



for a living planet®



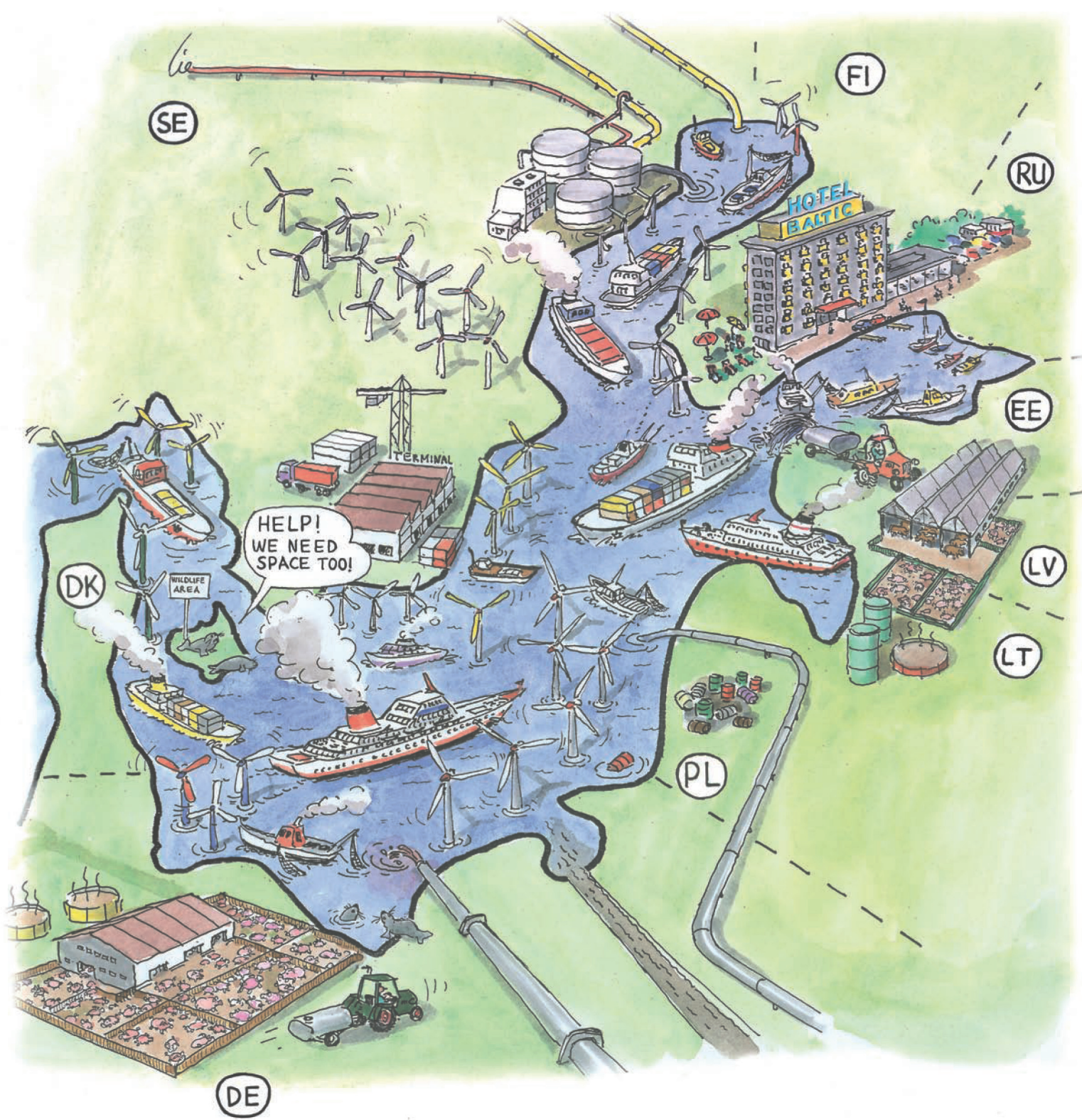
**BECOME A
MARITIME SPATIALIST
WITHIN 10 MINUTES**

**MARITIME SPATIAL
PLANNING IN THE CELTIC SEA**

... IT STARTS WITH CHAOS ...

**SOMETIMES IT SEEMS AS
IF NO ONE LOOKS AFTER
THE CELTIC SEA. IT IS OVERUSED AND UNDER PRESSURE
FROM CUMULATIVE ACTIVITIES.**

**WHO HAS RESPONSIBILITY
FOR MANAGING THESE COMPETING
USES AND PROTECTING ITS
NATURAL RESOURCES ?**



... THE CHAOS GOES ON ...

**SOMETIMES IT ALSO SEEMS
AS IF EVERYONE GOVERNS THE CELTIC SEA.
IT IS A LABYRINTH
OF RULES,
RIGHTS AND RESPONSIBILITIES,
WITH TOO MANY PARTIES
CHASING SECTORAL
AND NATIONAL INTERESTS.**



... AND ON ...

A JUNGLE OF RIGHTS,
POWERS, RESPONSIBILITIES AND NATIONAL
INTERESTS COULD MAKE PROGRESS
IN THE CELTIC SEA
REALLY **SLOOOOOOOOOOW.**

FORTUNATELY,
THERE IS A SOLUTION:
IT'S CALLED
"MARITIME SPATIAL PLANNING" (MSP) .
SOUNDS COMPLICATED AND TECHNICAL,
BUT IN FACT, MSP HAS ALREADY
BEEN USED FOR
THOUSANDS OF YEARS.



SORRY, WE HAVE ELECTIONS NEXT YEAR!

I HAVE BEEN MEETING ON THIS TOPIC SINCE 1980

YOU HAVE TO ASK MY COLLEAGUE, THE FISHERIES MINISTER

HEY, THIS IS THE RESPONSIBILITY OF THE MINISTER FOR AGRICULTURE

WHAT ABOUT OSPAR?

IS THE BELGIUM DELEGATION PRESENT?

WE NEED A COMMISSION TO SORT OUT IF WE NEED A COMMISSION

WE COULD MAKE AN AGENDA 2080, WOULD GIVE US TIME

TO BE HONEST, WHEN IT COMES DOWN TO IT, I AM ONLY CONCERNED WITH MY SECTOR

CELTIC LEADERS

HOW DID WE DO IT BEFORE?

**IF, FOR EXAMPLE,
1.000 YEARS AGO
9 TRIBAL CLANS
WANTED TO USE
THE CELTIC SEA, ?
WHAT DID THEY DO ?**

**OF COURSE, THE FIRST APPROACH
MIGHT HAVE BEEN TO GO TO WAR
WITH EVERYBODY ELSE TO
TRY TO 'OWN' IT.**



BUT WHAT IF THIS WAS NOT AN OPTION?

THE CLANS WOULD PROBABLY UNDERSTAND THAT THEY NEEDED TO SORT IT OUT MORE PEACEFULLY.

WOULD EVERYBODY NEGOTIATE WITH EVERYBODY?

HOW WOULD THEY GO ABOUT IT?

WOULD THERE BE A GIGANTIC AND ARDUOUS DEBATE BETWEEN THOUSANDS OF TRIBAL PEOPLE, DISCUSSING FISHING, PORTS IRRIGATION, HOUSING, TERRITORY, PROTECTED AREAS?

DOES THIS RING A BELL?

DOESN'T IT LOOK A LITTLE LIKE WHAT HAPPENS IN THE CELTIC SEA REGION TODAY?

THIS APPROACH OFTEN LEADS TO EVEN GREATER CHAOS.



What should we
do about this? We
are thinking about the
fact that we have to
do it! But
what is the
point of it?

Why! Why?
Why are you here?
Why are you here?
Why are you here?
Why are you here?
Why are you here?
Why are you here?
Why are you here?

!

!

?

What is the
point of this?
What is the point
of this? What is
the point of this?
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of this? What is
the point of this?

WHAT SHOULD THE TRIBES DO INSTEAD?

**THE CLAN CHIEFS WOULD PROBABLY
TAKE CHARGE OF
NEGOTIATING AN AGREEMENT
ON BEHALF OF, BUT IN
CONSULTATION WITH THEIR CLANS.**

BUT THERE ARE MANY
DIFFERENT WAYS IN WHICH THE SEA
CAN AND WILL BE USED.

CARE MUST ALSO BE TAKEN
TO PROTECT THE **VULNERABLE SPECIES
AND BIODIVERSITY.**



I DON'T WANT OTHERS TO FISH IN MY ZONE

I LIVE BY THE SEA, OF COURSE I WANT A CLEAN AND HEALTHY SEA!

DON'T THROW YOUR GARBAGE INTO OUR SEA !

WE HAVE TO PROTECT THE SACRED PLACES

WE WANT TO TRADE WITH OTHER TRIBES

WE NEED A HARBOUR FOR OUR BOATS

HOW WOULD THEY HAVE SORTED IT OUT?

FIRSTLY, THE TRIBAL CHIEFS WOULD DEFINE COMMON GROUND, GUIDELINES THAT ALL CAN AGREE TO, TO AVOID TRIBES ACTING PURELY IN THEIR OWN INTERESTS.

THE HEALTH OF THE SEA MUST ALWAYS BE SECURED, SO DEMANDS HAVE TO BE ADJUSTED TO ENSURE THEY ARE MET WITHIN THE LIMITS OF THE ECOSYSTEM. TODAY, THIS IS REFERRED TO AS ADOPTING AN "ECOSYSTEM BASED APPROACH".

SECONDLY, THEY WOULD GIVE ALL USERS AND TRIBES A VOICE IN THE DEBATE. IN MARITIME SPATIAL PLANNING TODAY, THIS IS REFERRED TO AS ADOPTING "A PARTICIPATORY APPROACH".

ALL USES MUST BE CONSIDERED AND OPPORTUNITIES MUST BE PROVIDED FOR THESE VOICES TO BE HEARD.

THIRDLY, THEY WOULD DEFINE SEA USE RIGHTS, WHICH TODAY WOULD BE DONE BY "SPATIAL ZONING".

I WANT TO FISH HERE!

BUT YOU HAVE TO STAY OUT
OF OUR SACRED SITE!



HOW SHOULD WE DO IT NOW?

HOW SHOULD WE DO IT NOW

That's how smart leaders sorted it out, back when the problems were comparatively simple and understandable. Nowadays, the number of different uses and their intensity has grown enormously and continues to do so. The good news is that the same methodology applies as much today as it did back then:

- MSP must be a high priority issue (in this case, effective governance at a regional level)
- MSP requires guiding principles (mainly an ecosystem-based approach)
- MSP needs a participatory approach (all uses must be considered, all user groups must be heard and involved)
- A zoning approach is essential

Today's management of the Celtic Sea does not look so very different. However, today there are more people living around the sea and it has been regarded as a free resource to be used by everybody with few restrictions. This has meant that the Celtic Sea has become too small to meet all the demands for space.

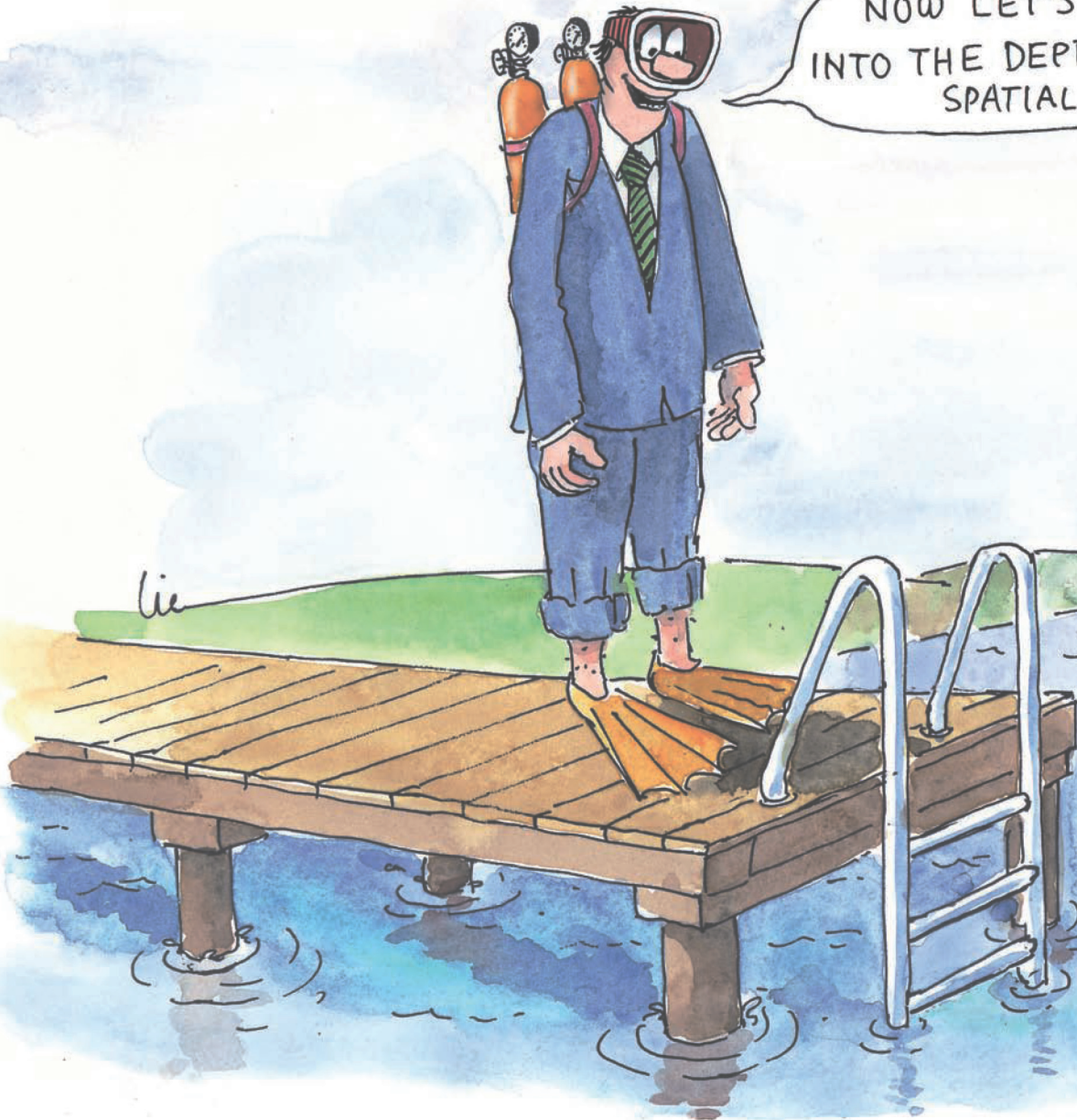
On land, we use spatial planning to solve these problems. There are many restrictions on the use of land, which are no longer recognised as limitations because life on land would not be possible without them.

When we have a growing need to use the sea for shipping, offshore wind farms, fisheries and nature conservation, we need a similar spatial planning system for managing these uses. The Celtic Sea is a sea shared by multiple countries, with different languages and different systems of governance. We need a tool to sort out the sometimes conflicting uses – Happily, Maritime Spatial Planning offers us this very tool.

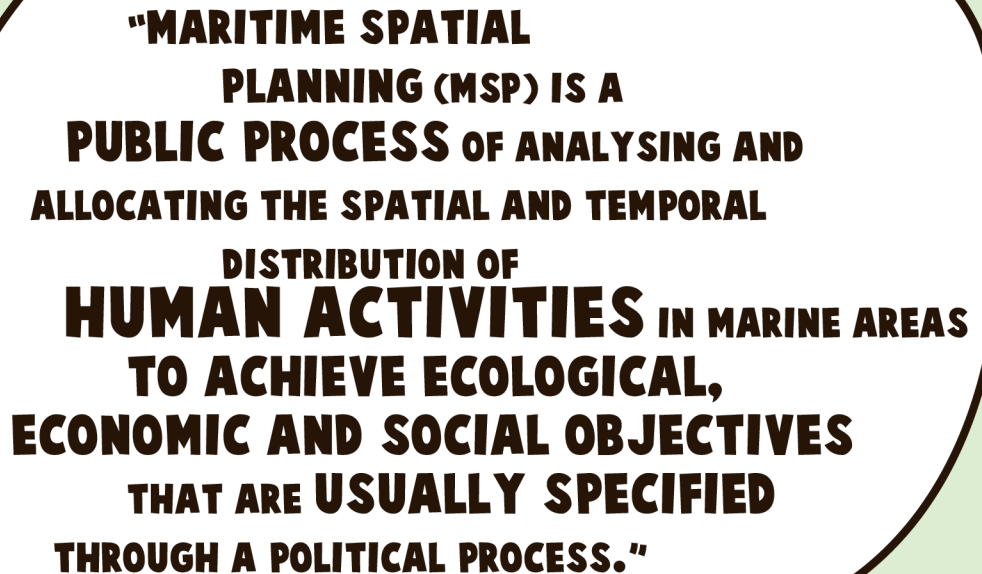
BUT HOW DOES IT WORK?

Maritime Spatial Planning is the tool that can help sort out complex challenges on a crowded planet. Maritime Spatial Planning sounds awfully complicated, but in fact it isn't ...

NOW LET'S DIVE
INTO THE DEPTH OF MARITIME
SPATIAL PLANNING!



THE UNESCO DEFINES MARITIME SPATIAL PLANNING AS:



**"MARITIME SPATIAL
PLANNING (MSP) IS A
PUBLIC PROCESS OF ANALYSING AND
ALLOCATING THE SPATIAL AND TEMPORAL
DISTRIBUTION OF
HUMAN ACTIVITIES IN MARINE AREAS
TO ACHIEVE ECOLOGICAL,
ECONOMIC AND SOCIAL OBJECTIVES
THAT ARE USUALLY SPECIFIED
THROUGH A POLITICAL PROCESS."**

MSP can be described as a multi-step process of:

- developing a joint vision,
- assessing the capacity of a sea area as well as identifying the potential users of the sea,
- defining areas that fit best to the corresponding uses, and
- defining what is allowed and what has to be restricted to keep the sea area healthy and productive in the long term.

The final product will be a plan which should have a legal obligation to comply with. After a certain period such a plan has to be reviewed – and updated to take account of changes that may have occurred.

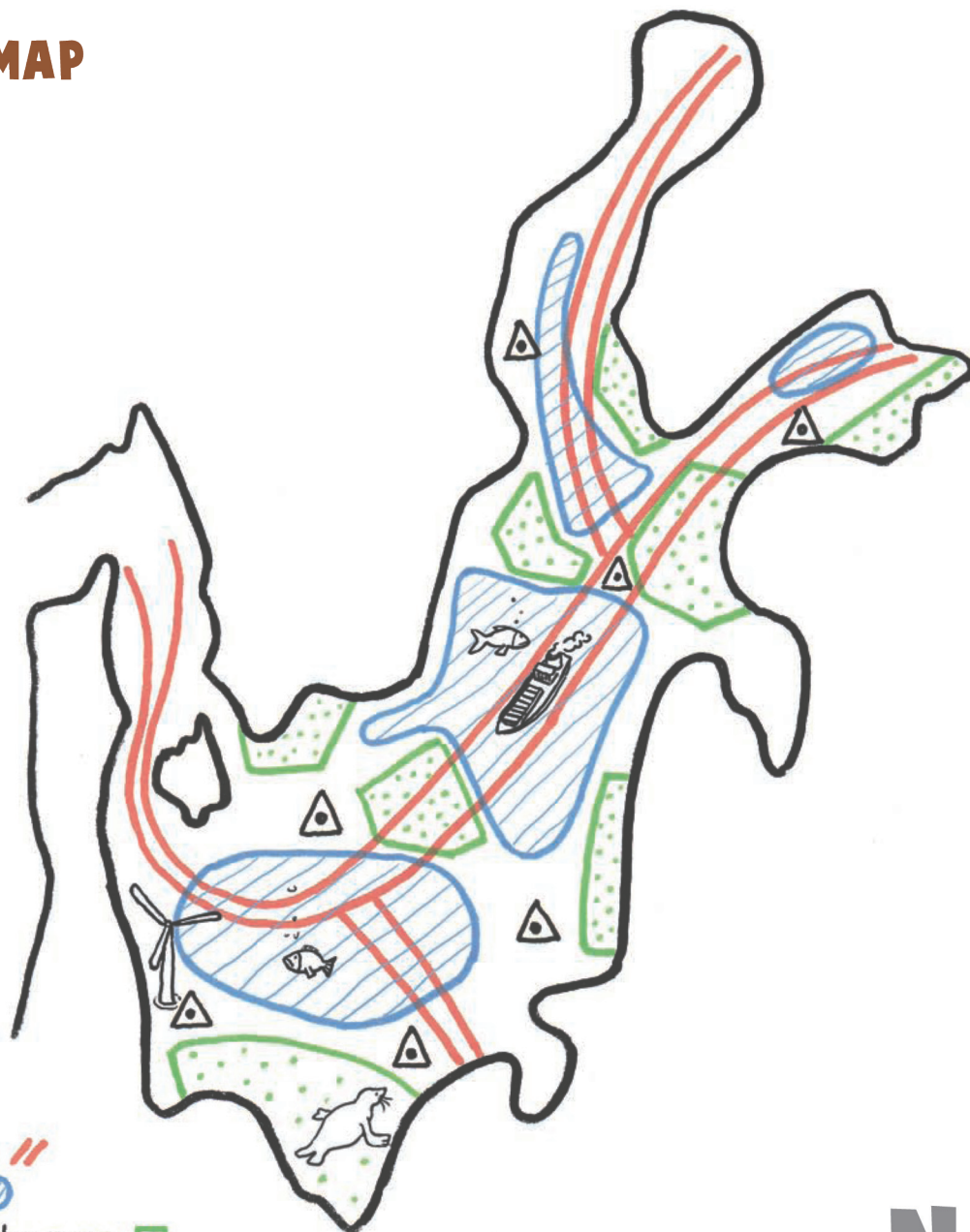
Maritime Spatial Planning in 6 steps:

- 1.** Start the process by assessing the need and will to undergo an MSP process based on a vision, planning principles and a defined legal framework and strategies.
- 2.** Undertake initial stocktaking and systematic assessments of suitable areas for relevant sea uses.
- 3.** Find out compatibilities and conflicts of claims for use in an interactive process with stakeholders and based on sound mapping and analysis.
- 4.** Draft a maritime spatial plan with zoning of areas for specific uses or objectives – discuss the draft plan including detailed regulations for the zones with stakeholders.
- 5.** Produce a final Maritime Spatial Zoning Plan including regulations for Management and Monitoring and obtain final stakeholder comments.
- 6.** Adopt the plan and organise implementation and monitoring.

WHAT IT COULD LOOK LIKE (1)

**IN A SUITABILITY MAP,
THE SEA AREAS ARE MAPPED AND CLASSIFIED
ACCORDING TO THEIR SUITABILITY FOR CERTAIN
USES BASED ON THE BEST SCIENTIFIC
AND STAKEHOLDER KNOWLEDGE,
INCLUDING AREAS IMPORTANT FOR
THE FISH GROWTH AND REPRODUCTION,
AREAS WITH GOOD CONDITIONS FOR
OFFSHORE WIND FARMS,
IDEAL SHIPPING ROUTES, AREAS THAT
SECURE HEALTHY BIODIVERSITY,
ROUTES WHERE CABLES AND PIPELINES
CAN BE PLACED SECURELY,
AREAS WITH RESOURCES LIKE MINERALS,
OIL OR OTHERS ...**

BALTIC SEA SUITABILITY MAP



Legend

Best shipping route //

Fish distribution ●

Valuable biodiversity area ■

Priority areas suitable for windfarms ▲



WHAT IT COULD LOOK LIKE (2)

**ON A SECOND MAP,
EXISTING AND SOMETIMES
OVERLAPPING OR CONFLICTING
USES AND INTERESTS ARE
DISPLAYED.**

**IT BECOMES OBVIOUS WHERE CONFLICTS ARISE
AND WHERE SOLUTIONS
MUST BE NEGOTIATED AND DECIDED.**

THE MAP ONLY ILLUSTRATES THE
CONFLICTS - THE SOLUTIONS WILL HAVE
TO BE FOUND FOLLOWING THE AGREED GOALS,
PRINCIPLES AND PRIORITIES.

**THIS HAPPENS THROUGH A PROCESS OF
INVOLVING AUTHORITIES, STAKEHOLDERS
AND INTEREST GROUPS TO ESTABLISH A FORMAL
SET OF REGULATIONS FOR ALL USES.**

BALTIC SEA USES & CONFLICT MAP



Legend

- Shipping route //
- Fishing site ●
- Biodiversity site ■
- Wind power area ▲
- Conflict area/zone ⚡



THE ULTIMATE GOAL

**SHOULD BE A MARITIME SPATIAL
ZONING PLAN THAT IDENTIFIES AND MANAGES
CURRENT AND FUTURE SEA USES IN A
WAY THAT BEST MEETS THE PRIORITIES AND
GOALS SET BY
THE PARTICIPANTS.**

THE PLAN SHOULD BE

**ADOPTED BY A FORMAL
POLITICAL DECISION AND SUPPORTED
BY THE DEVELOPMENT OF MANAGEMENT
STRUCTURES THAT DELIVER
IMPLEMENTATION AND MONITORING,
AS WELL AS MANAGING AND GRANTING
ANY NECESSARY PERMITS AND
RESTRICTIONS FOR CERTAIN USES IN EACH AREA.
AS A RESULT, THE PLAN WILL BE
THE GUIDING DOCUMENT FOR FUTURE
DEVELOPMENT AND MANAGEMENT
OF THE SEA.**

BALTIC SEA MARITIME SPATIAL ZONING PLAN

Legend

Shipping route //
Fishing site ●
Biodiversity site ■
Windpower ▲

○ General Use Zone
● Priority Use Zone
● Exclusive Use Zone



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