

Mediterranean habitat Action Plan WORKING GROUP

2110 - Embryonic shifting dunes

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(Tragsatec)

IV Mediterranean Seminar
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NATURA 2000 BIOGEOGRAPHIC PROCESS
MEDITERRANEAN BIOGEOGRAPHICAL REGION



Background



Natura 2000 Seminars

Natura 2000 Biogeographical Process

Second Mediterranean Natura 2000 Seminar
Limassol - Cyprus, 14 – 16 November 2017

Draft
Seminar Report



Working group on common standardised Mediterranean biogeographical guidelines, following an ecosystem approach and incorporating complementary variables for certain habitats.

Workshop on development of action plans for HCI and species at biogeographical level. LIFE project for gathering previous best practices, then funding action plans.

Technical workshop on developing science-based protocols to evaluate pressures and threats and how to include these in the evaluation matrix of the conservation status.

Working group on approaches to setting Favourable Reference Values at the biogeographical-region level (through an INTERREG or LIFE project) “feature by feature” (groups of habitats and species).

NATURA 2000 BIOGEOGRAPHIC PROCESS FOR THE MEDITERRANEAN REGION

Workshops for the harmonization of procedures for monitoring, assessment and conservation of the habitat types of Community interest



GOBIERNO
DE ESPAÑA

MINISTERIO
PARA LA TRANSICIÓN ECOLÓGICA
Y EL RETO DEMOGRÁFICO

Objectives and tasks

Objectives

- Agreement on **habitat definition** / interpretation.
- **Harmonisation** of procedures and methodologies.


Process vs Results

Tasks

- Drafting a **pilot action plan** for Habitat Type.
- Identifying information **gaps** and further **needs**.
- Drawing up a **project proposal** to cover the needs identified.

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Habitat selection



CRITERION	DESCRIPTION
Presence	Present in <u>ALL</u> the Mediterranean member States
Terrestrial	Excluding marine and coastal habitats
Representativeness	<u>Significant presence</u> in, at least, SIX member States
Complexity	Excluding habitats with complex definitions / interpretations
Conservation Status	Bad conservation status

2110 - Embryonic shifting dunes

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Habitat selection



Member States reports

2110 - Embryonic shifting dunes

MS	Range (km ²)				Area (km ²)								Structure and functions (km ²)					Future prospects				Overall assessment					
	Surface	Status (% MS)	Trend	FRR	Min	Max	Best value	Type est.	Method	Status (% MS)	Trend	FRA	Good	Not good	Not known	Status	Trend	Range prosp.	Area prosp.	S & f prosp.	Status	Curr. CS	Curr. CS trend	Prev. CS	Prev. CS trend	Status Nat. of ch.	CS trend Nat. of ch.
CY	234	0.31	=	≈	N/A	N/A	0.35	estimate	b	0.41	x	≈	0.24 - 0.24	0.10 - 0.10	N/A - N/A	U2	=	good	bad	bad	U2	U2	x	FV	N/A	method	method
ES	16500	22.16	=	x	N/A	N/A	5.52	estimate	b	6.53	-	>	1.79 - 1.79	0.61 - 0.61	3.12 - 3.12	U1	x	unk	poor	poor	U1	U1	x	U2	=	method	noInfo
FR	8300	11.15	=	x	1	3	N/A	estimate	c	2.36	-	x	1 - 3	N/A - 1	1 - 3	U1	=	good	poor	good	U1	U2	-	U2	=	noChange	noInfo
GR	105.71	0.14	=	≈	N/A	N/A	32.85	estimate	b	38.82	=	>	N/A - N/A	6.57 - 6.57	26.28 - 26.28	U1	x	good	poor	poor	FV	U1	=	U1	=	noChange	noChange
HR	2600	3.49	=	>	0.16	0.39	N/A	estimate	a	0.32	u	>>	0.02 - 0.02	N/A - N/A	0.14 - 0.37	XX	u	poor	bad	unk	U2	U2	x	N/A	N/A	noChange	noChange
IT	38500	51.72	+	≈	13.09	74.13	N/A	estimate	b	51.54	-	>>	7.29 - 7.29	2.68 - 2.68	3.51 - 3.51	U2	=	poor	bad	bad	U2	U2	=	U2	=	noChange	noChange
MT	5	0.01	=	>>	N/A	N/A	0.01	estimate	a	0.01	=	>>	0.01 - 0.01	0.01 - 0.01	N/A - N/A	U2	=	bad	bad	bad	U2	U2	=	U1	=	knowledge	noChange
PT	8200	11.01	=	≈	N/A	N/A	N/A		d	0	-	x	N/A - N/A	N/A - N/A	N/A - N/A	U1	-	good	poor	poor	U1	U1	-	U1	x	noChange	knowledge

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Constitution of the Working group

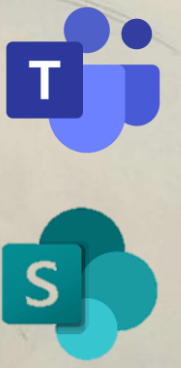
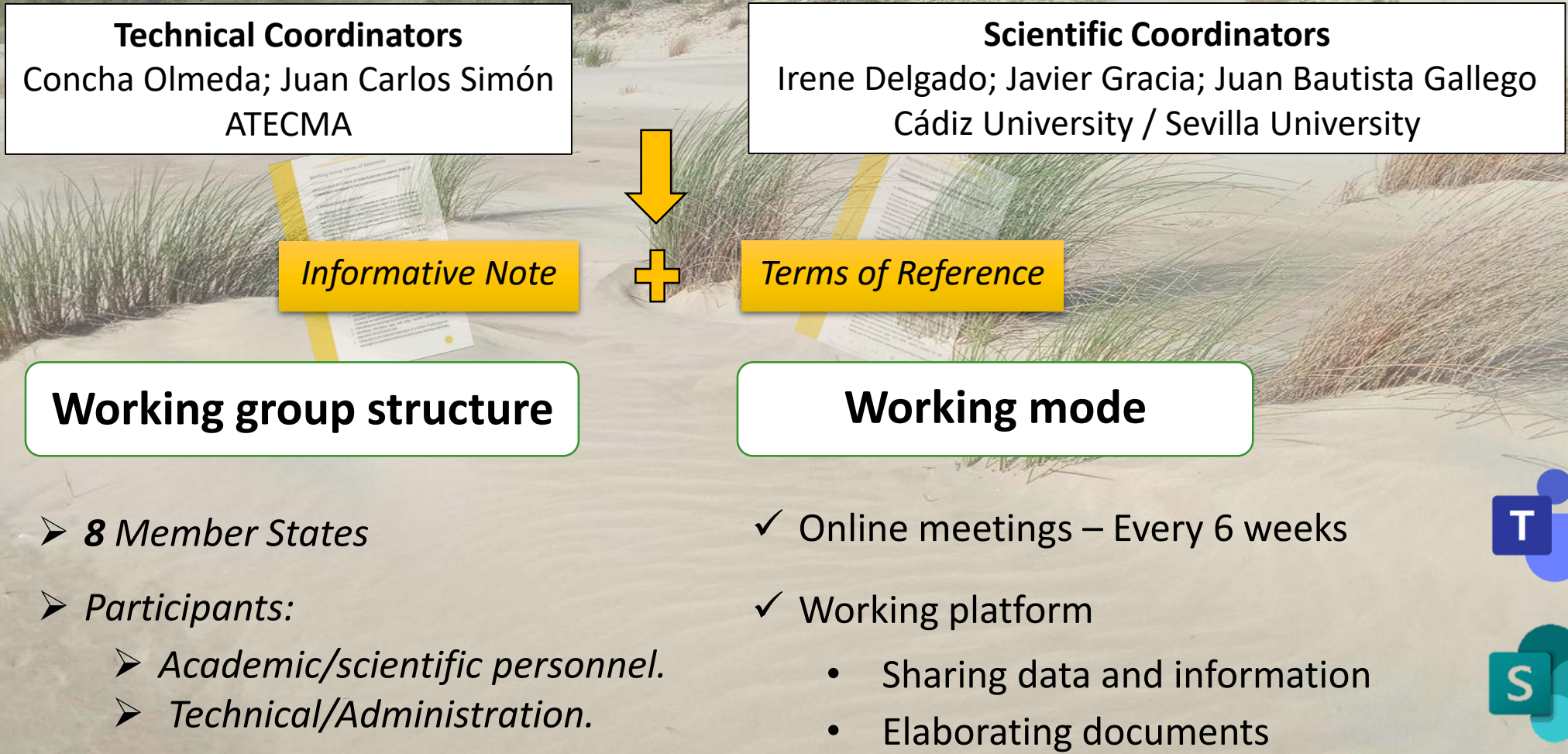


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2110 - Embryonic Shifting Dunes Action plan

NATURA 2000 BIOGEOGRAPHIC PROCESS
MEDITERRANEAN BIOGEOGRAPHICAL REGION

Embryo-dunes. Bio-geomorphological characterisation

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**“BIOGEOGRAPHICAL PROCESS NATURA 2000”
MEDITERRANEAN REGION**

**2110 Embryonic
Shifting Dunes**



Photo: Irene Delgado-Fernández

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Phases and main contents

Phase 1: Diagnosis

- Characterization of the habitat type.
- Distribution.
- Conservation status and trends.
- Analysis of pressures and threats.

Phase 2: Conservation Objectives and actions

- Conservation objectives to maintain or restore the habitat type in FCS.
- Conservation measures to achieve the proposed objectives
- Resources and tools for implementation.
- Support measures and funding.

HABITAT ACTION PLAN: 2110 EMBRYONIC SHIFTING DUNES

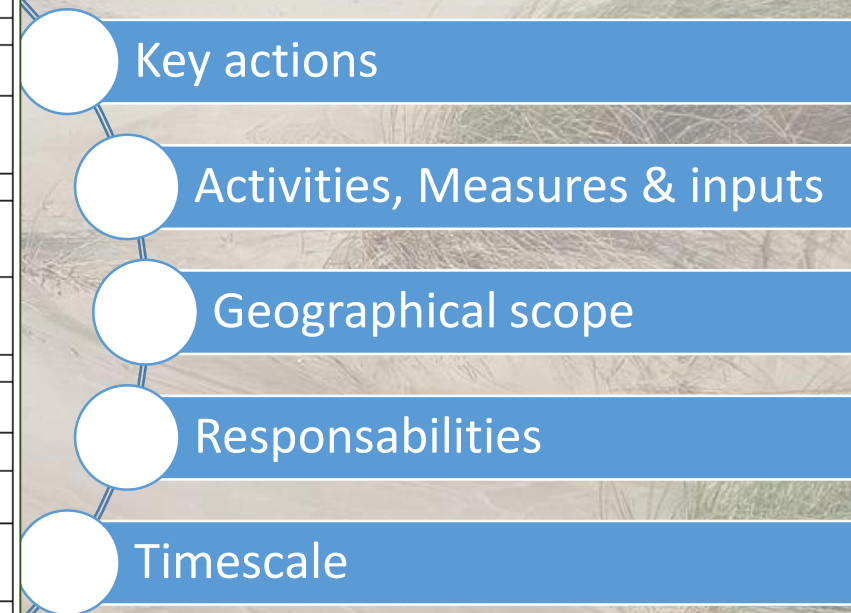
FIRST OUTLINE

Table of contents

BACKGROUND AND INTRODUCTION	2
1. OBJECTIVES AND SCOPE OF THE ACTION PLAN	2
2. HABITAT TYPE DEFINITION AND ECOLOGICAL CHARACTERIZATION	2
2.1. HABITAT TYPE DEFINITION	2
2.2. ECOLOGICAL CHARACTERIZATION	3
2.2.1 Main habitat characteristics and ecological requirements	3
2.2.2 Dynamics (spatial and temporal) of the habitat type throughout the region	4
2.2.3 Ecological diversity and variability: habitat subtypes	5
2.2.4 Relations with other habitat types	5
2.2.5 Gap analysis and future needs	5
3. CONSERVATION STATUS AND TRENDS	5
3.1 RANGE AND AREA ESTIMATE	5
3.1.1 Methodology to estimate habitat area	5
3.1.2 Distribution and area in Natura 2000 sites	6
3.1.3 Spatial structure	7
3.1.4 Methodology to estimate habitat area	5
3.1.5 Favourable Reference Values for range and area	7
3.1.6 Trends analysis	7
3.1.7 Gap analysis and future needs	7
3.2 STRUCTURE AND FUNCTIONS	7
3.2.1 Current assessment of structure and function parameter (under art. 17 reporting)	7
3.2.2 Proposal for harmonisation of the methodology for assessment and monitoring	7
3.2.3 Trends analysis	8
3.2.4 Gap analysis and future needs	8
3.3 FUTURE PROSPECTS: ANALYSIS OF PRESSURES AND THREATS	8
3.4 CONCLUSIONS ON THE ASSESSMENT OF CONSERVATION STATUS AND TRENDS	8
4. CONSERVATION OBJECTIVES	9
4.1 OBJECTIVES AT BIOGEOGRAPHICAL REGION AND COUNTRY LEVEL TO ACHIEVE FCS	9
4.2 OTHER OBJECTIVES	9
5. CONSERVATION ACTIONS / MEASURES	9
5.1 MEASURES TO ACHIEVE THE CONSERVATION OBJECTIVES	9
5.2 OTHER MEASURES	9
6. RESOURCES AND TOOLS FOR IMPLEMENTATION	9
6.1 COSTS OF MEASURES AND FUNDING SOURCES	9
6.2 IMPLEMENTATION TOOLS AND SUPPORTIVE MEASURES	9
7. MONITORING AND REVIEW OF THE ACTION PLAN	9
8. GOVERNANCE FOR IMPLEMENTATION OF THE ACTION PLAN	10
9. FRAMEWORK FOR ACTION	10

Action Plan: Framework for Action

ACTION PLAN FOR CONSERVATION OF HABITAT 2210 – Embryonic shifting dunes				
FRAMEWORK FOR ACTION (2024-2030)				
Conservation and restoration objectives				
Key actions	Activities, means and input required	Geographical scope	Responsibilities	Timescale
Objective 1: Recovery of the Favourable Reference Area by 2050				
Increase the area to reach the FRA	Determine the FRA with standard method	All Mediterranean MS	National and regional Administrations, Scientific experts	2025
	Identify potential restoration areas and prepare a restoration plan			2027
	Start developing restoration actions		National, regional and local Administrations, relevant stakeholders and NGOs	2028
Objective 2: Maintain in good condition at least 90% of the habitat surface, to reach a favourable conservation status by				
Recovery of areas in bad condition (degraded)	Identify potential recovery areas and main pressures and threats that cause their degradation, and prepare a recovery plan	All Mediterranean MS	National and regional Administrations, Scientific experts	2026
	Develop recovery actions: remove/reduce pressures and implement recovery/restoration measures			National, regional and local Administrations, relevant stakeholders and NGOs
Objective 3: Improve protection and management inside and outside Natura 2000				
Include at least 90% of the habitat surface in Natura 2000	Identify current areas outside Natura 2000 and designate the corresponding SCIs	All Mediterranean MS (as appropriate)	Regional Administrations	2026
	Include all the restored areas in Natura 2000	All restored areas	Regional Administrations	2028
Elaboration, update and implementation of management plans for Natura 2000 sites with dunes	Update and adopt management plans for Natura 2000 sites with dunes	All Mediterranean MS	National and regional Administrations	2028
	Implement conservation measures, including measures to reduce/remove main pressures and threats		National, regional and local Administrations, relevant stakeholders and NGOs	2030
Develop plans to improve the coherence of the Natura 2000 network for dunes	Analyse the coherence (representativeness, connectivity, resilience, rarity and redundancy) of the Natura 2000 Network for dune habitats	Natura 2000 network in the Mediterranean	National, regional Administrations, scientific experts	2027
	Elaborate and implement plans for improving coherence (multilevel: space, island, region)			2028



Fragment of a full document for illustrative purposes

Action Plan: Framework for Action

Topic

Objectives

Conservation & Restoration

- Recovery of the Favourable Reference Area by 2050.
- Maintain in good condition at least 90% of the habitat surface, to reach a favourable conservation status.
- Improve protection and management inside and outside Natura 2000.
- Adaptation to climate change.

Knowledge improvement

- Improve knowledge about eco-diversity and ecological requirements of embryonic dunes.
- Improve knowledge about pressures and their impacts on embryonic dunes.

Assessment and monitoring of embryonic dunes conservation status

- Improve assessment and monitoring of embryo dunes conservation status.

Dissemination and awareness-raising

- Increase awareness about the importance of embryonic dunes' conservation and monitoring.

Conclusions

Useful process for a good diagnosis & needs identification.

General consensus on the importance of harmonizing procedures.

Lack of decision-making power within the working group.

Need for dedicated funding.

Great working plan.

Mediterranean habitat Action Plan WORKING GROUP

THANK YOU!

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Discussion

Question 1

- How to carry on with this work and address the identified needs? (improve scientific knowledge at a local scale: FRV, Occupied area, CS assessment methodologies)?

Question 2

- How to replicate this experience in other habitats of interest for the MED region? Would it make more sense to work with groups of habitats rather than habitat types?