

Rede de Pontos Focais INSPIRE Core

11 Nov 2019

Agenda

1. Recomendações da CE para os metadados
2. Validadores INSPIRE
3. Harvesting Geoportal INSPIRE
4. Procedimentos atualização metadados

Recomendações da CE para os metadados

- Obrigatório fichas de metadados dos CDG, Séries e **Serviços**.
- Recomendações do GT M&R
- Âmbito geográfico nos metadados dos CDG.
- Metadatos 2.0
 - Upgrade do GeoNetwork para a nova versão 3.8.1
- Nova codificação de dados – Geopackage e Geojson
- Atenção às versões obrigatórias dos SDG:
 - WMS 1.3.0
 - WFS 2.0
 - WCS 2.0
 - ATOM
- Nos SDG é obrigatório ter a Extensão INSPIRE.

Recomendações da CE para os metadados

- **Situação atual no SNIG**

- Reportados Diretiva INSPIRE

- CDG: 665
 - Séries: 4
 - CSW: 1
 - Visualização: 379
 - Descarregamento: 197

- **Geoportal INSPIRE em Junho**

 Portugal	 656  110  236
 Romania	 112  24  28
 Slovakia	 260  19  18

Recomendações da CE para os metadados

- Exemplos de incorreções:

Aquiculturas de Águas Interiores

http://si.icnf.pt/wfs/aquicultura_aguas_interiores/wfs?service=wfs&version=1.1.1&request=GetCapabilities

151 resultados encontrados

Aquiculturas de Águas Interiores
Instituto da Conservação da Natureza e das Florestas, I.P.
Data de Referência (Revisão): 01-06-2019
Tema(s): Agricultura, Pesca, Pecuária
Cobertura: Portugal Continental

Dados geográficos (geometria de pontos) e alfanuméricos (tabela de atributos) sobre os estabelecimentos de aquic registros da Divisão de Gestão dos Recursos Cinegéticos e Aquícolas (DGRCA) do ICNF. Legislação principal: Decret

Metadados

Num WMS está a fazer o pedido WFS

No WFS a versão está incorreta

Aquiculturas de Águas Interiores

WFS:
http://si.icnf.pt/wfs/aquicultura_aguas_interiores?service=wfs&version=1.1.0&request=GetCapabilities

WFS:
http://si.icnf.pt/wfs/aquicultura_aguas_interiores?service=wfs&version=1.1.1&request=GetCapabilities

1 resultados encontrados

Aquiculturas de Águas Interiores
Instituto da Conservação da Natureza e das Florestas, I.P.
Data de Referência (Revisão): 01-06-2019
Tema(s): Agricultura, Pesca, Pecuária
Cobertura: Portugal Continental

Dados geográficos (geometria de pontos) e alfanuméricos (tabela de atributos) sobre os estabelecimentos de aquiculturas de água constantes nos registos da Divisão de Gestão dos Recursos Cinegéticos e Aquícolas (DGRCA) do ICNF. Legislação principal: Decret

Metadados

Recomendações da CE para os metadados

- Exemplos de incorreções:

http://si.icnf.pt/wfs/aquicultura_aguas_interiores?service=wfs&version=1.1.0&request=GetCapabilities

Tem extensão INSPIRE mas os campos estão mal preenchidos

```
<ows:ExtendedCapabilities>
  <inspire_dls:ExtendedCapabilities>
    <inspire_common:MetadataUrl>
      <inspire_common:URL>
        http://snig.dgterritorio.pt/geoportal/csw/discovery
      </inspire_common:URL>
      <inspire_common:MediaType>application/vnd.ogc.csw.GetRecordByIdResponse_xml</inspire_common:MediaType>
    </inspire_common:MetadataUrl>
    <inspire_common:SupportedLanguages>
      <inspire_common:DefaultLanguage></inspire_common:DefaultLanguage>
    </inspire_common:SupportedLanguages>
    <inspire_common:ResponseLanguage>
      <inspire_common:Language>por</inspire_common:Language>
    </inspire_common:ResponseLanguage>
    <inspire_dls:SpatialDataSetIdentifier>
      <inspire_common:Code>xxxx</inspire_common:Code>
    </inspire_dls:SpatialDataSetIdentifier>
  </inspire_dls:ExtendedCapabilities>
</ows:ExtendedCapabilities>
```

```
<ows:ExtendedCapabilities>
  <inspire_dls:ExtendedCapabilities>
    <inspire_common:MetadataUrl>
      <inspire_common:URL>
        http://inspireservices.azores.gov.pt/services/discovery/GetRecordById?SERVICE=CSW&REQUEST=GetRecordById&ElementSetName=full&OutputFormat=application/xml&OutputSchema=http://www.isotc211.org/2005/gmd&Id=74a59f04-4238-474d-b95b-bd83061ebfb9
      </inspire_common:URL>
      <inspire_common:MediaType>application/vnd.ogc.csw.GetRecordByIdResponse_xml</inspire_common:MediaType>
    </inspire_common:MetadataUrl>
    <inspire_common:SupportedLanguages>
      <inspire_common:DefaultLanguage>
        <inspire_common:Language>por</inspire_common:Language>
      </inspire_common:DefaultLanguage>
    </inspire_common:SupportedLanguages>
    <inspire_common:ResponseLanguage>
      <inspire_common:Language>por</inspire_common:Language>
    </inspire_common:ResponseLanguage>
    <inspire_dls:SpatialDataSetIdentifier metadataURL="http://inspireservices.azores.gov.pt/services/discovery/GetRecordById?SERVICE=CSW&REQUEST=GetRecordById&ElementSetName=full&OutputFormat=application/xml&OutputSchema=http://www.isotc211.org/2005/gmd&Id=c70b5fc7-8ba0-4733-b56b-9243e482c963">
      <inspire_common:Code>
        http://id.igeo.pt/cdg/c70b5fc7-8ba0-4733-b56b-9243e482c963
      </inspire_common:Code>
    </inspire_dls:SpatialDataSetIdentifier>
  </inspire_dls:ExtendedCapabilities>
</ows:ExtendedCapabilities>
```

Ficha de metadados do SDG

Ficha de metadados do CDG

Identificador do recurso do CDG

Recomendações da CE para os metadados

- Exemplos de incorreções:

Locais de pesca profissional em águas livres

Instituição: Áreas de recreio e lazer em Lagoas na área de intervenção dos POC

Data de referência: 02-05-2019

Tema(s): WMS:

Cobertura: https://sniambgeoogc.apambiente.pt/getogc/services/SNIAmb/POC/MapServer/WmsServer?request=GetCapabilities&service=WMS

Locais: /WmsServer?request=GetCapabilities&service=WMS

Metadados

Áreas de recreio e lazer em Lagoas na área de intervenção dos POC

Agência Portuguesa do Ambiente, I.P.

Data de Referência (Revisão): 02-05-2019

Tema(s): Planeamento e Cadastro

Cobertura: Portugal Continental

Locais com Áreas de recreio e lazer em Lagoas

Metadados

Falta extensão INSPIRE



```
<-WMS_Capabilities version="1.3.0" xsi:schemaLocation="http://www.opengis.net/wms http://schemas.opengis.net/wms/1.3.0/capabilities_1_3_0.xsd http://www.esri.com/wms https://sniambgeoogc.apambiente.pt/getogc/services/SNIAmb/POC/MapServer/WmsServer?version=1.3.0%26service=WMS%26request=GetSchemaExtension">
  <-Service>
    <Name>WMS</Name>
    <Title>WMS</Title>
    <Abstract>WMS</Abstract>
  <-KeywordList>
    <Keyword></Keyword>
  </KeywordList>
  <OnlineResource xlink:type="simple" xlink:href="https://sniambgeoogc.apambiente.pt/getogc/services/SNIAmb/POC/MapServer/WmsServer?"/>
  <-ContactInformation>
    <-ContactPersonPrimary>
```

Recomendações da CE para os metadados

- Exemplos de incorreções:

Carta Geológica de Portugal à escala 1:200 000

WMS:
http://geoportal.lneg.pt/arcgis/services/CGP200k_vetor/MapServer/WMServer?request=GetCapabilities&service=WMS

WMS:
http://geoportal.lneg.pt/arcgis/services/CGP200k/MapServer/WMServer?request=GetCapabilities&service=WMS

WMS:
https://inspire.lneg.pt/arcgis/rest/services/CartografiaGeologica/CGP200k/MapServer/xts/InspireView/service?request=GetCapabilities&service=WMS

Carta Geológica de Portugal à escala 1:200 000

Laboratório Nacional de Energia e Geologia, I.P.

Data de Referência (Revisão): 01-01-2000

Tema(s): Informação geocientífica

Cobertura: Portugal Continental

Carta Geológica de Portugal à escala 1:200 000, constituída pelas folhas publicadas a esta escala (Folhas: 1, 2, 7 e 8), através dos seguintes endereços: Folha 1 - <http://geoportal.lneg.pt/metadados/catalog/search/resource/details.page>

Metadados

Não funciona - Secure Connection Failed

WFS também não funciona

Sem extensão INSPIRE

```
<WMS_Capabilities version="1.3.0" xsi:schemaLocation="http://www.opengis.net/wms
http://schemas.opengis.net/wms/1.3.0/capabilities_1_3_0.xsd http://www.esri.com/wms http://geoportal.lneg.pt
/arcgis/services/CGP200k/MapServer
/WmsServer?version=1.3.0%26service=WMS%26request=GetSchemaExtension">
  <Service>
    <Name>CGP200k_WMS</Name>
    <Title>Carta Geológica de Portugal, na escala 200 000 </Title>
  <Abstract>
    Mosaico da Carta Geológica de Portugal à escala 1:200 000, constituído pelas imagens raster das folhas
```

Ficha de metadados do Serviço WMS – deve ser GetRecordBy

```
<gmd:CI_OnlineResource>
  <gmd:linkage>
    <gmd:URL>
      https://inspire.lneg.pt/arcgis/rest/services/CartografiaGeologica/CGP200k/MapServer/xts/InspireView/service?request=GetCapabilities&service=WMS
    </gmd:URL>
  </gmd:linkage>
  <gmd:CI_OnlineResource>
    <srv:connectPoint>
      <srv:SV_OperationMetadata>
        <srv:containsOperations>
          <srv:operatesOn xlink:href="http://geoportal.lneg.pt/metadados/rest/document?id=65ac1689-1b4c-4478-b5a2-6b495350819a"/>
        </srv:SV_ServiceIdentification>
      </gmd:identificationInfo>
    </gmd:distributionInfo>
  </gmd:MD_Distribution>
```

Validadores INSPIRE

- Resource linkages checker tool
- Executable Test Suites

Validadores *INSPIRE*

- Nova ferramenta **Resource linkages checker tool**

Resource linkages checker tool

Emulate the checks by the INSPIRE Geoportal

This application may be used by INSPIRE data and service providers to emulate the checks executed by the INSPIRE Geoportal during its harvesting process. It reports potential issues, related to correctly established MD linkages among MS resources (Data set, View and Download services) identified during the harvesting, when the Geoportal is extracting and enriching the MD information found in the MS resources.

[Click here](#) for the detailed documentation about this process.



Check new metadata

Use this option if you want to check a newly created metadata record



Check existing metadata

Use this option if you want to check a metadata record that is already available through the INSPIRE Geoportal

<https://inspire-geoportal.ec.europa.eu/linkagechecker.html>

Validadores INSPIRE

- **Resource linkages checker tool**

- O ponto de partida são os registos de metadados dos SDG.
- Criadas ligações com os metadados do CDG (coupled resource) e com os metadados do Serviço – GetCapabilities (resource locator) através do id.



INSPIRE

Infrastructure for Spatial Information in Europe

Geoportal workflow for establishing links between data sets and network services

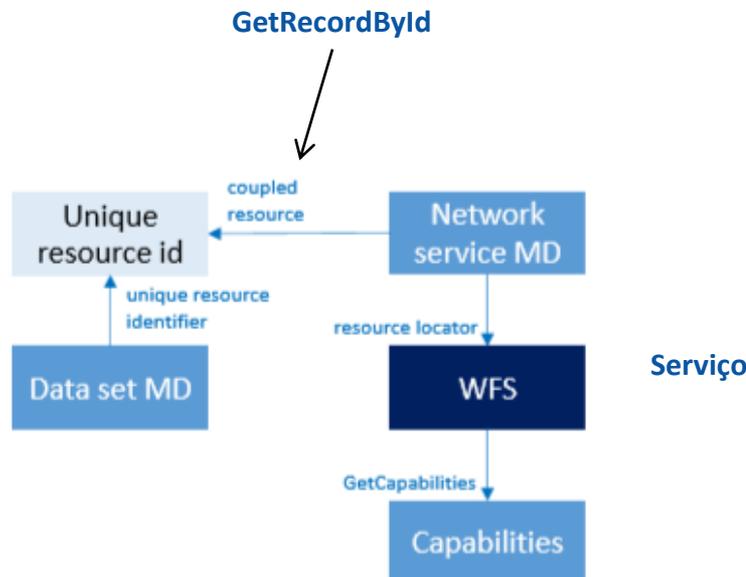
Preface

In the past months, the low level of accessibility of data sets through services (as shown in the new INSPIRE Geoportal) has been extensively discussed in the MIG and its sub-groups. To further support data and service providers in the Member States to improve on this situation, it has been suggested to clearly document the process used in the Geoportal for establishing links between data sets and network services and to indicate, which of the several possible options given by the INSPIRE Technical Guidelines for metadata, download and view services are used in this process.

1 Introduction

This document gives a high-level overview of the process used in the INSPIRE Geoportal for establishing links between data sets and network services (section 2.1) and detailed explanations on how to retrieve the identifiers used for establishing links for WFS-based download services (section 2.2), Atom-based download services (section 2.3) and WM(T)S-based view services (section 2.4).

Where several possible options are given by the INSPIRE Technical Guidelines for metadata, download and view services, the identifiers used to establish the link and the rationale for using this identifier are clearly described.



Validadores *INSPIRE*

- Resource linkages checker tool

- Os metadados do CSDG devem estar relacionados em **CI_OnlineResource**

CDG

```
<-gmd:onLine>
  <-gmd:CI_OnlineResource>
    <-gmd:linkage>
      <-gmd:URL>
        http://mapas.dgterritorio.pt/wms-inspire/caop/continente?service=WMS&REQUEST=GetCapabilities&VERSION=1.3.0
      </gmd:URL>
    </gmd:linkage>
  </gmd:CI_OnlineResource>
</gmd:onLine>
<-gmd:onLine>
  <-gmd:CI_OnlineResource>
    <-gmd:linkage>
      <-gmd:URL>
        http://mapas.dgterritorio.pt/inspire/atom/downloadservice.xml
      </gmd:URL>
    </gmd:linkage>
  </gmd:CI_OnlineResource>
</gmd:onLine>
```

SDG

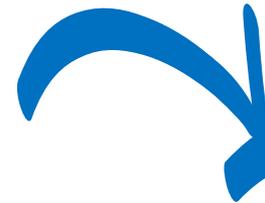
```
<-gmd:CI_OnlineResource>
  <-gmd:linkage>
    <-gmd:URL>
      http://mapas.dgterritorio.pt/wms-inspire/caop/continente?SERVICE=WMS&REQUEST=GetCapabilities
    </gmd:URL>
  </gmd:linkage>
</gmd:CI_OnlineResource>
</srv:connectPoint>
</srv:SV_OperationMetadata>
</srv:containsOperations>
<srv:operatesOn xlink:href="https://snig.dgterritorio.gov.pt/rndg/srv/eng/csw?service=CSW&request=GetRecordById&version=2.0.2&id=198497815bf647ecaa990c34c42e932e&outputFormat=application/xml&outputSchema=http://www.isotc211.org/2005/gmd&ElementSetName=full"/>
</srv:SV_ServiceIdentification>
```

Validadores INSPIRE

- Resource linkages checker tool

- **OperatesOn** na ficha de metadados dos SDG no SNIG e nos metadados do próprio serviço (WMS e WFS)

[https://snig.dgterritorio.gov.pt/rndg/srv/eng/csw-inspire?
service=CSW&
request=GetRecordById&
version=2.0.2&
id=05e8217d-97ca-4211-b479-46ea4d639956&
outputFormat=application/xml&
outputSchema=http://www.isotc211.org/2005/gmd&
ElementSetName=full](https://snig.dgterritorio.gov.pt/rndg/srv/eng/csw-inspire?service=CSW&request=GetRecordById&version=2.0.2&id=05e8217d-97ca-4211-b479-46ea4d639956&outputFormat=application/xml&outputSchema=http://www.isotc211.org/2005/gmd&ElementSetName=full)



```
<-gmd:CI_OnlineResource>  
  <-gmd:linkage>  
    <-gmd:URL>  
      http://mapas.dgterritorio.pt/wms-inspire/caop/continente?SERVICE=WMS&REQUEST=GetCapabilities  
    </gmd:URL>  
  </gmd:linkage>  
</gmd:CI_OnlineResource>  
</srv:connectPoint>  
</srv:SV_OperationMetadata>  
</srv:containsOperations>  
<srv:operatesOn xlink:href="https://snig.dgterritorio.gov.pt/rndg/srv/eng/csw?service=CSW&request=GetRecordById&version=2.0.2&  
id=198497815bf647ecaa990c34c42e932e&outputFormat=application/xml&outputSchema=http://www.isotc211.org/2005/gmd&  
ElementSetName=full"/>  
</srv:SV_ServiceIdentification>
```

Validadores *INSPIRE*

- **Resource linkages checker tool**

- No ficheiro **ATOM** deverá estar neste formato.

<https://snig.dgterritorio.gov.pt/rndg/srv/api/records/efa7ca76-b348-488d-9249-cea6bbcc4852/formatters/xml>

- Requisito DE 6: ligação aos metadados ISO do serviço
- Requisito DE 14: ligação aos metadados ISO do CDG

- Para dúvidas ver serviço ATOM da DGT

<http://mapas.dgterritorio.pt/inspire/atom/downloadservice.xml>

Validadores INSPIRE

- **Resource linkages checker tool**

- Exemplo:

- **Carta Administrativa Oficial de Portugal - CAOP2018 (Continente)**

Resource linkages checker tool

Emulate the checks by the INSPIRE Geoportal

This application may be used by INSPIRE data and service providers to emulate the checks executed by the INSPIRE Geoportal during its harvesting process. It reports potential issues, related to correctly established MD linkages among MS resources (Data set, View and Download services) identified during the harvesting, when the Geoportal is extracting and enriching the MD information found in the MS resources.

[Click here](#) for the detailed documentation about this process.



Data (Set or Series) metadata

Select the input type and paste your content inside the text area:



https://snig.dgterritorio.gov.pt/rndg/srv/api/records/198497815bf647ecaa990c34c42e932e/formatters/xml

View Service metadata

Select the input type and paste your content inside the text area:



https://snig.dgterritorio.gov.pt/rndg/srv/api/records/d6d15b0b-33cf-40ba-83cc-ba1287d434eb/formatters/xml

Download Service metadata

Select the input type and paste your content inside the text area:



https://snig.dgterritorio.gov.pt/rndg/srv/api/records/efa7ca76-b348-488d-9249-cea6bbcc4852/formatters/xml

Ficha de metadados do SNIG

✓ Check Resources

Validadores INSPIRE

- **Resource linkages checker tool**

- Exemplo:

- **Carta Administrativa Oficial de Portugal - CAOP2018 (Continente)**

Resource linkages checker tool
Emulate the checks by the INSPIRE Geoportail

This application may be used by INSPIRE data and service providers to emulate the checks executed by the INSPIRE Geoportail during its harvesting process. It reports potential issues, related to correctly established MD linkages among MS resources (Data set, View and Download services) identified during the harvesting, when the Geoportail is extracting and enriching the MD information found in the MS resources.

[Click here](#) for the detailed documentation about this process.



Check new metadata
Use this option if you want to check a newly created metadata record



Check existing metadata
Use this option if you want to check a metadata record that is already available through the INSPIRE Geoportail

Linkage check results

Linkage overview

View Service linkage



Download Service linkage



Main linkage aspects

Linkage Aspect	Result
Data Set metadata contains Unique Resource Identifier	✓
Data Set metadata contains INSPIRE Spatial Data Theme	✓
The View Service has been contacted	✓
Linkage has been established between the View Service and Data Set	✓
The Download Service has been contacted	✓
Linkage has been established between the Download Service and Data Set	✓
A Download link has been determined	✓

Linkage aspects related to the INSPIRE Geoportail

Linkage Aspect	Result
Data Set metadata exists in the INSPIRE Geoportail	✓
View Service metadata exists in the INSPIRE Geoportail	✓
Download Service metadata exists in the INSPIRE Geoportail	✓

[View the Evaluation report](#)



Resource	Actions
Abastecimento Público - Região Autónoma dos Açores (RAA)	📄 ⬇️ 👁️
 Carta Administrativa Oficial de Portugal - CAOP2018 (Continente)	📄 ⬇️ 👁️
 Carta Administrativa Oficial de Portugal - CAOP2018 (RAA - Grupo Oriental)	📄 ⬇️ 👁️

Validadores INSPIRE

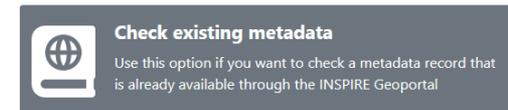
- Resource linkages checker tool
 - Exemplo:
 - Carta de Uso e Ocupação do Solo - 2015

Resource linkages checker tool

Emulate the checks by the INSPIRE Geoportal

This application may be used by INSPIRE data and service providers to emulate the checks executed by the INSPIRE Geoportal during its harvesting process. It reports potential issues, related to correctly established MD linkages among MS resources (Data set, View and Download services) identified during the harvesting, when the Geoportal is extracting and enriching the MD information found in the MS resources.

[Click here](#) for the detailed documentation about this process.



Data (Set or Series) metadata

Select the input type and paste your content inside the text area:

<input type="radio"/> URL to INSPIRE metadata	94dab05c-513d-4a40-b9e3-9ddd775f8543
<input type="radio"/> INSPIRE metadata XML content	
<input checked="" type="radio"/> FileIdentifier (ISO 19139) ⓘ	

View Service metadata

Select the input type and paste your content inside the text area:

<input type="radio"/> URL to INSPIRE metadata	a362d05c-ac7a-4afc-a88d-f384e8658c97
<input type="radio"/> INSPIRE metadata XML content	
<input checked="" type="radio"/> FileIdentifier (ISO 19139) ⓘ	

Download Service metadata

Select the input type and paste your content inside the text area:

<input type="radio"/> URL to INSPIRE metadata	efa7ca76-b348-488d-9249-cea6bbcc4852
<input type="radio"/> INSPIRE metadata XML content	
<input checked="" type="radio"/> FileIdentifier (ISO 19139) ⓘ	

Identificador dos metadados existentes no Geoportal INSPIRE

Validadores INSPIRE

- Resource linkages checker tool
 - Exemplo:
 - Carta de Uso e Ocupação do Solo - 2015

Resource linkages checker tool

Emulate the checks by the INSPIRE Geoportal

This application may be used by INSPIRE data and service providers to emulate the checks executed by the INSPIRE Geoportal during its harvesting process. It reports potential issues, related to correctly established MD linkages among MS resources (Data set, View and Download services) identified during the harvesting, when the Geoportal is extracting and enriching the MD information found in the MS resources.

[Click here](#) for the detailed documentation about this process.

+ Check new metadata

Use this option if you want to check a newly created metadata record

🌐 Check existing metadata

Use this option if you want to check a metadata record that is already available through the INSPIRE Geoportal

Resource linkages checker tool

Emulate the checks by the INSPIRE Geoportal

Linkage check results

Linkage overview

View Service linkage

👍

Download Service linkage

👍

Main linkage aspects

Linkage Aspect	Result
Data Set metadata contains Unique Resource Identifier	☑
Data Set metadata contains INSPIRE Spatial Data Theme	☑
The View Service has been contacted	☑
Linkage has been established between the View Service and Data Set	☑
The Download Service has been contacted	☑
Linkage has been established between the Download Service and Data Set	☑
A Download link has been determined	☑

Linkage aspects related to the INSPIRE Geoportal

Linkage Aspect	Result
Data Set metadata exists in the INSPIRE Geoportal	☑
View Service metadata exists in the INSPIRE Geoportal	☑
Download Service metadata exists in the INSPIRE Geoportal	☑

[View the Evaluation report](#)

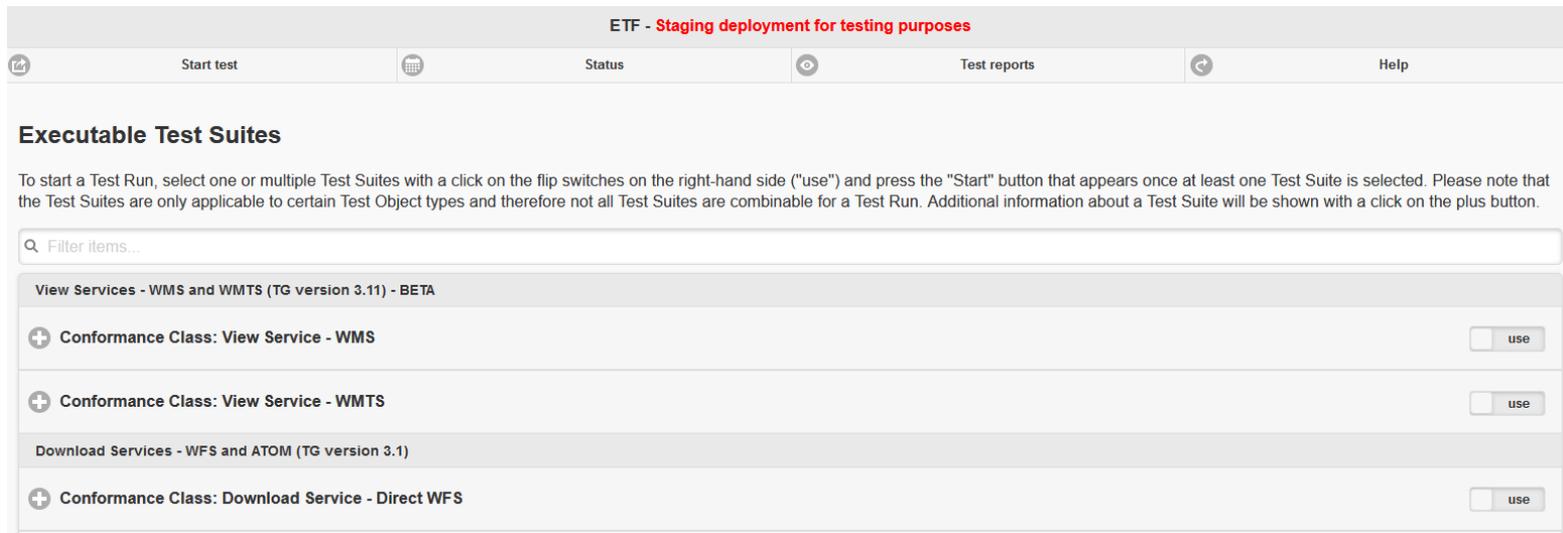
Launch another check



🇵🇹 CORINE Land Cover - 2012	📄 ⬇️ 👁
🇵🇹 Carta de Uso e Ocupação do Solo - 2015	📄 ⬇️ 👁
🇵🇹 Modelo Digital do Terreno (Resolução 50 m) - Portugal Continental	📄 ⬇️ 👁
🇵🇹 Área Protegida para a Gestão de Habitats e Espécies - Região Autónoma dos Açores (RAA)	📄 ⬇️ 👁

Validadores *INSPIRE*

- Metadados
- Visualização
- Descarregamento
- Harmonização



The screenshot displays the ETF web application interface. At the top, a header bar contains the text "ETF - Staging deployment for testing purposes" in red. Below this is a navigation bar with buttons for "Start test", "Status", "Test reports", and "Help". The main content area is titled "Executable Test Suites" and includes a paragraph of instructions: "To start a Test Run, select one or multiple Test Suites with a click on the flip switches on the right-hand side ('use') and press the 'Start' button that appears once at least one Test Suite is selected. Please note that the Test Suites are only applicable to certain Test Object types and therefore not all Test Suites are combinable for a Test Run. Additional information about a Test Suite will be shown with a click on the plus button." Below the instructions is a search bar labeled "Filter items...". The list of test suites is organized into two sections: "View Services - WMS and WMTS (TG version 3.11) - BETA" and "Download Services - WFS and ATOM (TG version 3.1)". Each section contains one or more items with a plus icon on the left and a "use" toggle switch on the right.

Section	Item	Toggle
View Services - WMS and WMTS (TG version 3.11) - BETA	+ Conformance Class: View Service - WMS	use
	+ Conformance Class: View Service - WMTS	use
Download Services - WFS and ATOM (TG version 3.1)	+ Conformance Class: Download Service - Direct WFS	use

Validadores INSPIRE

- Metadata for interoperability

Configure Test Run

Label: Test run on 15:54 - 06.11.2019 with test suite Conformance class: INSPIRE Profile

Tags:

Data source: Remote file (URL)

Remote file (URL): tion/xml&outputSchema=http://www.isotc211.org/2005/gmd&ElementSetName=full

Test Suite parameters

Files to test: *

Test Suites Credentials Optional Parameters Start

Test run on 15:57 - 06.11.2019 with test suite Conformance class: Metadata for interoperability

Status Passed, manual checks required

Started 06/11/2019 15:58:10 GMT

Duration 5 s

	Total	Count	Skipped	Failed	Warnings	Manual
Test suites	3	0	0	0	0	2
Test cases	10	0	0	0	0	3
Assertions	36	0	0	0	0	4

Show: All (selected), Only failed, Only manual

Level of detail: All details, Less information, Simplified (selected)

- + Conformance class: XML encoding of ISO 19115/19119 metadata (1)
- + Conformance class: INSPIRE Profile based on EN ISO 19115 and EN ISO 19119 (8)
- + Conformance class: Metadata for interoperability (1)

Report generated by ETF

<http://staging-inspire-validator.eu-west-1.elasticbeanstalk.com/etf-webapp/>

Validadores INSPIRE

- Download Service - Pre-defined Atom

Test run on 16:03 - 06.11.2019 with test suite Conformance Class: Download Service - Pre-defined Atom

Status	Skipped	Total Count					Skipped	Failed	Warnings	Manual	Show	Level of detail
Started	06/11/2019 16:04:00 GMT	Test suites	1	1	0	0	0			<input checked="" type="radio"/> All	<input type="radio"/> All details	
Duration	11 min 9 s	Test modules	4	1	0	0	2			<input type="radio"/> Only failed	<input type="radio"/> Less information	
		Test cases	40	1	0	0	2			<input type="radio"/> Only manual	<input checked="" type="radio"/> Simplified	
		Test steps	177	1	0	0	2					
		Assertions	443	0	0	0	2					

Conformance Class: Download Service - Pre-defined Atom

This test suite examines a Atom feed with Open Search description against the requirements related to the INSPIRE Pre-Defined Atom Download Service feed with sub-feeds for data sets. This test suite only examines requirements that are specific to a Pre-Defined Atom Download Service feed.

The test suite is divided into four test modules. In the first module 'Initialization and basic checks', basic queries are sent to the Atom feed to ensure the endpoints are available. The 'Download Service Feed', 'Dataset Feed' and 'OpenSearch Description' test modules contain the actual test cases, derived from the Abstract Test Cases. If a test case in the first module fails, the three other modules are skipped

There are a few test cases and test steps that are marked as 'technical test step' or 'technical test case' in the description. They are used to control the test execution flow of the steps. The description text of a technical test step indicates the test steps that are executed. If a technical test step fails, the other test steps, which have been called by the technical test step, should be checked first. To examine a reported issue, the assertion messages should be compared with the service responses which are included in the report. If the response contains an exception report, the request should be checked for 'incorrect' parameters (i.e. non-existing IDs). The test step description should refer to a point, from where the information has been gathered (i.e. from a previous request where the ID was listed).

This is a draft version. It has limitations and is expected to contain errors. Please report any issues or problems [in GitHub](#).

Known limitations are documented in the description of the applicable test case or test assertion.

Source: [Conformance Class 'Pre-defined Atom'](#)

Status Skipped
Duration 11 min 9 s
Version 1.0.4

- Initialization and basic checks (2)
- Download Service Feed (17)
- Dataset Feed (14)
- OpenSearch Description (7)

Validadores INSPIRE

- Metadata

Zonas de Intervenção Florestal

Test run on 13:08 - 09.11.2019 with test suite Conformance based on EN ISO 19115 and EN ISO 19119

Status	Passed, manual checks required	Total	Count	Skipped	Failed	Warnings	Errors
Started	09/11/2019 13:08:11 GMT	Test suites	2	0	0	0	0
Duration	27 s	Test cases	9	0	0	0	0
		Assertions	30	0	0	0	0

3

Configure Test Run

Label: ? Test run on 13:12 - 09.11.2019 with test suite Conformance class: INSPIRE Profile

Tags: ?

Data source: Remote file (URL) ▾

Remote file (URL) ? d&version=2.0.2&id=36fd664e-09e2-4be2-9262-51dd54561a2b&outputFormat=ap

Test Suite parameters

Files to test ? .*

Test Suites ⚙ Credentials ⚙ Optional Parameters ⚙ Start ▶

Only failed Less information

Only manual Simplified

+ Conformance class: XML encoding of ISO 19115/19119 metadata 1

+ Conformance class: INSPIRE Profile based on EN ISO 19115 and EN ISO 19119 8

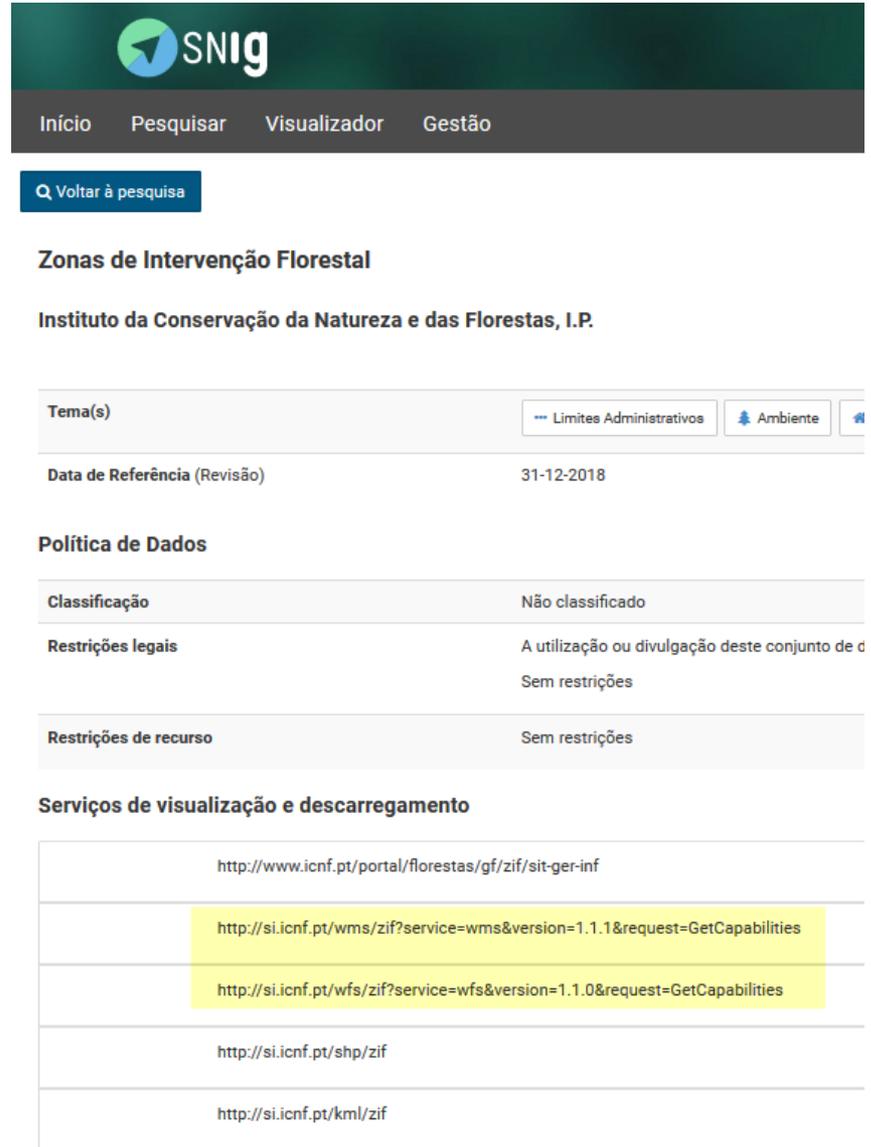
Report generated by ETF

<https://snig.dgterritorio.gov.pt/rndg/srv/eng/csw?service=CSW&request=GetRecordById&version=2.0.2&id=36fd664e-09e2-4be2-9262-51dd54561a2b&outputFormat=application/xml&outputSchema=http://www.isotc211.org/2005/gmd&ElementSetName=full>

Validadores *INSPIRE*

- Conformance Class 'View Service WMS'

Zonas de Intervenção Florestal



The screenshot shows the SNIG (Sistema Nacional de Informação Geográfica) portal interface. At the top, there is a dark green header with the SNIG logo and navigation links: 'Início', 'Pesquisar', 'Visualizador', and 'Gestão'. Below the header is a search bar with the text 'Voltar à pesquisa'. The main content area is titled 'Zonas de Intervenção Florestal' and identifies the 'Instituto da Conservação da Natureza e das Florestas, I.P.' as the data provider. A table lists the dataset's metadata, including 'Tema(s)' (Limites Administrativos, Ambiente), 'Data de Referência (Revisão)' (31-12-2018), 'Política de Dados', 'Classificação' (Não classificado), 'Restrições legais' (Sem restrições), and 'Restrições de recurso' (Sem restrições). At the bottom, a section titled 'Serviços de visualização e descarregamento' lists several URLs, with two highlighted in yellow: 'http://si.icnf.pt/wms/zif?service=wms&version=1.1.1&request=GetCapabilities' and 'http://si.icnf.pt/wfs/zif?service=wfs&version=1.1.0&request=GetCapabilities'.

Tema(s)	Limites Administrativos, Ambiente
Data de Referência (Revisão)	31-12-2018
Política de Dados	
Classificação	Não classificado
Restrições legais	A utilização ou divulgação deste conjunto de dados está sujeita a restrições legais. Sem restrições
Restrições de recurso	Sem restrições
Serviços de visualização e descarregamento	http://www.icnf.pt/portal/florestas/gf/zif/sit-ger-inf http://si.icnf.pt/wms/zif?service=wms&version=1.1.1&request=GetCapabilities http://si.icnf.pt/wfs/zif?service=wfs&version=1.1.0&request=GetCapabilities http://si.icnf.pt/shp/zif http://si.icnf.pt/kml/zif

Validadores INSPIRE

- Conformance Class 'View Service WMS'

Zonas de Intervenção Florestal

Configure Test Run

Label:

Tags:

Service URL:

Optional Parameters

Start

Test run on 13:28 - 09.11.2019 with test suite Conformance Class: View Service - WMS

Status	Failed	Total	Count	Skipped	Failed	Warnings	Manual
Started	09/11/2019 13:28:43 GMT	Test suites	1	0	1	0	0
Duration	28 s	Test modules	4	0	2	0	1
		Test cases	62	0	7	0	9
		Test steps	134	0	7	0	9
		Assertions	86	0	5	0	9

Show: All Only failed Only manual

Level of detail: All details Less information Simplified

Conformance Class: View Service - WMS Failed: 2 / 4

This test suite examines a WMS View Service against the requirements of the INSPIRE Profile of ISO 19128 into the Technical Guidance for the implementation of INSPIRE View Services 3.11.

This is a draft version. It has limitations and is expected to contain errors. Please report any issues or problems [in GitHub](#).

Known limitations are documented in the description of the applicable test case or test assertion.

Source: [Conformance Class 'View Service WMS'](#)

Status Failed
Duration 28 s
Version 0.3.11

+ GetCapabilities_Operation Failed: 3 / 41

+ GetMap_Operation Failed: 4 / 11

+ LinkViewService_Operation 6

+ Language_Requirements 4

<http://si.icnf.pt/wms/zif?service=wms&version=1.3.0&request=GetCapabilities>

Validadores *INSPIRE*

- Conformance Class 'View Service WMS'

Zonas de Intervenção Florestal

```
<GetCapabilities>
  <Format>text/xml</Format>
  <DCPType>
    <HTTP>
      <Get>
        <OnlineResource xlink:type="simple" xlink:href="http://si.icnf.pt/geoserverplinia/BDG/zif/ows?SERVICE=WMS&"/>
      </Get>
      <Post>
        <OnlineResource xlink:type="simple" xlink:href="http://si.icnf.pt/geoserverplinia/BDG/zif/ows?SERVICE=WMS&"/>
      </Post>
    </HTTP>
  </DCPType>
  <inspire_vs:ExtendedCapabilities>
    <inspire_common:MetadataUrl>
      <inspire_common:URL>
        http://snig.dgterritorio.pt/geoportal/csw/discovery
      </inspire_common:URL>
      <inspire_common:MediaType>application/vnd.ogc.csw.GetRecordByIdResponse_xml</inspire_common:MediaType>
    </inspire_common:MetadataUrl>
    <inspire_common:SupportedLanguages>
      <inspire_common:DefaultLanguage>
        <inspire_common:Language>por</inspire_common:Language>
      </inspire_common:DefaultLanguage>
    </inspire_common:SupportedLanguages>
    <inspire_common:ResponseLanguage>
      <inspire_common:Language>por</inspire_common:Language>
    </inspire_common:ResponseLanguage>
  </inspire_vs:ExtendedCapabilities>
```

<http://si.icnf.pt/wms/zif?service=wms&version=1.3.0&request=GetCapabilities>

Validadores INSPIRE

- Conformance Class 'Download Service WFS'

Zonas de Intervenção Florestal

Configure Test Run

Label: ? Test run on 13:42 - 09.11.2019 with test suite Conformance Class: Download Servi

Tags: ?

Service URL http://si.icnf.pt/wfs/zif?service=wfs&version=1.1.0&request=GetCapabilities

Test Suites Credentials Optional Parameters Start

Test run on 13:42 - 09.11.2019 with test suite Conformance Class: Download Service - Direct WFS

Status Failed						Show	Level of detail
Started 09/11/2019 13:43:59 GMT						<input checked="" type="radio"/> All	<input type="radio"/> All details
Duration 1 min 32 s						<input type="radio"/> Only failed	<input type="radio"/> Less information
						<input type="radio"/> Only manual	<input checked="" type="radio"/> Simplified

	Total	Count	Skipped	Failed	Warnings	Manual
Test suites	2	0	1	0	0	0
Test modules	15	0	6	0	0	0
Test cases	49	0	8	0	0	0
Test steps	273	0	22	0	0	0
Assertions	48	0	0	0	0	0

+ WFS 2.0 (OGC 09-025r2/ISO 19142) Conformance Test Suite Failed: 6 / 13

+ Conformance Class: Download Service - Direct WFS 2

Report generated by ETF

<http://si.icnf.pt/wfs/zif?service=wfs&version=2.0.0&request=GetCapabilities>

Validadores INSPIRE

- Resource linkages checker tool

Linkage check results

Linkage overview

View Service linkage



Download Service linkage



Main linkage aspects

Linkage Aspect	Result
Data Set metadata contains Unique Resource Identifier	<input checked="" type="checkbox"/>
Data Set metadata contains INSPIRE Spatial Data Theme	<input checked="" type="checkbox"/>
The View Service has been contacted 	<input type="checkbox"/>
Linkage has been established between the View Service and Data Set 	<input type="checkbox"/>
The Download Service has been contacted 	<input type="checkbox"/>
Linkage has been established between the Download Service and Data Set 	<input type="checkbox"/>
A Download link has been determined 	<input type="checkbox"/>

Linkage aspects related to the INSPIRE Geoportal

Linkage Aspect	Result
Data Set metadata exists in the INSPIRE Geoportal	<input checked="" type="checkbox"/>
View Service metadata exists in the INSPIRE Geoportal	<input type="checkbox"/>
Download Service metadata exists in the INSPIRE Geoportal	<input type="checkbox"/>

Harvesting Geoportal INSPIRE

- **GEOPORTAL INSPIRE - Harvesting**

Harvesting report

Executed on 2019-11-04 22:40:09. Retrieved metadata records count: 1251

Complete overview of the harvest session

The record found are more than the ones available in the current public service

 671 Metadata records Last successful harvest: 656	 25 Downloadable Data Sets Last successful harvest: 110	 157 Viewable Data Sets Last successful harvest: 236
--	---	--

Filtered results

By Priority Datasets

 135 Metadata records Last successful harvest: 134	 6 Downloadable Data Sets Last successful harvest: 28	 26 Viewable Data Sets Last successful harvest: 72
--	---	--

Harvesting Geoportal INSPIRE

• GEOPORTAL INSPIRE - Indicadores

INSPIRE Harvest Console

European Commission > INSPIRE > Geoportal > INSPIRE Geoportal Harvest console > Dashboard > Report

English (en)

Executed on 2019-10-11 00:05:05. Retrieved metadata records count: 121

Harvesting report

Complete overview of the harvest session

86 Metadata records Last successful harvest: 86	43 Downloadable Data Sets Last successful harvest: 41	57 Viewable Data Sets Last successful harvest: 57
---	---	---

Filtered results

By Priority Datasets

5 Metadata records Last successful harvest: 5	5 Downloadable Data Sets Last successful harvest: 5	5 Viewable Data Sets Last successful harvest: 5
---	---	---

Resources for which linkage issues were found

The following section highlights metadata records with missing Download Service and relative link and/or missing View service.

[Click here to expand this section](#)

Geoportal helpdesk: ask a question

Calculate INDICATORS Do not publish yet Publish

INSPIRE Geoportal Version: 1.2.0

 <p>INSPIRE INSPIRE Knowledge Base INSPIRE Legislation INSPIRE Library INSPIRE Thematic clusters</p>	<p>NEWS & EVENTS News Events RSS News</p>	<p>INSPIRE Tools Geoportal Validator Metadata Editor Registry Data Specification toolkit</p>	<p>Harvest console Dashboard Help</p>
---	--	---	--

INSPIRE Harvest Console

European Commission > INSPIRE > Geoportal > INSPIRE Geoportal Harvest console > Dashboard > Report

English (en)

User: admin Sign out

Indicators in support of Commission Decision (EU) 2019/1372 implementing Directive 2007/2/EC (INSPIRE) as regards monitoring and reporting

Executed on 2019-09-28 01:42:50. Retrieved metadata records count: 262

Monitoring of the availability of spatial data and services	Monitoring of the conformity of metadata										
<table border="1"> <tr> <td>215 DS1.1</td> <td>130 DS1.2</td> </tr> <tr> <td colspan="2">123 DS1.3</td> </tr> <tr> <td>150 DS1.4</td> <td>65 DS1.5</td> </tr> </table>	215 DS1.1	130 DS1.2	123 DS1.3		150 DS1.4	65 DS1.5	<table border="1"> <tr> <td>95% MD1.2</td> <td>82.5% MD1.2</td> </tr> <tr> <td colspan="2">Validate and Calculate</td> </tr> </table>	95% MD1.2	82.5% MD1.2	Validate and Calculate	
215 DS1.1	130 DS1.2										
123 DS1.3											
150 DS1.4	65 DS1.5										
95% MD1.2	82.5% MD1.2										
Validate and Calculate											
Monitoring of the accessibility of spatial data sets through view and download services	Monitoring of the conformity of spatial data sets										
<table border="1"> <tr> <td colspan="2">89% NS1.2</td> </tr> <tr> <td>53% NS1.2.1</td> <td>36% NS1.2.2</td> </tr> </table>	89% NS1.2		53% NS1.2.1	36% NS1.2.2	<table border="1"> <tr> <td colspan="3">95% NS1.2</td> </tr> <tr> <td>24% DS1.2.1</td> <td>18% DS1.2.2</td> <td>53% DS1.2.3</td> </tr> </table>	95% NS1.2			24% DS1.2.1	18% DS1.2.2	53% DS1.2.3
89% NS1.2											
53% NS1.2.1	36% NS1.2.2										
95% NS1.2											
24% DS1.2.1	18% DS1.2.2	53% DS1.2.3									
Monitoring of the conformity of network services											
<table border="1"> <tr> <td colspan="4">95% NS1.4</td> </tr> <tr> <td>2% NS1.4.1</td> <td>53% NS1.4.2</td> <td>36% NS1.4.3</td> <td>4% NS1.4.4</td> </tr> </table>	95% NS1.4				2% NS1.4.1	53% NS1.4.2	36% NS1.4.3	4% NS1.4.4			
95% NS1.4											
2% NS1.4.1	53% NS1.4.2	36% NS1.4.3	4% NS1.4.4								

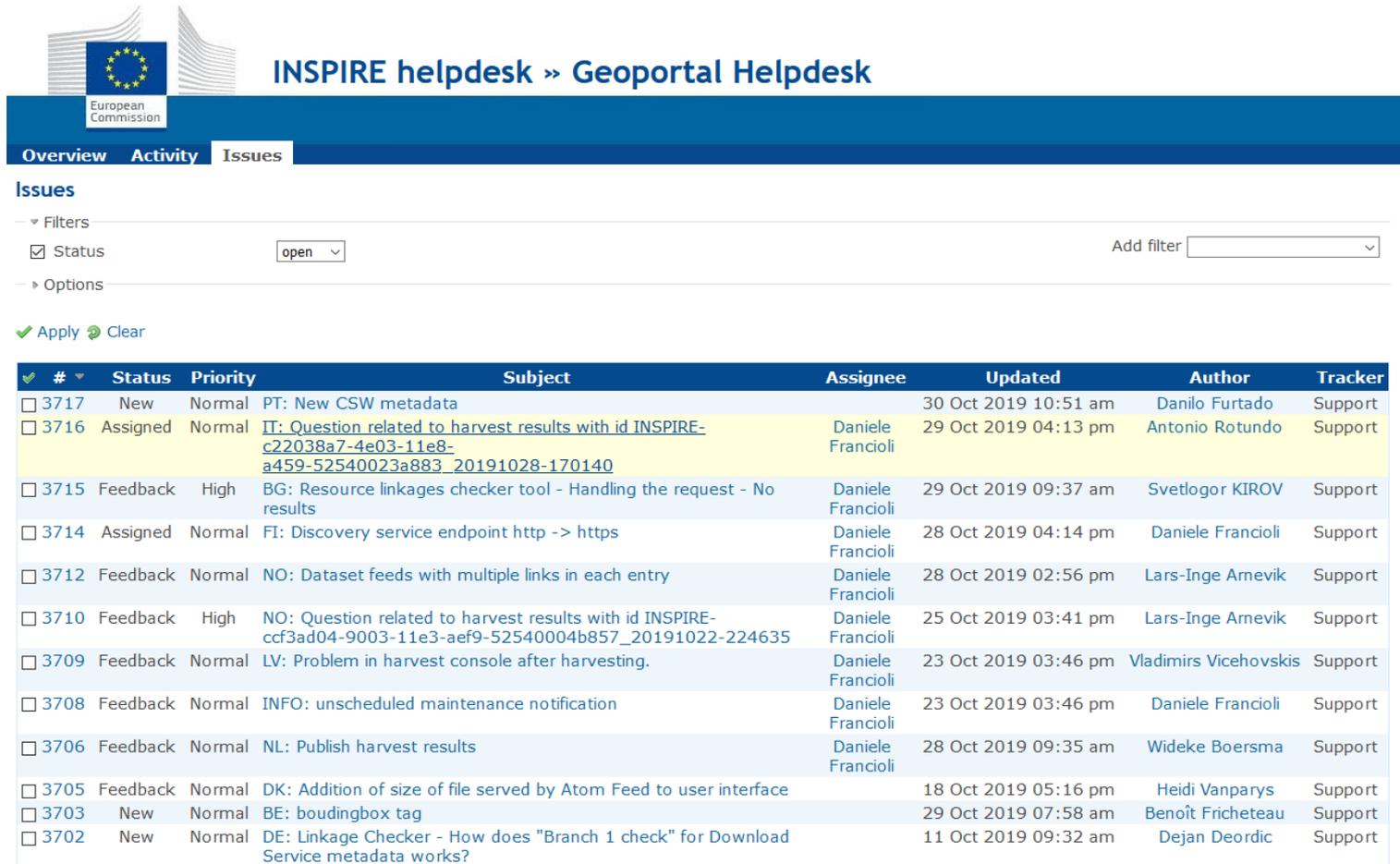
SAVE INDICATORS SAVE INDICATORS for INSPIRE Monitoring and Reporting

INSPIRE Geoportal Version: 1.2.0

 <p>INSPIRE INSPIRE Knowledge Base INSPIRE Legislation INSPIRE Library INSPIRE Thematic clusters</p>	<p>NEWS & EVENTS News Events RSS News</p>	<p>INSPIRE Tools Geoportal Validator Metadata Editor Registry Data Specification toolkit</p>	<p>Harvest console Dashboard Help</p>
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Harvesting Geoportal INSPIRE

- **GEOPORTAL INSPIRE – HelpDesk**



INSPIRE helpdesk » Geoportal Helpdesk

European Commission

Overview Activity Issues

Issues

Filters

Status Add filter

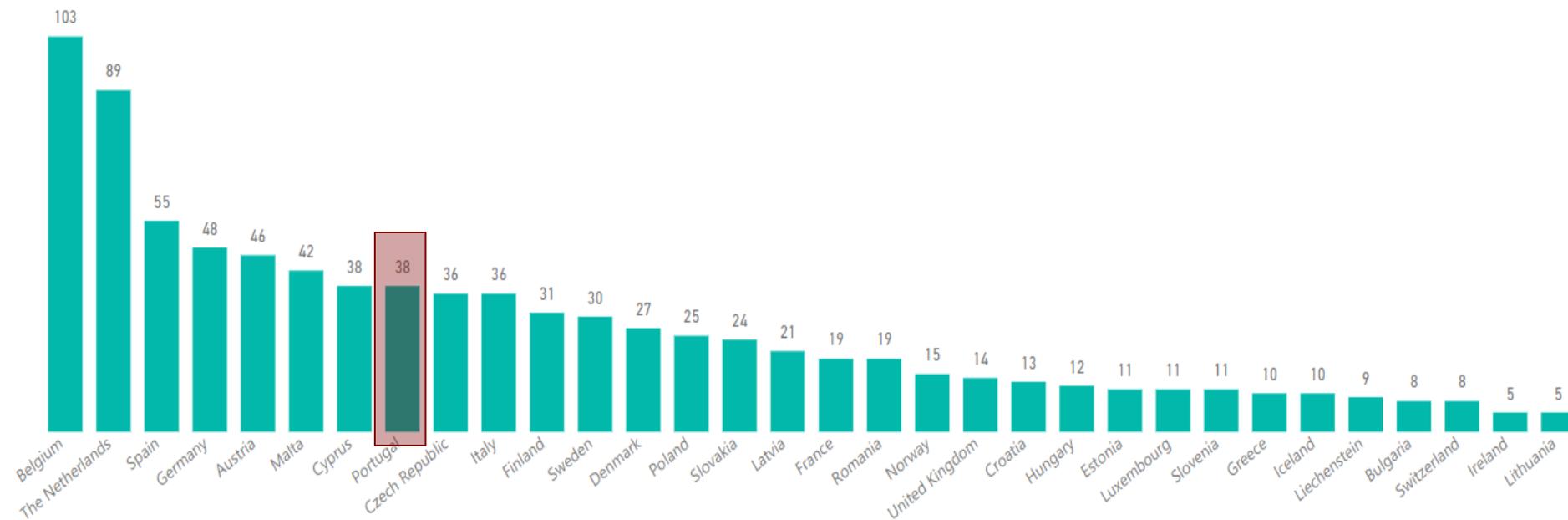
Options

Apply Clear

#	Status	Priority	Subject	Assignee	Updated	Author	Tracker
<input type="checkbox"/> 3717	New	Normal	PT: New CSW metadata		30 Oct 2019 10:51 am	Danilo Furtado	Support
<input type="checkbox"/> 3716	Assigned	Normal	IT: Question related to harvest results with id INSPIRE-c22038a7-4e03-11e8-a459-52540023a883_20191028-170140	Daniele Francioli	29 Oct 2019 04:13 pm	Antonio Rotundo	Support
<input type="checkbox"/> 3715	Feedback	High	BG: Resource linkages checker tool - Handling the request - No results	Daniele Francioli	29 Oct 2019 09:37 am	Svetlogor KIROV	Support
<input type="checkbox"/> 3714	Assigned	Normal	FI: Discovery service endpoint http -> https	Daniele Francioli	28 Oct 2019 04:14 pm	Daniele Francioli	Support
<input type="checkbox"/> 3712	Feedback	Normal	NO: Dataset feeds with multiple links in each entry	Daniele Francioli	28 Oct 2019 02:56 pm	Lars-Inge Arnevik	Support
<input type="checkbox"/> 3710	Feedback	High	NO: Question related to harvest results with id INSPIRE-ccf3ad04-9003-11e3-aef9-52540004b857_20191022-224635	Daniele Francioli	25 Oct 2019 03:41 pm	Lars-Inge Arnevik	Support
<input type="checkbox"/> 3709	Feedback	Normal	LV: Problem in harvest console after harvesting.	Daniele Francioli	23 Oct 2019 03:46 pm	Vladimirs Vicehovskis	Support
<input type="checkbox"/> 3708	Feedback	Normal	INFO: unscheduled maintenance notification	Daniele Francioli	23 Oct 2019 03:46 pm	Daniele Francioli	Support
<input type="checkbox"/> 3706	Feedback	Normal	NL: Publish harvest results	Daniele Francioli	28 Oct 2019 09:35 am	Wideke Boersma	Support
<input type="checkbox"/> 3705	Feedback	Normal	DK: Addition of size of file served by Atom Feed to user interface		18 Oct 2019 05:16 pm	Heidi Vanparys	Support
<input type="checkbox"/> 3703	New	Normal	BE: boundingbox tag		29 Oct 2019 07:58 am	Benoît Fricheteau	Support
<input type="checkbox"/> 3702	New	Normal	DE: Linkage Checker - How does "Branch 1 check" for Download Service metadata works?		11 Oct 2019 09:32 am	Dejan Deordic	Support

Harvesting Geoportal INSPIRE

- GEOPORTAL INSPIRE – HelpDesk
 - Estatísticas
 - Para Portugal muitas entradas são a solicitar um pedido de harvesting.



Procedimentos atualização metadados

- DGT vai enviar para cada entidade **as fichas de metadados dos SDG** que estão registadas no SNIG (getRecordById apontem para o SNIG) já com o domínio e formato alterado.

excepto RAA, IPMA, LNEG, DGS e INE

- Entidades atualizam e validam essas fichas.

Utilizar o **Resource linkages checker tool** e **INSPIRE Executable Test Suites**

- Algumas entidades **não têm fichas de SDG** registadas no SNIG.

Criar essas fichas

- Algumas fichas **não têm o campo OperatesOn** preenchido.

- Após validação enviar as fichas de metadados para a DGT submeter no SNIG.

Procedimentos atualização metadados

- Todas as sextas feiras, até 15 de dezembro, será pedido um novo harvesting (executado pelo PF) no Geoportail INSPIRE.
- Pode acontecer...



The INSPIRE Geoportal - Harvest Console is currently down for maintenance.

We apologize for the inconvenience. We will be back shortly.

You can still use the [INSPIRE Geoportal](#) in the meantime.

In case the problem persists, contact the [INSPIRE support team](#).