# NATURA 2000 VIEWER

#### **USER GUIDE**

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# Introduction

The present document describes:

- Natura 2000 viewer functionality.
- How to use Natura 2000 Viewer.



# Natura 2000 Viewer functionality

The main purpose of this viewer is to show data (spatial and tabular) of the latest public release of Natura 2000.

In order to make this task easier for the user, the application offers graphical and alphanumeric searches with a friendly interface based on Web App Builder for ArcGIS.

This viewer is developed in HTML/JavaScript, avoiding limitations of the previous viewer implemented in Flex, such us, plugins requirements (Adobe Flash Player) and use on tablets and smartphones.

Besides it is integrated with ArcGIS Online / Portal platforms and offers an extensible framework for developers to create new widgets and functionalities.





# **User Guide**

Public version: Natura2000 viewer only with public data for generic users

• http://natura2000.eea.europa.eu



The viewer has 5 main sections: **header banner** with several options (layers, legend, and drawing), **zoom tools** on the left, **searches panel** close together, the **map** on the centre of the viewer and the **footer information** with the overview and company info on the bottom.





#### 3.1 Searches controls

#### 3.1.1 Esri World Geocoder

The user can type an address or a part of it and the locator searches all possible similarities and displays the selected record in the map.







## **3.1.2 Searches options**

In this section the user can do searches of sites by name/code, by species or by habitats selecting the corresponding tag.



• Search sites by name/code: User has to enter one or more characters to execute the search by name or code. This textbox is configures to offer all possible similarities.





This search can be done under Habitats Directive Sites (pSCI, SCi or SAC), Bird Directives Sites (SPA) or under both.

By V	/alue	Results	
Find a site by it:	s official Natura 2000 sit	e code or site name	
	ctive Sites (pSCI, SCI or		
	ctive Sites (pSCI, SCI		
Birds Directiv	e Sites (SPA)		
All Natura 20	00 site types		
SITE NAME:			
	Type one or more ci	haracters	
Search			

The widget shows the result on the grid and on the map at the same time







Habitats Directive Sites (pSCI, SCI or SAC) Kivé hrabiny (SiteCode: SKUEV0086) Area: 83.04 ha **Standard Data Form** Area of habitat types in the site I of the form of the site I of the si

The user can access to details of the site by clicking on it.



• Search sites by species: User can search for species by name or by code, typing one or more characters.

By Value	Results
Find all Natura 2000 sites for a s	species
Species by Name	¥
Species by Name	
Species by Code	
Type one or	more characters
Search	

As in other searches widgets, textbox offers the user a list of similarities to help user finding the correct species.





Once the user has selected the species, the widget displays the results.

With these results user can activate other layers (type of use and population size) to see Species by other values. These layers will be displayed on the map with other colours specified in the legend





• Search sites by habitats: User can search for habitats by name or by code, typing one or more characters.

	e search by habitat typ		×
	By Value	Results	
Find	I all Natura 2000 sites for a ha	bitat type	
H	abitat type by Name	-	
Hat	bitat type by Name		
Hal	bitat type by Code		
~	Type one or m	nore characters	
s	earch		
	12		

Once the user has selected the habitat type, the widget displays the results.





With these results and using Layer List widget user can activate other layers (degree of conservation of habitat types and habitat type area in the site) to see Habitat by other values. These layers will be displayed on the map with other colours specified in the legend.





• Show species distribution: With this option user can see species by Art.12 / Art.17, typing species name / code

By Valu	ue	R	esults
As reported by EU Art. 17 Habitats Di	Member States u rective	nder Art. 12 B	irds Directiv
Birds species (Ai	rt 12)		-
Species by Nam	e		
Species Name:	bubo bu	30	×
	Bubo bubo	characters	
Search	L	ļ.	

iow species distribution	×	Show species distribution	n
By Value	Reautts	By Value	Results
reported by EU Member States / 17 Habitats Directive	under Art. 12 Birds Directive or	As reported by EU Member State Art. 17 Hebitets Directive	a under Art. 12 Birda Directive o
irds apecies (Art 12)	2	Birds species (Art 12)	
pecies by Name		Birds species (Art 12) Species other than birds (Art	17)
ecies by Name			
ecies by Code		Species Neme	
lips are or ma	Ne citaractera	Type one or m	ior# characters
ieardy.		Search	



	1 miles	
Show species distribution	×	
By Value	Results	
	Zoom All Clear	
Features selected: 21		S. 55
COUNTRY: AT CODE: A215	*	REAL PROPERTY OF
COUNTRY: BE CODE: A215	*	NORWA
COUNTRY: BG CODE: A215	*	Stockfolme
COUNTRY: CZ CODE: A215	<b>*</b>	dan M
COUNTRY: DE CODE: A215	*	London. PR-

Widget shows the official results on the grid and on the map. This information is provided by the official and public Art 12 and Art 17 services.



• Show habitat distribution: With this option user can see habitat by Art.17, typing habitat name / code

Show habitat distribution	;
By Value	Results
As reported by EU Member States un	der Art. 17 Habitats Directive
Art. 17	
Habitat type by Name	Ţ
Habitat type by Name	
Habitat type by Code	
Type one or more	characters
Search	

Widget shows the official results on the grid and on the map. This information is provided by the official and public Art 17 service.



#### 3.2 Header options

# 3.2.1 Layer list

With this widget the user can access to the layers of the web map, to see and modify the transparency, the visibility and the position of each layer.

Besides, when a query is represented in the map, the related operational layer appears in this widget.



	Layer list 🛛 🕹
l	Operational layers
l	▶ Natura2000 Species
	▶ Natura 2000 Habitat type
	▶ 🗹 Natura2000 Sites
	▶ Biogeographical Regions
	▶ Land parcels purchased with LIFE co-funding



## 3.2.2 Species distribution Article 12 and 17

For layers related to Species distribution Art.12 and 17, there is a particular layer list widget. With this widget, users can carry out the same actions as in the "layer list" widget, but for the specific queries done under "Show Species distribution" option.

Q 😂 Netura 2000 Network Viewer 🐘	CHINE MARK	RYRENAO
The West Decestre		Species distribution Article 1
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		-i∑ keyi —
	And States	and a second sec
and the second s	Candens	teres

Once a Species distribution search is successfully represented in the map, this widget will show both layers checked (Distribution/Range reported under Art.17 – Habitat Directive and Distribution/Range reported under Article 12, Birds Directive).



# 3.2.3 Habitat distribution Article 17

For layers related to Habitat distribution Art. 17, there is a particular layer list widget. With this widget, users can carry out the same actions as in the "layer list" widget, but for the specific queries done under "Show Habitat distribution" option.

Q 🔐 Netura 2000 Network Viewer	Internet Agents			RYAEL	
The West Decesive Q				Hubitar distribution Anticle 17	
		Autor			10
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	and the	Gen	.00		faire Data
CHARLES THE PARTY OF THE PARTY		1. The second	- The sta	Sand Comparent States	

Once a Habitat distribution search is successfully represented in the map, this widget will show the layer 'Distribution/Range reported under Art.17 – Habitat Directive' checked.



# 3.2.4 Legend

This section shows the characteristics of the activated services maps of the web map. The user can see how many levels have the services and the simbology of each activated layer.

Leg	end			*
Natu	ura2000 Site	s		
Habit	tats Directive S	Sites (pSCl, S	Cl or SAC)	
11	Habitats Dire	ective Sites (p	SCI, SCI or SAC)	
	Directive Site	10 10		
1	Birds Directi	ve Sites (SPA)	1	



# 3.2.5 Basemap gallery

Use the basemap gallery widget to select a basemap for the map.





## 3.2.6 Add data

This option enables users to add data to the map by searching for layers in ArcGIS Online, entering URLs, or even uploading local files in different formats (SHP, CSV, GPX and GeoJSON). This data should eb added temporarily to the map, but they cannot save them to the map.

Add Data				*	×
Search		URL		File	
ArcGIS Online	*	Searc	h		٩
Within map	2227	Туре	<ul> <li>Rele</li> </ul>	vance 🔻	
-		nnet_info			
	Feature 5	ervice by rhvaa	ADD	DETAILS	
-	Embass	yMap ervice by kvola	0		
	reature 5	ervice by kvola	ADD	DETAILS	
		ransportatio ice by esri	n		
	inap serv	ice by ear.	ADD	DETAILS	
	FL Feature Service by Tecnologie				
	- coure o	ennee by reen		DETAILS	
	NBP_CustomerOutageSummaryLIVE Feature Service by lanEagles				
• •	- service of	erine of initia		DETAILS	
A limit	World In	magery			0



# 3.2.7 About

This section shows to the user the general description of Natura 2000 viewer, and the possibility of open the disclaimer, about documents and EEA ArcGIS Online workspace(Only in for intranet users).





## 3.3 ZOOM Tools

With the zoom tools the user can perform the basic operations of navigation on the map, such as, zoom in/out or full extent.

