



# Training workshop in coastal wetlands and seagrass meadows restoration, based in Blue Carbon actions

Online

15<sup>th</sup>- 17<sup>th</sup> September 2020

“Blue Carbon” is the carbon absorbed and stored by marine and coastal and marine ecosystems like wetlands marshes, mangroves and seagrass meadows. The capacity of these natural ecosystems, makes them large natural carbon sinks.

This three-day workshop, to be held between 15-17<sup>th</sup> September 2020, is designed for environmental consultants, technicians and environmental managers of private and public enterprises, protected areas, organizations and municipalities, interested in coastal ecosystem restoration. The objective is to develop the capacity of participants in different actions, that adding to restoring and protecting these important ecosystems, serve to capture CO<sub>2</sub>, helping, therefore, to mitigate global climate change.

Guest speakers from Spain, Italy and Holland working on new approaches to rehabilitate seagrass and coastal marshes will bring their expertise to this workshop. We will explore the central theme of restoration of coastal wetlands and seagrass meadows as management tools by guiding participants through the planning, design, development, and maintenance of these ecosystems.



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## AGENDA

### TUESDAY 15<sup>th</sup> September-

#### Morning 9:00-13:30

##### **9:00-9:20 Welcome and introduction to the workshop**

Maria del Mar Otero, IUCN Center for Mediterranean Cooperation (IUCN Med)

##### **9:20-10:30 Session 1- Dimensions of Blue Carbon in the climate context**

###### **Introduction to Blue Carbon**

M. Teunis, *Bureau Waardenburg*

###### **Blue Carbon Initiatives: Multipurpose opportunities**

Dorothee Herr, IUCN

Q & A

#### **Break 11:00-11:30**

##### **11:30- 12:45 Session 2- Coastal wetlands restoration**

- **History of coastal wetlands in the Netherlands**
- **Wetland restoration principles**
- **Restoration Overview of Dutch wetland restoration projects (Griend / Westerschelde Perkpolder / Wadden Sea).**

K. Didden, *Bureau Waardenburg*

Q & A

#### **Lunch 13:00-14:00**

##### **14:00-15:00 Session 3- Coastal Blue Carbon as incentive for wetland restoration**

- **Blue Carbon potential in Europe**
- **Blue Carbon potential in the Netherlands**
- **The integration of Blue Carbon in restoration projects by a general approach.**
- **Lessons learned during the integration of blue carbon in restoration practices.**

M. Teunis, *Bureau Waardenburg*



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Q & A

### WEDNESDAY 16<sup>th</sup> September

#### **Morning 9:00-13:30 Session 3- Coastal wetlands restoration projects**

##### **9:00-10:30 Experiences learnt from coastal wetlands restoration projects in Spain**

Nuno Caiola IRTA, Spain

Q & A

#### **Break 10:30-11:00**

##### **11:00-13:00 Working group Exercises**

Introduction to the exercise

Step by step elaboration of a restoration project including Blue Carbon actions

#### **Lunch 13:00-14:00**

##### **14:00-16:00 Working group Exercise**

Presentation of results

Q & A

### THURSDAY 17<sup>th</sup> September-

#### **Morning 9:00-13:30 Session 4- Seagrass restoration projects**

##### **9:00-10:30 Seagrasses ecosystems: initiating restoration projects**

Jorge Terrados, CSIC, Spain

Q & A

#### **Break 10:30-11:00**

##### **11:00-12:30 Seagrasses restoration: from demonstration to upscaling, experiences learnt from Balears**

Jorge Terrados, CSIC, Spain

Q & A

##### **12:30-13:30 Overview of *Posidonia oceanica* restoration projects in Italy: results and lessons learnt from project implementation**

Tiziano Bacci, ISPRA, Italy



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**Lunch 13:30-14:30**

**14:30-15:15 The governance process regulating an effectiveness seagrass restoration**

Barbara la Porta, ISPRA, Italy

**15:15-16:00 Common session Seagrasses**

Open discussion on seagrasses restoration

Facilitated by Maria del Mar Otero, IUCN Med

**Final remarks and closure of workshop**



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