



Keynote Karaoke

The beginners guide to ecosystem-based maritime spatial planning

– the why, what and how from the HELCOM-VASAB MSP working group's EBA-taskforce

Jan Schmidtbauer Crona

Senior Analyst, Swedish Agency for Marine and Water Management



You have to believe in something

”In Sweden...

**...we are not quite sure of
whether there is life after death...**

**...but we do believe
in Marine Spatial Planning”**

At OSPAR EIHA-committee 2012





You have to believe in something

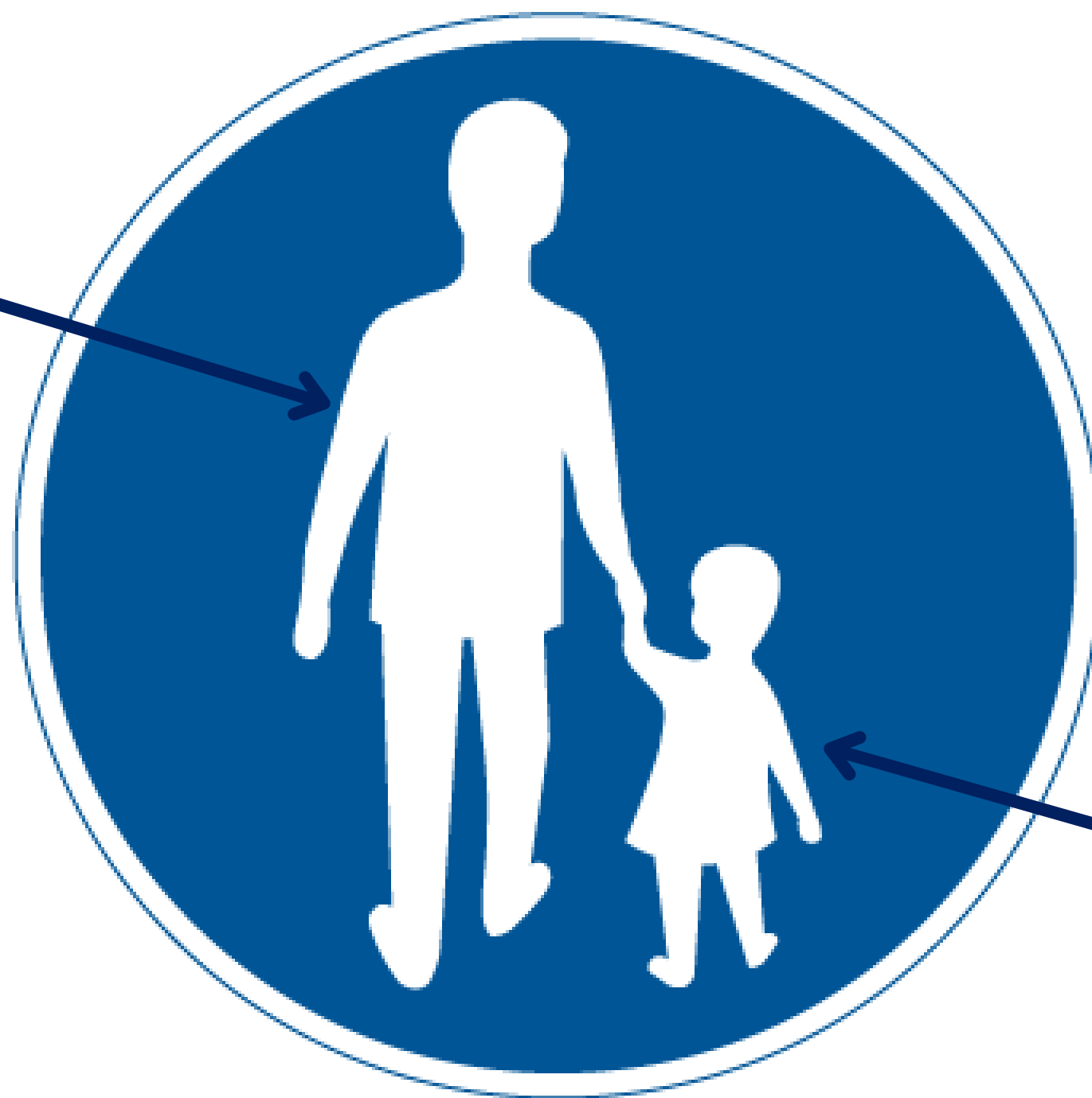
**I believe in MSP,
in ecosystem-based MSP**

The Ecosystem Approach – Qu'est-ce que ce?





The Ecosystem Approach



You



POETIC EDITION 2017

The Ecosystem Approach in Marine Spatial Planning

WHY?

BECAUSE



IT MAKES

A

DIFFERENCE

INMS



FOR THE BALTIC

A scenic view of a rocky coastline under a bright blue sky with scattered clouds. In the foreground, there are rugged, grey rock formations. In the middle ground, a small body of water reflects the sky. On the right side, several small, red-roofed houses are built on the rocks. The overall atmosphere is peaceful and natural.

so

WHAT

IT'S A STRATEG Y

A STRATEGY OF **LOVE** FOR PLANET

A STRATEGY OF **LOVE** FOR PEOPLE

A STRATEGY OF **LOVE** FOR PARTICIPATIO N

A STRATEGY OF **LOVE** FOR KNOWLEDGE

A STRATEGY OF **LOVE** FOR YOU

A STRATEGY OF **LOVE** FOR ME

A STRATEGY OF **LOVE** FOR US

A STRATEGY OF **LOVE** FOR PEACE

It's a cake! Not a cookie!



What



The Ecosystem Approach is a **strategy** for the **integrated** management of land, water and living resources that promotes **conservation** and **sustainable use** in an **equitable** way, with the aim to ensure that human use of ecosystems is kept within the **limits of ecosystems' capacity** to regenerate with regard to their structure, dynamics and function.

Rooted in 12 principles (The “Malawi principles”) – CBD
1998



The Ecosystem Approach

How

The application of the Ecosystem Approach entails a **holistic** systems perspective on **marine ecosystem** and its interaction with **human activities**, adoption of the **precautionary** approach and **adaptive** management.

It demands a continuous development of **knowledge** on ecosystems and their use, mapping and assessment of **ecosystem services** and the values they provide as well as horizontal and vertical **participation** and **cooperation** between planners, researchers and sea use sectors.



Listen to your



Listen to your



when it's calling for you

Listen to your



there's nothing else you should do

I don't know where you're going, and I don't know why
But before it is goodbye

Listen to your



**Sustainable
Blue
Economy**

**Ecosystem
Services**

Groove is in the



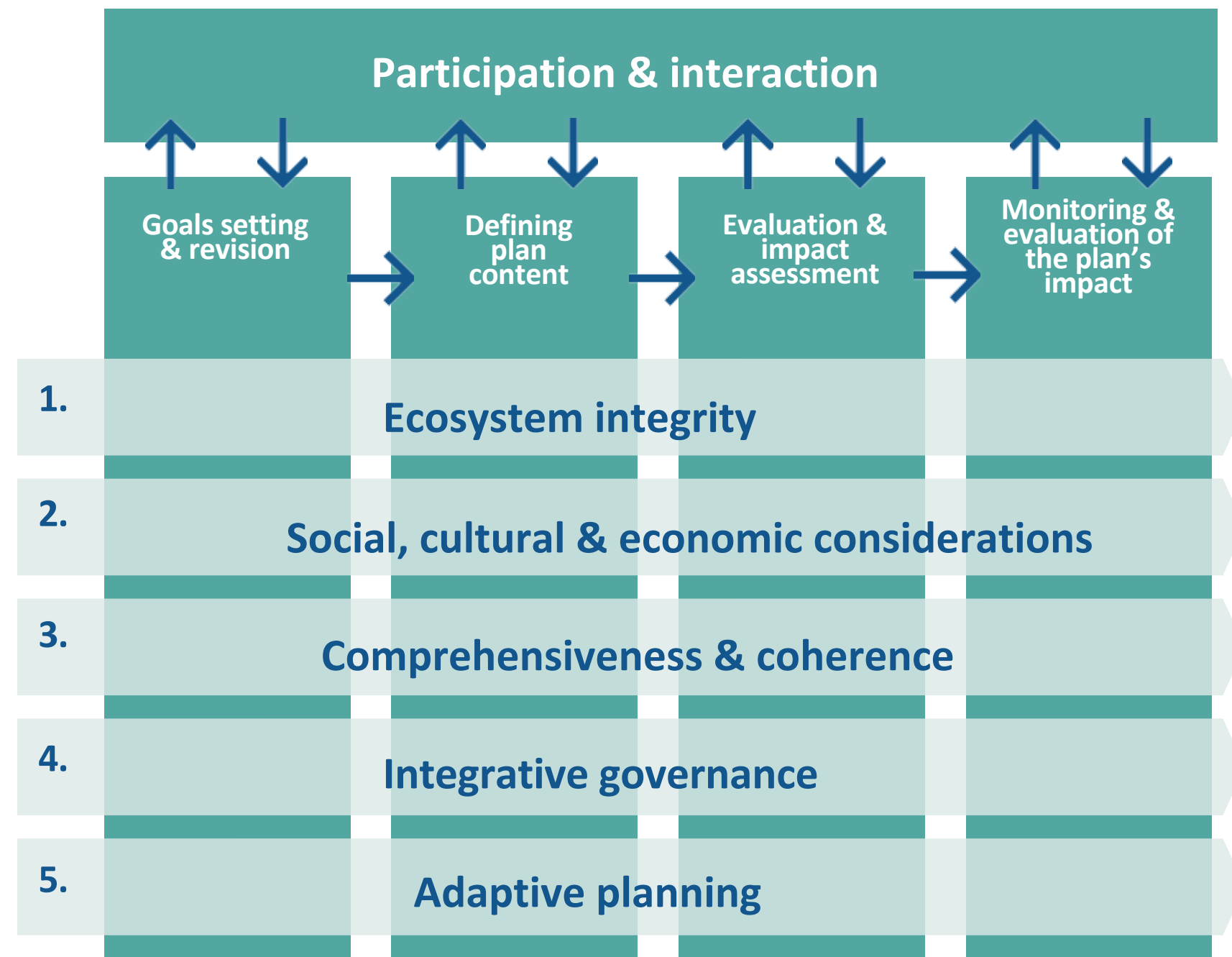
Draft Revised HELCOM-VASAB MSP EBA-guidelines

- Current EBA in MSP guidelines adopted 2016
- Planned revision part of the HELCOM-VASAB MSP WG Regional MSP Roadmap 2021-2030
- Aim to integrate countries experiences of applying EBA in MSP
- Advance a concrete Baltic Sea MSP framework enhancing EBA at all stages of spatial planning processes
- Reflect recent policy development of the EU, Baltic Sea, and the global landscape

Contents

1. Introduction
2. Specifics of spatial planning at sea
3. Definitions of an ecosystem-based approach
4. Policy context for the ecosystem-based approach in MSP.
5. Key elements of the ecosystem-based approach in MSP
6. Available knowledge and data.
7. MSP for increasing climate change resilience.
8. Maritime spatial planning process and the ecosystem-based approach.
- Annex 1. EBA data reference list.

EBA key elements in MSP planning stages



1. Ecosystem Integrity

- Conservation
- Restoration
- Ecological carrying capacity
- Good environmental status
- Relational understanding
- Cumulative effects
- Mitigation measures



2. Social, cultural and economic considerations

- Humans as part of the ecosystem
- Ecosystem services
- Cultural elements

3. Comprehensiveness and coherence

- Comprehensive knowledge
- The precautionary principle
- Land-sea interactions

4. Integrative governance

- Coordination
- Subsidiarity
- Participation
- International cooperation

5. Adaptive planning

- Integrated approach
- Climate change
- Monitoring & evaluation
- Alternative development

Ecosystem-based MSP

To support BSAP objectives and targets and contributing to sustainable sea-based activities (BSAP HT12)

PARTICIPATION

IDEAS ABOUT THE
FUTURE

PLANNING

KNOWLEDGE ABOUT
THE PRESENT

Maritime Spatial Plan

Signal areas of high nature value (BSAP HT13)
Steer sea-based activities away from areas where they can cause serious damage or disturbance (BSAP HT14)

Impact Assessment

Strategic Environmental Assessment



Cumulative Impact Assessment

Ecosystem-based MSP

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Impact Assessment

Strategic Environmental Assessment

Cumulative Impact Assessment

Strategic Environmental Assessment song

Screening - to see if you need to
Scoping - to focus on what
Assessment of significant impacts
Alternatives – do it a lot

Plan integration with
Stakeholder participation
Climate consideration and
Preventive **mitigation**

to avoid some late frustration

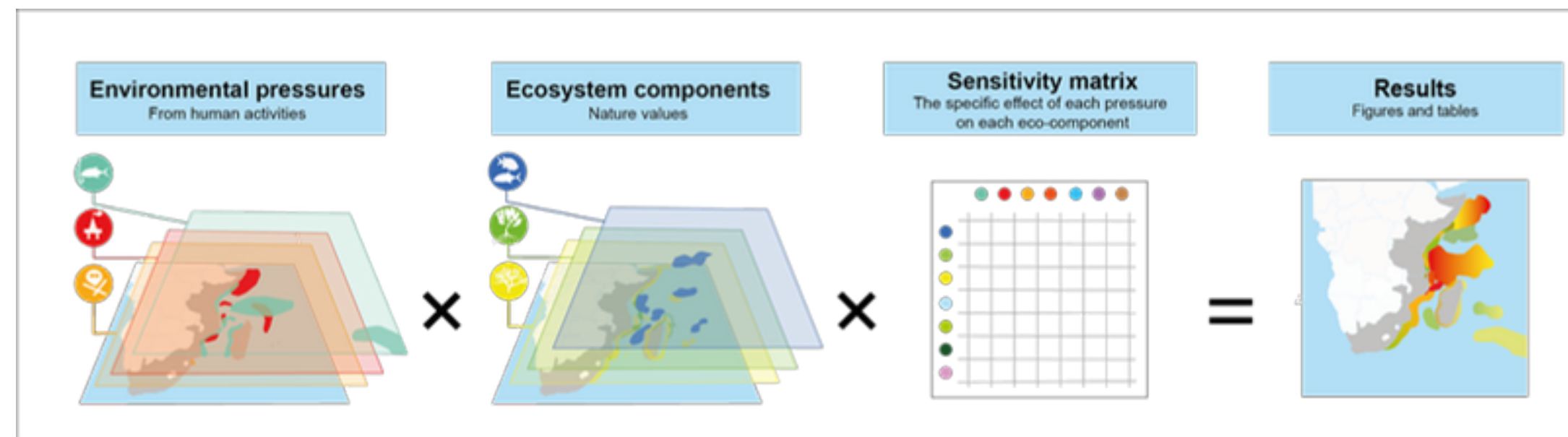


The Cumulative Impact Assessment Song

Impact, impact, impact here.
One, two, three, four, impacts there.
Cumulative assessments are up my
sleeve.
Do you believe, do you believe?

In Cumulative Impact Assessments
Understanding how pressures
affect the
marine ecosystem components
Analysing planning scenarios

In the process of Marine Spatial
Planning
To get a better understanding
of how big and small impacts come to
be.
Do you agree, do you agree?





To sum up One last song...

HELCOM:

I am the powerful raging sea
I am so full of biology
I am the ocean
I came to be
I am so full of life's mystery

VASAB:

I am the human activity
Oh so full of anxiety
I'm an expression
of people's ideas
I am so full of sweat and tears

Everyone:

But the first time I saw you,
I thought it can't be true
You are so wonderful,
I think I love you

HELCOM:

My water was trembling
My species were rich,
It was nothing resembling,
I felt a sudden itch,

VASAB:

Because the say we're too different,
That we don't belong
But it's all about how you do it
So come and sing this song

Everyone:

Cause the first time I saw you,
I thought it can't be true
You are so wonderful,
I think I love you!

VASAB:

Can I sink my foundation,
into your sensation?
Can I sink my fundament,
into your sediment?

HELCOM:

If we had a baby
We could call her HELCOM/VASAB
If we had a baby
We could call her HELCOM/VASAB

Everyone raise ½ note step

Cause the first time I saw you,
I thought it can't be true
You are so wonderful,
I think I love you!

Everyone raise ½ note step again!

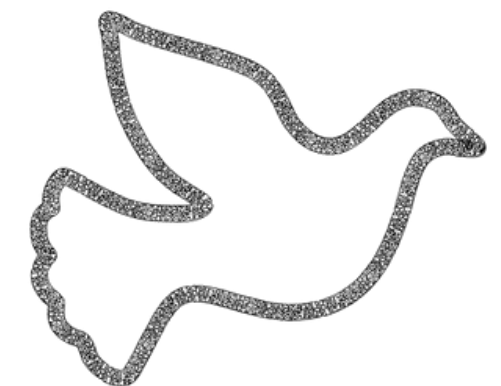
Cause the first time I saw you,
I thought it can't be true
You are so wonderful,
I think I love you!

**The HELCOM
& VASAB
love song
featuring HELCOM,
VASAB
and everyone**

It's all about **how** you
do it, so...

...believe in ecosystem-
based MSP, and..

Listen to your  **GES**





THANK YOU!

Jan Schmidtbauer Crona

Senior analyst, Swedish Agency for Marine and Water Management