



MINISTRY  
OF MARITIME ECONOMY  
AND INLAND NAVIGATION

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# **Data use and sharing in MSP Directive**

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# Directive **2014/89/EU** of The European Parliament and of The Council of 23 July 2014 establishing a framework for maritime spatial planning

## **Article 8**

### **Setting-up of maritime spatial plans**

1. When establishing and implementing maritime spatial planning, Member States shall set up maritime spatial plans which identify the spatial and temporal distribution of relevant existing and future activities and uses in their marine waters, in order to contribute to the objectives set out in Article 5.
2. In doing so and in accordance with Article 2(3), Member States shall take into consideration relevant interactions of activities and uses.



Without prejudice to Member States' competences, possible activities and uses and interests may include:

- aquaculture areas,
- fishing areas,
- installations and infrastructures for the exploration, exploitation and extraction of oil, of gas and other energy resources, of minerals and aggregates, and for the production of energy from renewable sources,
- maritime transport routes and traffic flows,
- military training areas,
- nature and species conservation sites and protected areas,
- raw material extraction areas,
- scientific research,
- submarine cable and pipeline routes,
- tourism,
- underwater cultural heritage.



## Article 10

### Data use and sharing

1. Member States shall organise the use of the best available data, and decide how to organise the sharing of information, necessary for maritime spatial plans.
2. The data referred to in paragraph 1 may include, inter alia:
  - (a) environmental, social and economic data collected in accordance with Union legislation pertaining to the activities referred to in Article 8;
  - (b) marine physical data about marine waters.
3. When implementing paragraph 1, Member States shall make use of relevant instruments and tools, including those already available under the IMP, and under other relevant Union policies, such as those mentioned in **Directive 2007/2/EC**.



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## Transposition checklist for Directive 2014/89/EU (MSP)

Article 10	Data use and sharing	Transposition required?	Comments	Related Articles
10(1)	Member States shall organise the use of the best available data, and decide how to organise the sharing of information, necessary for maritime spatial plans.	Yes	Member States' decision regarding the use of data and the sharing of information should also be clarified in the plan(s) and accompanying documents.	
10(2)	The data referred to in paragraph 1 may include, inter alia:	No	This paragraph is illustrative.	
10(2)(a)	environmental, social and economic data collected in accordance with Union legislation pertaining to the activities referred to in Article 8;			
10(2)(b)	marine physical data about marine waters.			
10(3)	When implementing paragraph 1, Member States shall make use of relevant instruments and tools, including those already available under the IMP, and under other relevant Union policies, such as those mentioned in Directive 2007/2/EC.	No	The transposition of this paragraph is optional.	



## **Article 11**

### **Cooperation among Member States**

1. As part of the planning and management process, Member States bordering marine waters shall cooperate with the aim of ensuring that maritime spatial plans are coherent and coordinated across the marine region concerned. Such cooperation shall take into account, in particular, issues of a transnational nature.
2. The cooperation referred to in paragraph 1 shall be pursued through:
  - (a) | existing regional institutional cooperation structures such as Regional Sea Conventions; and/or
  - (b) | networks or structures of Member States' competent authorities; and/or
  - (c) | any other method that meets the requirements of paragraph 1, for example in the context of sea-basin strategies.



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Article 11	Cooperation among Member States	Transposition required?	Comments	Related Articles
11(1)	As part of the planning and management process, Member States bordering marine waters shall cooperate with the aim of ensuring that maritime spatial plans are coherent and coordinated across the marine region concerned. Such cooperation shall take into account, in particular, issues of a transnational nature.	Yes	The obligation of coordination as specified here goes beyond the obligation to share information. Even though it does not require Member States to establish similar mechanisms, it implies setting-up cooperation procedures.	
11(2)	The cooperation referred to in paragraph 1 shall be pursued through:	No	Although the competence to defining the means of that cooperation is left to Member States, those means should be further clarified in the plan(s) and accompanying documents.	
11(2)(a)	existing regional institutional cooperation structures such as Regional Sea Conventions; and/or			
11(2)(b)	networks or structures of Member States' competent authorities; and/or			
11(2)(c)	any other method that meets the requirements of paragraph 1, for example in the context of sea-basin strategies.			



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**Directive 2007/2/EC** of The European Parliament and of The Council of  
14 March 2007 establishing an Infrastructure for Spatial Information in  
the European Community (INSPIRE)

**Article 17 - DATA-SHARING**

1. Each Member State shall adopt measures for the sharing of spatial data sets and services between its public authorities referred to in point (9)(a) and (b) of Article 3. Those measures shall enable those public authorities to gain access to spatial data sets and services, and to exchange and use those sets and services, for the purposes of public tasks that may have an impact on the environment.
2. The measures provided for in paragraph 1 shall preclude any restrictions likely to create practical obstacles, occurring at the point of use, to the sharing of spatial data sets and services.
3. Member States may allow public authorities that supply spatial data sets and services to license them to, and/or require payment from, the public authorities or institutions and bodies of the Community that use these spatial data sets and services. Any such charges and licenses must be fully compatible with the general aim of facilitating the sharing of spatial data sets and services between public authorities. Where charges are made, these shall be kept to the minimum required to ensure the necessary quality and supply of spatial data sets and services together with a reasonable return on investment, while respecting the self-financing requirements of public authorities supplying spatial data sets and services, where applicable. Spatial data sets and services provided by Member States to Community institutions and bodies in order to fulfil their reporting obligations under Community legislation relating to the environment shall not be subject to any charging.





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4. The arrangements for the sharing of spatial data sets and services provided for in paragraphs 1, 2 and 3 shall be open to public authorities referred to in point (9)(a) and (b) of Article 3 of other Member States and to the institutions and bodies of the Community, for the purposes of public tasks that may have an impact on the environment.
5. The arrangements for the sharing of spatial data sets and services provided for in paragraphs 1, 2 and 3 shall be open, on a reciprocal and equivalent basis, to bodies established by international agreements to which the Community and Member States are parties, for the purposes of tasks that may have an impact on the environment.
6. Where the arrangements for the sharing of spatial data sets and services provided for in paragraphs 1, 2 and 3 are made available in accordance with paragraphs 4 and 5, these arrangements may be accompanied by requirements under national law conditioning their use.
7. By way of derogation from this Article, Member States may limit sharing when this would compromise the course of justice, public security, national defence or international relations.
8. Member States shall provide the institutions and bodies of the Community with access to spatial data sets and services in accordance with harmonised conditions. Implementing rules governing those conditions, designed to amend non-essential elements of this Directive by supplementing it, shall be adopted in accordance with the regulatory procedure with scrutiny referred to in Article 22(3). These implementing rules shall fully respect the principles set out in paragraphs 1 to 3.



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## INSPIRE THEMES:

### ANNEX I

1. Coordinate reference systems
2. Geographical grid systems
3. Geographical names
4. Administrative units
5. Addresses
6. Cadastral parcels
7. Transport networks
8. Hydrography
9. Protected sites

### ANNEX II

1. Elevation
2. Land cover
3. Orthoimagery
4. Geology

### ANNEX III

1. Statistical units
2. Buildings
3. Soil
4. Land use
5. Human health and safety
6. Utility and governmental services
7. Environmental monitoring facilities
8. Production and industrial facilities
9. Agricultural and aquaculture facilities
10. Population distribution — demography
11. Area management/restriction/regulation on zones and reporting units
12. Natural risk zones
13. Atmospheric conditions
14. Meteorological geographical features
15. Oceanographic geographical features
16. Sea regions
17. Bio-geographical regions
18. Habitats and biotopes
19. Species distribution
20. Energy resources
21. Mineral resources



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## INSPIRE THEMES:

### ANNEX I

1. Coordinate reference systems
2. Geographical grid systems
3. Geographical names
4. **Administrative units**
5. Addresses
6. Cadastral parcels
7. **Transport networks**
8. **Hydrography**
9. **Protected sites**

### ANNEX II

1. **Elevation** (bathymetry)
2. Land cover
3. Orthoimagery
4. **Geology**

### ANNEX III

1. Statistical units
2. Buildings
3. Soil
4. Land use
5. Human health and safety
6. **Utility and governmental services**
7. **Environmental monitoring facilities**
8. **Production and industrial facilities**
9. **Agricultural and aquaculture facilities**
10. Population distribution — demography
11. **Area management/restriction/regulation zones and reporting units**
12. **Natural risk zones**
13. **Atmospheric conditions**
14. **Meteorological geographical features**
15. **Oceanographic geographical features**
16. **Sea regions**
17. **Bio-geographical regions**
18. **Habitats and biotopes**
19. **Species distribution**
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21. **Mineral resources**



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INSPIRE themes consume a lot from scope of MSP data



INSPIRE themes use source public data



Web services are convenient way to obtain data



Lack of some data, yet.



## Examples of geoportals which are in line with **INSPIRE Directive** principles:

<http://inspire-geoportal.ec.europa.eu/> - European access point for  
spatial data and services

<http://www.geoportal.gov.pl/>

<http://inspire.gios.gov.pl>

<http://geoserwis.gdos.gov.pl/mapy/>

<https://geo.stat.gov.pl/pl>



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<http://inspire-geoportal.ec.europa.eu/>

The INSPIRE geoportal provides the means to search for spatial data sets and spatial data services, and subject to access restrictions, to view spatial data sets from the EU Member States within the framework of the INSPIRE Directive.

The screenshot shows the INSPIRE Geoportal website in a web browser. The browser's address bar displays "inspire-geoportal.ec.europa.eu". The website header features the European Commission logo and the text "INSPIRE GEOPORTAL Enhancing access to European spatial data". Below the header, a navigation bar shows "EUROPEAN COMMISSION > INSPIRE > INSPIRE GEOPORTAL". The main content area is titled "Welcome to the INSPIRE geoportal" and includes a brief description of the portal's purpose. A large map of Europe is displayed in the background. Overlaid on the map are several interactive panels: "Discovery / Viewer" (with a search bar and a map of Poland), "Validator" (describing the purpose of the INSPIRE Metadata Validator), "Metadata Editor" (describing the purpose of the INSPIRE Metadata Editor), and "Resource Browser" (describing the purpose of the INSPIRE Resource Browser). The "Validator" panel includes a list of "Invalid Elements" with details such as "number of ins", "2.2.5) Unique", "1) \* identifi", "2005/gmd", "2005/gmd", and "2.4) For dat /www.isotc". The "Metadata Editor" panel includes a list of "Invalid Elements" with details such as "xsd:sch", "xsd:el", and "xsd:el".





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<http://www.geoportal.gov.pl/>

GEOPORTAL is national access point for spatial information. Project is realized by Head Office of Geodesy and Cartography for implementation of spatial data infrastructure.





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<http://www.geoportal.gov.pl/>

GEOPORTAL is national access point for spatial information. Project is realized by Head Office of Geodesy and Cartography for implementation of spatial data infrastructure.

The screenshot shows the Geoportal.gov.pl website interface. At the top, there is a navigation bar with links: O Geoportalu, Usługi, Dane, Aplikacje, Regulamin, Ewidencja zbiorów i usług, Forum, Pomoc, and Kontakt. Below this, a search bar is visible. The main content area is divided into two columns, both titled "INSPIRE THEMES:". The left column, under the heading "Now:", lists: Geographical names, Administrative units, Addresses, Cadastral parcels, and Transport networks. The right column, under the heading "Future:", lists: Elevation, Orthoimagery, Buildings, Soil, Land use, Utility and governmental services, Production and industrial facilities, and Area management/restriction/regulation zones and reporting units. The background of the website features a map of Europe with various cities labeled, including London, Amsterdam, Berlin, Warsaw, and Moscow.

INSPIRE THEMES:

Now:

- Geographical names
- Administrative units
- Addresses
- Cadastral parcels
- Transport networks

INSPIRE THEMES:

Future:

- Elevation
- Orthoimagery
- Buildings
- Soil
- Land use
- Utility and governmental services
- Production and industrial facilities
- Area management/restriction/regulation zones and reporting units





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<http://inspire.gios.gov.pl>

Spatial data infrastructure node which realizes guidelines of the European Commission in domain of environmental monitoring facilities.

GIOŚ INSPIRE

inspire.gios.gov.pl/portal/ Szukaj

Główny Inspektorat Ochrony Środowiska

strona główna | aktualności | statystyki | PMS | kontakt

rozmiar tekstu: a a a a a

**GIOŚInspire**

Witamy w geoportalu GIOŚ INSPIRE!

Serwis stanowi branżowy węzeł Infrastruktury Informacji Przestrzennej realizujący wytyczne Komisji Europejskiej, temat - urządzenia do monitorowania środowiska.

czytaj więcej

**GeoPortal**

WFS GML WMS

**MetaDane**

xml xml i

**E-Learning**

Computer monitor icon



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rozmiar tekstu a a a a a

**INSPIRE THEMES:**

- **Environmental monitoring facilities**

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<http://geoserwis.gdos.gov.pl/mapy/>

Geoserwis is a spatial data infrastructure node of The General Directorate for Environmental Protection

The screenshot displays the Geoserwis GDOŚ web application. The browser window shows the URL <http://geoserwis.gdos.gov.pl/mapy/>. The page header includes the logo of the General Directorate for Environmental Protection (GDOŚ) and the text "geoserwis mapy". A search bar with the placeholder "Szukaj" is visible. The main content area shows a map of Poland with various colored overlays representing protected areas. A legend on the right lists categories such as "Obszary chronione" (Protected areas) and "Planowane zmiany granic Natura 2000" (Planned changes to Natura 2000 boundaries). The interface includes navigation tools on the left and a search bar at the top.



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<http://geoserwis.gdos.gov.pl/mapy/>

**INSPIRE THEMES:**

- Protected sites

The screenshot displays the Geoserwis GDOŚ web application interface. The main map shows a geographical representation of Poland with various protected areas highlighted in different colors (yellow, green, blue, red). The interface includes a search bar at the top, a legend on the right side, and a sidebar on the left with navigation icons. The legend lists categories such as 'Obszary chronione' (Protected areas) and 'Planowane zmiany granic Natura 2000' (Planned changes in Natura 2000 boundaries). The sidebar on the left contains icons for map navigation and information. The top of the page features the logo of the Ministry of Maritime Economy and Inland Navigation and the URL <http://geoserwis.gdos.gov.pl/mapy/>.

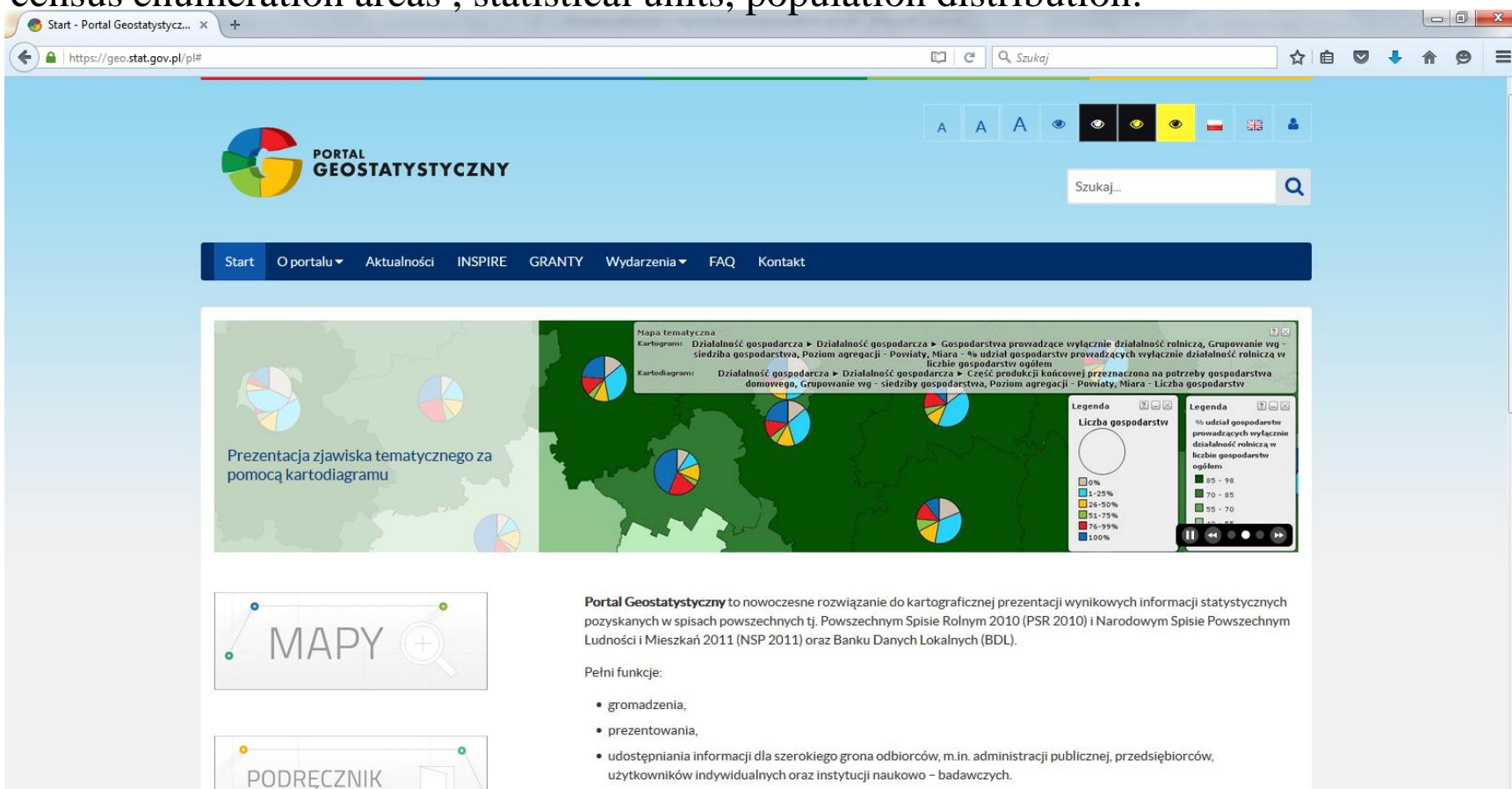




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<https://geo.stat.gov.pl/pl>

Geostatistics Portal is a tool for the cartographic presentation of statistical data. In order to fulfil the requirements of the INSPIRE Directive the following datasets have been registered in the national register of spatial datasets and services: statistical regions and census enumeration areas, statistical units, population distribution.





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**INSPIRE THEMES:**

- Statistical units
- Population distribution, demography

**Portal Geostatystyczny** to nowoczesne rozwiązanie do kartograficznej prezentacji wyników informacji statystycznych pozyskanych w spisach powszechnych tj. Powszechnym Spisie Rolnym 2010 (PSR 2010) i Narodowym Spisie Powszechnym Ludności i Mieszkań 2011 (NSP 2011) oraz Banku Danych Lokalnych (BDL).

Pełni funkcje:

- gromadzenia,
- prezentowania,
- udostępniania informacji dla szerokiego grona odbiorców, m.in. administracji publicznej, przedsiębiorców, użytkowników indywidualnych oraz instytucji naukowo - badawczych.



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Thank you for your attention!

Katarzyna Krzywda  
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