

We Value Nature

Virtual Office Hour call

27 February 2020



What is a Virtual Office Hour call & how does it work?

A Virtual Office Hour call offers you a **dedicated time and space to ask questions and have group discussions.**

The aim is to:

- Be a supporting & participatory platform,
- Share your experiences and learn from others,
- Develop an FAQ.



VIRTUAL OFFICE HOUR

A few “house rules”



Put yourself on mute when not taking part in discussions.



But please do feel free to use your camera even when not speaking.



Contribute and share your experiences – we can all learn from one another!



We will be using some polling as well as a live google document.

Are you ready?

We hope you've got some questions and experiences ready to share but just in case, here's a reminder of our topics so you can start thinking about them...

**Natural capital
put into practice**
**Case study from
EDP**



**Training
resources
& tools**

**Discover
our new
page!**

**What resources
& experiences
can YOU
share?**

Agenda



Introduction to We Value Nature

- Brief presentation of the We Value Nature Campaign



Natural capital put into practice

- Ask your questions and share your experience with others



Training tools & resources

- Let us know about any resources you would like to share with us



Checking-out & engagement opportunities

- Check-out Q.
- Getting started
- Further engagement



Open for group discussion

Who is your support team for today?



Katia Bonga



Francesca
Jaworska



Nadine
McCormick



Paul Mahony



Jorge Mayer



Check-in question – who are you?



- **Please tell us more about you by sharing your:**
 - Name
 - Role
 - Organization
 - What are you most curious to learn about from today's case study

We Value Nature Campaign

We Value Nature is a campaign **supporting businesses** and the **natural capital community** to make **valuing nature the new normal** for business across Europe, by:

1. Sharing **research, resources & best practices**;
2. Identifying **barriers & opportunities** for adopting a natural capital approach;
3. **Providing practical support** to help business improve their risk management, communication & stakeholder engagement;
4. Reinforcing & boosting the work of the **Natural Capital Coalition**.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 821303



Where do you
situate yourself on
the natural capital
journey?

Natural capital put into practice

- A Case Study
presentation from
EDP





We Value Nature

Case study presentation of “RESULTS OF THE FIRE HAZARD REDUCTION PLAN IN THE SABOR RIVER VALLEY”

Webinar, 27th Feb 2020





1. Context – Where did it all start?



2. Impact mitigation – How?



3. Impact mitigation – Where? (Challenges & barriers)



4. Let's find a strategy (Key stakeholders / enablers in the process)



5. To action – And now...? (Solution(s), activities)

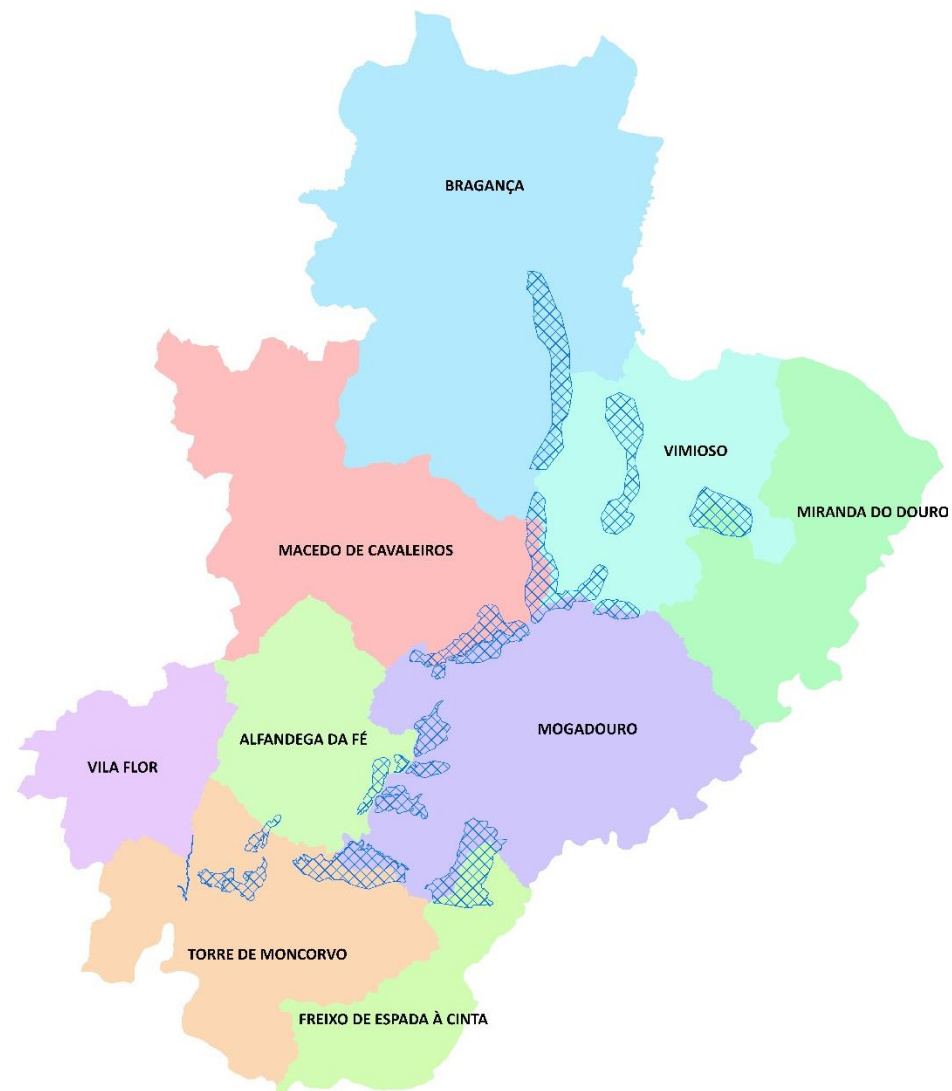
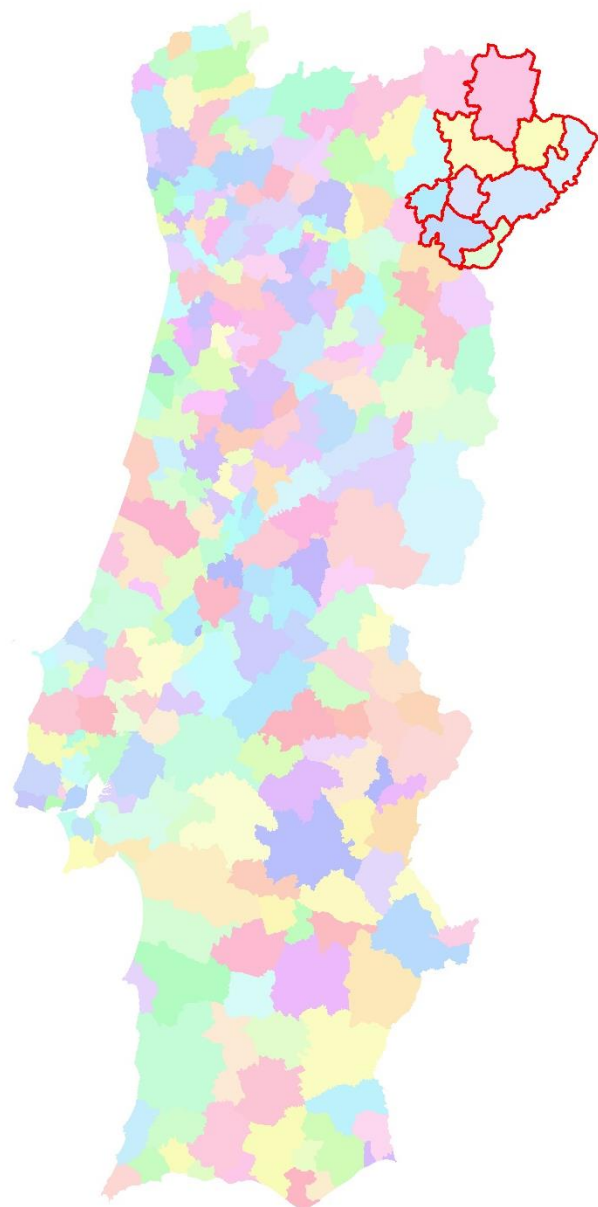


6. Where are we today? (Solution(s), activities)

Impact mitigation – Where?



Sempre presente.
Sempre futuro.



1. Context – Where did it all started? (Challenges & barriers)



Sempre presente.
Sempre futuro.



Located in the Northeast of Portugal.
EU and national authorities approve Baixo Sabor Hydroelectric Power project implementation in 2008.

Baixo Sabor main reservoir is located in **Natura 2000 site “Rios Sabor e Maçãs” (PTCON0021).**

Compensate environmental impacts by maintaining the **integrity and coherence** of that **Natura 2000 site.**



Let's find a strategy



Sempre presente.
Sempre futuro.



PROBLEMS TO ADDRESS:



A large variety of actions to implement



In an extensive geographic area



Heterogenous and complex activities to put in place



Huge number of agents to involve



A very tight schedule to follow



A commitment for 75 years



Let's find a strategy



Sempre presente.
Sempre futuro.



ASSUMPTIONS TO TAKE IN ACCOUNT:



EDP organization culture



Long term sustainability



Benefits to biodiversity



Knowledge production



Greater local involvement



Proximity to the territory



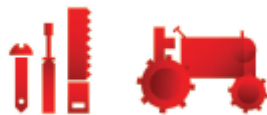
Let's find a strategy



Sempre presente.
Sempre futuro.



TWO POSSIBLE STRATEGIES:



~~We could purchase land
and hire companies to
implement the program.~~

VS.



We could build a
partnership with
local communities



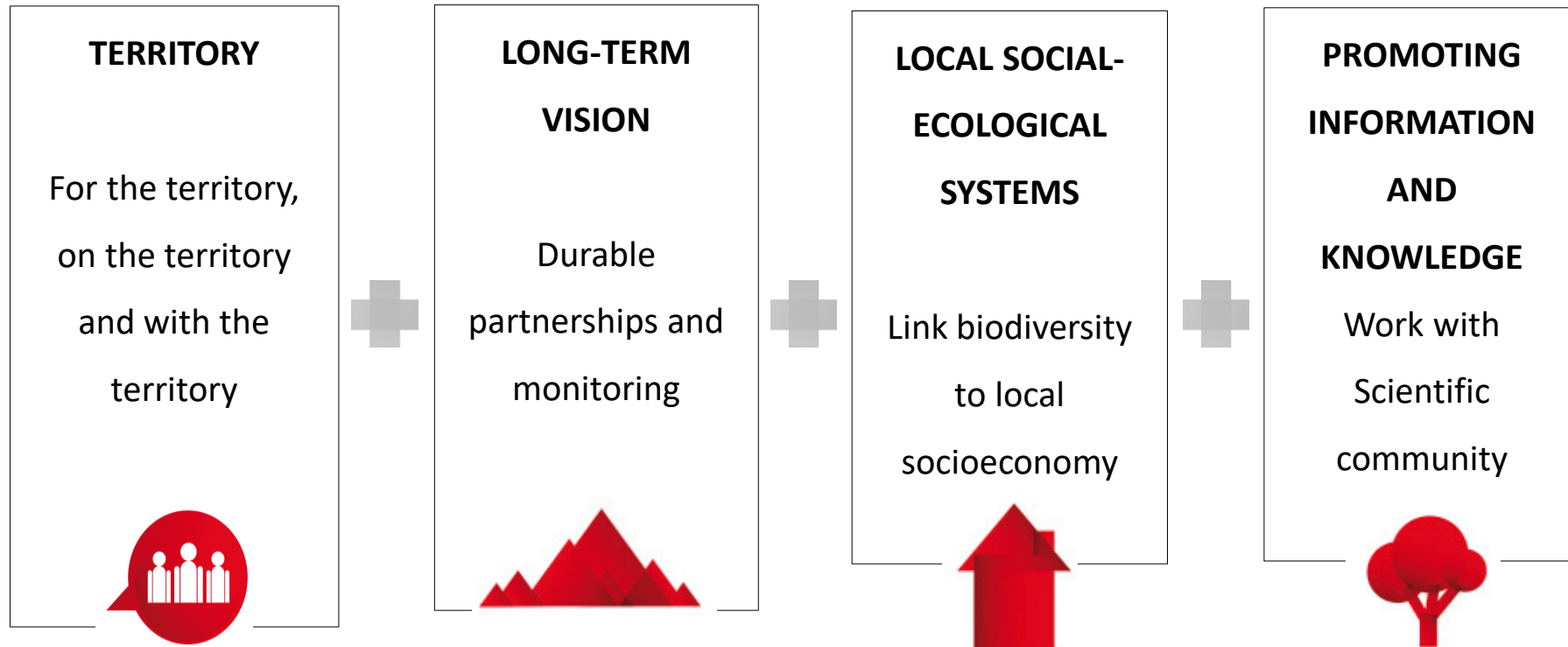
To action – And now...?



Sempre presente.
Sempre futuro.



WHAT VECTORS GUIDED US?



To action – And now...?



Sempre presente.
Sempre futuro.



WHAT'S OUR VISION?

**«A Biodiversity Conservation Plan
Assumed as a Rural Development
Plan»**



Where are we today?



Sempre presente.
Sempre futuro.



We created a long term partnership with three local NGO's.

They became our core partners.

Together they created a new agent in the territory.



+



+



=



Nordeste

Grupo para a Promoção
do Desenvolvimento
Sustentável



CASE STUDY

Sabor River Fire Hazard Reduction Plan (FHRP) (Environmental Compensatory Measure to AHBS - MC4.3)

Main goals:

- Environmental compensation for AHBS impact on natural habitats protected by Directive 92/43 / EEC;
- Increased level of protection and recovery of other remaining plant formations on the slopes of the Sabor River;
- Protection and preservation measure for other environmental mitigation measures against forest fires

Where are we today?



Sempre presente.
Sempre futuro.



Plant communities, included in the Council Habitats Directive 92/43 / EEC of 21 May 1992 on the conservation of natural habitats and wild fauna and flora affected by AHBS



“9560* - *JUNIPERUS* SPP ENDEMIC FORESTS (Priority habitat)”

“5210- TREE SHRUBS FROM *JUNIPERUS* SPP”



Where are we today?



Sempre presente.
Sempre futuro.



ALDER AND ASH FORESTS: "91E0*- *ALNUS GLUTINOSA* AND *FRAXINUS EXCELSIOR* ALUVIAL FORESTS" (PRIORITY HABITAT)



CORK OAKS: "9330- *QUERCUS SUBER* FORESTS"



HOLM OAKS: "9340- FLORESTAS DE *QUERCUS ILEX* E *QUERCUS ROTUNDIFOLIA*"



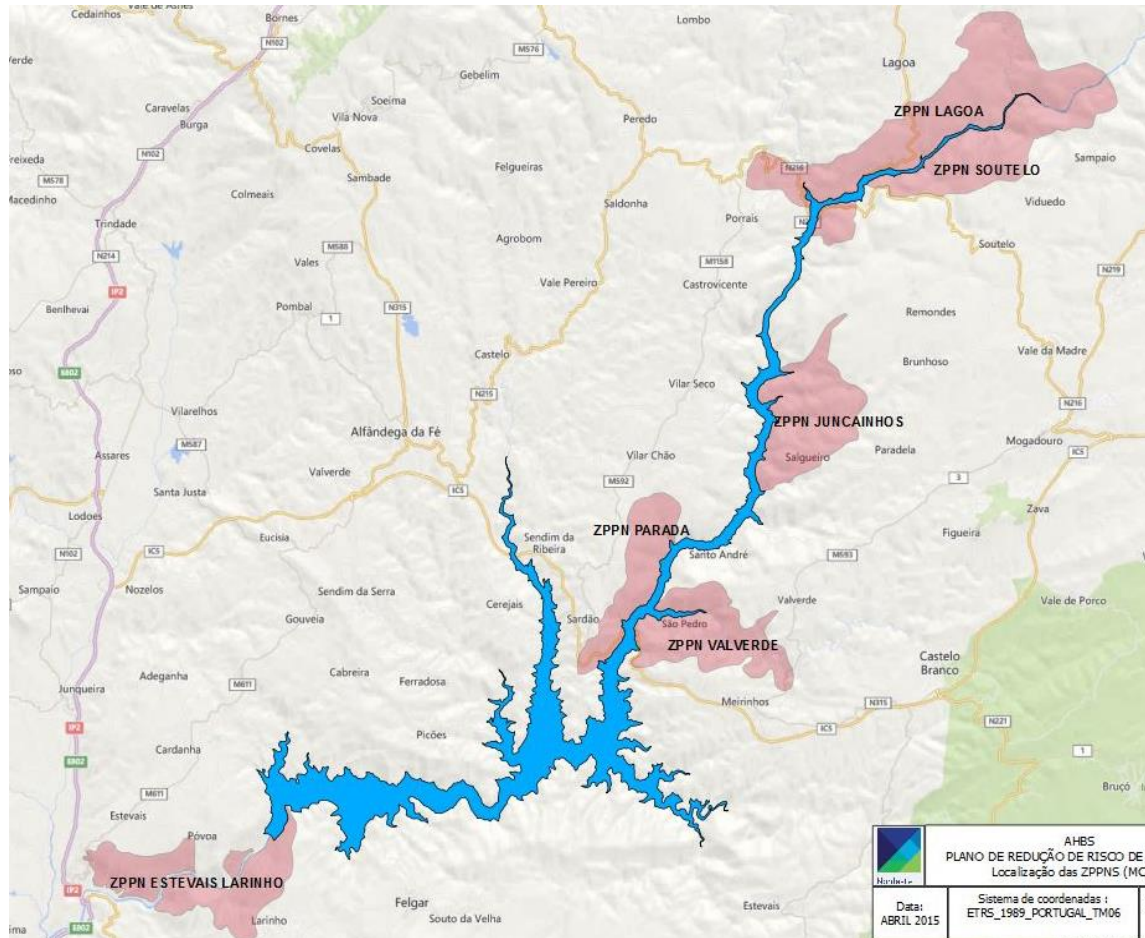
Where are we today?



Sempre presente.
Sempre futuro.



For the implementation of the FHRP, 6 intervention areas were selected - Natural Heritage Protection Zones (NHPZ)



6 NHPZ: Lagoa, Soutelo, Juncainhos, Valverde, Parada e Estevais/Larinho;

4 concelhos: Macedo Cavaleiros, Mogadouro, Alfandega da Fé e Torre de Moncorvo;

12 freguesias: Lagoa, Talhas, Castro Vicente, Azinhoso, Soutelo/Remondes, Brunhoso, Pardela, Mogadouro/Valverde, Meirinhos, Parada, Adeganha/Cardanha e Larinho;

Area covered: 6560 ha, where 1967 ha (30%) are priority habitats for nature conservation



Where are we today?



Sempre presente.
Sempre futuro.



FHRP STRATEGIC DEVELOPMENT LINES:

1- FOREST FIRE PROTECTION INFRASTRUCTURE IMPROVEMENT / CREATION ;

2- FOREST FUEL MANAGEMENT (BANDS AND MOSAICS);

3- FIRE SURVEILLANCE, ANNUALLY DURING THE MOST CRITICAL PERIODS (JULY TO SEPTEMBER)

4- DISSEMINATION, INTERACTION AND COLLABORATION WITH LOCAL AND NATIONAL AUTHORITIES INVOLVED IN FOREST FIRE PREVENTION AND CONTROL



Where are we today?



Sempre presente.
Sempre futuro.



1- FOREST FIRE PROTECTION INFRASTRUCTURE IMPROVEMENT / CREATION ;

IMPROVEMENT OF THE FUNDAMENTAL FOREST ROAD NETWORK (175 KM)

For faster access by firefighting teams (Firefighters)



Where are we today?



Sempre presente.
Sempre futuro.



IMPROVEMENT OF THE FUNDAMENTAL FOREST ROAD NETWORK

Creation of 35 turning zones and 50 intersection zones for firefighting vehicles



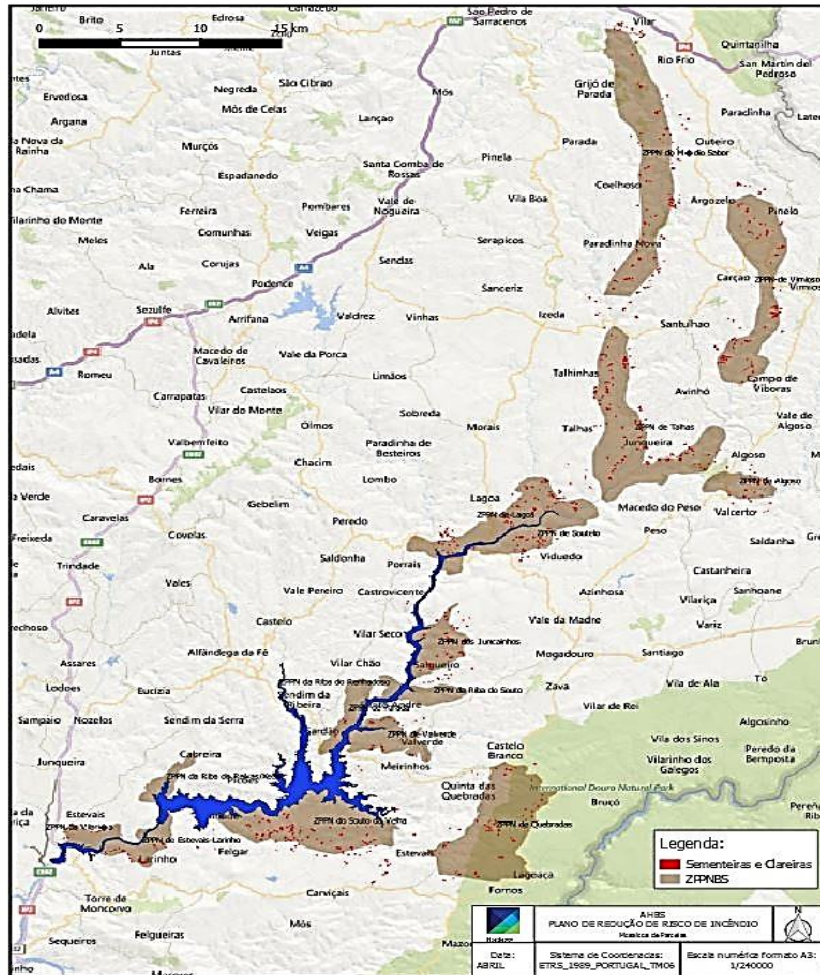
Where are we today?



Sempre presente.
Sempre futuro.



2-FOREST FUEL MANAGEMENT (MOSAICS); PROMOTION OF FOREST FUEL DISCONTINUITIES (FOREST MOSAICS)



Creation of forest clearings and fauna crops - wheat with lentils (600 plots, resulting from 30 protocols, established with hunting zone management entities.)



Where are we today?



Sempre presente.
Sempre futuro.



2 - FOREST FUEL MANAGEMENT (MANAGEMENT BANDS);

CREATION OF FOREST FUEL MANAGEMENT BANDS (FMB)

Intervention in 1100 ha, in 800 parcels of private owners, protecting a territory of over 6560 ha. For each hectare of intervention we protect another 6 hectares.



Techniques used in the execution of FMB



Where are we today?

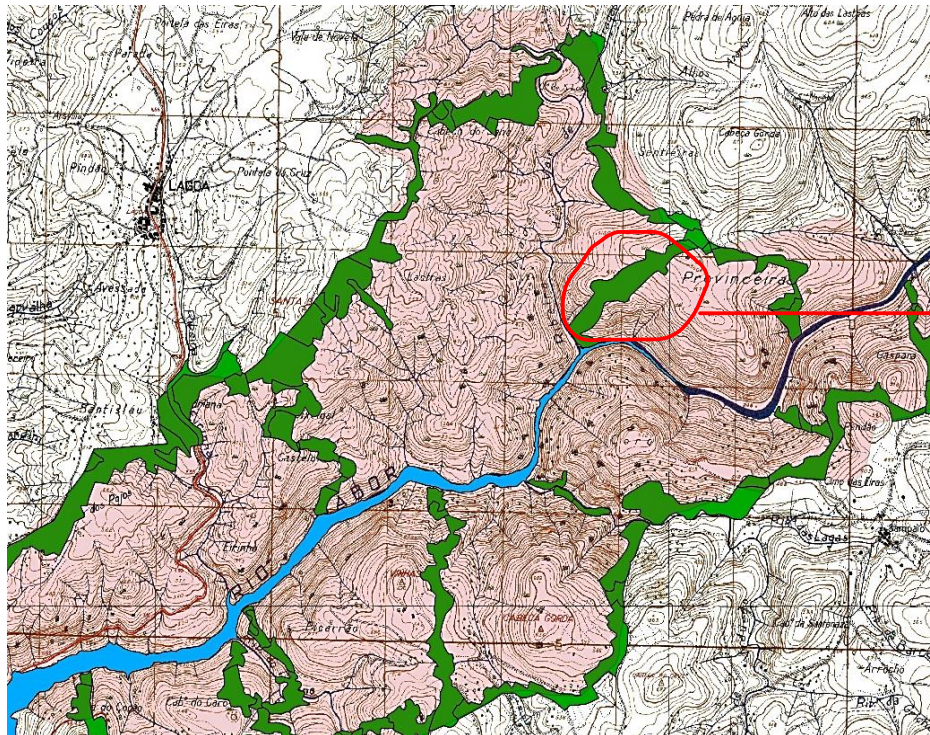


Sempre presente.
Sempre futuro.



2 - Forest fuel management (management bands);

6 FOREST FUEL MANAGEMENT BANDS, LOCATED AROUND NATURAL HERITAGE PROTECTION ZONES, SET UP TO PROTECT AGAINST FOREST FIRES



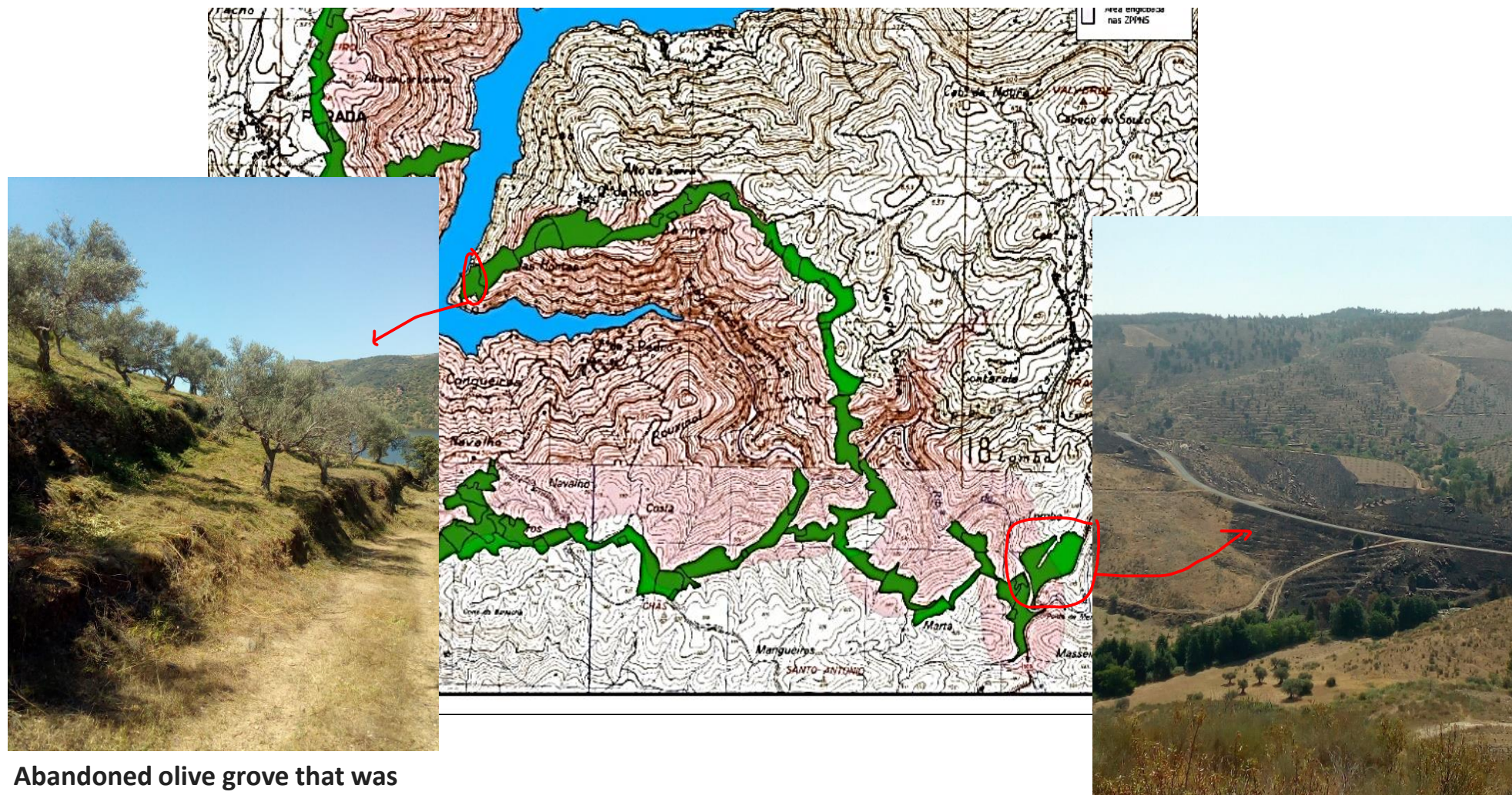
FMB de Lagoa - Macedo de Cavaleiros



Where are we today?



Sempre presente.
Sempre futuro.



Abandoned olive grove that was recovered to include “Valverde FMB”

Forest fire extinguished within FMB



Where are we today?

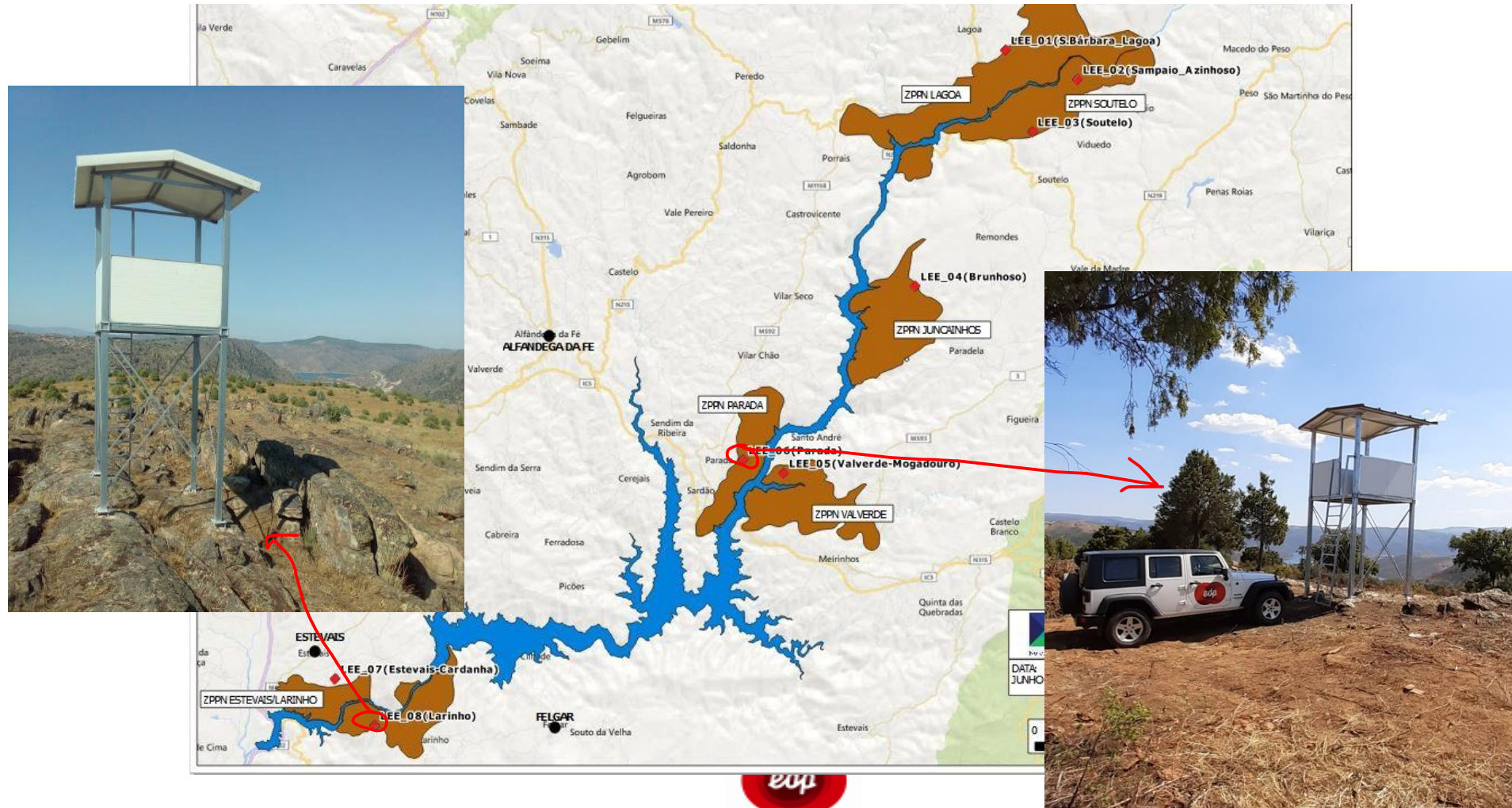


Sempre presente.
Sempre futuro.



3 - FIRE SURVEILLANCE, ANNUALLY DURING THE MOST CRITICAL PERIODS (JULY TO SEPTEMBER)

Creation of 7 strategic points for rapid detection of forest fires throughout the Sabor River valley



Where are we today?



Sempre presente.
Sempre futuro.



3 - FIRE SURVEILLANCE, ANNUALLY DURING THE MOST CRITICAL PERIODS (JULY TO SEPTEMBER)

4 surveillance teams.

1 capable of combating forest fires and 3 others for surveillance purposes only. Equipped with equipment for direct communication with the national forest fire fighting structure.

A total of 12 people involved



Where are we today?



Sempre presente.
Sempre futuro.



4 – COMMUNICATION, DISSEMINATION, INTERACTION AND COLLABORATION WITH LOCAL AND NATIONAL AUTHORITIES INVOLVED IN FOREST FIRE PREVENTION AND CONTROL



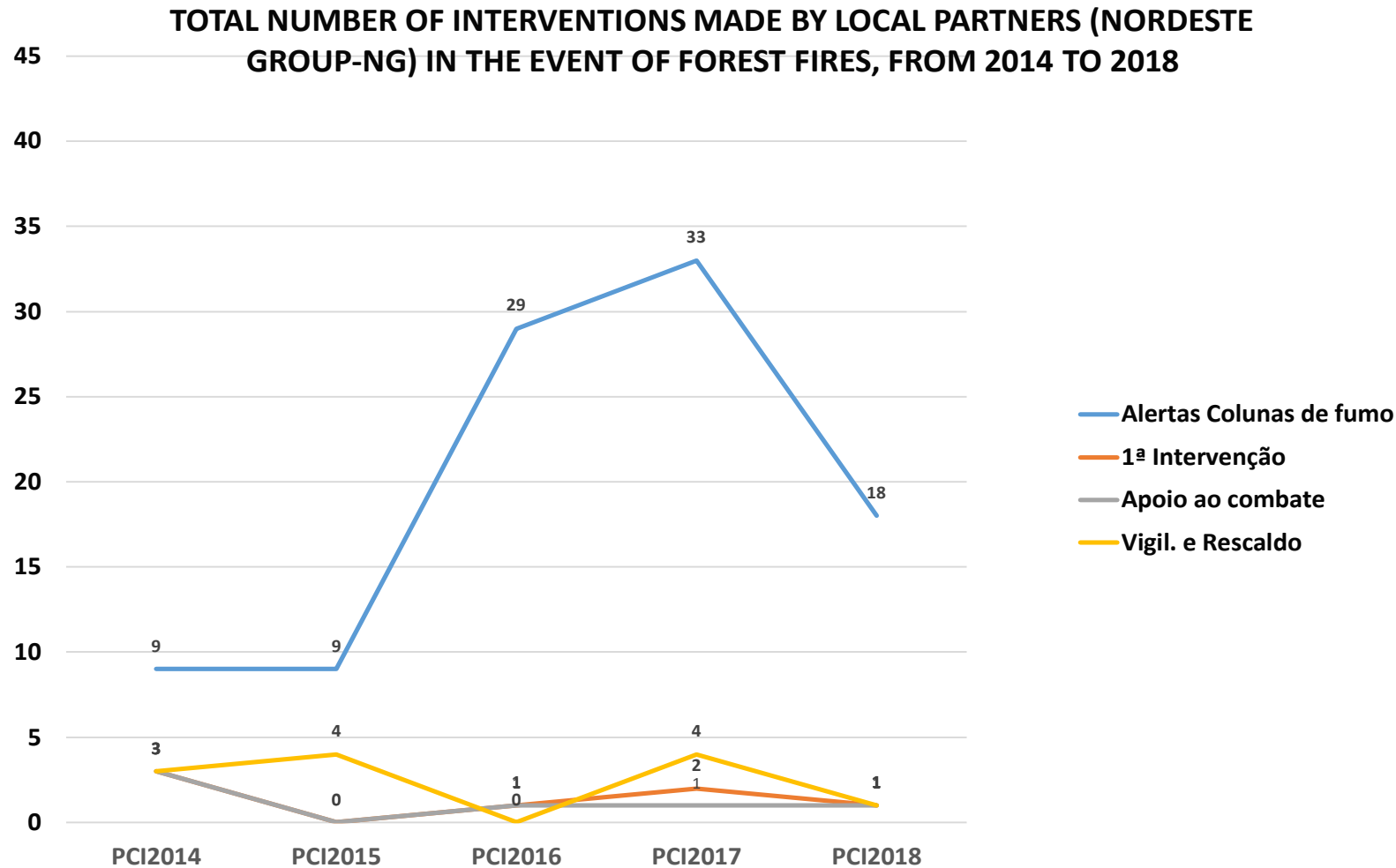
Where are we today?



Sempre presente.
Sempre futuro.



RESULTS



Where are we today?

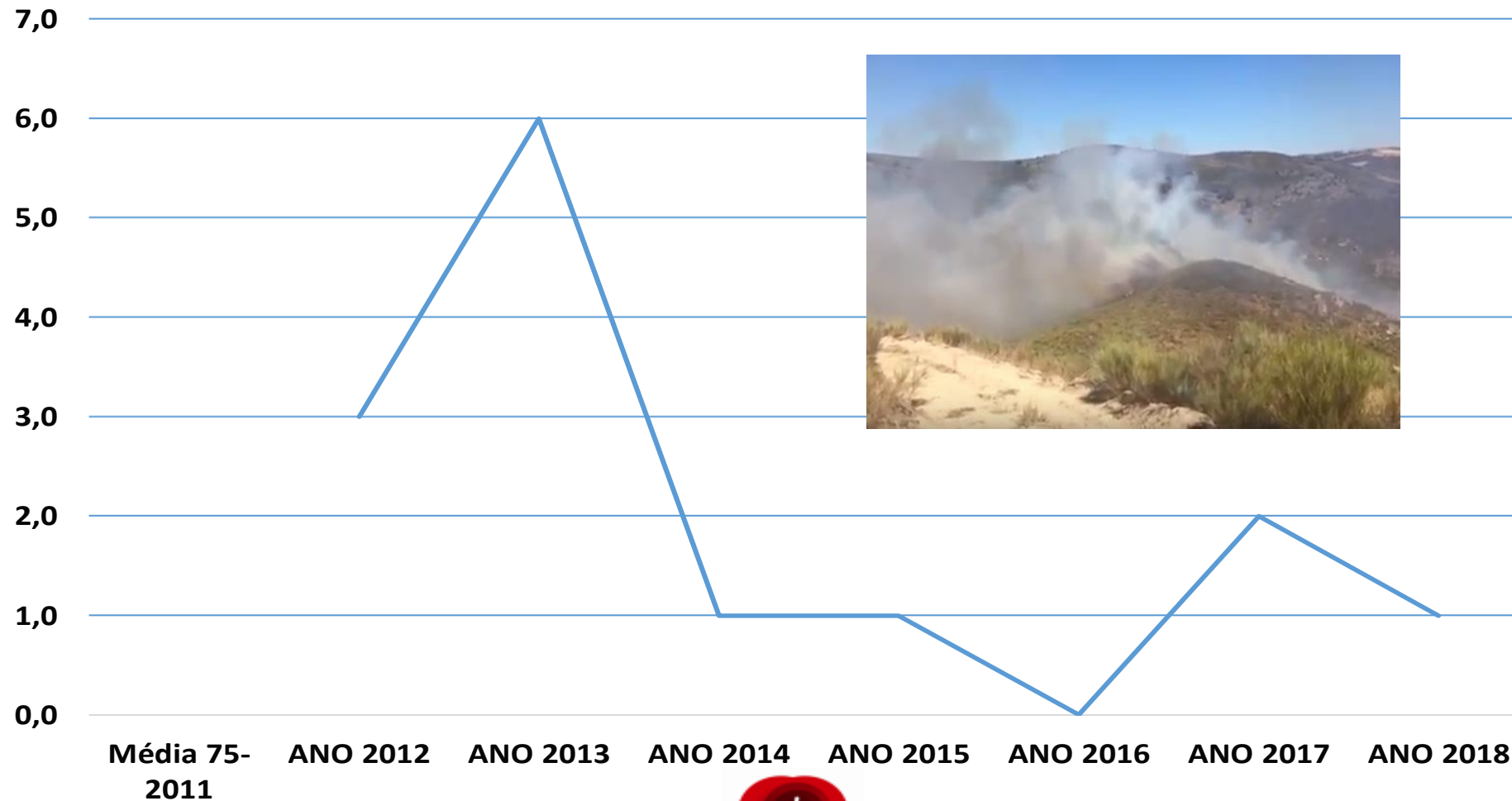


Sempre presente.
Sempre futuro.



RESULTS

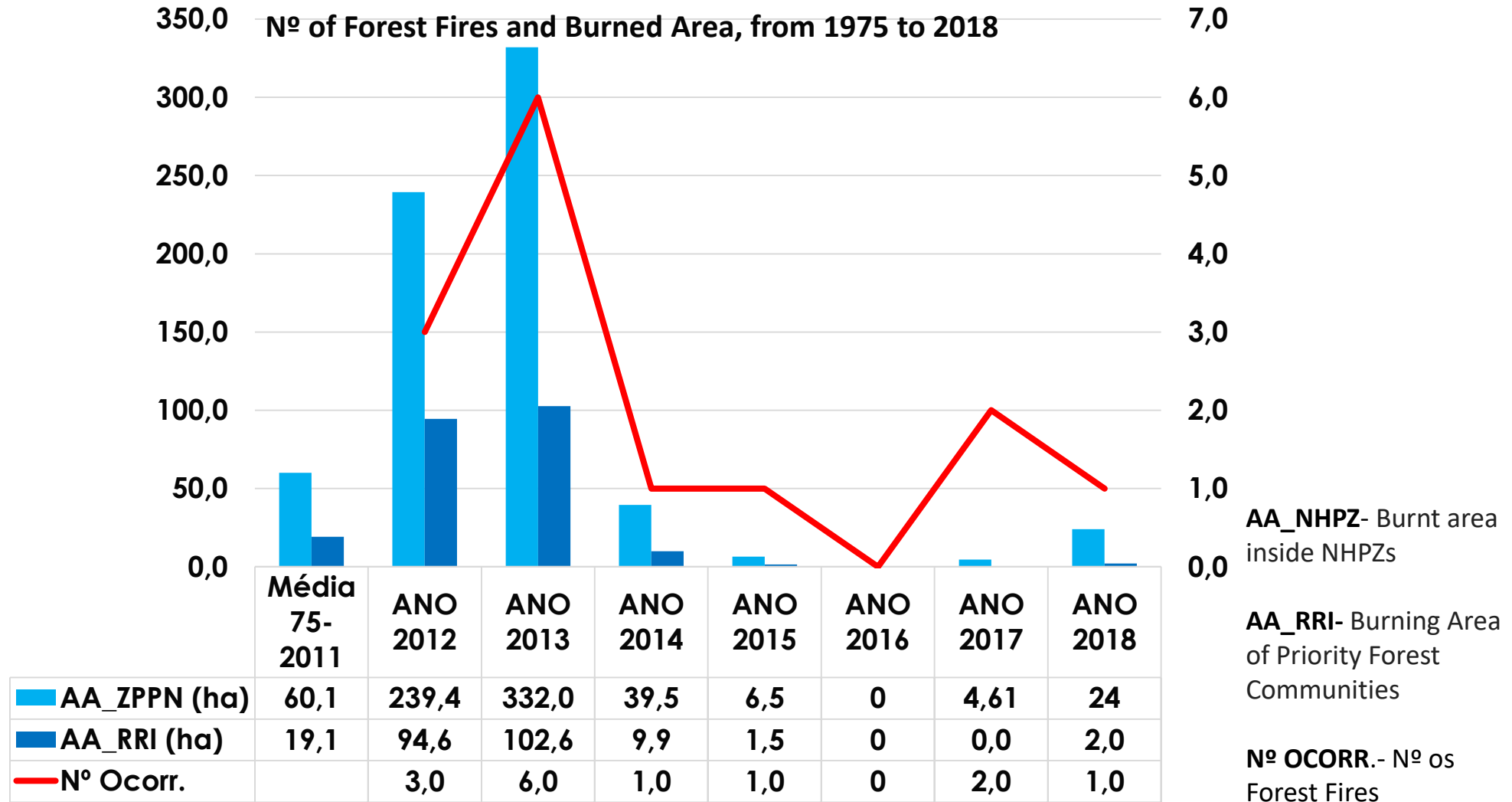
TOTAL NUMBER OF FOREST FIRES CAUSING DAMAGE WITHIN THE NHPZ



Where are we today?



Sempre presente.
Sempre futuro.



Where are we today?



Sempre presente.
Sempre futuro.



Before FHRP starts

Average burned area within NHPZs

210 ha

Average burned area of priority
forest communities within NHPZs

72 ha

Average number of forest fires
within NHPZs

4,5

From 2014 to 2018

Average annual area
burned within NHPZs

14 ha

Average annual burned area
of priority forest
communities within NHPZs

2,68 ha

Average number of fires
within NHPZs

1



Challenges in FHRP implementation



Sempre presente.
Sempre futuro.



- **Identification** and contact all owners with plots within FMB (800 plots in total) ;
- Very complicated technical execution of FMB due to **high slope** areas
- Difficulty in obtaining permission from the owners to perform bush clearing operations (**distrust**);
- Difficulty in maintaining good FMB conditions, given the local difficulty in obtaining availability of **skilled labor** and the already high workload of local partners;
- Challenges in including the FHRP in the Municipal Forest Fire Protection Plans due to its **less conventional structure and action** (Ex: surveillance / firefighting teams; FMB with only clearing vegetation and including farmland / Bands created in continuous forest areas using heavy machinery and with exposure of mineral soil;
- Some initial **lack of confidence** by local authorities about the effectiveness of the actions.

The Plan

- Fire hazard mitigation plan protects around 6.560 ha
- Active management of 1.000 ha
- Anual investment 145.000€
- Excellence recognition by State authorities (ICNF and CDOS-Fire Brigades)
- Indirect protection of environmental measures of Baixo Sabor Project
- Local Partnerships, closer to the field, lower costs

Results Summary (2012-2013 vs 2018)

- 78% decrease of in ignitions
- 86% decrease in high value habitats (13,4 ha burned since 2014 vs 1975-2011)
- Burned area decrease from 103 ha of high value habitats (2013) to 0 ha in 2016 and 2017, and 2 ha in 2018.
- 122 interventions by plan's operational teams

CONTACTS



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Área
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915 238 355





Sempre presente.
Sempre futuro.



THANK YOU!



How does this resonate with your experience?

- What questions do you have?
- Any barriers or challenges you heard from the presentation that you are also facing? How have you dealt with them?
- What lessons from this example can you apply to increase the uptake of natural capital approaches in your company or organisation?



If you think your experience can help someone on the call – please share!

Photo by [Gary Bendig](#) on [Unsplash](#)

Launch of We Value Nature's training resources page



We Value Nature training resources

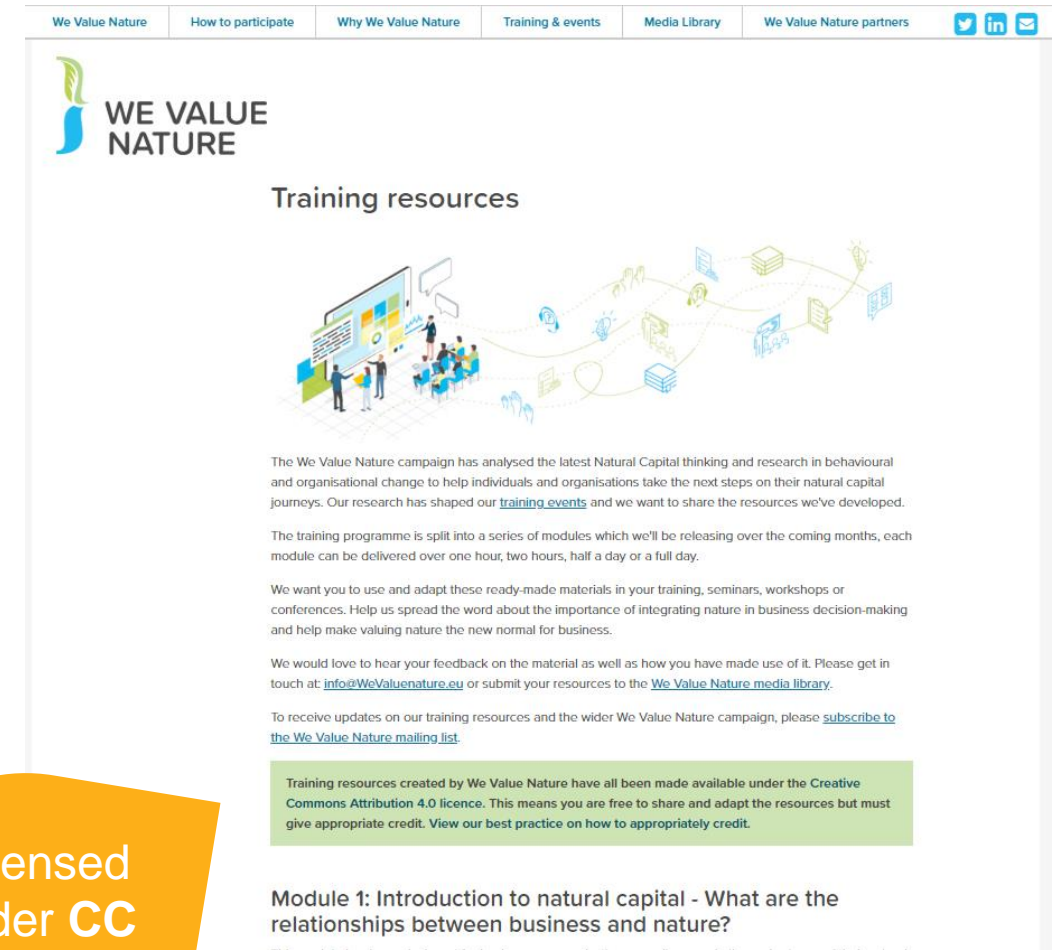
Paul Mahony

Oppla



Training resources

- We Value Nature has been analysing the latest Natural Capital thinking and research in behavioural and organisational change to develop resources for our training events.
- The training resources page is where we will share these resources.
- You are free to share, use and adapt these resources.



We Value Nature

How to participate

Why We Value Nature


Training & events

Media Library

We Value Nature partners

WE VALUE NATURE

Training resources



The We Value Nature campaign has analysed the latest Natural Capital thinking and research in behavioural and organisational change to help individuals and organisations take the next steps on their natural capital journeys. Our research has shaped our [training events](#) and we want to share the resources we've developed.

The training programme is split into a series of modules which we'll be releasing over the coming months, each module can be delivered over one hour, two hours, half a day or a full day.

We want you to use and adapt these ready-made materials in your training, seminars, workshops or conferences. Help us spread the word about the importance of integrating nature in business decision-making and help make valuing nature the new normal for business.

We would love to hear your feedback on the material as well as how you have made use of it. Please get in touch at: info@WeValuenature.eu or submit your resources to the [We Value Nature media library](#).

To receive updates on our training resources and the wider We Value Nature campaign, please [subscribe to the We Value Nature mailing list](#).

Training resources created by We Value Nature have all been made available under the Creative Commons Attribution 4.0 licence. This means you are free to share and adapt the resources but must give appropriate credit. View our [best practice](#) on how to appropriately credit.

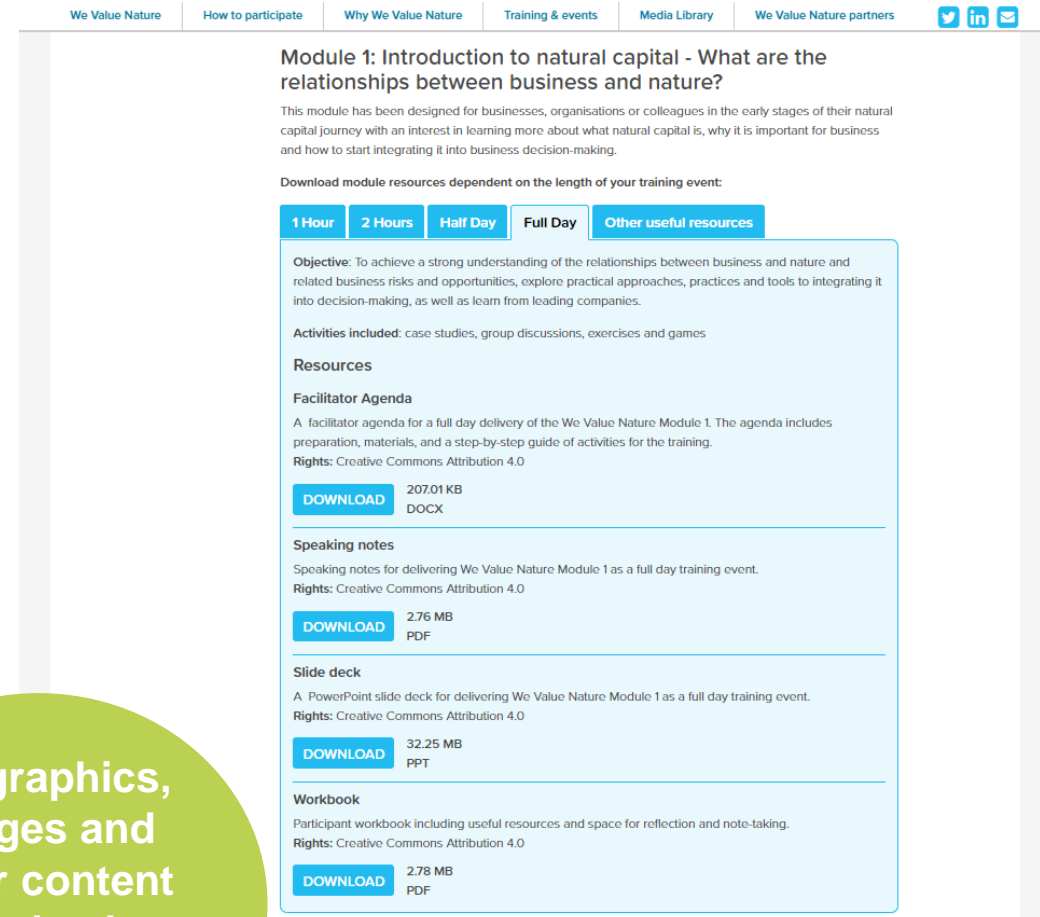
Module 1: Introduction to natural capital - What are the relationships between business and nature?

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under CC
BY 4.0

Training resources

- The training programme is split into a series of modules which we'll be releasing over the coming months
- Each module can be delivered over one hour, two hours, half a day or a full day
- Resources include suggested agendas, slide decks, speaking notes, participant workbooks and activities.

Infographics, images and other content can also be found in the Media Library



The screenshot shows the 'We Value Nature' website with a navigation bar at the top containing links for 'We Value Nature', 'How to participate', 'Why We Value Nature', 'Training & events', 'Media Library', and 'We Value Nature partners'. Social media icons for Twitter, LinkedIn, and Email are also present. The main content area is titled 'Module 1: Introduction to natural capital - What are the relationships between business and nature?'. Below the title, there is a brief description of the module and a section for downloading resources based on training event length. The 'Full Day' tab is selected, showing details for a 207.01 KB DOCX file, 2.76 MB PDF file, 32.25 MB PPT file, and a 2.78 MB PDF workbook. Each resource has a 'DOWNLOAD' button and a 'Rights: Creative Commons Attribution 4.0' notice.

We Value Nature | How to participate | Why We Value Nature | Training & events | Media Library | We Value Nature partners

Module 1: Introduction to natural capital - What are the relationships between business and nature?

This module has been designed for businesses, organisations or colleagues in the early stages of their natural capital journey with an interest in learning more about what natural capital is, why it is important for business and how to start integrating it into business decision-making.

Download module resources dependent on the length of your training event:

1 Hour | 2 Hours | Half Day | Full Day | Other useful resources

Objective: To achieve a strong understanding of the relationships between business and nature and related business risks and opportunities, explore practical approaches, practices and tools to integrating it into decision-making, as well as learn from leading companies.

Activities included: case studies, group discussions, exercises and games

Resources

Facilitator Agenda
A facilitator agenda for a full day delivery of the We Value Nature Module 1. The agenda includes preparation, materials, and a step-by-step guide of activities for the training.
Rights: Creative Commons Attribution 4.0

[DOWNLOAD](#) 207.01 KB
DOCX

Speaking notes
Speaking notes for delivering We Value Nature Module 1 as a full day training event.
Rights: Creative Commons Attribution 4.0

[DOWNLOAD](#) 2.76 MB
PDF

Slide deck
A PowerPoint slide deck for delivering We Value Nature Module 1 as a full day training event.
Rights: Creative Commons Attribution 4.0

[DOWNLOAD](#) 32.25 MB
PPT

Workbook
Participant workbook including useful resources and space for reflection and note-taking.
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[DOWNLOAD](#) 2.78 MB
PDF

Module 1: Introduction to natural capital - What are the relationships between business and nature?

This module has been designed for businesses, organisations or colleagues in the early stages of their natural capital journey with an interest in learning more about what natural capital is, why it is important for business and how to start integrating it into business decision-making.

Download module resources dependent on the length of your training event:

[1 Hour](#)[2 Hours](#)[Half Day](#)[Full Day](#)[Other useful resources](#)

Objective: To achieve an understanding of what natural capital is and why businesses should care with a few examples of businesses that have integrated natural capital in their decision-making processes.

Resources

Facilitator Agenda

A facilitator agenda for a one hour delivery of the We Value Nature Module 1. The agenda includes preparation, materials, and a step-by-step guide of activities for the training.

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[DOWNLOAD](#)

186.97 KB
DOCX

Participant agenda

An agenda for participants laying out the timings and topics of the one hour We Value Nature module 1 training.

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[DOWNLOAD](#)

129.26 KB
DOCX

Workbook

Participant workbook including useful resources and space for reflection and note-taking.

Rights: Creative Commons Attribution 4.0

[DOWNLOAD](#)

5.85 MB
DOCX

How to attribute We Value Nature training materials

If you're just using one or two slides you can use our attribution block...



Using content from

**WE VALUE
NATURE**

wevaluenature.eu

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Full attribution

For training courses based on We Value Nature materials

- Include the following three slides.
- Give them a couple of minutes... please don't skip over them.
- Ensure that participants understand that original We Value Nature materials are available under an open license.

This training course uses open materials developed by the We Value Nature campaign.



**WE VALUE
NATURE**

Supporting



**NATURAL
CAPITAL
COALITION**



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 821303

www.wevaluenature.eu
info@wevaluenature.eu
[@WeValueNature](https://twitter.com/WeValueNature)

We Value Nature training is open

You are free to:

- **Share** — copy and redistribute the material in any medium or format
- **Adapt** — remix, transform, and build upon the material for any purpose, even commercial

Under the following terms:

- **Attribution** — You must give appropriate credit, link to the licence & indicate if changes were made (but not suggest endorsement).
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[View our best practice on how to attribute](#)



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Supporting

**NATURAL
CAPITAL
COALITION**

naturalcapitalcoalition.org
[@natcapcoalition](https://twitter.com/natcapcoalition)

It's good to share!

- Let us know how you use the We Value Nature training materials.
- How have you adapted them for your own training?
- We will be pleased to share your news with the We Value Nature community.
- Share your remixed materials in our open media library

info@wevaluenature.eu

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Eager to get started?

Check out
NCC's
interactive
[training videos](#)



Training resources



Download module resources dependent on the length of your training event:

1 Hour | 2 Hours | Half Day | Full Day | Other useful resources

Objective: To achieve an understanding of what natural capital is and why businesses should care with a few examples of businesses that have integrated natural capital in their decision-making processes.

Resources

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A facilitator agenda for a one hour delivery of the We Value Nature Module 1. The agenda includes preparation, materials, and a step-by-step guide of activities for the training.

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DOCX

Participant agenda

An agenda for participants laying out the timings and topics of the one hour We Value Nature module 1 training.

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DOWNLOAD 129.26 KB
DOCX

Workbook

Participant workbook including useful resources and space for reflection and note-taking.

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Natural Capital Protocol Training

Through this series of videos you will be asked to take the role of a sustainability or strategy representative and decide where your company should make its next acquisition. It will walk you through the stages of a natural capital assessment, asking the same questions that are relevant to any business decision: *why, what, how, and what next*.

Whatever your sector, the natural capital approach taken in this example, and the questions it raises, will be relevant to you.



Natural Capital
Protocol
Training

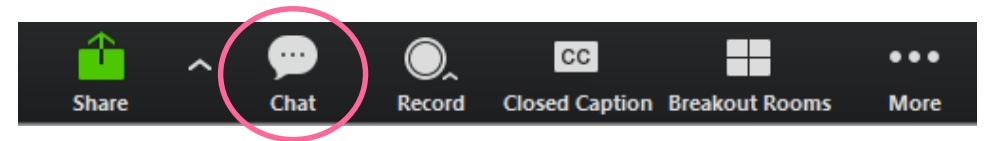
Make use of
WVN's
training
resources



Check out question



Share one lesson learned from today that you are going to take forward in your company/project.



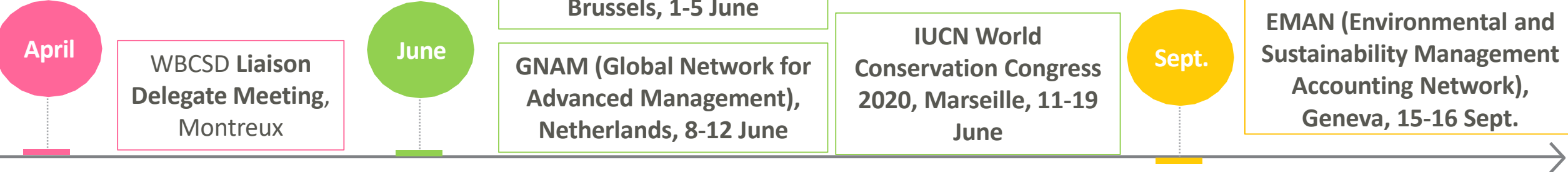
Upcoming engagement opportunities

- **Next Virtual Office Hour calls:**

- 26 March
- 30 April
- 28 May
- 30 June

11:00-12:00 CET

- **Upcoming We Value Nature trainings:**



We are here to help!

Next call:
26 March
11h-12h CET

Deep-
dive
webinars

In-
person
training

Helpdesk
calls

Virtual
office
hour/
Q&A

Online
training

Train-
the-
trainer

Keep in touch & sign-up:

wevaluenature.eu

Exchange with peers:

[LinkedIn Group](#)

Provide your feedback: [Survey](#)

We want to learn too – how have we helped?





**WE VALUE
NATURE**

Supporting



**NATURAL
CAPITAL
COALITION**



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www.wevaluenature.eu
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