

The NATURA 2000 Network - Mediterranean Region -



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- Short introduction to the Natura 2000 Network
- Habitat types & species concerned by Natura 2000 / Mediterranean
- Snapshot of the Network in the Mediterranean Biogeographical Region
- Conclusions



HABITATS DIRECTIVE

NATIONAL LISTS
OF PROPOSED
SITES

COMMUNITY
LISTS OF SITES
OF COMMUNITY
IMPORTANCE

**SPECIAL AREAS OF
CONSERVATION
(SCA)**

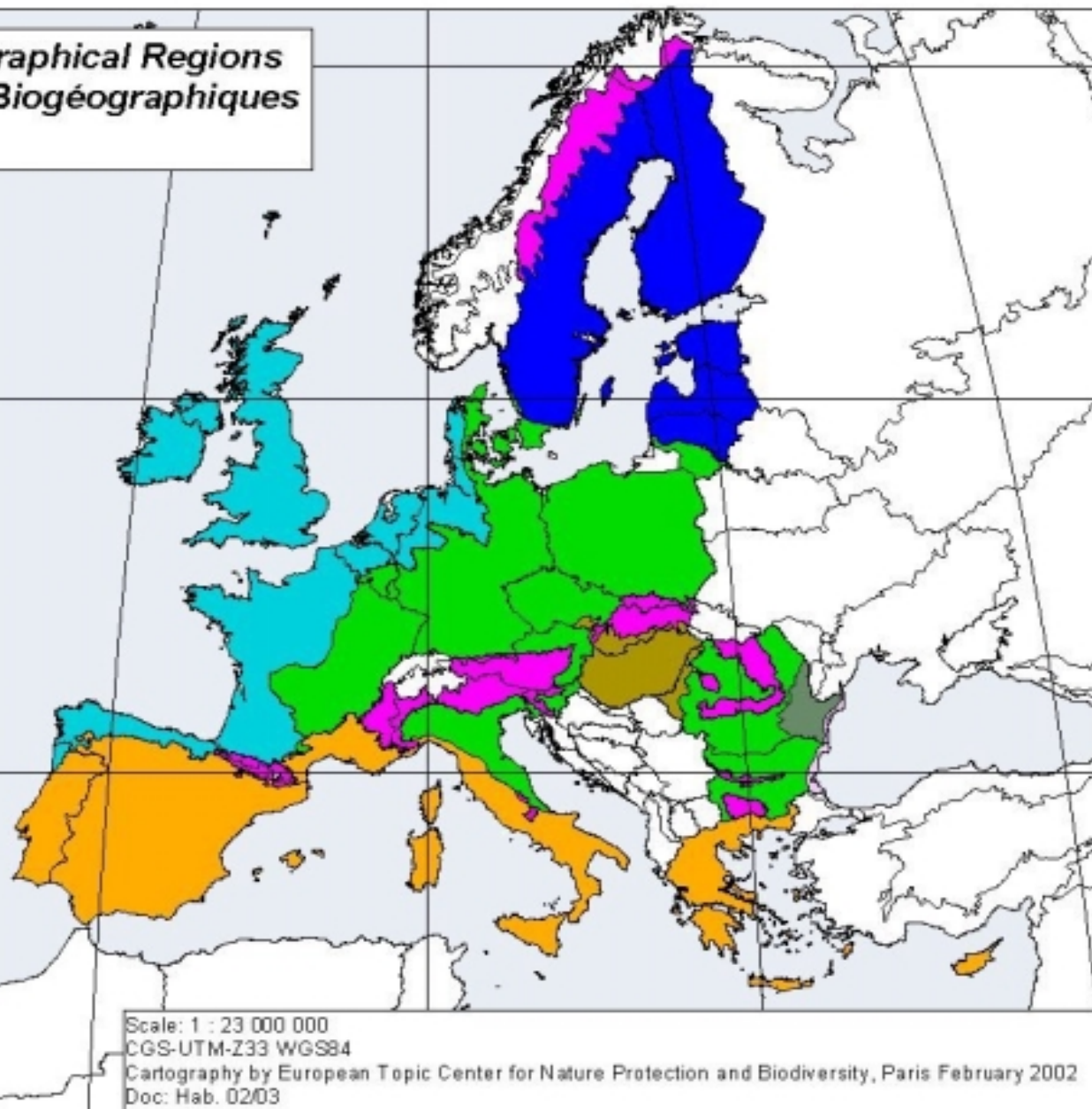
BIRDS DIRECTIVE

**SPECIAL
PROTECTION
AREAS (SPA)**



Indicative Map of the Biogeographical Regions
Carte Indicative des Régions Biogéographiques
EUR 15+12

- Alpine
- Atlantic
- Black Sea
- Boreal
- Continental
- Macaronesian
- Mediterranean
- Pannonian
- Steppic



Scale: 1 : 23 000 000
CGS-UTM-Z33 WGS84
Cartography by European Topic Center for Nature Protection and Biodiversity, Paris February 2002
Doc: Hab. 02/03

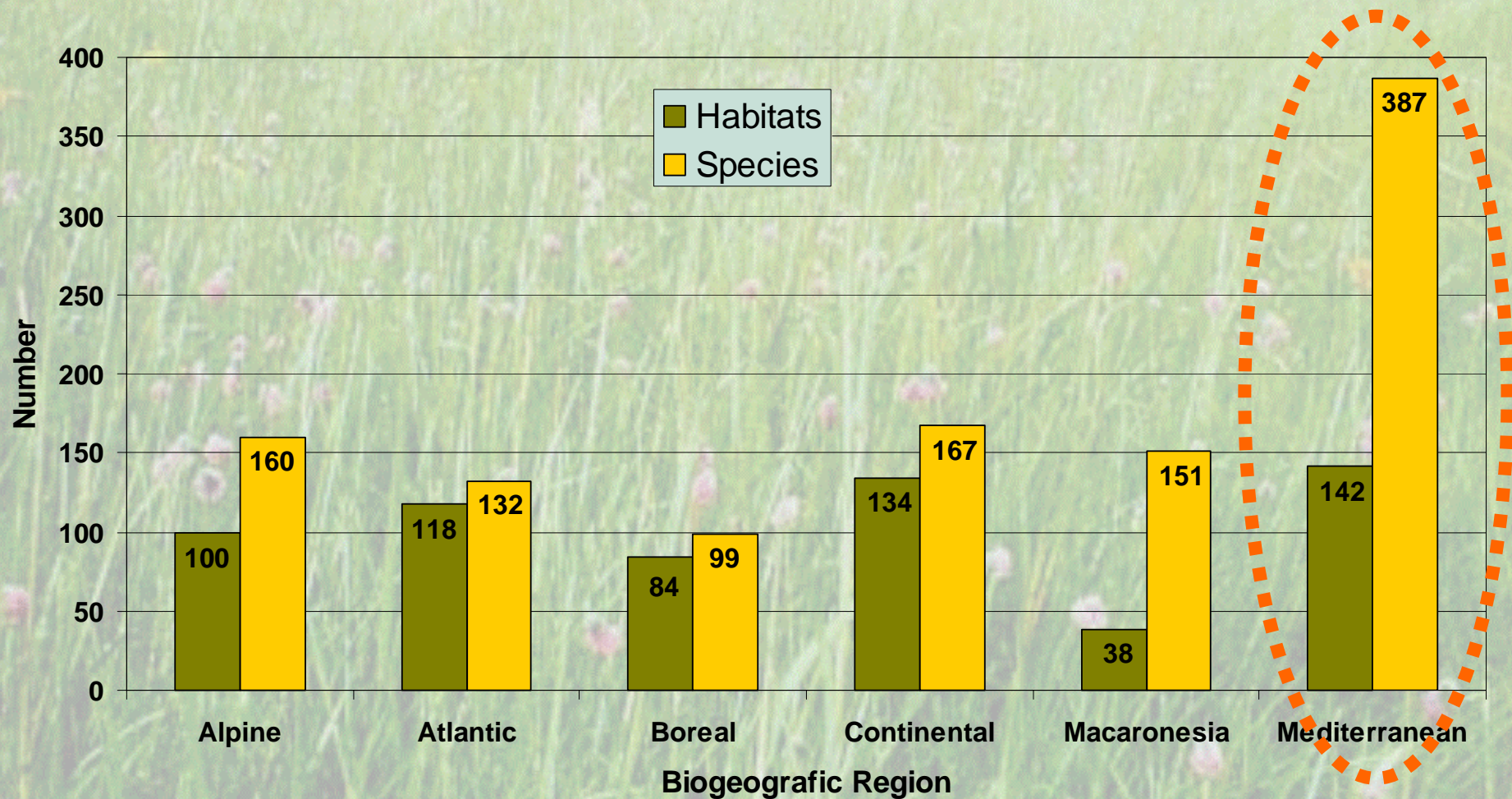


EU Mediterranean Region

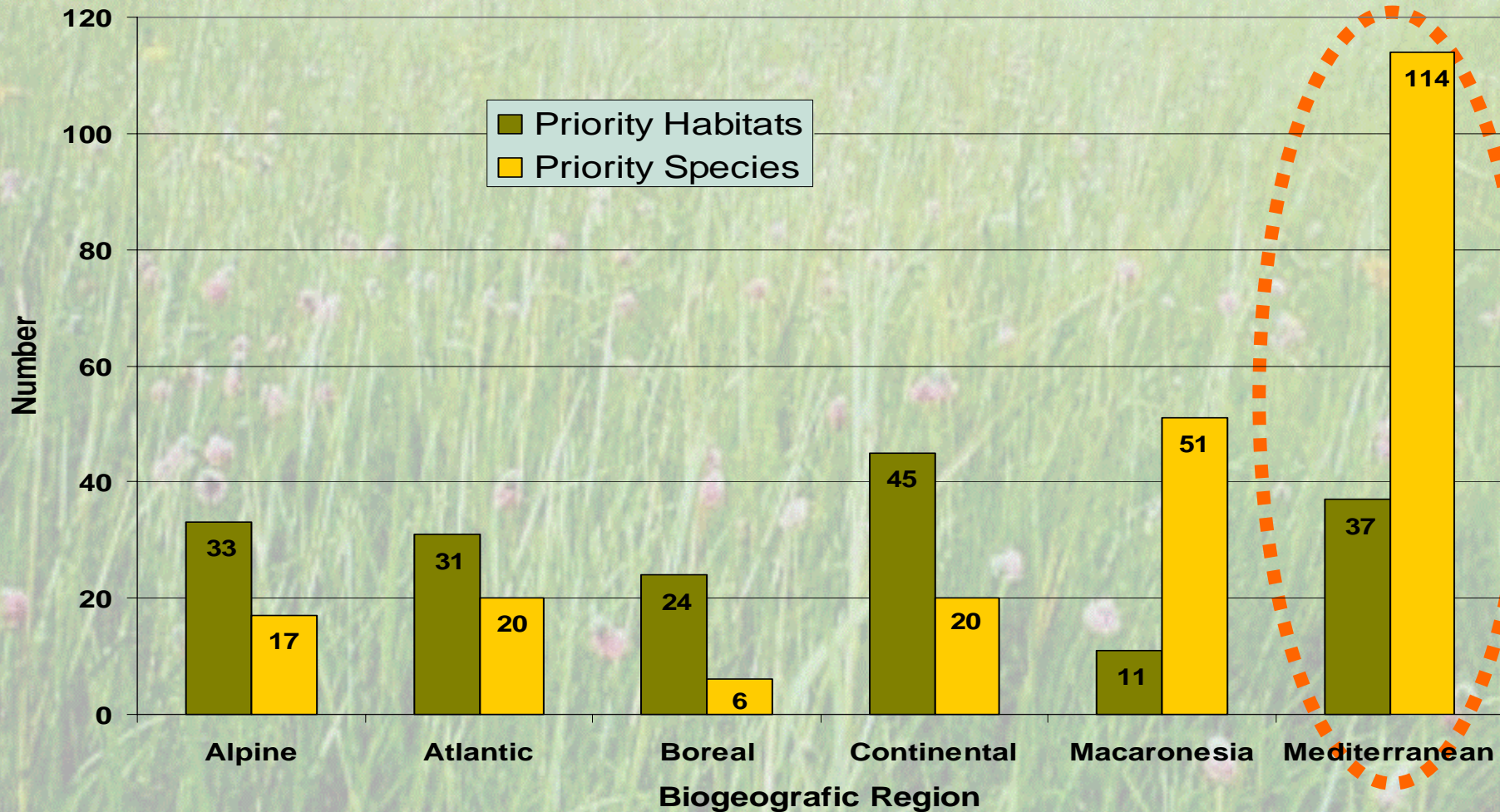
Member State	MS area (Km ²)	MEDITERRANEAN REGION		
		Km ² in MS	% in MS	% of Mediterranean Region
Ellada	132 000	132 000	100	15
España	506 242	433 364	86	49
France	548 104	64 820	12	7
Italia	300 132	161 649	54	18
Portugal	92 360	84 563	92	10
EU	3 222 493	876 397	27	Land surface



The Directive & the Mediterranean Region



The Directive & the Mediterranean Region



Mediterranean Biogeographical Region

- **AREA**

- 87 639 657 ha
- 27% of EUR15 land surface

- **HABITAT TYPES**

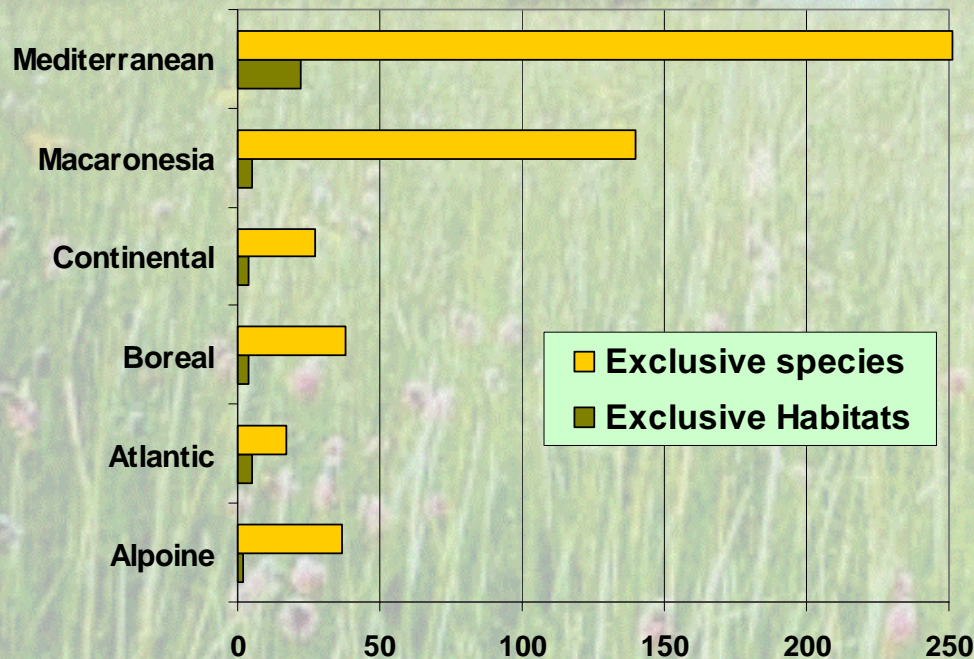
- 142 = 71 % of total in Annex I
- 37 = 57 % of **priority** Annex I

- **SPECIES**

- 387 = 55 % of total in Annex II
- 114 = 59 % of **priority** Annex II



The Directive & the Mediterranean Region

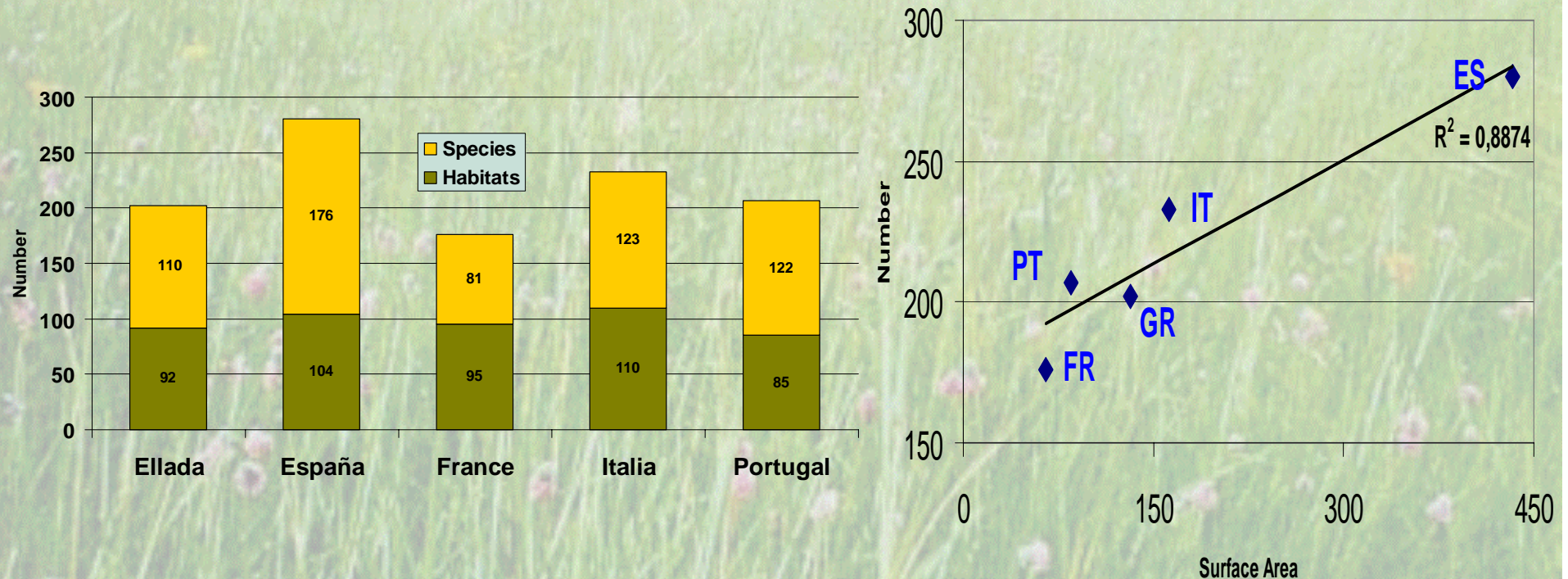


- *Posidonia* beds
- *Cistus palhinhae* maritime wet heathlands
- Apennine beech forests w/*Abies nebrodensis*
- Oak woods: Iberian, Aegean
- Reptiles / Fish
- Iberian lynx
- Labiatae, Cariofilatae, Cistaceae ...

- High number of 'endemic' and characteristic species and habitats
- (80% of European endemic flora: restricted to or originated from Mediterranean Region)



The Directive & the Mediterranean Region



- Number of species/habitats in the Directiva well correlated with the mediterranean surface area
- Directive reflects relatively well the mediterranean biodiversity



Setting-up the Natura 2000 in the Mediterranean Region

1. National lists of pSCI / Seminars
 - February 1998 - Thessalonika, GR
 - November 1999 - Sesimbra, PT
 - January 2003 - Brussels, BE
2. Community List
 - Early / mid 2004?
3. Designation of Special Conservation Areas



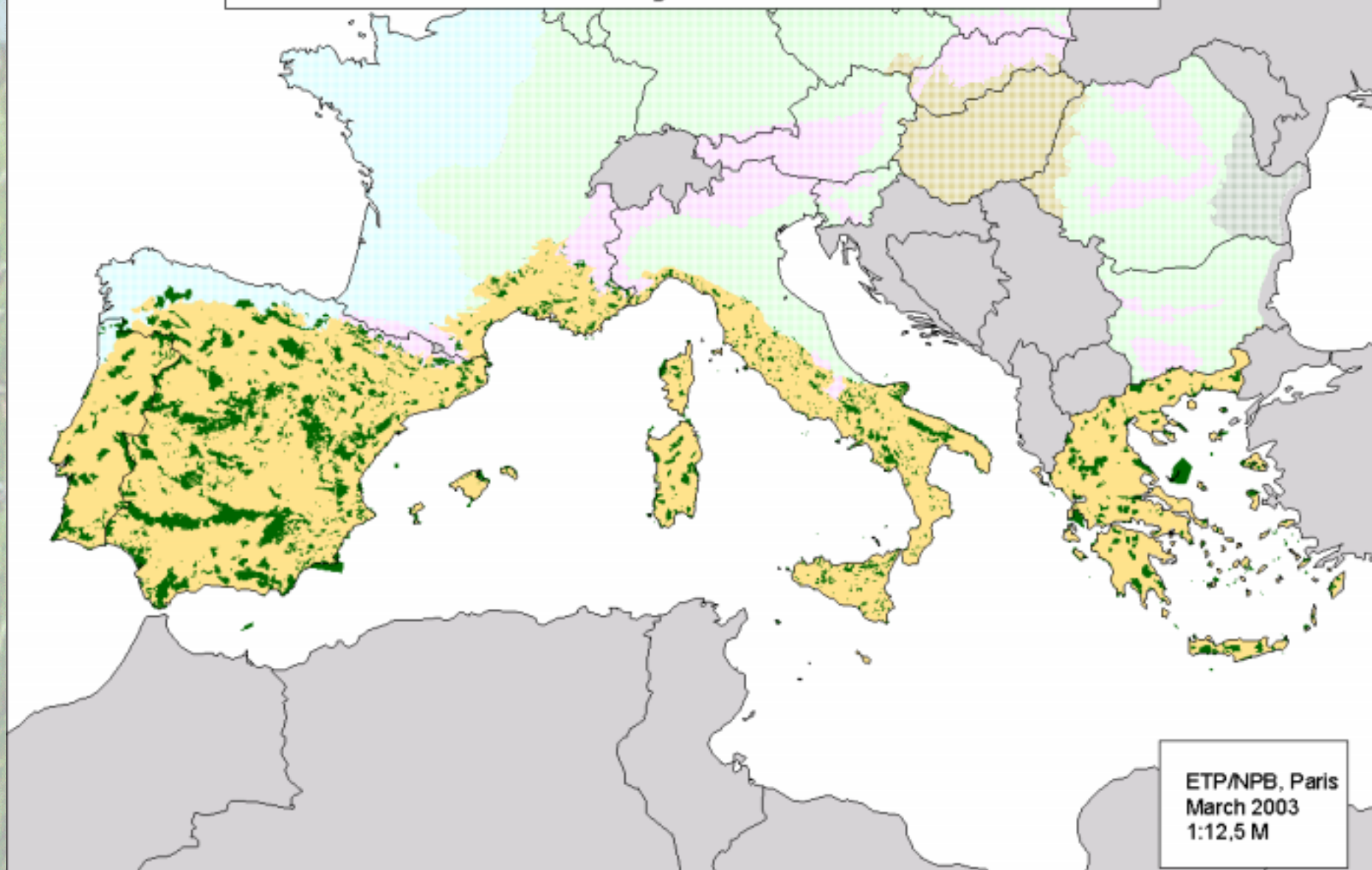
pSCI for Mediterranean Region

- January 2003 -

MS	Number	Surface (km ²)	Marine surf. (Km ²)	% of MS	% of Med MS	% of Med Reg
Ellada	239	27 641,0	5 998,0	20,9	20,9	3,2
España	925	103 417,6	3 270,8	20,4	23,9	11,8
France	223	10 431,2	817,0	1,9	16,1	1,2
Italia	1337	25 251,8	unknown	8,4	15,6	2,9
Portugal	54	15 483,0	405,2	16,8	18,3	1,8
Total EU	2778	182 224,6	10 491,0		19	

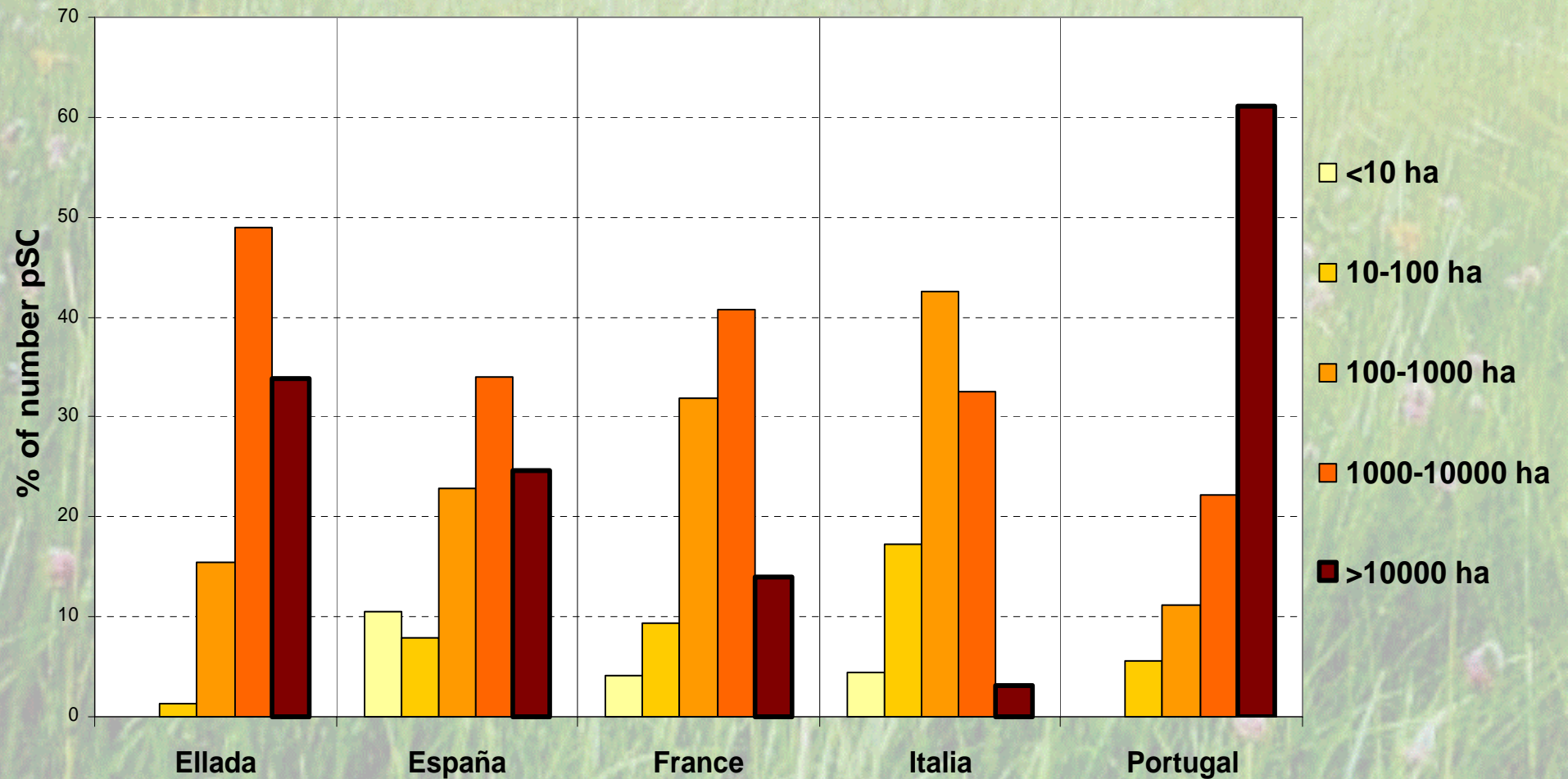


**Proposed SCI for Natura 2000 (Habitats Directive)
January 2003**



Size of pSCI

Distribution of pSCI in %, by classe of area



Conclusions

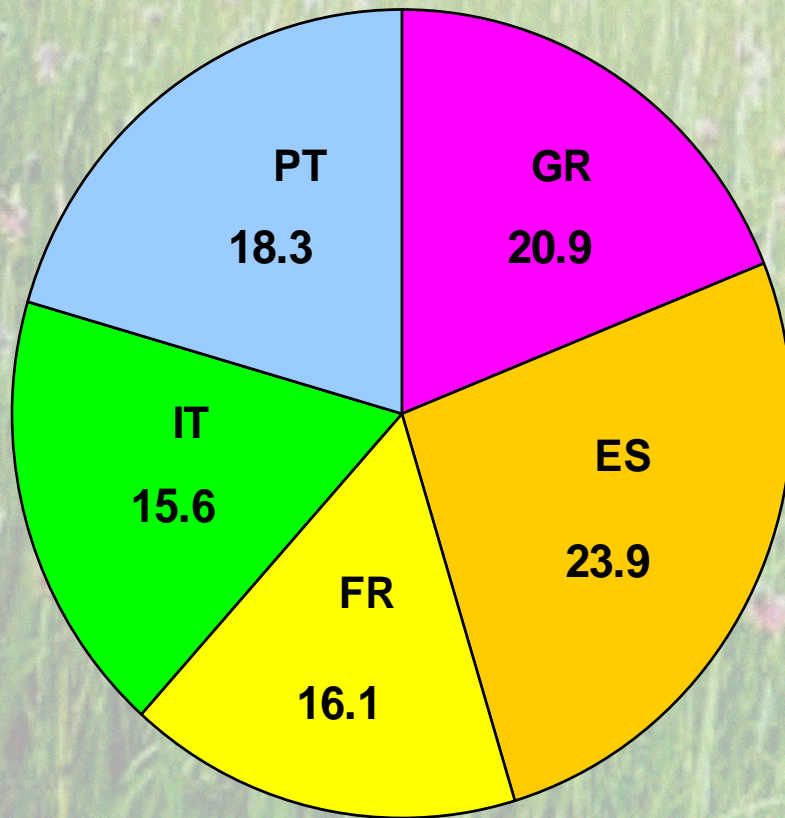
Mediterranean Biogeographic Region

- Hosts 30% species/habitats of the Directive – high number of priority species
- Biogeographic Region w/ highest no. of endemic species and 'exclusive' habitat types
- Strong correlation between number of species/habitats from the Directive in each country and their mediterranean surface area
- Good representation of habitats and taxa (except marine features)
- Habitats Directive: good instruments for conservation



Conclusions

**% of Mediterranean Region
included in pSCI**



- **Proposed surface**
 - Important percentage
 - Proportional to the no. of species and habitats in each country
- **Sufficient & appropriate ?**
 - Management
 - Monitoring



Conclusions

- Proposed surface between **10 500 (FR) e 103 500 km² (ES)**, corresponding to **16.1** and **23.9%** of the mediterranean land surface
- Marine area relatively reduced **405 (PT) to 6 000 km² (GR)** except for GR (geography, marine species – loggerhead turtle, monk-seal)



Conclusions

- Proposed surface proportional to the no. of 'mediterranean' habitats/species in each country
- Majority of proposed sites with surface areas between 100 e 10 000 ha
- Except in PT: 61% > 10 000 ha



Conclusions

- No. of sites not a good indicator of the 'conservation effort' of each country
- No. of sites compared with proposed surface area reveals different strategies
 - Many small sites
 - Few big sites
 - Site boundaries = boundaries of habitats (e.g. 'buffer zones' not included)
 - Buffer zones and corridors included (e.g. Management units)



Conclusions

- BUT identify and propose sites is relatively 'easy' compared to the real challenge
- Manage the Network efficiently in order to achieve the conservation objectives of the Directive and
- Contribute to maintain and restore the European biodiversity

