

# Datos Geográficos sobre conservación de la naturaleza en Europa: Aspectos de Compatibilidad, Conformidad y Accesibilidad

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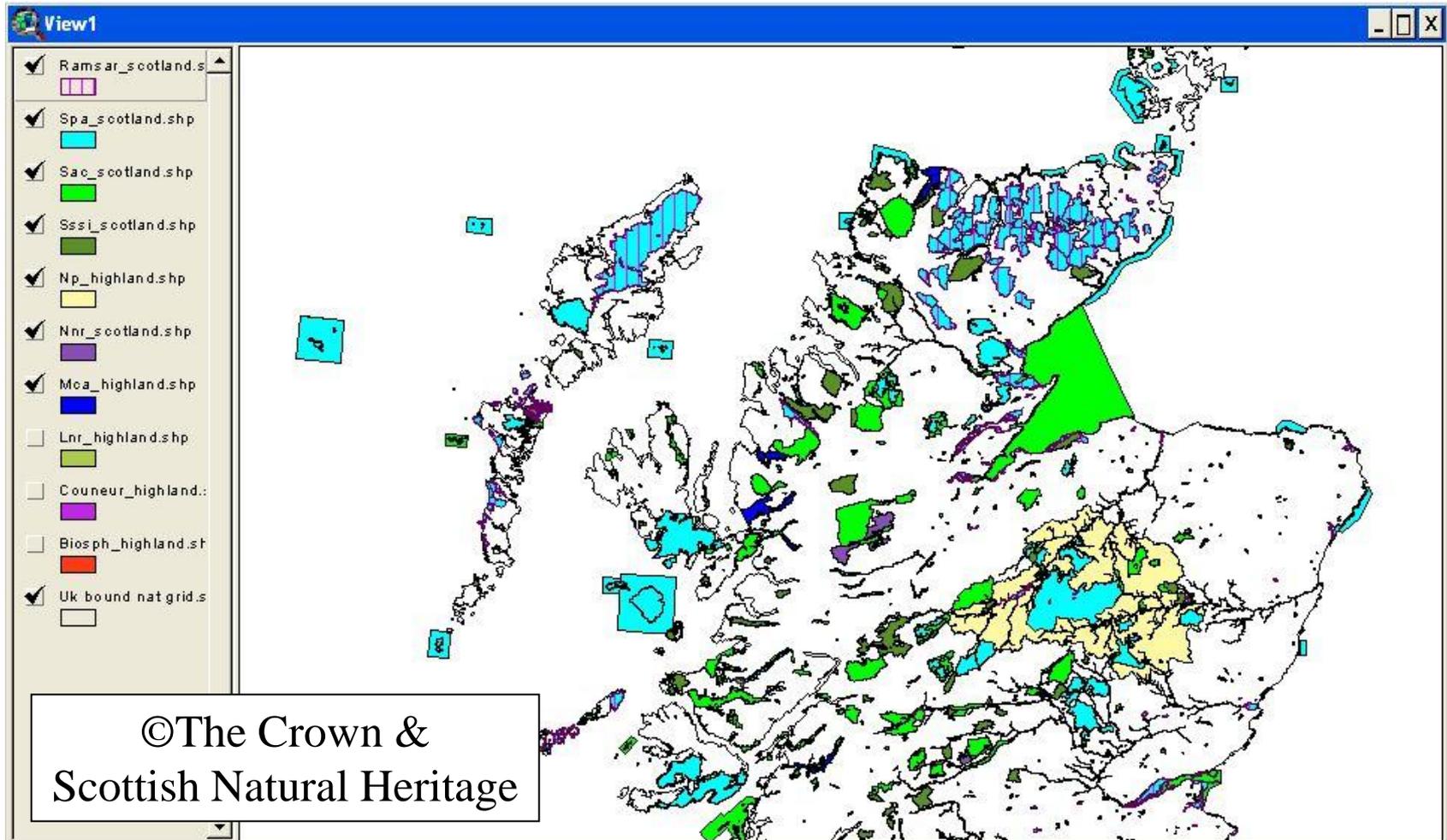


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# Anexo I: Espacios Protegidos/areas

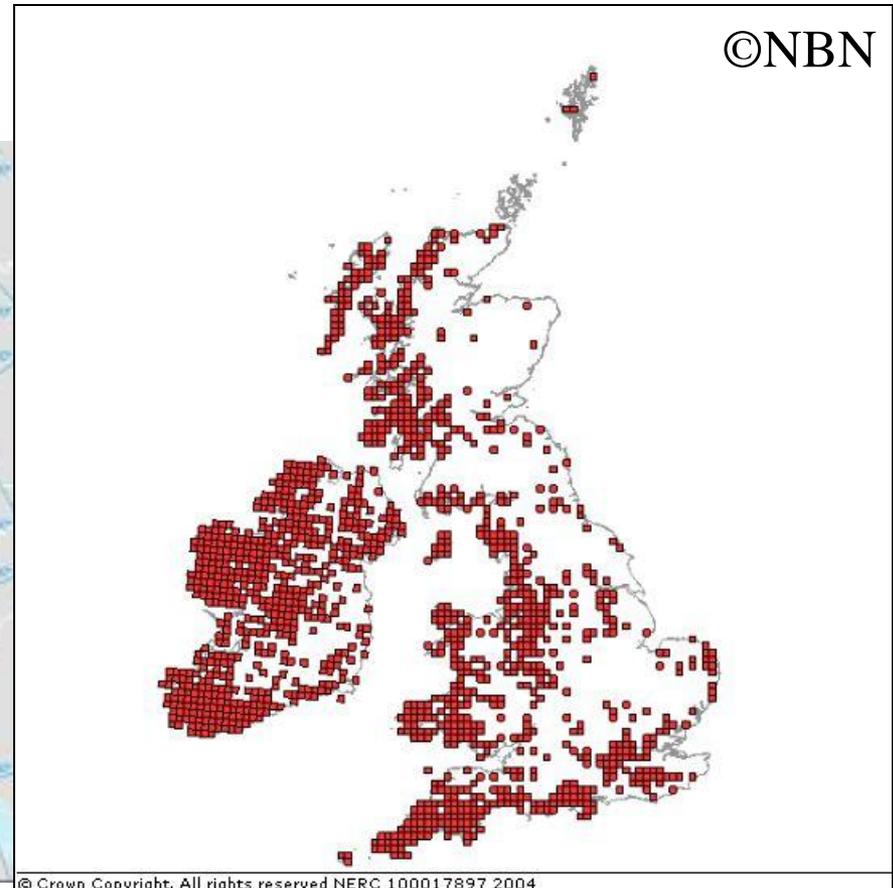
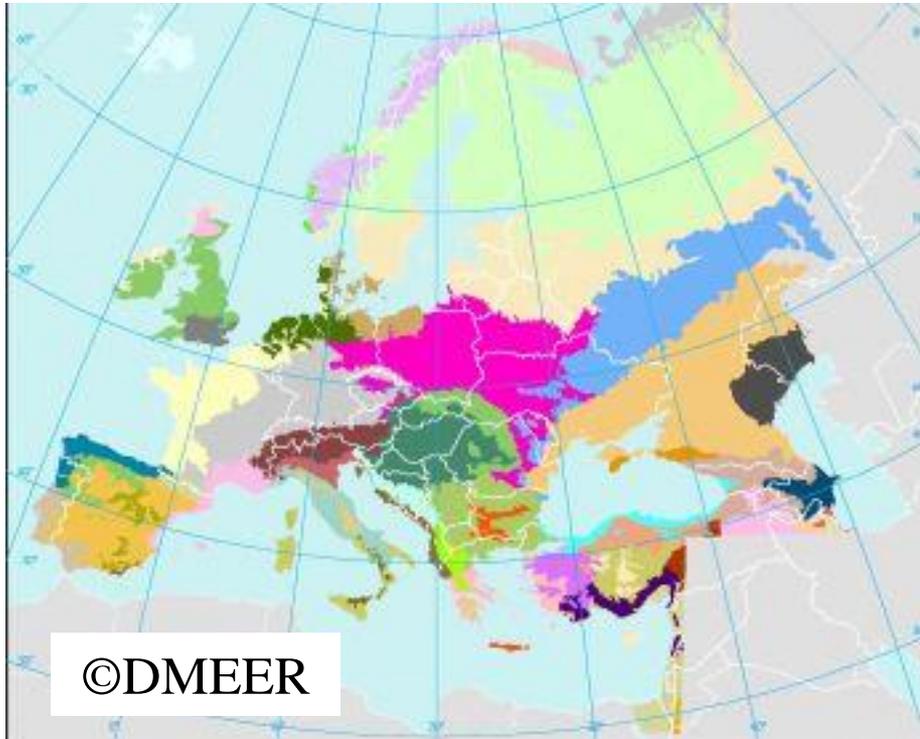


## Temas Anexo III

18 Hábitats y Biotopos

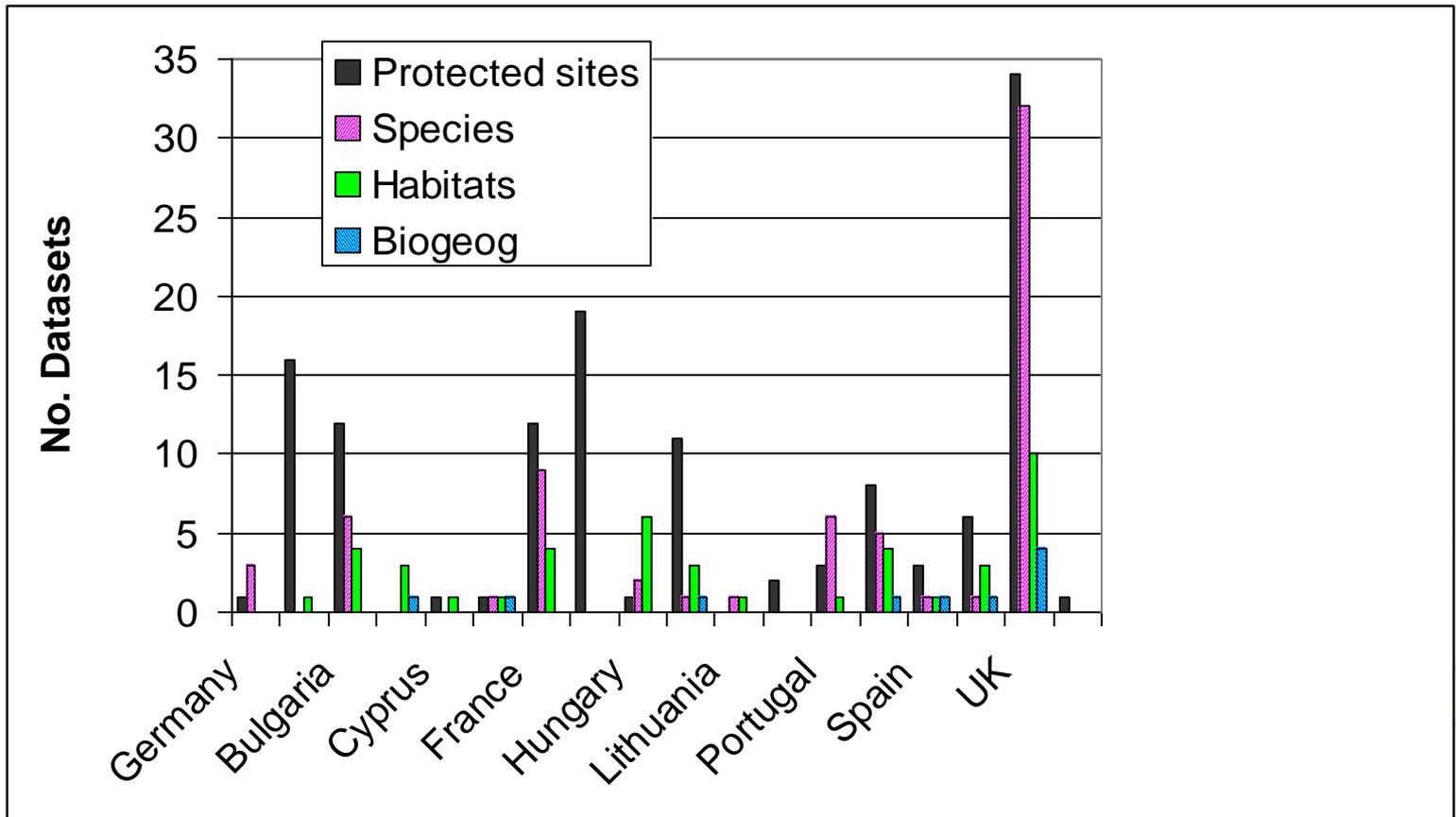
19 Regiones Biogeográficas

17 Distribución de Especies

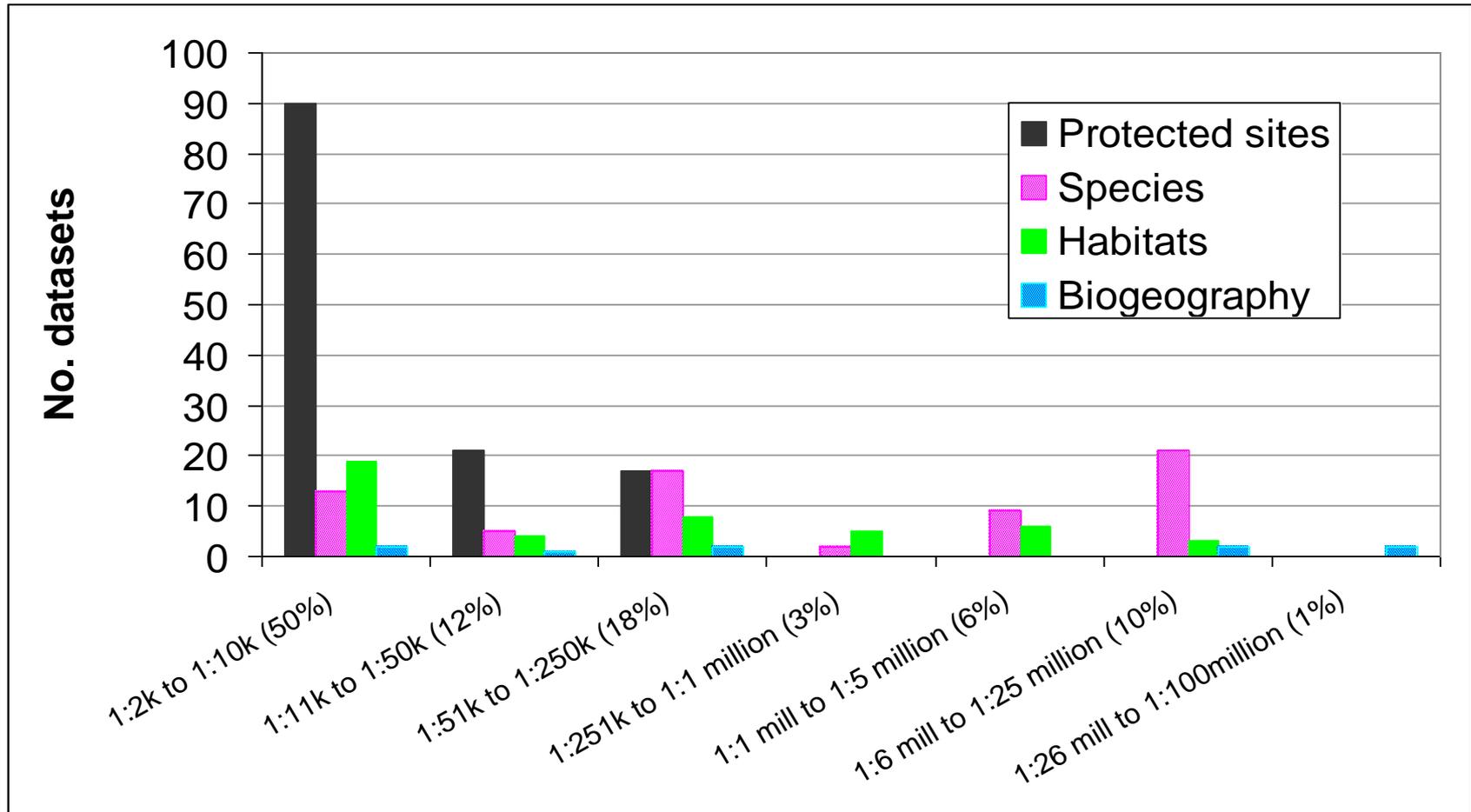


# Número de datasets

17 países, 21 socios proveedores de datos: 131 Espacios protegidos, 68 Especies, 43 Habitats y 11 Biogeografía  
**TOTAL 253**

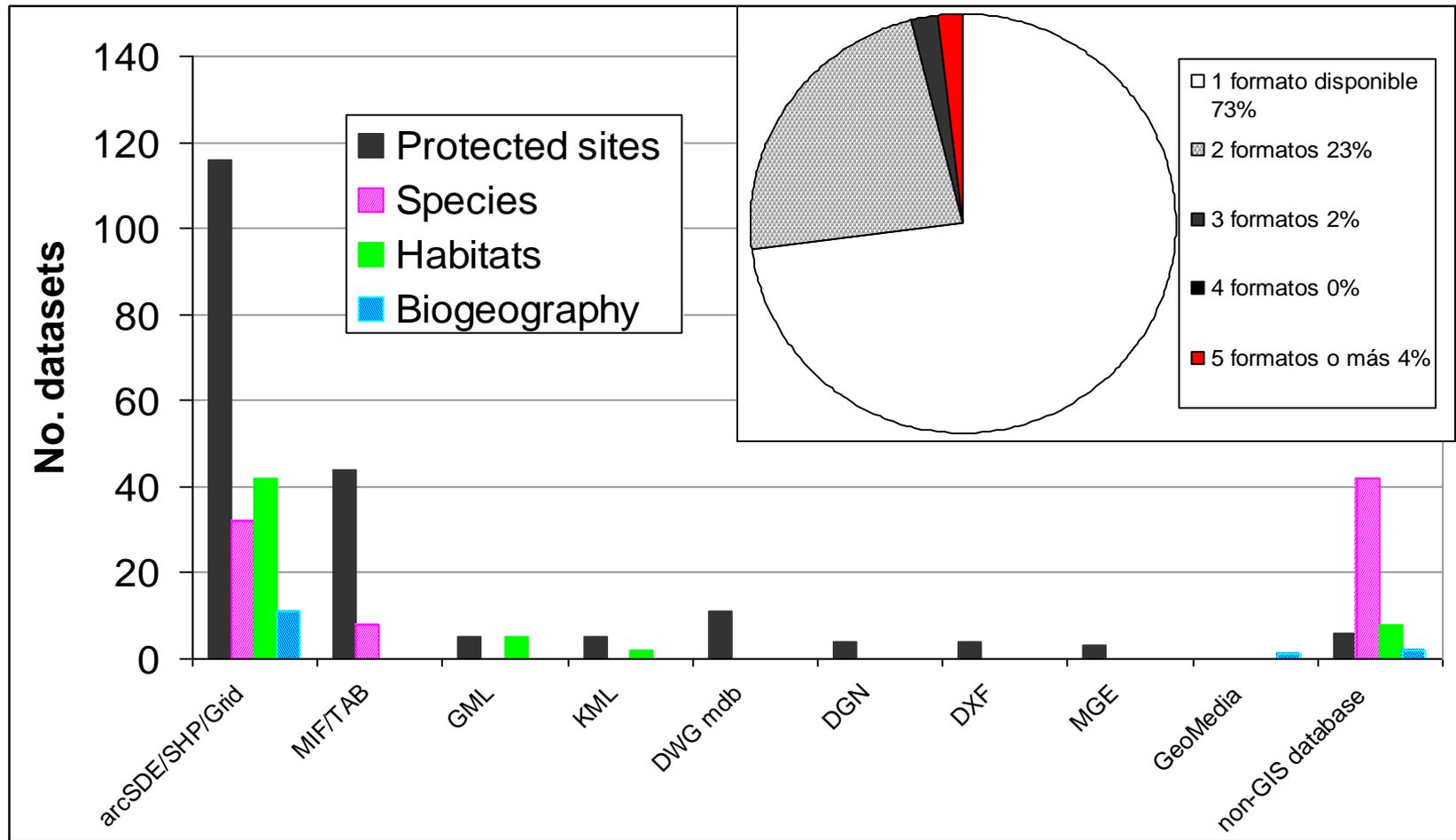


# Compatibilidad: Escala

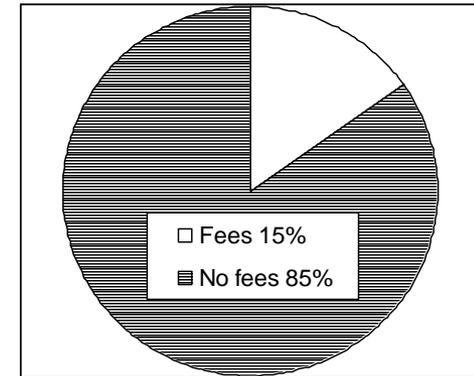
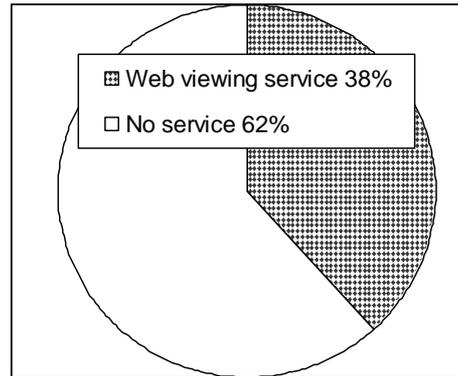
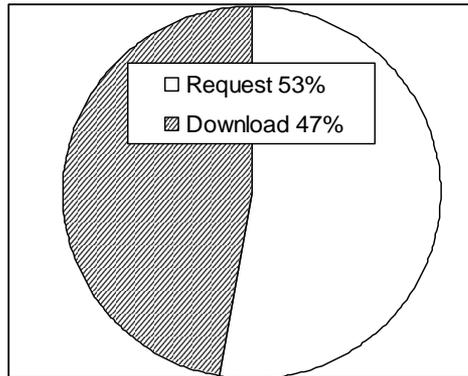


Escala

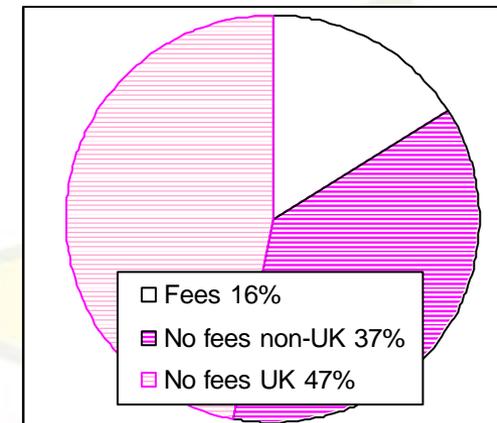
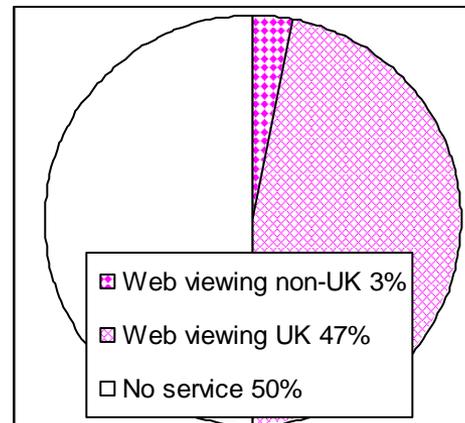
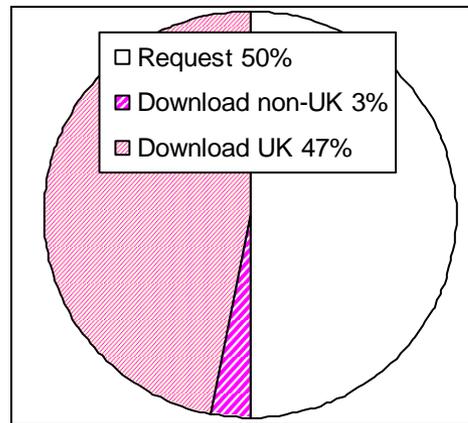
# Compatibilidad: Formato de los datos



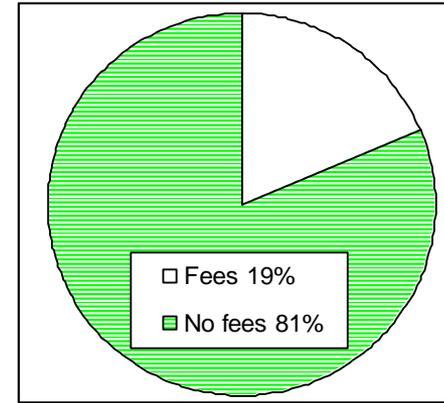
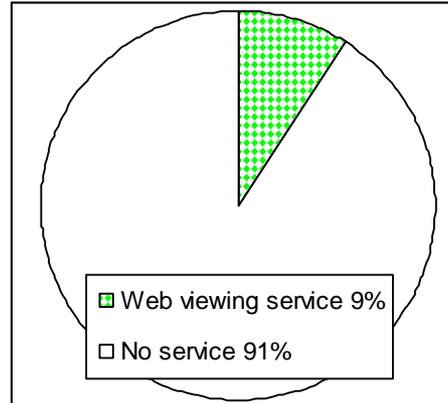
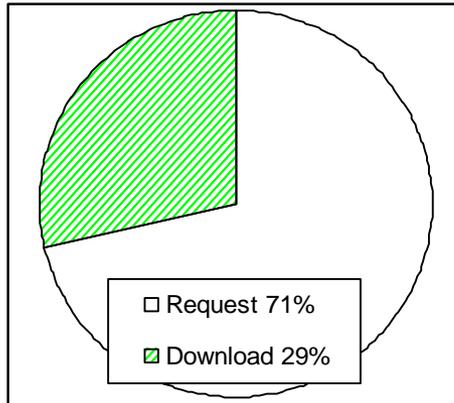
# Accesibilidad: Espacios Protegidos



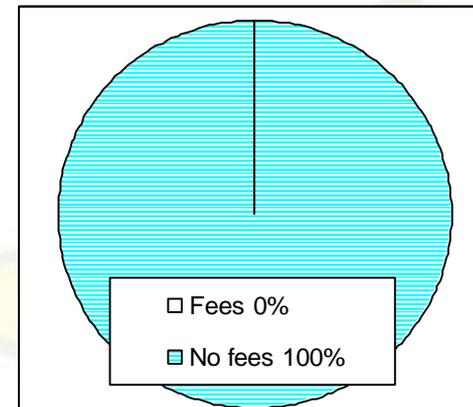
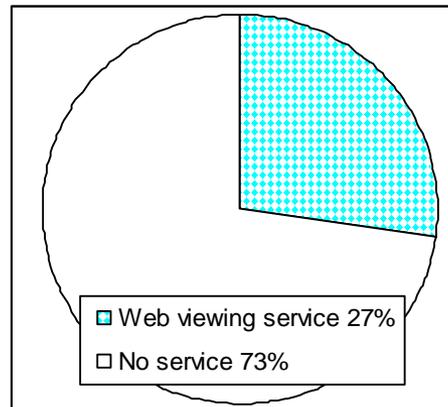
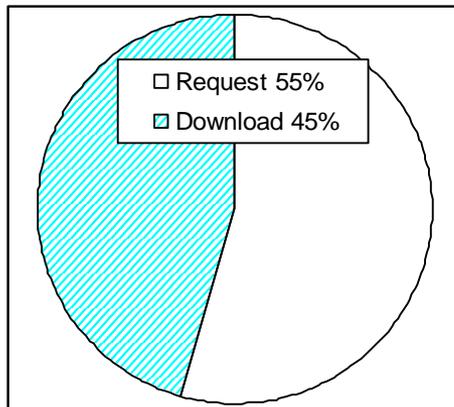
# Accesibilidad : Especies



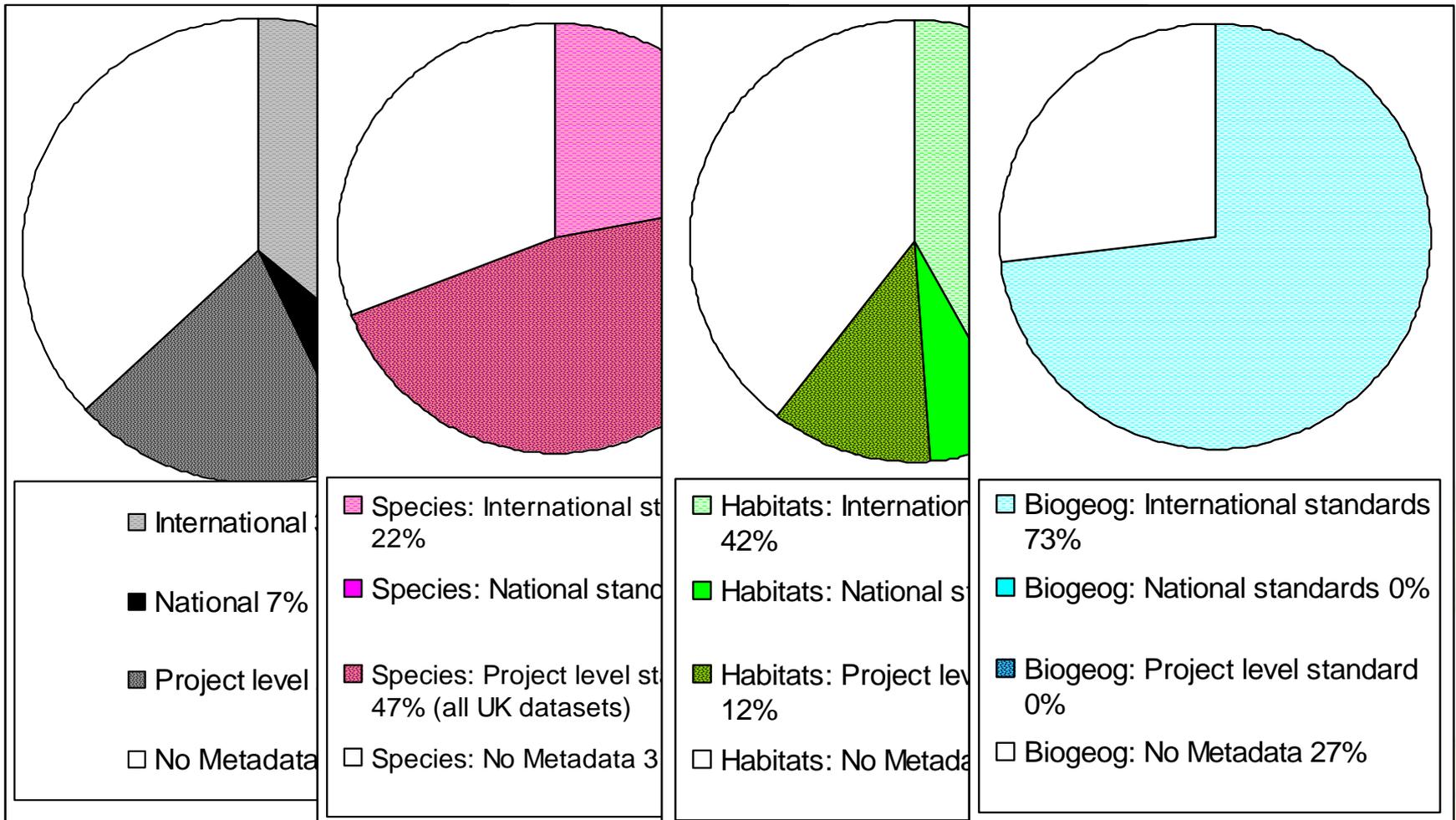
# Accesibilidad : Habitats



# Accesibilidad : Biogeografía



# Conformidad: Metadatos



# Conformidad: INSPIRE 1

<http://inspire.jrc.ec.europa.eu/>

Objetivo: Asegurar que las infraestructuras de datos espaciales de los Estados Miembros son compatibles y utilizables en toda la Comunidad en un contexto transfronterizo.



# Conformidad : INSPIRE 2

## (Lista de Features: Espacios Protegidos - según especificaciones de datos v2)

INSPIRE (v2.0) define 53 Atributos/features/campos bases de datos (7 obligatorios)

Attribute	Page	Enumerations & code lists	Page	Values
		Database profile	30	Simple, Full, Natura 2000
protectedFeatureType (for geo, archaeo & cultural sites)	15	ProtectedFeature Type	31	Geology, Archaeology
objectIdentifier (PF)	16			
globalAssessment	16			
percentageOfSiteCoveredByProtectedFeature	16			
percentageOfNationalTerritoryCoveredUnderProtectedFeature	16			
beginLifespanVersion	16			
endLifespanVersion	16			
objectIdentifier (PS)	17			
categoryType		Suggested addition		Ecological, Geological, Arch
siteCode	17			
siteCodeScheme	17	SiteCodeIdentifierScheme	31	UNEP WCMC, Natura 2000
geometry (implicit)	18			From wiki discussion
geometry (explicit)	N/A			An attribute with the x, y co-
IUCNCategory	18	IUCNCategory	29	Ia, Ib, II, III, IV, V, VI
activitiesAndImpactsOnSite	18	ActivityIntensityLevel	26-27	High, medium, low
		ActivityType (Nat 2k)	27	Appendix E in Nat 2k note (S

# Conformidad : INSPIRE 3

## (Lista de Features: Espacios Protegidos)

INSPIRE (v2.0) define 42 criterios de metadatos (5 obligatorios para Espacios Protegidos, y 19 elementos adicionales obligatorios para todos los temas)

Reference Systems	Requirement/Recommendation/page
Projection is Lambert Azimuthal Equal Area (ETRS89-LAEA)	Req 5 & Rec 5 page 44
Projection is Transverse Mercator (ETRS89-TMzn)	Req 5 & Rec 5 page 44
Projection can be re-projected onto either of the above	
Shape point	
Shape line/polyline	
Shape area/polygon	Req 5 & Rec 5 page 44
Date values use the Gregorian Calendar	Req 6 page 44
<b>Metadata</b>	
SpatialResolution	pg 48 (also pg 45 & pg 47) & Req 8 & Re
DQ_CompletenessOmmission	pg 48 (also pg 45 & pg 47) & Req 8
maintenanceAndUpdateFrequency	pg 48 (also pg 47) & Req 8
onLine	pg 49 (also pg 47) & Req 8
geographicIdentifier	pg 49 (also pg 47) & Req 8
Metadata profile	pg 50 (also pg 47) & Req 8
graphicOverview	pg 47 & Req 8
updateScope	pg 48 (also pg 47) & Req 8

## Conformidad : INSPIRE 4 (Lista de Features: Los 4 temas según especificaciones de datos V2.0)

### Obligatorio para Espacios Protegidos:

7 atributos/campos BD (definidos en V2 con algunos cambios propuestos por NatureSDIplus)

5 metadatos (INSPIRE v2 def.)

19 metadatos generales (INSPIRE v2)

### Obligatorio para Distribución de Especies:

5 atributos/campos BD (definidos en V2 con sugerencias de NatureSDIplus)

13 metadatos (Sugerencias de NatureSDIplus)

21 metadatos generales (INSPIRE v2)

### Obligatorio para Habitats y Biotopos:

4 atributos/campos BD (sugeridos en V2 y sugerencias de NatureSDIplus)

10 metadatos (sugerencias de NatureSDIplus)

21 metadatos generales (INSPIRE v2)

### Obligatorio para Regiones Biogeográficas:

4 atributos/campos BD (todos sugeridos por NatureSDIplus)

10 metadatos (sugerencias de NatureSDIplus)

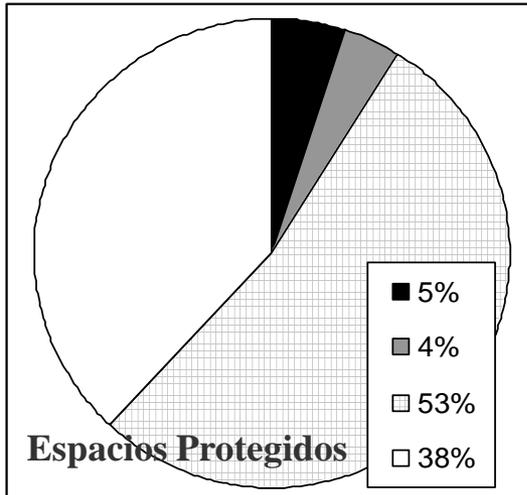
21 metadatos generales (INSPIRE v2)

# Conformidad: INSPIRE 5 (Espacios protegidos)

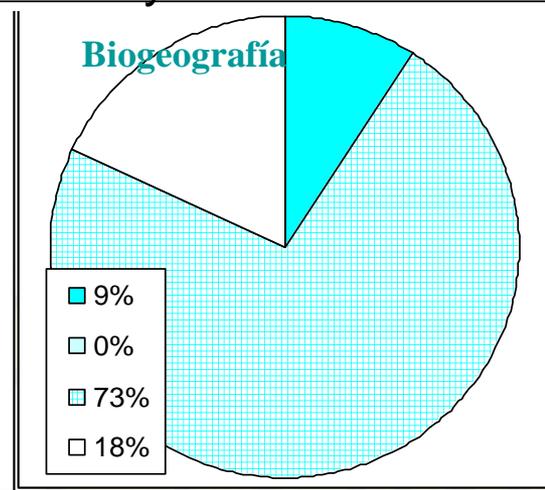
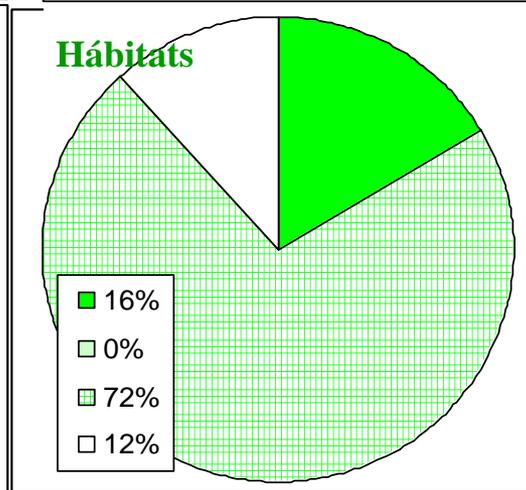
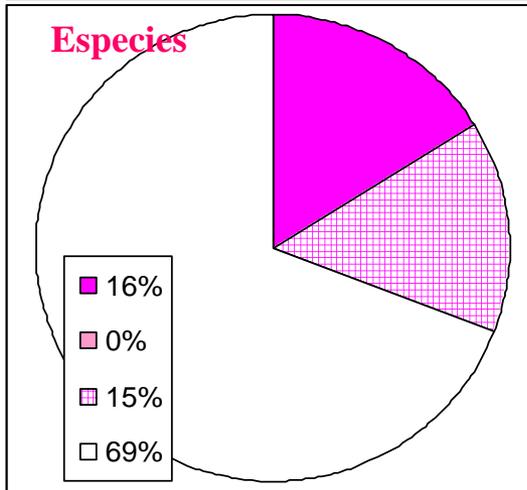
Country	Name of data layer	Database profile	ProtectedFeature							ProtectedSite (=Protected Area) DA														
			protectedFeatureType (for)	objectIdentifier (PF)	globalAssessment	percentageOfSiteCovered	percentageOfNationalTerr	beginLifespanVersion	endLifespanVersion	objectIdentifier (PS)	categoryType (eco, geo, a	siteCode	siteCodeScheme	geometry (implicit)	geometry (explicit x & y c	IUCNCategory	activitiesAndImpactsOnSi	accuracy	accuracyUnitsOfMeasure	designationType - eco (SA	designationType - geo	designationType - archeo	designationType - cultural	nationalDesignationType (
	Profile: D=non-compliant, A=simple, B=full, C=Natura 2000																							
	Yellow = Simple Profile																							
	Suggested additions																							
	Suggested deletions																							
	1 = existing attribute, 2 = found in metadata, but not in attributes																							
	3 = not in attributes or metadata but available to responsible agency either online or offline																							
<b>Austria</b>	Berchtesgaden National Park	0							1	3			1	1	3		3		1				3	2
	RAMSAR	0							1	3			1	1	3		3		3				3	
	UN Weltkulturerbe	0							1	3			1	1	3		3		3					
	Nat2k Vogelschutzrichtlinie	0							1	3			1	1	3		3		3				3	
	Nat2k FFH Richtlinie	0							1	3			1	1	3		3		1				3	
	Protected Landscape S	0							1	3			1	1	3		3		3				3	
	Landscape Protection Area	0							1	3			1	1	3		3		3				3	

Esta es la tabla de coincidencias en la que las *columnas* representan la lista de features de Espacios Protegidos (atributos, sistema de referencia y metadatos requeridos por INSPIRE) y las *filas* las 131 capas de Espacios protegidos.

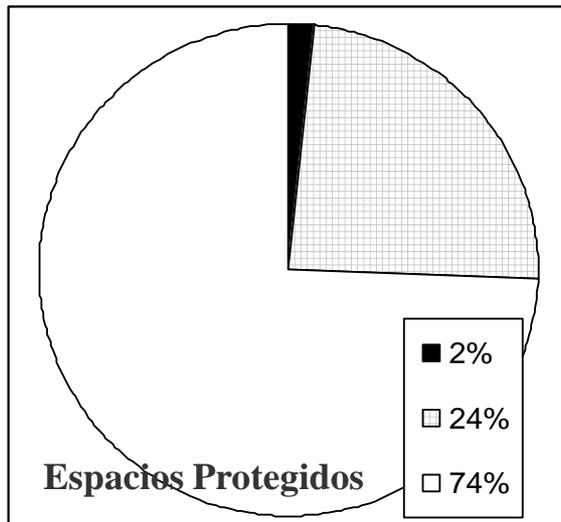
# Conformidad: INSPIRE 6 (Campos BD/Atributos)



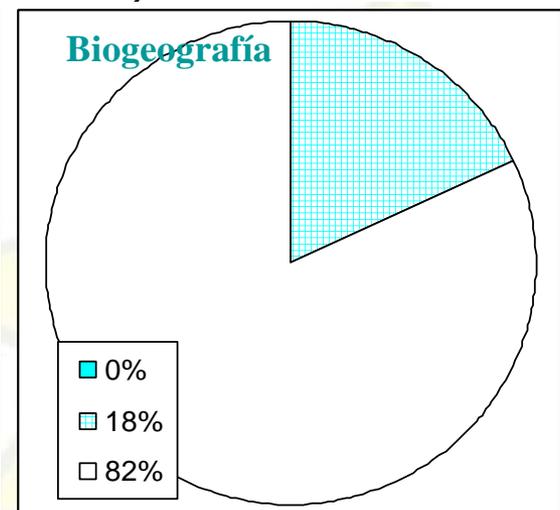
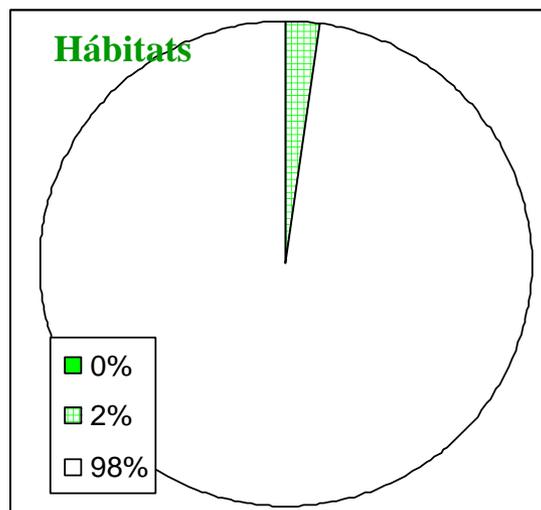
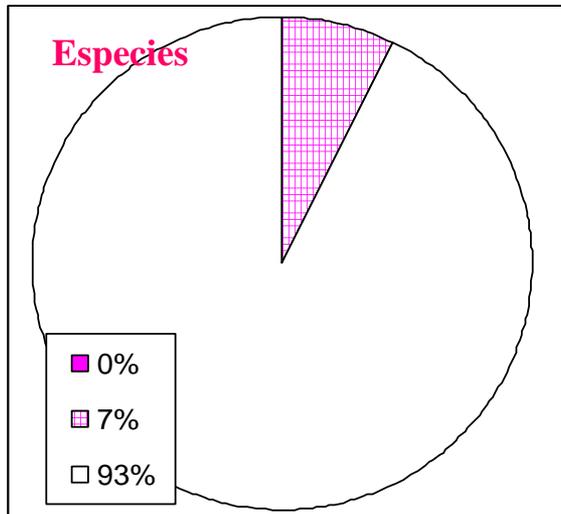
- Conformidad a nivel básico de BD o MDI
- Conformidad BD obtenible a través de MD
- ▨ Conformidad BD y MD obtenida de otra información
- Se requiere investigar en detalle para obtener conformidad BD y MD



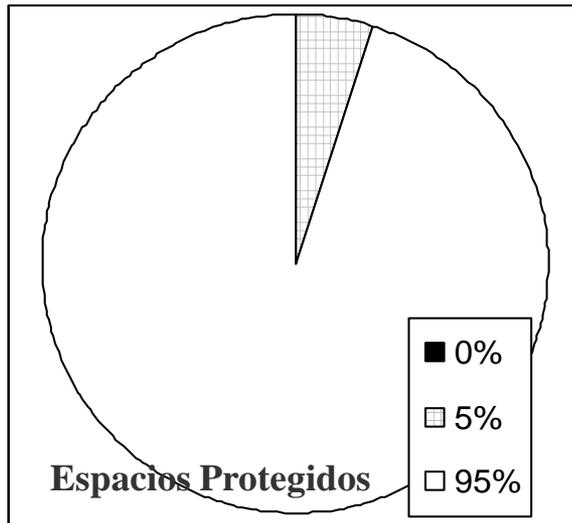
# Conformidad: INSPIRE 7 (Metadatos)



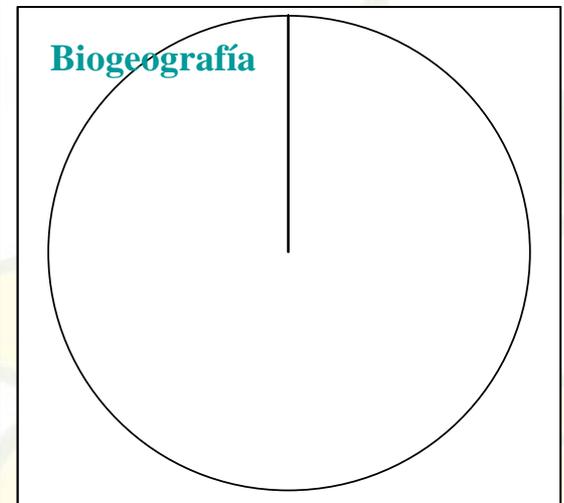
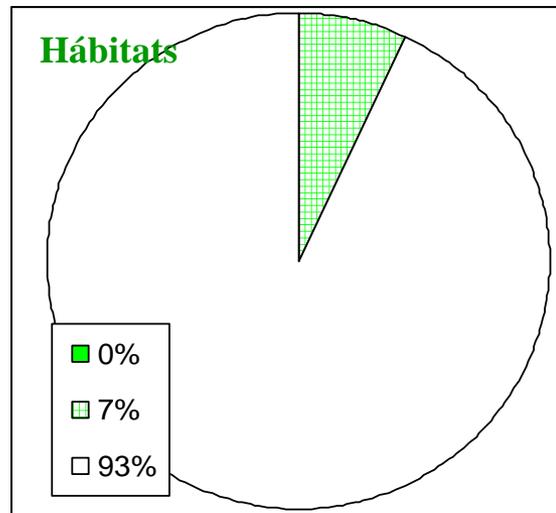
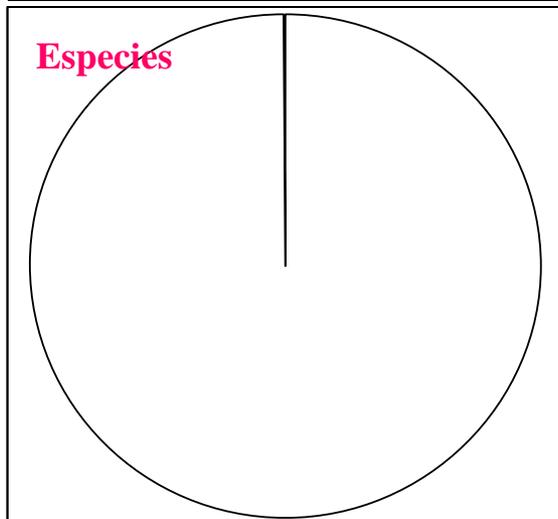
- Conformidad a nivel básico de BD o MDI
- ▨ Conformidad BD obtenible a través de MD
- ▩ Conformidad BD y MD obtenida de otra información
- Se requiere investigar en detalle para obtener conformidad BD y MD



# Conformidad: INSPIRE 8 (Metadatos generales)



- Conformidad a nivel básico de BD o MDI
- ▣ Conformidad BD obtenible a través de MD
- ▣ Conformidad BD y MD obtenida de otra información
- Se requiere investigar en detalle para obtener conformidad BD y MD



# Conformidad: INSPIRE 9 - Especificaciones datos v3.0

Version 2.0 Attribute	Page	Version 3.0 Attribute	Page
		applicationSchema (simple/full/natura2000)	20
objectIdentifier (PS)	17	inspireID	19
categoryType	NatSDI	siteProtectionClassification	19
siteCode	17	siteDesignation	19
siteCodeScheme	17		
geometry (implicit)	18	geometry	19
geometry (explicit)	N/A		
IUCNCategory	18	see DesignationScheme	
activitiesAndImpactsOnSite	18	activitiesAndImpacts	30
accuracy	18		
accuracyUnitsOfMeasure	18		
designationType - eco	18	designationScheme	20
designationType - geo	NatSDI	designation	20
designationType - archaeo	NatSDI		
designationType - cultural (inc)	NatSDI		
nationalDesignationType	19		
siteDescription	19		
qualityAndImportance	19		
vulnerability	19	vulnerability	19
ownership	19	ownership	19
documentation	19	documentation	28
legalFoundationDocument	19	legalFoundationDocument	19
legalFoundationDate	20	legalFoundationDate	19
legalExpiryDate	20	legalExpiryDate	20
beginLifespanVersion	20	beginLifespanVersion	20
endLifespanVersion	20	endLifespanVersion	20
dataSource	21	dataSource	21
officialSiteArea	21	officialSiteArea	21
		geographicalName	21
		fundingSource	21
		siteManagementPlan	21
		objectIdentifier (RA)	22
		responsibleAgencyName	23
		beginLifespanVersion	23
		endLifespanVersion	23
		isResponsibleFor	23
		activityIntensity	24
		natureOfInfluence	24
		activity	24
		percentageUnderActivity	24
		projectName	25
		fundingType	25
		IUCNCategory	25
		percentageUnderIUCNCatego	25
		percentageCovered	26
		siteManagementPlanReferen	26
		isExecutedBy	26
		siteName	20
		fundingSource	21
		siteManagementPlan	21
		objectIdentifier (RA)	22
		responsibleAgencyName	23
		beginLifespanVersion	23
		endLifespanVersion	23
		activityIntensity	24
		natureOfInfluence	24
		activity	24
		percentageUnderActivity	24
		projectName	25
		fundingType	25
		see siteProtection Classification &	
		percentageUnderDesignation	20
		siteManagementPlanReferen	34
		SiteLength	29
		natura2000Respondent	29
		protectedEntity	29
		presentHabitat	29
		timePeriod	29
		SiteIdentifier	30
		spatialResolution	30
		percentageUnderHabitat	33
		hasHabitat	33
		globalAssessment	33
		percentageOfSiteCoveredByf	33
		percentageOfNationalTerritor	33
		siteIdentifier	34
		siteIdentifierScheme	34

# Conclusiones: Implicaciones de recursos

## COSTES

Posibilidad de transformación conforme a INSPIRE : Cuestiones Técnicas

- Sistemas de Referencia
- Atributos
- Metadatos
- Calidad y consistencia de los datos
- Representación de los datos

Posibilidad de transformación : Recursos, especialmente para formación y captura de nuevos datos