.

Värdet för Värmdö kommun

Följande vinster kan komma av projektet om vi väljer att satsa, och satsa rätt:

- Kommunen får hjälp i att starta upp en hantering av fosfor som ett avfall/produkt.
- Enskilda fastighetsägare med eget avlopp kan få hjälp att se över gemensamma lösningar och på så sätt skapa projekt som inte kräver myndighetsbevakning i samma utsträckning vid själva anläggandet.

- Enskilda fastighetsägare med eget avlopp kan få ta del av nytänkande kring lösningar för rening av avloppsvatten som kan underlätta tillståndsgivning vid nytt avlopp.
- Projekt som initieras involverar det lokala näringslivet och är en direktinjektion till främst små företag i kommunen.
- Kommunen gör direkta insatser kopplade till Vision 2030.
- En god reklam för Värmdö som är positiv för turismen.
- En god reklam för Värmdö som ska synas i media.

Vad satsar Värmdö kommun?

Vi resurssätter projektet; timmar och kunskap.

Bakgrund

Race for the Baltic (RFTB) är ett internationellt program med syfte att återställa Östersjön. Tanken är att sammanföra kommuner, företag och entreprenörer med förslag på lösningar, finansiella institutioner och forskare som ska bidra med kunskap och gemensamt arbeta med att utveckla exempel på hur vi kan återställa Östersjön. Målet med programmet är att öka hållbara ekonomiska utvecklingsmöjligheter och på så sätt skapa en attraktiv region för medborgare och näringsliv.

Grundaren till RFTB, Niklas Zennström, menar att eftersom Östersjön snart är död på riktigt agerar vi aktivt varje dag genom att vara passiva och inte bry oss. Han har räknat på att det utöver miljövinsten även finns en stor ekonomisk vinst i att rädda Östersjön.

I januari 2016 tecknades en överenskommelse mellan Värmdö kommun och Race for the Baltic. Återrapportering skulle ske till kommunstyrelsen.

Vid överenskommelsen åtog sig Värmdö att delta i programmets första fas som innebar att:

- ta fram och vidareutveckla en kommunal vision med åtgärder för Östersjön
- påbörja arbetet med en åtgärdsplan,
- dela sina erfarenheter med kommuner och andra aktörer samt bidra till en kommunal färdplan,
- att delta i tre workshops, fyra webinarier, expertmöten och månatliga telefonsamtal samt en gemensam film,
- att uppmuntra andra kommuner och allmänheten att vidta åtgärder för att förbättra Östersjön genom media och evenemang.

Värmdö kommun har i samband med att avtal tecknades angivit följande områden som förslag till arbete inom programmet.

- småskaliga VA-lösningar,
- innovativa lösningar för tömning av latrin för fritidsbåtar,
- minska spillvatten och ta hand om restavfallet för återanvändning,
- miljö- och marin forskning/högskolestudier med internationellt engagemang.

En förtroendevald (Ina Ununger) och en tjänsteman (Lars Öberg) utsågs som representant i Race for the Baltic. Förvaltningens arbete inom programmet planerades ske inom ramen för ordinarie verksamhet och den första fasen uppskattades till 50 timmar. Timmarna skulle läggas på förberedelse, deltagande

och uppföljning i tre workshops, fyra webbseminarier, expertmöten och månatliga telefonsamtal.

Niklas Zennström önskar att åtminstone två projekt är pilotsatta innan april 2017. Helst två projekt som går att dela och att skala upp. RFTB kan hjälpa oss fysiskt med exempelvis kontakter, lokaler, arrangemang. De driver inget eget arbete.

Grannkommunen Vaxholm är en av de medverkande kommunerna.

Arbetet hittills

Tjänstemän och politiker har gemensamt med representanter från RFTB deltagit i telefonmöten och möten för att ta fram Värmdö kommuns utmaningar och förslag på åtgärder. Bland annat har Lars Öberg (SOT), Carina Molin (SBA) och Jelinka Hall (BMA) deltagit i webbseminarier, telefonkonferenser, möten och månatliga telefonsamtal med RFTB för att identifiera problemområden och ta fram förslag på projekt som skulle kunna ingå i programmet.

Vid RFTB's Innovation lab i april och november 2016 deltog ett flertal aktörer från olika länder kring Östersjön (exempelvis inom områdena teknik, finans, myndigheter, kommuner). Alla samlade för att jobba mot samma mål. Värmdö kommun har representerats av Ina Ununger (C) vid båda tillfällena och Marie Sundbom (BMA) vid novemberträffen. En av dagarna i november fokuserades till stor del på de utmaningar som Värmdö kommun har inklusive rundabordssamtal med ett frivilligt engagemang om hur Värmdö kan få hjälp att komma vidare.

Exempel på projekt Värmdö kommun kan få hjälp med:

- **Tömning av fosforfällor.**
Fosfor är det mest avgörande näringsämnet vad gäller påverkan på Östersjön. Många av våra små avloppsanläggningar för avloppsvatten är beroende av en fungerande fosforfälla för att inte släppa ut fosfor. Misstanke finns att fosforfällorna inte fungerar p.g.a. att de bl.a. inte töms i tillräcklig utsträckning. Avfallet är ett hushållsavfall och det ska omhändertas av kommunen. Möjligheten till detta finns inte i Värmdö än. Med i projektet finns företag som kan bistå med kunskap kring tömning av fosforfällor samt eventuellt pilotprojekt om hur vi kan utvinna fosfor ur materialet som töms ur fosforfällorna och som sedan går att sälja som en produkt.
- **Bistå med hjälp att hitta gemensamma lösningar i områden dit kommunen inte kommer med kommunalt VA.**
Gemensamma lösningar för att hantera rening av avloppsvatten har visat sig mest kostnadseffektivt och mest miljömässigt motiverat. I de områden där kommunen inte planerar för kommunala VA-ledningar finns det ändå ett önskemål om att Värmdö kommun kan bistå med hjälp i att ändå lyckas lösa avloppet gemensamt. I projektet finns ett flertal aktörer som kan tänka sig jobba med projekt i Värmdö för att underlätta gemensamma lösningar. Blir lösningarna tillräckligt stora kan det finnas möjlighet till finansieringslösningar i programmet.

Samhällsbyggnadsavdelningens bedömning

Ovanstående är två exempel på projekt som kan ingå i arbetet under RFTB-programmet. Utöver det finns möjligheter att koppla på projekt genom att ansöka om t.ex. LOVA- stöd för sådant som kommer som följd av det som initierats, ett exempel skulle kunna vara: hur fungerar våra tillståndsgivna anläggningar, finns det enklare lösningar för fastigheter med enklare standard eller finns det fler testmiljöer att erbjuda?

Utdrag ur Vision Värmdö 2030

"Här möter vi framtiden genom att ligga i framkant för den nödvändiga omställningen till långsiktig hållbarhet.

Vi engagerar oss i Östersjöfrågorna – vattenkvaliteten är en gemensam resurs för alla länder runt Östersjön, liksom havsmiljön allmänt.

Kretsloppsanpassade gemensamma och enskilda anläggningar för vatten och avlopp finns. Moderna miljösmarta lösningar och ett personligt ansvar förbättrar kvaliteten i Östersjön och Mälaren."

Utdrag ur Värmdö kommuns näringslivspolicy

"Värmdös nuvarande och framtida näringsidkare är viktiga för kommunen. Det lokala näringslivet skapar arbetstillfällen i kommunen, vilket bidrar till att fler invånare ges möjlighet att arbeta här. Fler som arbetar på hemmaplan leder bland annat till ett ökat utbud av lokal handel. Kommunens attraktivitet ökar med ett blomstrande näringsliv vilket lockar både nya invånare och företag att flytta till Värmdö."

Vill vi jobba med Vision 2030 och Näringslivspolicyn är Race for the Baltic en utmärkt möjlighet att visa på det. Allt arbete som satsas i programmet resulterar i miljövinster, arbetstillfällen och bra reklam för Värmdö kommun. För att kunna satsa för att vinna krävs det att det tillsätts resurser för projektet.

SAMHÄLLSBYGGNADS- OCH TILLVÄXTSEKTORN

Carina Molin
Avdelningschef

Lars Öberg
Sektorchef

Bilagor:

Kommunstyrelsens beslut 2016-04-13.



Handläggare
Annica Lempke
Kansli- och utredningsavdelningen

Diarienummer
16KS/0160

Kommunstyrelsen

Val till Race for the Baltic

Förslag till beslut

1. En förtroendevald utses som Värmdö kommuns representant i Race for the Baltic
2. En tjänsteman utses som Värmdö kommuns representant i Race for the Baltic

Beslutsnivå

1. Kommunstyrelsen
2. Kommundirektören

Sammanfattning

Representanter föreslås utses för Värmdö kommuns deltagande i projektet Race for the Baltic. Projektet syftar till att förbättra vattenkvaliteten i Östersjön och skapa en attraktiv region för medborgare och näringsliv. I en överenskommelse mellan Värmdö kommun och projektet har fyra åtgärdsområden föreslagits:

- småskaliga VA-lösningar
- innovativa lösningar på land för tömning av latrin från fritidsbåtar
- åtgärder för att minska spillvatten och hantera restavfall för återanvändning
- miljö- och marin forskning/högskolestudier med internationellt engagemang

Bakgrund

Vid sitt sammanträde i mars 2016 återremitterade kommunstyrelsen val till Race for the Baltic för beredning.

Race for the Baltic startades 2013 och syftar till att återställa miljön i Östersjön för att säkra en hållbar utveckling i regionen. Inom programmet Baltic Sea City Accelerator ska offentliga och privata aktörer tillsammans verka för att ta fram innovativa åtgärder för att förbättra Östersjöns vattenkvalitet. Målet med programmet är att skapa nya möjligheter för tillväxt och en attraktiv region för medborgare och näringsliv.

Baltic Sea City Accelerator startade i december 2015 med att deltagande kommuner vid ett möte presenterade förslag, utmaningar och visioner kopplade till miljön i Östersjön. Under det första kvartalet 2016 genomförs webinarier och möten för att, tillsammans med de organisationer som finns knutna till programmet, vidareutveckla de åtgärder som



respektive kommun har föreslagit¹.

Ärendebeskrivning

I januari 2016 tecknades en överenskommelse² mellan Värmdö kommun och Race for the Baltic där Värmdö åtar sig att delta i programmets första fas enligt nedan:

- att ta fram och vidareutveckla en kommunal vision med åtgärder för Östersjön
- att påbörja arbetet med en åtgärdsplan med två till tre aktiviteter som medför ekonomiska/sociala fördelar och som syftar till att reducera näringsämnen i Östersjön
- att under programperioden (februari 2016-april 2017) månatligen dela sina erfarenheter med kommuner och andra aktörer i regionen samt bidra till utvecklingen av en kommunal färdplan som publiceras under första kvartalet år 2017
- att delta i programmets aktiviteter (tre workshops, fyra webinarier, expertmöten och månatliga telefonsamtal) och i en projektgemensam kortfilm
- att uppmuntra andra kommuner samt allmänheten att vidta åtgärder för att förbättra Östersjöns klimat genom att sprida information om kommunens åtgärder via webbsidor, media, nyhetsbrev och evenemang

I överenskommelsen har Värmdö kommun angivit att följande områden övervägs för arbetet inom programmet:

- småskaliga VA-lösningar
- innovativa lösningar på land för tömning av latrin från fritidsbåtar
- åtgärder för att minska spillvatten och hantera restavfall för återanvändning
- miljö- och marin forskning/högskolestudier med internationellt engagemang

Värmdö kommun åtar sig i överenskommelsen att vidareutveckla dessa områden under februari-mars 2016 och att delta i ett så kallat Baltic Sea City Innovation Lab i april. Denna första fas av projektet avslutas i april 2017, då deltagande kommuner ska redovisa de viktigaste framstegen.

Utöver Värmdö kommun deltar ytterligare sex kommuner i programmet, varav tre från Sverige (Vaxholm, Kalmar och Västerviks kommuner)³. Bland de övriga organisationer som deltar i projektet finns bland andra Boston Consulting Group, General Electric och IVL Svenska Miljöinstitutet⁴.

I april 2017 påbörjas projektets andra fas, som har som målsättning att Östersjöregionen ska vara en förebild för ledarskap inom innovativ och hållbar vattenhantering. Till år 2020 är målet att projektet ska ha 100 deltagande kommuner.

Bedömning

Race for the Baltic är ett projekt som syftar till att återställa miljön i Östersjön för att

¹ En fullständig tidplan för projektet finns i bilaga 4 till tjänsteskrivelsen, Welcome package.

² Överenskommelsen finns som bilaga 2 till tjänsteskrivelsen, Commitment Letter.

³ Utöver de svenska kommunerna deltar Mariehamn (Finland), Slupsk (Polen) och Panevezys (Litauen).

⁴ En fullständig förteckning över deltagande organisationer finns i bilaga 5 till tjänsteskrivelsen, Partners.



genom samverkan mellan kommuner, organisationer och näringsliv i regionen säkra en hållbar utveckling. Östersjön är av stor vikt för Värmdö kommun och för medborgare, näringsliv och turism i skärgården. Åtgärder och samverkan som syftar till att förbättra vattenkvaliteten i Östersjön bedöms vara positiva.

Kommunstyrelsen förslår utse en förtroendevald som representant för Värmdö kommun i Race for the Baltic. Kommundirektören föreslår att till programmet utse en tjänsteman, med ansvarsområden som har koppling till de fyra områden som angivits i överenskommelsen.

Ekonomiska konsekvenser

Ersättning till förtroendevald representant utgår enligt bestämmelser om ersättning m.m. till förtroendevalda och politiska sekreterare i Värmdö kommun. Dessa kostnader belastar kommunstyrelsen.

Förvaltningens arbete inom programmet sker inom ramen för ordinarie verksamhet. Uppskattningsvis beräknas en tidsåtgång under programmets första fas, till och med april 2017, om cirka 50 timmar⁵.

Konsekvenser för miljön

Race for the Baltic syftar till att återställa miljön i Östersjön, vilket är viktigt för att möjliggöra en levande skärgård. En förbättrad vattenkvalitet minskar risken för algbloomning och därmed förknippade negativa effekter som dybildning och döda bottnar.

Konsekvenser för medborgarna

God vattenkvalitet och bra kustvatten är positivt för medborgarna och kan utgöra en bidragande orsak till kommunens attraktivitet som bostadsort.

Konsekvenser för barn

God vattenkvalitet har positiva konsekvenser för barn, såväl ur miljö- som hälsoperspektiv.

Handlingar i ärendet

| Nr | Handling | Bilaggs/Bilaggs ej |
|----|---|--------------------|
| 1 | Protokollsutdrag kommunstyrelsen 2016-03-09 § 63 | Bilaggs |
| 2 | Baltic sea city accelerator commitment letter | Bilaggs |
| 3 | Baltic sea city accelerator information package | Bilaggs |
| 4 | Baltic sea city accelerator welcome package | Bilaggs |
| 5 | Baltic sea city accelerator partners | Bilaggs |
| 6 | Race for the Baltic. Partnership leading the way to a clean Baltic sea. | Bilaggs |
| 7 | Rapport Boston Consulting Group: Restoring waters in the Baltic sea region. | Bilaggs ej |

⁵ Tidsåtgången avser uppskattad tid för förberedelse, deltagande och uppföljning i tre workshops, fyra webinarier, expertmöten och månatliga telefonsamtal.

| Nr | Handling | Bilaggs/Bilaggs ej |
|----|--|--------------------|
| 8 | Rapport Boston Consulting Group: Restoring waters in the Baltic sea region. Sammanfattning på svenska. | Bilaggs ej |

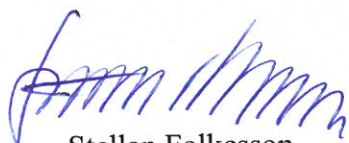
Sändlista för beslutsexpediering

Race for the Baltic

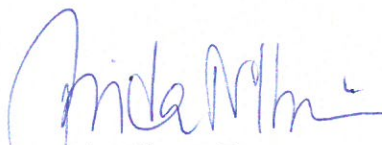
Bygg-, miljö- och hälsoskyddsnämnden

Sektorn för administration, ledning och service

Sektorn för samhällsbyggnad och tillväxt



Stellan Folkesson
Kommundirektör



Frida Nilsson Ragnarsson
Sektorschef administration

Dnr

Kommunstyrelsen 2016-03-09 § 63

Val till referensgrupp för Race of the Baltic

Kommunstyrelsens beslut

Ärendet återremitteras för beredning.

Beslutsnivå

Kommunstyrelsen

Ärendebeskrivning

Kommunen förväntas utse en förtroendevald till referensgrupp för projektet för Race of the Baltic.

Yrkanden

Mikael Lindström (S), Filip Joelsson (MP) och Monica Pettersson (M) yrkar att ärendet återremitteras för beredning.

Beslutsgång

Ordföranden frågar om återremissyrkandet bifalles och finner att det bifalles.

Sändlista

SALS



Working Together to Save the Baltic Sea and Secure a Prosperous Future

25 January 2016
Baltic Sea City Accelerator Commitment Letter

'The Baltic Sea City Accelerator is a platform for public and private actors to explore and co-create innovative approaches to local water challenges, and meet sustainability objectives. Together, we aim to develop new opportunities for growth and create attractive communities for citizens and businesses.'

We, the municipality of Värmdö kommun declare our support and participation in the Baltic Sea City Accelerator programme, an initiative of Zennström Philanthropies/Race For The Baltic. We declare that we want to be a Baltic Sea City Pioneer/pilot site and will follow the main principles of the programme according to the programme documents received on December 18th 2015.

We declare that our municipality is **dedicated** to do our part to improve the Baltic Sea environment, and as pioneers of the Baltic Sea City Accelerator programme we are dedicated to creating a successful programme model that can be scaled up in the future to include more of the region's municipalities.

We have the **ambition** to create a political vision and action plan for our municipality through the Accelerator programme period (February 2015-April 2017). This work will focus on improving the Baltic Sea environment while increasing prosperity in our community.

We are **committed** to sharing our learnings and experiences with the international community in order to help catalyze a more robust collective effort in the Baltic Sea Region for clean and healthy waters.

As a Pioneer of the Baltic Sea City Accelerator programme, we will have access to the Accelerator international network, connect with peers to learn and share best practices, discuss potential projects with funders and be recognized for doing our part in contributing to a healthy Baltic Sea.

Concretely:

- ✓ We will work to create or further develop a municipal vision for Baltic Sea action
- ✓ We will begin work on an action plan that includes 2-3 initiatives or activities that demonstrate our efforts in reducing nutrients and capturing economic/social benefits
- ✓ We commit to sharing our experiences and insights with municipalities and other actors throughout the region on a monthly basis during the programme period (Feb 2016-April 2017), and we will contribute to the development of a municipal innovation agenda/road-map, to be published in Quarter 1 2017.
- ✓ We will participate in Accelerator activities (3 workshops, 4 webinars, expert meetings, and monthly phone calls) and would like to create a short film to be shared with other cities (in cooperation with Race For the Baltic)
- ✓ When possible we will work to encourage other municipalities and the public to make commitments to improve the Baltic Sea environment through sharing our progress via websites, media, newsletters, high-level events

Currently, we are considering the following action/project/initiative:

Småskaliga VA-lösningar
Inovativa lösningar på land för tömning av latrin för fritidsbåtar
Hur minska spillvatten och ta hand om restavfall så det kan återanvändas
Miljö- och marin forskning/högskolestudier med internationellt engagemang

We will develop this vision, idea, and activities further in February and March 2016 and attend the Baltic Sea City Innovation Lab in the spring of 2016 (preliminary dates April 20-21)

This decision has been approved by the highest political authority and we will participate to the best of our ability. We will assign one main person to be the contact person for the City Accelerator programme.

Place

Värmdö Kommun Sverige

Date

25 January 2016

Signature Monica Pettersson

Kommunstyrelsens ordförande
Titel

Niklas Zennström
Founder, Race For The Baltic

Barbara Jackson
Director, Race For The Baltic



**COME AND
TAKE PART
DECEMBER 9–10TH
IN STOCKHOLM**



Baltic Sea City Accelerator
Information Package

WORKING TOGETHER TO SAVE THE BALTIC SEA AND SECURE A PROSPEROUS FUTURE

HAVE A LOOK INSIDE!

| | |
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THE BALTIC SEA CITY ACCELERATOR

SUSTAINABLE WATER MANAGEMENT – MOVING FROM CHALLENGE TO OPPORTUNITY

The Baltic Sea City Accelerator is a platform for public and private actors to explore and co-create innovative approaches to local water and wastewater management challenges, and meet sustainability objectives. Together, we aim to develop new opportunities for growth and create attractive communities for citizens and businesses.

During 2016–2017, a select group of municipalities from the Baltic Sea region will join forces with a broad range of international experts to co-develop cost-effective, smart and innovative solutions for local water and wastewater management challenges.

Collectively, these efforts will improve local waters and increase competitiveness, and will contribute to an improved state of the Baltic Sea, securing future prosperity in this region.

BRING YOUR IDEAS AND CHALLENGES

CONNECT

Connect with peers and global experts and review your cases, gain insight and develop strategic partnerships

DEVELOP NEW OPPORTUNITIES AND SOLUTIONS

ACCELERATE

Co-develop and design cost-effective, smart and innovative solutions and gain insight on financing models

PUT IT TO WORK IN YOUR MUNICIPALITY

ADOPT

Adopt new solutions, policies, and more efficient processes in your municipality

SHOW THE WORLD!

SHOWCASE

Share your efforts with local residents and the world in order to catalyze further action and put your community on the map as pioneers

Join the
Kick-Off
December
9–10th

[raceforthebaltic.com/
accelerator](http://raceforthebaltic.com/accelerator)



CONNECTING THE REGION



**1500+ MUNICIPALITIES
FOR A SUSTAINABLE
BALTIC SEA**

**BRINGING PEOPLE
AND COUNTRIES
TOGETHER**

TRANSFORMING CHALLENGES INTO OPPORTUNITIES

“WHAT IF WE CHANGED OUR FOCUS, AND INSTEAD TURNED THE NUTRIENT CHALLENGE INTO A REAL OPPORTUNITY FOR A SUSTAINABLE BLUE ECONOMY?”

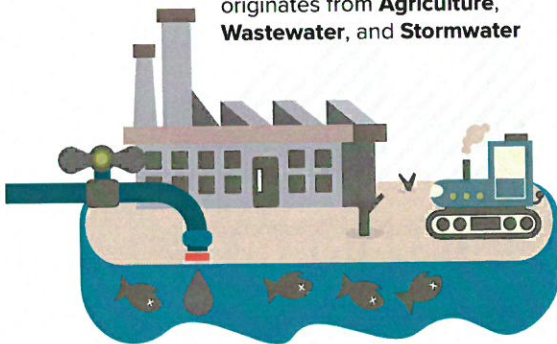
THE BALTIC SEA IS AT A CRITICAL JUNCTURE

Nutrient pollution is one of the greatest threats to the health of the Baltic Sea, its coastal areas and inland waters. Excess nutrient run-off negatively affects the region's water quality and biodiversity, and also threatens local industries, such as tourism. Polluted waters affect human health and welfare through poor quality of drinking water, bathing water and toxic algal blooms.

Today, however, municipalities see the economic benefits of strategically addressing nutrient pollution. They are striving to recover nutrients and become energy neutral through technologies such as those used in modern wastewater facilities.

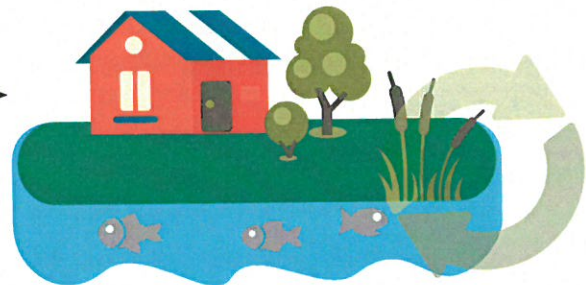
THE NUTRIENT CHALLENGE:

Approximately 90 percent of waterborne nutrient discharge originates from **Agriculture, Wastewater, and Stormwater**



THE NUTRIENT OPPORTUNITY:

A sustainable approach to the nutrient economy creates opportunities for **New Businesses, Technology Exports, an Improved Environment and Attractive Communities**



DURING THE ACCELERATOR WE WILL WORK TO FRAME OUR CHALLENGES THROUGH A NEW LENS:



SUSTAINABLE BUSINESS



RECREATION AND TOURISM



ATTRACTIVE COMMUNITIES



FLOOD CONTROL



BIODIVERSITY



POPULATION'S WELL-BEING

THE PROGRAMME OFFERS:

“We need an integrated approach and vision shared by all”

A UNIQUE OPPORTUNITY TO CONNECT WITH GLOBAL EXPERTS, ACCELERATE WATER AND WASTEWATER MANAGEMENT INITIATIVES, AND SHOWCASE YOUR MUNICIPALITY'S PROGRESS.

KNOWLEDGE

- Tools and knowledge to move towards becoming a 'Nutrient Neutral' community
- Themes: Energy Neutral Wastewater Technology, Energy Recovery, Green Infrastructure, Sustainable Stormwater Management, Win-Win Agricultural Partnerships, Cost-Benefit Analysis, Prioritization Tools, Business Case Development and more
- Tailored expert guidance for your specific challenge or case from global experts from private and public sectors, financial institutions and academia

NETWORK

- Peer Learning Opportunities: develop new strategic partnerships with other municipalities in this region and internationally
- Global Network: Introductions to an international community of qualified experts, financing institutions, solution providers, thought leaders, and academia to develop projects, research, new solutions, become a 'test-bed' and share best practices
- Opportunity to develop "sister cities" in the Baltic Sea Region and the Chesapeake Bay area, United States

SOLUTIONS AND FINANCE MARKETPLACE

- Participate in 'Innovation Lab' with the aim to identify cost-effective solutions for local water and wastewater management challenges
- Support in creating business cases around challenge and opportunity
- Identify paths to fund projects including teaming up with partners to create EU funding proposals
- Connect with global leaders around economic opportunities
- Facilitate introductions to financing institutions and private sector actors

EXPOSURE

- Receive support to package your success story so that it can be shared in your community and globally
- The Accelerator partners will work to lift your success stories across their networks including: Baltic Sea Challenge Network and Union of the Baltic Cities Sustainable Cities Commission (over 200 municipalities and organisations)
- Ensure that your voice is heard at high-level policy meetings and other key events around the region
- Award for participation in the full programme – presented by Niklas Zennström, Swedish Serial Entrepreneur and Co-founder of Skype

ACCELERATOR PILLARS

“Commitment from local politicians and municipal leaders is crucial.”

FOUR ACTIONS CRUCIAL TO ADDRESSING EUTROPHICATION AND BECOMING AN ATTRACTIVE COMMUNITY

DEFINE OBJECTIVES AND SET STRATEGIC DIRECTION

- Secure commitment and buy-in from key stakeholders within the municipality organization
- Define municipality's overall objectives for addressing eutrophication and develop a strategy
- Integrate strategy across departments, incorporate in public procurement

ENGAGE LOCAL STAKEHOLDERS

- Gather and mobilize local citizens, landowners, companies and organizations for joint efforts
- Raise public awareness
- Recognize and support locally driven initiatives

COOPERATE ACROSS BORDERS

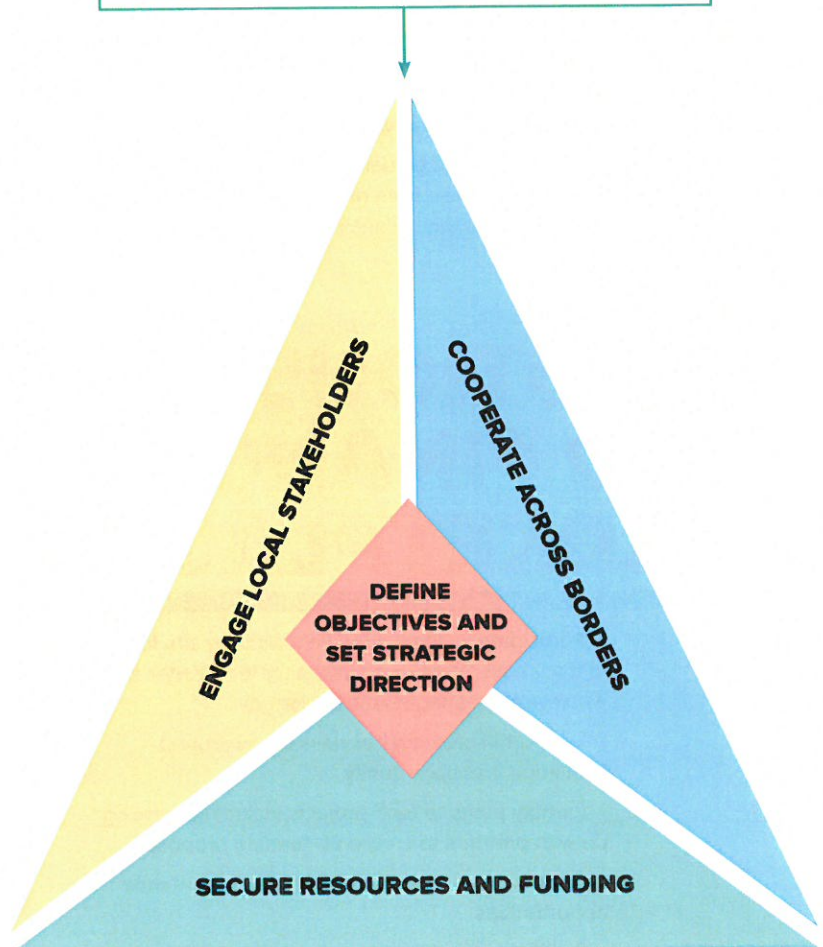
- Cooperate with stakeholders outside municipality borders; regionally, nationally, and internationally
- Facilitate knowledge-sharing and find opportunities for synergies and pooling of resources
- Define objectives and set strategic direction

SECURE RESOURCES AND FUNDING

- Complement internal budgets with external sources such as loans, grants, and fees
- Secure resources and competence such as via cooperation with universities and research institutes

IN 2015, RFTB AND THE BOSTON CONSULTING GROUP launched, 'Restoring Waters in the Baltic Sea Region: A Strategy for Municipalities and Local Governments to Capture Economic and Environmental Benefits.'

OVER 200 MUNICIPALITIES WERE INTERVIEWED AND THIS IS WHAT WE FOUND:



ACCELERATOR STEPS

THE BALTIC SEA ACCELERATOR IS AN **INNOVATION JOURNEY AND NETWORK PLATFORM FOR MUNICIPALITIES**. WE'RE WORKING TOGETHER TO TRANSFORM OUR CITIES INTO SUSTAINABLE COMMUNITIES AND PREPARE FOR THE FUTURE. THE PROCESS IS DIVIDED INTO FIVE PHASES:

1

DEFINE/PREPARE

Define your idea, challenge or vision at **THE IDEA LAB**. The lab is both a meeting place and a working place, fuelled by new knowledge and methodologies. It provides a safe and inspirational space for the cross-pollination of ideas, allowing for new insights and new partnerships to emerge.

COLLABORATE AND COOPERATE

2

Participate in **THE INNOVATION LAB**, join webinars and monthly calls with peers and global experts to co-develop and co-design cost-effective solutions for your challenge, case or vision.

3

ADOPT

Work across departments in your municipality to adopt new solutions, policies, and more efficient processes.

4

SHOWCASE

Share your success stories with your community and the world. Use the Accelerator storytelling tools to package your successes in an attractive way. Join Race For The Baltic in creating a 'Municipality Blue Innovation Road-Map' to share learnings with peer municipalities and decision makers.

5

IMPLEMENT

After the programme, municipalities work to implement the solutions in the near future. To facilitate this process, municipalities are welcome to join the Baltic Sea Challenge network for extra support and to stay connected.



THE BALTIC SEA CHALLENGE

BALTIC SEA MUNICIPALITIES – WORKING TOWARDS NUTRIENT NEUTRALITY

LET'S WORK TOGETHER TO NAVIGATE A BROAD RANGE OF PROVEN MEASURES AND MAXIMIZE IMPACT

There are many ideas, innovations, and solutions that could dramatically improve local waters and stimulate local economic development. These initiatives vary in scale, complexity, and readiness for investment. Let's put our heads together to select the best and most cost-effective measures to maximize nutrient reduction and improve our communities.

BALTIC SEA REGION MUNICIPALITIES ARE ALREADY ON THE WAY!



NUTRIENT RECOVERY AND ENERGY NEUTRAL IN WASTEWATER

FUTURE PROOFING STOCKHOLM'S WASTEWATER:

Henriksdal Wastewater plant uses new advanced technology from General Electric, creating an upgraded system that is more energy-efficient, cost-effective and ready to meet the demands of one of Europe's fastest growing cities.



WIN-WIN PARTNERSHIPS WITH LOCAL FARMERS

FARMER REDUCES COST OF FERTILIZERS BY RECYCLING NUTRIENTS FROM WASTEWATER

By using a unique reactor that converts wastewater from 600 households into fertilizers, a farmer in Södertälje, Sweden reduced costs for fertilizers while reducing load from wastewater treatment. In partnership with the local municipality.



SUSTAINABLE STORMWATER SOLUTIONS

HELSINKI STORMWATER POLICY FOR CONSTRUCTION SITES REDUCES NITROGEN DISCHARGE

After finding high levels of nitrogen in stormwater runoff from explosives activity at construction sites, Helsinki introduced a policy to handle explosives runoff connected to permits for noise and vibration. Reduction of at least 50 tonnes nitrogen per year.



COST-EFFECTIVE RESTORATION PROJECTS

RESTORING HELCOM HOT-SPOT IN LIEPĀJA

The Karosta channel in Liepāja has been a polluted area since it was part of a military base in the mid-1990's. Restoring the channel through removing polluted sediments will provide a range of environmental, social and economic benefits to the local community.

ACCELERATE YOUR CHALLENGE!

ELIGIBILITY

Any size local government located in the Baltic Sea catchment area qualifies to participate in this programme. Due to limited places, a selection process may be implemented if needed. The process will start with **THE IDEA LAB** on December 9–10th 2015 in Stockholm, Sweden. This event is open to all municipalities (space is limited, RSVP as soon as possible, latest November 13th). Following this event, cases will be selected to move forward to **THE INNOVATION LAB**.

RESOURCE REQUIREMENT:

The Accelerator aims to support municipalities in meeting local environmental targets. The Accelerator does not intend to use additional resources within municipalities, but will instead boost current initiatives and ambitions. Participants should expect to participate in:

- 3 workshops
- 5 webinars
- Brief monthly phone calls with peers

Municipalities will also have the opportunity to participate in high-level policy dialogues, international conferences, media interviews, and co-develop a Municipality Innovation Road Map.

SCOPE

The Baltic Sea Accelerator Programme offers a platform to advance peer-collaboration and cross-sector innovation in an effort to reduce nutrients entering the Baltic Sea from local waters. Examples of successful measures can be reviewed in The Boston Consulting Group report, 'Restoring Waters in the Baltic Sea Region: A Strategy for Municipalities and Local Governments to Capture Economic and Environmental Benefits.' The main areas of focus include innovations and solutions for wastewater management, agriculture, stormwater and restoration.

SELECTION CRITERIA

After **THE IDEA LAB**, municipalities express their interest in being one of the core participating municipalities. The Baltic Sea Accelerator Advising Partners will select the final cases that will join the programme in early 2016. The selection criteria is as follows:

POLITICAL COMMITMENT

- Municipalities that have expressed their political commitment to the programme will be prioritised

ENGAGEMENT

- Your municipality's engagement level and willingness to be an active participant in all activities is merited

DEDICATION

- Your municipality's dedication to contributing to becoming a leader in Baltic Sea action, especially around nutrient pollution, should be clearly communicated. Municipalities that express dedication to making this programme – as well as future programmes – successful will be prioritised

VARIETY OF THEMES AND CASES

- The programme aims to highlight a range of nutrient challenges and therefore a variety of cases will be selected, based on the expertise areas of the partners

Selection Jury Organisations:

The Boston Consulting Group, General Electric, Baltic Sea Challenge, Stockholm International Water Institute - Swedish Water House, Union of the Baltic Cities Sustainable Cities Commission, Ramboll, Swedish Agency for Marine and Water Management, The Swedish Institute, Global Challenge, Race For The Baltic

HOW TO JOIN:



STEP 1

- Bring your idea, challenge or vision to **THE IDEA LAB** December 9–10th
- Sign up by November 13th at raceforthebaltic.com/accelerator
- Develop your idea, challenge or vision at **THE IDEA LAB**



STEP 2

- Submit your interest at raceforthebaltic.com/accelerator in January 2016. Be sure to include a letter from your Mayor supporting your participation
- In February 2016, a core group of municipalities will participate in the upcoming activities

PROGRAMME TIMELINE

**FINAL ACTIVITY PLAN AND
PROGRAMME WILL BE SET
AFTER THE IDEA LAB**

November 13th, 2015

Sign up to join **THE IDEA LAB** and bring your idea, case or vision

December 9–10th, 2015

Participate in **THE IDEA LAB**

2015

January 18th, 2016

Submit your final proposal for participation – Advising Partners select cases

February 2nd, 2016

Cases that are accepted are announced

February 16th, 2016

Webinar “Introduction to Programme”

Spring 2016

THE INNOVATION LAB – Co-Create Solutions and start business case/action plan

Fall 2016

Webinar “New Financing Models for Blue/Green Municipal Investments”
Partners: USA organisations, European Investment Bank

December 2016

Webinar “Moving from Idea to Action: Key learnings from experienced peers”

2016

2017

February 2017

Webinar “Updates from all participating municipalities”

April 2017

Final Event and Showcase
Stockholm, Sweden

IMPLEMENTATION STARTS!

Supported by:



20 EXPERT PARTNERS

THE PROGRAMME IS AN INITIATIVE OF ZENNSTRÖM PHILANTHROPIES' BALTIC SEA PROGRAMME, RACE FOR THE BALTIC, AND HAS BEEN DEVELOPED WITH THESE GREAT PARTNERS.



FUNDING PARTNERS:

**ZENNSTRÖM
PHILANTHROPIES**



Swedish Agency
for Marine and
Water Management

FOR MORE INFORMATION PLEASE CONTACT:

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Project Manager, Baltic Sea City Accelerator
mauricio@raceforthebaltic.com

Barbara Jackson
Director, Race For The Baltic
barbara@raceforthebaltic.com

RACEFORTHEBALTIC.COM





WELCOME TO THE BALTIC SEA CITY ACCELERATOR PROGRAMME



**A COLLECTIVE IMPACT APPROACH
FOR A SUSTAINABLE SEA AND
PROSPEROUS REGION**

SHARING VISIONS

COMMUNICATION

SHARING ACTIVITIES

**1500+ MUNICIPALITIES
FOR A SUSTAINABLE
BAL TIC SEA**

SHARING FEEDBACK

YOU ARE OFFICIALLY A PART OF THE BALTIC SEA CITY ACCELERATOR OPEN PROGRAMME.

YOU HAVE ACCESS TO:

- Accelerator global network
- Webinars, Idea lab, Innovation labs
- Learn about best practices, innovative solutions, emerging technologies
- Meet solution providers and funders
- Join peer-to-peer dialogues and discussions
- Join conversations around citizen engagement, social innovation and awareness raising
- Join funding applications with partners

**Become ONE of
FIVE Accelerator
Pioneer CITIES!**
Those that want to
go a step further
and receive tailored
support should be a
PIONEER!

- read more inside

RACE
FOR
THE
BALTIC



Are you 'Open' or a 'Pioneer'?



OPEN

**BALTIC SEA CITY
ACCELERATOR**

FLEXIBLE OPTION:
WORK INDEPENDENTLY
AND SHARE YOUR
LEARNINGS

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PIONEERS

**BALTIC SEA CITY
ACCELERATOR**

AMBITION OPTION:
RECEIVE TAILORED
SUPPORT FROM
ACCELERATOR
PROGRAMME & NETWORK
- YOU WILL BE
HIGHLIGHTED AND
RECEIVE RECOGNITION
AND EXPOSURE OF YOUR
WORK

**Swedish Agency
for
Marine and
Water Management**

COMMITMENT

OPEN

PIONEERS



| | |
|---|---|
| <ul style="list-style-type: none"> • Open for all municipalities- no selection criteria | <ul style="list-style-type: none"> • 5 municipalities only |
| <ul style="list-style-type: none"> • Commit to one nutrient reduction activity and share the business case with the programme | <ul style="list-style-type: none"> • Commit to 2-3 nutrient reduction activities and share the business case with the programme |
| <ul style="list-style-type: none"> • Work independently and report key learnings back to accelerator | <ul style="list-style-type: none"> • Work together with the peers & experts to develop key learnings and ways forward and scale up possibilities |
| <ul style="list-style-type: none"> • Join at least one activity | <ul style="list-style-type: none"> • 3 workshops, 4 webinars, join strategic planning group |
| <ul style="list-style-type: none"> • Join at anytime before April 2015 by simply expressing your interest (Idea Lab Participants are automatically a part of the Open Programme) | <ul style="list-style-type: none"> • Long-term ambition and commitment to set nutrient reduction targets, develop strategic action plans, etc |

COMMITMENT IN DETAIL - PIONEERS

- Creation, or further development of a political municipal vision for Baltic Sea action/stewardship
- Identify and start to work on 2-3 initiatives or activities that can be developed to demonstrate your efforts towards reducing nutrients and capturing economic/social benefits (based on BCG report page 16-19). Municipalities might already have these initiatives in the pipeline, or will develop them at the Idea and Innovation Labs. This could include current projects, multi-stakeholder dialogues, internal vision setting, action plan development, pilot projects etc.
- Readiness to share successes and key learnings from the Accelerator process. Race For The Baltic will produce a Municipal Innovation Agenda related to key learnings from the Accelerator. Each municipality is asked to contribute to this agenda.
- Commitment to attend 3-4 workshops, 4 webinars, and monthly phone calls
- Appoint one person to be the main contact person. This person should have mandate and report directly to the municipality's political team. To ensure success, it is recommended that at least 2 people from different departments work on this together (environment & development). Some cities may choose to build a **Baltic Sea Task Force** that includes several politicians and civil servants from different departments that meets a few times a year.
- Openness to explore municipal nutrient reduction targets with other municipalities and developing other tools that would encourage other municipalities to join in this type of work (BCG report page 37)
- Submit 2 films (5 minutes each) to update the group and public on your progress. Mayor to participate.

COMMITMENT IN DETAIL - OPEN



- Identify and start to work on 1 activity or initiative that demonstrate your efforts towards reducing nutrients and capturing economic/social benefits (based on BCG report page 16-19). Municipalities might already have these initiatives in the pipeline, or will develop them at the Idea and Innovation Labs. This could include current projects, multi-stakeholder dialogues, internal vision setting, action plan development, pilot projects etc.

- Share successes and key learnings from the Accelerator process
- Submit a short film (2-3 minutes) to talk about your challenge and how you plan to solve it. This will be shared with other municipalities around the region and encourage action



NEXT STEPS TO JOIN THE ACCELERATOR PIONEER PROGRAMME

(YOU ARE ALREADY AUTOMATICALLY IN THE OPEN PROGRAMME!)

- Send a letter of intent signed by your Mayor. Specify your case, vision, barriers, needs and key activities that will take place between Feb 2016-2017. A template will be sent [January 5th](#) and you should submit this by [January 25th](#).
- Book a phone interview with Barbara between [January 8-15th](#). See questions in this presentation.
- The letter of intent & interview are your application to the Pioneer programme
- Five municipalities will be selected to be the first pioneer cities by the Accelerator Expert Partners on [February 2nd](#).
- The first webinar is scheduled for [February 16th](#)

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Water Management

SELECTION CRITERIA



The Baltic Sea Accelerator Advising Partners will select the final cases that will join the programme based on

POLITICAL COMMITMENT

- Municipalities that have expressed their political commitment to the programme will be prioritised

ENGAGEMENT

- Your municipality's engagement level and willingness to be an active participant in all activities

DEDICATION AND AMBITION

- Your municipality's dedication to contributing to becoming a leader in Baltic Sea action, especially around nutrient pollution, should be clearly communicated. Municipalities that express dedication to making this programme – as well as future programmes – successful will be prioritised

VARIETY OF THEMES AND CASES

- The programme aims to highlight a range of nutrient challenges and therefore a variety of cases will be selected, based on the expertise areas of the Baltic Sea City Accelerator expert partners



MAIN ACTIVITY PLAN

- PIONEERS

TIMELINE- PIONEERS

| Year | Date | Area | General Concept | Activities | Required time |
|------|------|----------------|---|---|---------------|
| 2015 | Q4 | Define/Prepare | Define your municipality's idea, challenge or vision at THE IDEA LAB Dec 9-10. The lab is both a meeting place and a working place, fuelled by new knowledge and methodologies. It provides a safe and inspirational space for the cross-pollination of ideas, allowing for new insights and new partnerships to emerge | (1) Participate in welcoming evening Dec 9 (2) Mayor to present vision, idea or challenge at the Idea Lab event December 10 | 1,5 days |

TIMELINE- PIONEERS

| Year | Date | Area | General Concept | Activities | Required time |
|------|------|--|--|--|---|
| 2016 | Q1 | Co-create, Collaborate, Accelerate | Start to identify 2-3 activities or initiatives within your municipality | (1) Participate in introduction Webinar (2) Meet with partners to further develop your activities and initiatives (3) Monthly Phone calls with peers (4) Submit quarterly update to Accelerator on activities, plans, processes, key challenges, successes, reflections including a film from mayor (max 5 minutes) | Approx. 5 hours per month. Additional time to be decided by municipality based on resources |
| | Q2 | | Finalize which activities will be prioritised and participate in the Innovation Lab | (1) Participate in 2 day Innovation Lab with solution providers and funders (date to be confirmed) (2) Monthly phone calls with peers (3) Submit quarterly update to Accelerator on activities, plans, processes, key challenges, successes, reflections. | 2 day workshop plus approx. 5 hours per month. Additional time to be decided by municipality based on resources |
| | Q3 | | Start working on activities and initiatives with support from Accelerator partners based on needs. Review needs such as funding, policy challenges, knowledge gaps, decision making needs etc. | (1) Participate in knowledge exchange webinar (2) Monthly phone calls with peers (3) Submit quarterly update to Accelerator on activities, plans, processes, key challenges, successes, reflections | Approx. 5 hours per month. Additional time to be decided by municipality based on resources |
| | Q4 | | Continue to work on activities and initiatives with support from Accelerator partners based on needs. Apply for funding if needed with Accelerator partners | (1) Participate in knowledge exchange webinar (2) Monthly phone calls with peers (3) Submit quarterly update to Accelerator on activities, plans, processes, key challenges, successes, reflections | approx. 5 hours per month. Additional time to be decided by municipality based on resources |

TIMELINE - PIONEERS

| Year | Date | Area | General Concept | Activities | Required time |
|------|---------------|---|--|---|---|
| 2017 | Q1 | Adopt | Work across departments in your municipality to adopt new solutions, policies, and more efficient processes. Participate in one workshop (to be confirmed based on needs) | (1) Participate in knowledge exchange webinar (2) Monthly phone calls with peers (3) Submit quarterly update to Accelerator on activities, plans, processes, key challenges, successes, reflection (4) Prepare for final event to showcase your activities (5) work together with Accelerator team on final report that analyses key learnings from the Accelerator programme (6) Submit a short film (less than 5 minutes) to give an update on your progress | requested 1-2 weeks during a 3 month period. Additional time to be decided by municipality based on resources |
| | Q2 | Showcase and share | Share your success stories with your community and the world. Use the Accelerator storytelling tools to package your successes in an attractive way. Join Race For The Baltic in creating a 'Municipality Blue Innovation Road-Map' to share learnings with peer municipalities and decision makers. | (1) Participate in Final Event. Scheduled for April 2017 (2) Share your municipality's politically anchored vision for Baltic Sea stewardship (3) Finalize the final output report together with Accelerator | 1-2 weeks requested. Agreement to be made with municipalities as a group |
| | Q3 and future | Full implementation, Refinement and sharing | After the programme, municipalities work to implement the solutions in the near future. To facilitate this process, municipalities are welcome to join the Baltic Sea Challenge network for extra support and to stay connected. | Participate in future accelerator activities to share your successes as time allows | municipalities decide on their own commitment |



IN SUMMARY: TARGETED OUTPUTS FOR **PIONEERS**

By April 2017 YOU WILL HAVE

- DEVELOPED POLITICAL VISION FOR MUNICIPALITY
- STARTED NEW INITIATIVES OR ACTIVITIES IN LINE WITH VISION
- SECURED FUNDING
- DEVELOPED NEW INTERNATIONAL PARTNERSHIPS
- DEVELOPED INNOVATIVE PROCESSES WITHIN YOUR ORGANISATION
- PACKAGED YOUR 'STORY', INVESTMENT CASE, SUCCESS- AND SHARED WITH OTHERS

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IN SUMMARY: TARGETED OUTPUTS FOR **OPEN** ACCELERATOR

By April 2017 YOU WILL HAVE

- PARTICIPATED IN WEBINARS, IDEA LABS, AND INNOVATION LABS
- STARTED NEW INITIATIVES OR ACTIVITIES IN LINE WITH YOUR CITY'S VISION
- GAINED ACCESS TO THE ACCELERATOR GLOBAL NETWORK FULL OF SOLUTION PROVIDERS AND FUNDERS
- WORKED ON YOUR MUNICIPALITY'S VISION FOR A CLEAN BALTIC SEA
- DEVELOPED NEW RELATIONSHIPS WITH PEER MUNICIPALITIES AND SHARED BEST PRACTICES

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Water Management



IN SUMMARY: TARGETED OUTPUTS FOR ACCELERATOR PROGRAMME IN GENERAL

- A new wave of Baltic Sea pioneers/stewards of the Sea is developed
- New investment projects in the pipeline
- More cities with nutrient reduction targets and strategic lens (act as role models)
- Stronger partnerships between private and public sector
- Cross-pollination of ideas between partners, peers, regions and countries
- A deepened understanding of economic benefits of a healthy Baltic Sea
- Increased multi-governance communication especially around 'barriers'
- A stronger and prosperous region

Interview questions

Please book a meeting with us between January 8-15 to go through these questions.

barbara@raceforthebaltic.com



Background

Strategic Lens and Planning

Please provide us with more information regarding your municipality's starting point. This will help us to shape the City Accelerator programme in a way that brings most value to you.

In 2015, Boston Consulting Group released the report, *A strategy for municipalities and local governments to capture economic and social benefits* which was based on interviews with over 250 municipalities and 60 experts.

The report shows that municipalities that use a strategic lens and structured approach to address water challenges were more likely to capture economic and social benefits as a result of strategic investments in clean waters.

Please review the following statements and highlight the number that best represents your municipality's current starting point.

My municipality/city possesses the highest political will to become good stewards of the Baltic Sea environment

Please select the number that best represents your starting point.

- 1 – Not true at all
- 2 – Some politicians are acting towards good water stewardship for a clean local waters and Baltic Sea but it is not yet on the strategic agenda
- 3 – This statement is true, however, we need to further define what good stewardship means to us
- 4 – This statement is very true and we have clearly defined what good stewardship means to us.

My municipality/city has developed a comprehensive action plan that covers all aspects of the agreed upon HELCOM Baltic Sea Action Plan i.e. eutrophication, biodiversity, hazardous substances and maritime activities.

Please select the number that best represents your starting point.

- 1 – We have not started this nor do we have any plans to do so
- 2 – We have thought about this, but we have not started to develop it
- 3 – We plan to develop an action plan with all these areas in the next coming months
- 4 – We have started an action plan, but would like to work more actively with it.
- 5 – We actively work with this as a part of our daily routine

Please share any other additional information – for example, have you started in one of these thematic areas? More information regarding the BSAP can be found at the end of this document.

My municipality/city has developed 2-year milestones connected to this action plan and we actively follow up

Please select the number that best represents your starting point.

- 1 – We have not started this nor do we have plans
- 2 – We have thought about this, but we have not started to develop it
- 3 – We have plans to develop milestones in the next coming months
- 4 – We have started this, and would like to work more actively with it
- 5 – We actively work with this as a part of our daily routine

Please review the following statements and highlight the number that best represents your municipality's current starting point.

My municipality/city has a water task-force that works across departments and has the mandate to make an impact

Please select the number that best represents your starting point.

- 1 – We have not started this nor do we have any plans
- 2 – We have thought about this, but we have not started
- 3 – We plan to get started with this in the next coming months
- 4 – We have started this, but would like to work more actively with it
- 5 – We actively work with this as a part of our daily routine

My municipality/city works actively with nutrient reduction targets. We know the amount of phosphorous and nitrogen that needs to be reduced and we have identified the main sources of pollution

Please select the number that best represents your starting point.

- 1 – We have not started this nor do we have any plans
- 2 – We have thought about this, but we have not started
- 3 – We have plans to get started in the next coming months
- 4 – We have started this, but would like to work more actively with it
- 5 – We actively work with this as a part of our daily routine

My municipality/city works actively to find the most cost-effective solutions to reduce nutrient pollution

Please select the number that best represents your starting point.

- 1 – Not at all
- 2 – Yes, but we need to improve and need external input
- 3 – We have come very far with this and consider ourselves to be experts in finding the most cost-effective solutions

Please review the following statements and highlight the number that best represents your municipality's current starting point.

My municipality/city has identified the most cost-effective combination of measures to reduce nutrient pollution

Municipalities must decide how to prioritize the broad range of proven measures that reduce nutrient load. To reach the clear waters state and capture local benefits, a municipality must find the most cost-effective combination of measures for the local setting. One effective way is to apply a structured approach for prioritization — in the BCG report, referred to as the Staircase framework. The Staircase framework can be applied by following a three-step approach to reduce phosphorous (P) and nitrogen (N) (see Exhibit 15).

Insert from Boston Consulting Group report

Please select the number that best represents your starting point.

- 1 – We have not used this method and have no plans to use it in the future
- 2 – We would like to use this and would like more information
- 3 – We use something similar
- 4 – We use this exact method

The network.....



BCG

The Boston Consulting Group



Louis Berger



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**Swedish Agency
for Marine and
Water Management**

Deutsche Bank



We look forward to working with you!



Mauricio Portilla

Barbara Jackson

Niklas Zennström



PARTNERS

Partner details: Stockholm Environment Institute



SEI is an independent international research institute. We have been engaged in environment and development issues at local, national, regional and global policy levels for more than 25 years.

SEI was formally established in 1989 by the Swedish Government and celebrated its 25th anniversary in October 2014. Our goal is to bring about change for sustainable development by bridging science and policy. We do this by providing integrated analysis that supports decision-makers. The institute has built a reputation for rigorous and objective scientific analysis in the field of environment and development.

Our vision

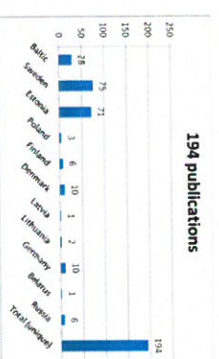
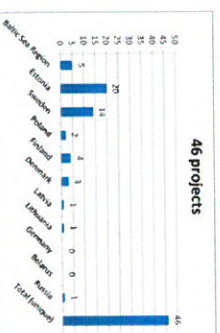
A sustainable, prosperous future for all.

Our mission

To support decision-making and induce change towards sustainable development around the world by providing integrative knowledge that bridges science and policy in the field of environment and development.

Why are you involved in City Accelerator Program?

SEI views the Baltic Sea region as a strategic area for research and networking. The accelerator program is an important network that we wish to link up with. SEI has been involved in research in the Baltic Sea Region for a long time. Below follows a summary of our achievements since the 90s.



Contact details:

- Jakob Granit, PhD - Deputy Director and Center Director SEI
- GEF/STAP IW Panel Member
- twitter@jakobgranit



Jakob Granit

Partner details: GE Water



About GE Water

GE offers the most comprehensive set of advanced technology solutions and services available, helping our customers manage and optimize their water resources and process challenges across industries and municipalities. It is our goal to enable our customers to meet increasing water demands and population needs, overcome scarcity challenges, enhance their environmental stewardship and comply with regulatory requirements.

Why are you involved in City Accelerator Program?

- The Baltic Sea City Accelerator will be a key initiative during the coming years, serving as a platform to help create a sustainable future for the Baltic Sea. At GE we believe it's important to support these kinds of initiatives and we are very pleased to partner with Race For The Baltic.

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Partner details: The Boston Consulting Group



The Boston Consulting Group (BCG) is a global management consulting firm and the world's leading advisor on business strategy. We partner with clients from the private, public, and not-for-profit sectors in all regions to identify their highest-value opportunities, address their most critical challenges, and transform their enterprises.

Founded in 1963, BCG is a private company with 81 offices in 45 countries. For more info, please visit bcg.com.



Sanna Dahlgren

Why are you involved in City Accelerator Program?

- The Baltic Sea is one of the top prioritized topics on the Stockholm office's Social Impact agenda, and an area where we've conducted a lot of work previous years with e.g. ZP and WWF, promoting the multiple benefits with investing in environmental challenges
- I'm one of the authors of the previous BCG report written with ZP, and on a personal level I'm also an enthusiastic sailor on the Baltic Sea during summer!

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Partner details: IVL,

Swedish Environmental Research Institute



IVL has a broad environmental profile. Unlike many other players, we combine applied research and development with close collaboration between industry, municipalities and the public sphere. Our consultancy is evidence-based, and our research is characterized by interdisciplinary science and systems thinking.

IVL was jointly founded in 1966. Common to all of our assignments is today the interaction between ecological, economic and social perspectives. We employ 240 engineers, behavioral scientists, chemists, marine biologists, biologists, political scientists, journalists, business developers and economists. We also possess exceptional specialist skills — almost a third of our employees have doctorates.

Our core values are Credibility – foresight – holistic perspective.

Our vision is a sustainable society.

Why are you involved in City Accelerator Program?

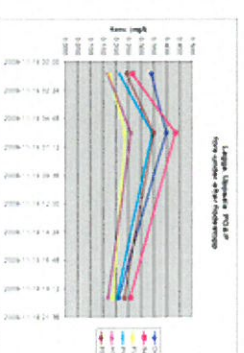
IVL are driving the transition to this sustainable society by transforming science into reality, environmental problems into opportunities and linear processes into a circular economy. For progress in the environmental area, e.g. towards a Baltic Sea in balance, **we believe in applied projects and actions** in close collaboration with our partners and customers. Most environmental challenges are at a global level, e.g. the Baltic Sea, and for that reason IVL is very active at the international arena and involved in many fruit-full networks. Examples of this is our annually 30-40 on-going EU-projects, many in the area of water.

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Staffan Filipsson





*Only 0,3% is surface
water, available in
rivers, lakes and
wetlands*



SIWI – for a water wise world

Partner details: Baltic Sea Challenge



The Baltic Sea Challenge is a cost-free network for organizations committed to protecting the Baltic Sea. The network supports its members in their efforts and allows them to share information, carry out projects and learn together to improve the status of our waters.

Vision

A clean, productive and shared Baltic Sea

Shared challenges

Clean Baltic Sea is a productive Baltic Sea. The network members recognize that reconciling the need to utilize the sea with efforts to improve its ecological status presents a challenge. They challenge themselves and their organizations to take action to ensure the good status of the Baltic Sea, in order to strengthen the shared sense of ownership of waters and the responsibility for their well-being.

Shared answer

The members take up this shared challenge voluntarily, with actions and cooperation that exceed the requirements of law and their core operations, in order to reduce their contribution to the nutrient loading in the Baltic Sea, and to help restore the good status of the sea.

Shared commitment

To realize the shared vision, the members commit to the following shared objectives with their own concrete actions: 1) Clear coastal waters, 2) Healthy marine habitat, 3) Clean and safe water traffic, 4) Systematic water area management and 5) Active Baltic Sea Citizenship.

Why are you involved in City Accelerator Program?

Since starting its operations in 2007 the Baltic Sea Challenge has a strong expertise in facilitating cross-sectoral dialogue and cooperation in Baltic Sea issues and welcomed a growing number of members in its network - today about 230 organizations from around the Baltic Sea region. As the initiators of the network, the Cities of Helsinki and Turku have published a joint Baltic Sea Action plan (original in 2008 and revision in 2014) and are willing to support the Accelerator municipalities with their experience in creating internal strategic municipal development and planning projects, and bringing cooperation elements to them. Finally, they invite the Accelerator municipalities to join the Baltic Sea Challenge network in order to continue the cooperation even after the Accelerator process.

Contact details:

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Coordinators: Lotta Ruokanen, lotta.ruokanen@hel.fi
Salla-Maria Lauttamäki, salla-maria.lauttamaki@centrumbalticum.org

RACE FOR THE BALTIC

Partnership Leading the Way to a Clean Baltic Sea

Background

RACE FOR THE BALTIC Partnership Leading the Way to a Clean Baltic Sea

The Baltic Sea is one of the most threatened major bodies of water in the world with dead zones covering one sixth of the sea bottom as a consequence of eutrophication. Turning the Baltic Sea back into a body of water that is both environmentally and economically sustainable will take the collective efforts of policy makers, businesses, civil society and the public.

Race for the Baltic is a multi-stakeholder platform for Baltic Sea Action. The platform brings together governments, research, private sector, and civil society to create political will and collective action. These efforts will lead to a healthier Baltic Sea environment, whilst contributing to long-term economic development and improved citizen well-being in the region.

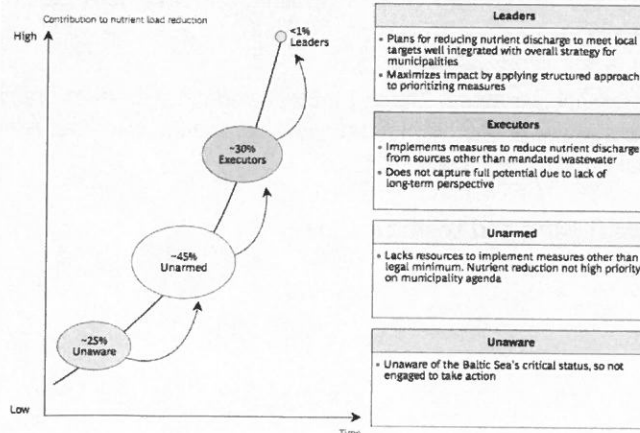
The Baltic Sea As a Resource

It is well known that the ecological state of the Baltic Sea is well below the acceptable EU levels, and therefore it is easy to miss the great achievements that have been made. However, local governments across the region have proven that there are considerable economic and social benefits that can be captured as a result of smart investments and innovations in restoring local water quality.

Such water quality investments that have been made over the past few decades have shown concrete results and benefits such as development of sustainable business and increase recreation, aesthetic value, flood control, biodiversity and flood-control.

Now it is time to review these successful leadership cases, and bring the unaware and unarmed actors on board. Through advancing awareness and engagement levels across the region we can create a tipping point in Baltic Sea action. In doing so, the Baltic Sea region has a great opportunity to step into a global leadership position in innovative water management and blue technologies, sustainable economic development, and adaptive governance.

EXHIBIT 4 | Two-thirds of Municipalities Unaware of Baltic Sea's Critical Status or Have Insufficient Resources to Effectively Address it



Rce For The Baltic City Accelerator programme

This programme is an 18-month pilot that:

1. Will support a core group of municipalities whom wish to become innovative and strategic leaders in improving the sustainability of the Baltic Sea environment through offering
2. Functions as a platform that invites municipalities, solution providers, research & academia, financial actors in the Baltic Sea Region to join forces and co-create solutions that are in line with each participating municipality's current strategy.
3. Sets the stage which allows Baltic Sea Region municipalities to collectively demonstrate innovative and strategic leadership qualities that will catalyze other local government initiatives.
4. Acts a booster to existing initiatives and aims to help local governments unlock their potential in reducing further impact on Baltic Sea's environment.

This approach will create commitment over time by demonstrating and communicating the wide range of local benefits from addressing eutrophication and reaching a clear waters state. These benefits include sustainable business development, recreation, aesthetic value, flood control, bio- diversity, and population's well-being.

The main suggested outcome, besides identifying solutions for local challenges, is a road map or Innovative Baltic Sea Agenda. This agenda should demonstrate innovative municipal initiatives, provide policy suggestions, point to investment opportunities and also act as a guidebook for other municipalities to follow in the future **(To be discussed with partners September 21st)**.

Long term impact:

1. By 2020, in collaboration with other actors, local municipalities will play a leading role in addressing the global challenges of Baltic Sea sustainability – enhancing sustainable business development, enabling recreation, aesthetic value, sanitation, population's well being, flood control, biodiversity, improving environmental sustainability, and creating jobs both at home and abroad. This is all being done profitably.
2. By 2030, investing in innovative initiatives models represent leading examples on how other municipalities can join and work. Resulting in a substantial increase in collaboration with these municipalities to the benefit of all stakeholders.

Time plan

Broadly, the approach will focus on achieving the following milestones:

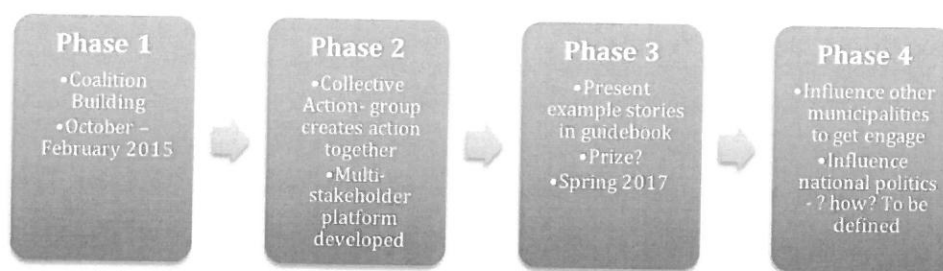
2015 will focus on building building the ecosystem of participation with the core group of municipalities and expert partners

2016 will focus on enabling deep co-creation between these partners and creating best practice guide highlighting which will identify investments that can be scaled with the aim to influence the practice of local government innovation.

2017 will focus on supporting initiative building and scaling initiatives

Workstreams

To provide a platform for municipalities and local governments to identify innovative models and co-creation, the 18-month programme proposes a concrete supportive framework incorporating knowledge management, collaborative innovation, networking, financing and support. This proposal will further focus on the critical elements of community building, co-creation and capacity building as outlined below:



With this in mind, this programme will serve as a participatory platform in two parts:

Phase 1 (November 2015 – February 2016)

Tailored advising with within each municipality

1. Connect cities with top global experts, new innovations, technologies and solutions
2. Identify challenges or opportunities that municipalities need to work on that will restore local water quality
3. Push for action and implementation of cost-effective solutions now
4. Scope the innovation potential to solve those challenges or capture the opportunities (using external input from other stakeholders such as.....)
5. Offer media appeal in order to showcase the cities' successes and develop an attractive region
6. Develop an actionable strategy, roadmap and specific activities for collaborative innovation, research and funding

Phase 2 – 3 (February 2016 – February 2017)

The initiative will design together with municipalities and our expert group a roadmap and options for collaborative efforts on innovative activities including specific research and innovation activities, appropriate forums for co-operation and mechanisms for ongoing collaboration, investing and policy-decision making.

Expected Outputs

- 3 network meetings over 18 months
- Mentoring
- Leadership training

- Award ceremony (looking for partners)
- 5 webinars (open to all)
- Course Material
- Advisory board for cities as well as a team of global experts available to support

Annex:

Race For The Baltic City Accelerator Design Pillars

The 18 month programme, with the support of the Boston Consulting Group report “Restoring waters in the Baltic Sea Region”¹ identified 6 sectors that were considered in having the great potential for local municipalities capability to meet the needs of Baltic Sea sustainability. These six are identified as key benefits: sustainable business development, recreation, aesthetic value, flood control, biodiversity, and population’s well-being

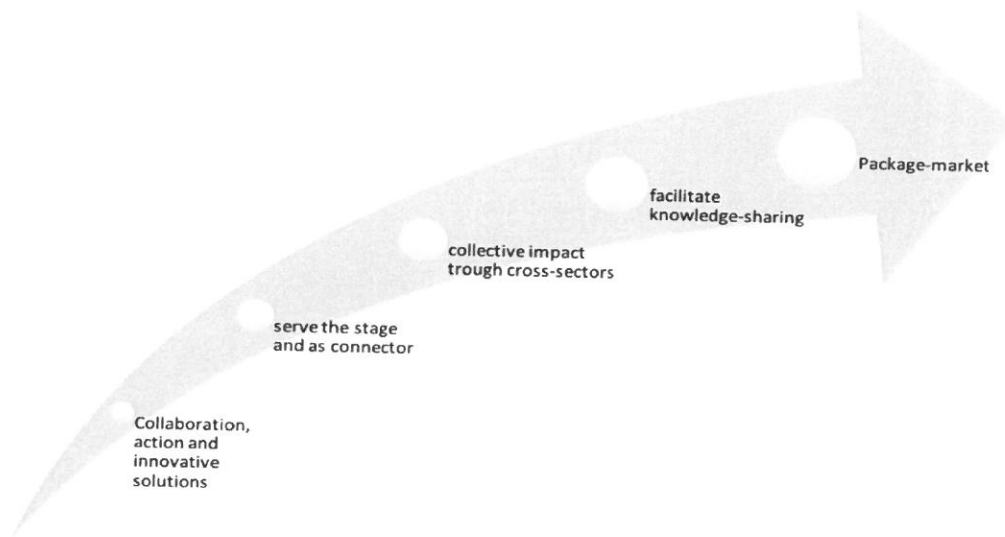
Best practice examples from leading municipalities around the Baltic Sea show four actions crucial to becoming an attractive community for citizens and businesses: i) define objectives and set strategic direction, ii) engage local stakeholders, iii) cooperate across borders, and iv) secure resources and funding.

The RFTB will adopt these ambitions, and use them as a starting point for setting short-term goals and for enabling collaboration across these sectors.

Our programme will work with cross-sector leaders and stakeholders in municipalities by using key elements as strategy:

- We focus on **collaboration, action and innovative solutions**
- We **serve the stage and act as a connector to create new conversations**
- Working with municipalities to Identify local governments and municipalities innovation with top global experts.
- **Collective Impact:** Cross –sector spaces to work together and build initiatives that foster innovation & solutions
- **Cooperate** with other stakeholder outside municipality
- **Facilitate** knowledge-sharing and find opportunities for synergies and pooling of resources
- **Support** in developing new alliances with local stakeholders
- **Package and market** success of municipalities
- **Create a local Baltic Sea road map** of initiative acceleration
- **Find new ways of financing** such as resources with external sources such as loans, grants and as via cooperation, partnership with private sector, universities and research institutes.

¹ Read the report and find relevant information at: <http://www.zennstrom.org/race-for-the-baltic/news-events/?p=1861>



Partners for this programme

Race For The Baltic is the backbone support organisation for this work and will have the role of being the convener and also responsible for the deliverables. Zennström Philanthropies is the founder of RFTB and core funder of this work. RFTB is hosted by Global Challenge, an independent Think Tank located in Stockholm, Sweden.

Financial Partners:

Hav & Vatten
Svenska Institutet

Partners:

Baltic Sea Challenge (Cities of Helsinki and Turku)
Union of Baltic Sea Cities

Expert Advisors/Endorsers:

Swedish Water House
Uppsala University
Chesapeake Bay Foundation
The Louis Berger Group
General Electric
Boston Consulting Group
Deutsche Bank
Global Challenge

