

Otvoreni podaci Dunavske regije - otvorena podatkovna infrastruktura u praksi

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Sadržaj

- Dunavska strategija (EUSDR)
- Infrastruktura za referentne podatke i usluge u Dunavskoj regiji (DRDSI)
- JRC Open data catalogue
- Zaključak

Dunavska strategija

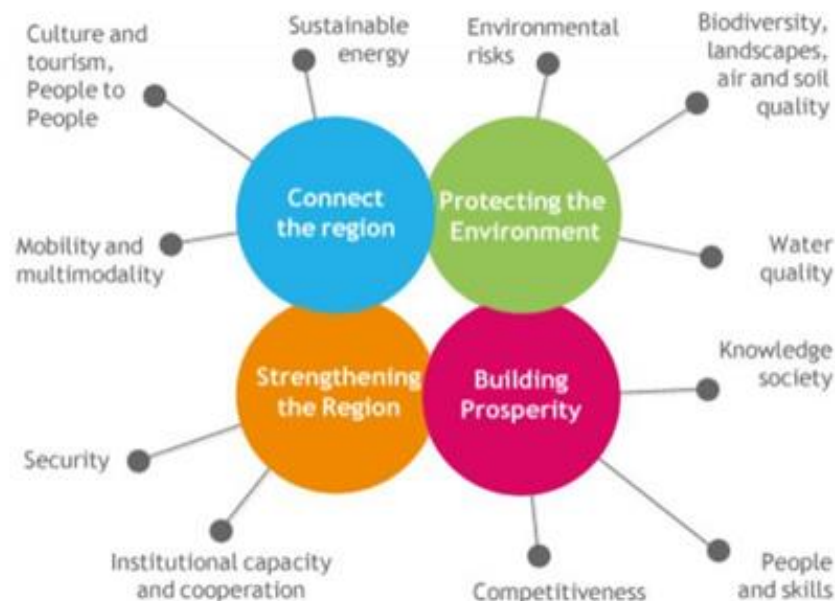
- Europska komisija 2011.
- Schwarzwald (Njemačka) do Crnog mora (Rumunjska-Ukrajina-Moldavija)
- 115 milijuna stanovnika
- Kategorije zemalja
- Zemlje članice EU: Njemačka, Austrija, Mađarska, Češka, Slovačka, Slovenija, Bugarska, Rumunjska i Hrvatska
- Zemlje kandidati: Srbija, Bosna i Hercegovina, Crna Gora
- Susjedne zemlje: Ukrajina i Moldavija



Dunavska strategija

Prioritetna područja:

- PA1A Mobilnost – vodni putevi
- PA1B Mobilnosti – željeznica, ceste, zrak
- PA2 Energija
- PA3 Kultura i turizam
- PA4 Kvaliteta vode
- PA5 Okolišni rizici
- **PA6 Bioraznolikost, krajolika, kvaliteta zraka i tla**
- PA7 Društvo znanja
- **PA8 Kompetitivnost**
- PA9 Ljudi i vještine
- PA10 Institucionalni kapaciteti i suradnja
- PA11 Sigurnost



Podrška JRC-a

- Zajednički istraživački centar EU (Joint Research Centre) inicirao je 2013. godine uspostavu infrastrukture za referentne podatke i usluge u Dunavskoj regiji (Danube Reference Data and Service Infrastructure - DRDSI)
- Otvorena podatkovna infrastruktura za Dunavsku regiju
- 4 vertikalna prioriteta:
 - *Zaštita okoliša*
 - *Navigacija*
 - *Navodnjavanje i razvoj poljoprivrede*
 - *Proizvodnja energije*
- Cilj omogućiti pristup harmoniziranim prostornim i ne prostornim podacima u Dunavskoj regiji
- Uspostava DRDSI se temelji se na principima uspostave INSPIRE-a (Europske infrastrukture prostornih podataka)
- Danube Tim – JRC Danube Project Team + Danube_Net

DRDSI portal - <http://drdsi.jrc.ec.europa.eu/>

EUROPEAN COMMISSION > JRC > DRDSI

Home Data User Stories State of Play Community Danube Team

DANUBE REFERENCE DATA AND SERVICES INFRASTRUCTURE
Enhancing access to data from the Danube Region

On 22-23 February 2016, DRDSI organised a workshop in Ispra, Italy on "Data Management & Value-added Applications"

Danube Data

The Joint Research Centre (JRC) of the European Commission is coordinating an initiative aiming to provide scientific support to the European Union Strategy for the Danube Region (EUSDR) in close cooperation with key scientific partners of the Danube Region for the implementation of the EU Strategy of the Danube Region.

For more information, we have [leaflets](#) translated into each Danube Region language and an informative project [Background](#).

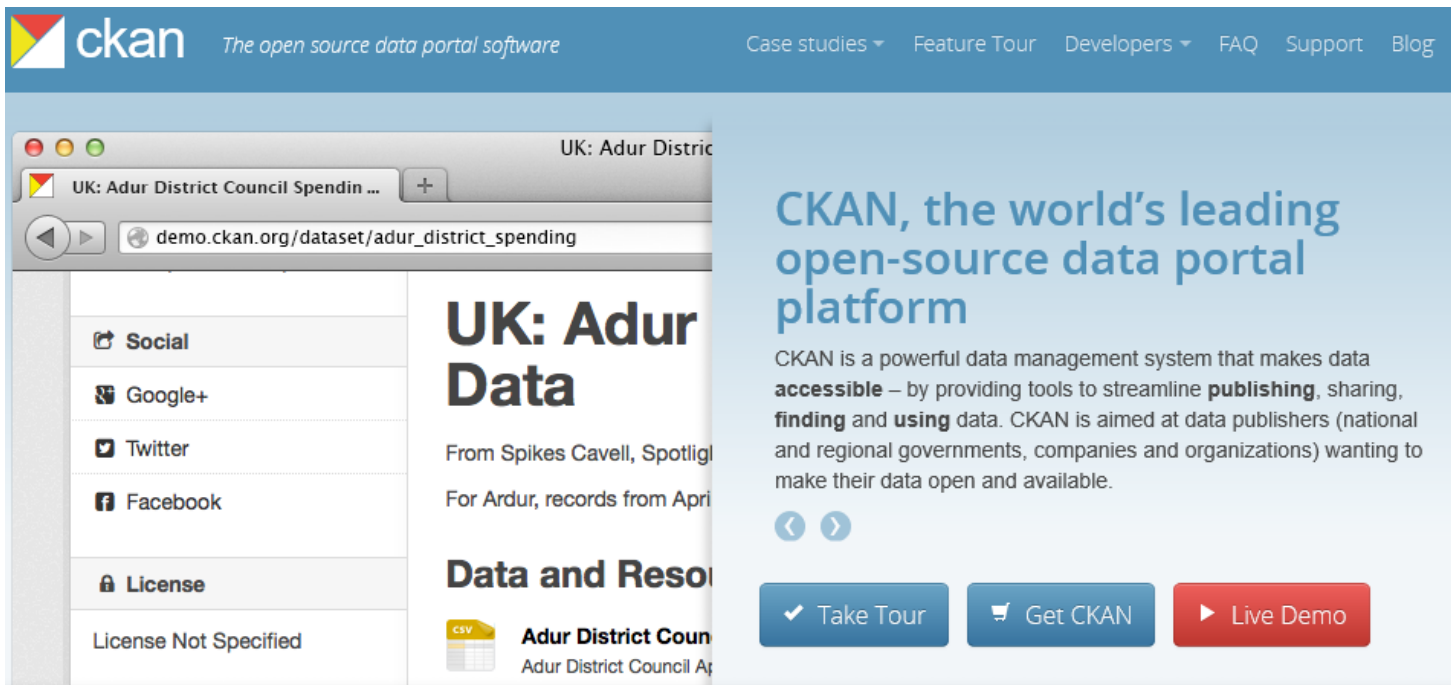
New data

10m wind direction daily gridded dataset, Czech...
The grids show the daily 10m wind direction across the area of

News

Vajdaság, Magyarország, Románia és Ukrajna Tisza menti régióinak képviselői írtak alá társulási m...

CKAN - <http://ckan.org/>



The screenshot shows the CKAN website interface. At the top, the CKAN logo is followed by the tagline 'The open source data portal software'. Navigation links include 'Case studies', 'Feature Tour', 'Developers', 'FAQ', 'Support', and 'Blog'. The main content area displays a dataset page for 'UK: Adur District Council Spending' on the demo site. The page includes a browser window showing the URL 'demo.ckan.org/dataset/adur_district_spending', social media sharing options (Social, Google+, Twitter, Facebook), a license section (License Not Specified), and a 'Data and Resources' section with a CSV icon and the text 'Adur District Council Spending'. To the right of the screenshot, there is a large blue text block that reads 'CKAN, the world's leading open-source data portal platform'. Below this text is a paragraph describing CKAN as a powerful data management system that makes data accessible by providing tools for publishing, sharing, finding, and using data. At the bottom of this text block are three buttons: 'Take Tour', 'Get CKAN', and 'Live Demo'.

Feature Overview



Complete catalog system with easy to use web interface and a powerful API



Strong integration with third-party CMS's like Drupal and WordPress



Data visualization and analytics



Fine-grained access control



Integrated data storage and full data API



Federated structure: easily set up new instances with common search

Support and Hosted Solutions

CKAN is open source and can be downloaded and used for free. Users can also get hosting and support from a range of suppliers.

State of Play

State of Play

Each country in the Danube Region has had a report written by our Danube_Net Experts on the current "State of Play" of data resources, potentials and issues within their country. Click on the country icon below to read the report.



Austria State of Play



Croatia State of Play



Czech Republic State of Play



Hungary State of Play



Moldova State of Play



Montenegro State of Play



Romania State of Play



Slovakia State of Play



Ukraine State of Play



Bulgaria State of Play



Slovenia State of Play










Germany State of Play

Podaci

28 Data Sources found

Order by: Name Ascending

 <p>Bulgarian OpenData Portal</p> <p>Open data portal to be a single, central, web-based public information system...</p> <p>68 Datasets</p>	 <p>Danube_Net Croatia</p> <p>Croatian metadata records identified by Danube_Net member</p> <p>188 Datasets</p>	 <p>Danube_Net Germany</p> <p>German metadata records identified by Danube_Net member</p> <p>127 Datasets</p>	 <p>Danube_Net Hungary</p> <p>Hungarian metadata records identified by Danube_Net member</p> <p>48 Datasets</p>	 <p>European Environment Agency</p> <p>The European Environment Agency (EEA) is an agency of the European Union, Our...</p> <p>67 Datasets</p>	 <p>ICPDR</p> <p>The International Commission for the Protection of the Danube River (ICPDR)...</p> <p>1 Datasets</p>	 <p>INSPIRE Croatia</p> <p>87 Datasets</p>	 <p>INSPIRE Austria</p> <p>830 Datasets</p>
 <p>Danube_Net Moldova</p> <p>Moldovan metadata records identified by Danube_Net member</p> <p>61 Datasets</p>	 <p>Danube_Net Montenegro</p> <p>Montenegrin metadata records identified by Danube_Net member</p> <p>83 Datasets</p>	 <p>Danube_Net Slovakia</p> <p>Slovak metadata records identified by Danube_Net member</p> <p>382 Datasets</p>	 <p>Danube_Net Romania</p> <p>Romanian metadata records identified by Danube_Net member</p> <p>47 Datasets</p>	 <p>INSPIRE Slovakia</p> <p>684 Datasets</p>	 <p>INSPIRE Germany</p> <p>273 Datasets</p>	 <p>INSPIRE Romania</p> <p>226 Datasets</p>	 <p>INSPIRE CZECH REPUBLIC</p> <p>1491 Datasets</p>
 <p>Danube_Net Slovenia</p> <p>Slovenian metadata records identified by Danube_Net member</p> <p>176 Datasets</p>	 <p>EC JRC Air Nexus</p> <p>This flagship cluster covers various issues related to air, such as air...</p> <p>63 Datasets</p>	 <p>EC JRC Bioenergy Nexus</p> <p>This flagship cluster addresses the challenges related to energy in the...</p> <p>12 Datasets</p>	 <p>Danube_Net Ukraine</p> <p>Ukrainian metadata records identified by Danube_Net member</p> <p>183 Datasets</p>	 <p>INSPIRE Slovenia</p> <p>164 Datasets</p>	 <p>Joint Research Centre</p> <p>The Joint Research Centre (JRC) is the European Commission's in-house science...</p> <p>110 Datasets</p>	 <p>Moldovan National Geoportal</p> <p>33 Datasets</p>	
 <p>EC JRC Soil Nexus</p> <p>This flagship cluster aims to study various issues related to the state and...</p> <p>1 Datasets</p>	 <p>EuroGeographics</p> <p>EuroGeographics represents the European National Mapping, Cadastral and Land...</p> <p>1 Datasets</p>	 <p>EuroGeo Surveys</p> <p>EuroGeoSurveys (EGS), The Geological Surveys of Europe, is a not-for-profit...</p> <p>118 Datasets</p>	 <p>EC JRC Water Nexus</p> <p>This flagship cluster covers various water-related issues such as water...</p> <p>8 Datasets</p>	 <p>Moldovan OpenData portal</p> <p>865 Datasets</p>			

Podaci i metapodaci

Datasets

Filter by location Clear

Search datasets...

6,673 datasets found Order by: Relevance

Population distribution (LUISA Platform REF2014)
Projected population distribution maps from 2010 to 2050.

geo doc web download
Preview + Add

Potential accessibility maps (LUISA Platform REF2014)
Projected potential accessibility according to the EU Reference scenario, 2010 - 2050.

geo web download
Preview + Add

Land-use/cover maps (LUISA Platform REF2014)
Projected land-use/cover maps, 2010 - 2050.

geo web download
Preview + Add

Register of geographical names
Съгласно изискванията на Директива 2007/2/ ЕО за изграждане на инфраструктура на пространствени данни INSPIRE/ и Закона за достъп до пространствените данни се изградена...

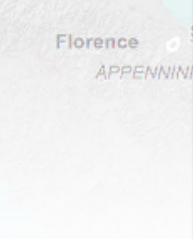
Data Sources

- INSPIRE CZECH REPUBLIC (1461)
- Moldovan OpenData p... (865)
- INSPIRE Austria (830)
- INSPIRE Slovakia (664)
- Danube_Net Slovakia (392)
- INSPIRE Germany (273)
- INSPIRE Romania (225)
- Danube_Net Croatia (199)
- Danube_NET Ukraine (193)
- Danube_NET Slovenia (175)

Show More Data Sources

Projects


Podaci i metapodaci



Florence
APENNINI

Съгласно изискванията на Директива 2007/2/ ЕО за изграждане на инфраструктура на пространствени данни /INSPIRE/ и Закона за достъп до пространствените данни се изградена...

[download](#)




INSPIRE Schulen Burgenland

Schulen im Burgenland

[geo](#) [download](#)

[Preview](#) [+ Add](#)




Pan European Flood Hazard Map for a 100 year return period event

A pan-European flood hazard map at 100 m resolution which was derived using a combination of distributed hydrological and hydraulic models for the European domain. All details...

[geo](#) [web](#) [download](#)

[Preview](#) [+ Add](#)




INSPIRE Natura 2000 - Habitatrictlinie Burgenland

Grenzen der Europaschutzgebiete des Burgenlandes gemäß Richtlinie 92/43/EWG zur Erhaltung der natürlichen Lebensräume sowie der wildlebenden Tiere und Pflanzen, ABl. Nr. L 201...

[geo](#) [download](#)

[Preview](#) [+ Add](#)



Black Sea Beaches retreat

Beach erosion vulnerability has been assessed by combining Black Sea beaches geodatabase with coastal retreat prediction induced by sea level rise scenarios. Coastal retreat was...

[geo](#) [download](#)

[Preview](#) [+ Add](#)

Projects


- carpatclim (170)
- envirogrids (84)
- ffem-eecca (65)
- bulgarian-biodivers... (19)
- copernicus (13)
- spatial-cbc-project (3)

Show More Projects

Keywords

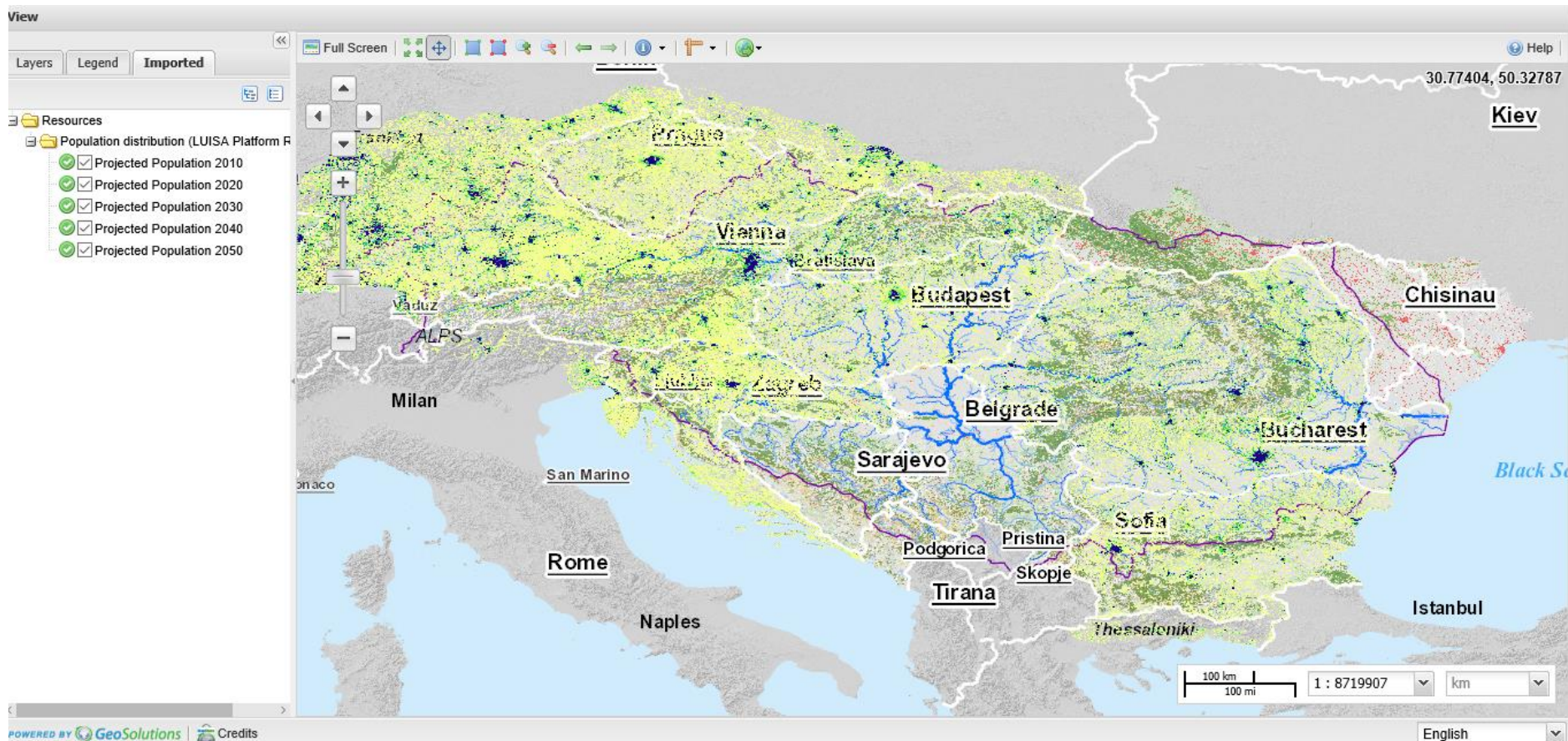
- OpenDataMoldova (865)
- Environmental prote... (561)
- infoMapAccessService (495)
- Irrigation and agri... (478)
- Slovakia_NET (392)
- Energy production (354)
- Navigability (353)
- inspireidentifiziert (273)
- humanGeographicViewer (271)
- Hydrography (230)

Show More Keywords



Balkan Mts.

Preglednik podataka



JRC Open Data Catalogue

14
MAR
2016

JRC Data Catalogue – making open science a reality

Research data produced by the JRC or in cooperation with other partners is now publicly available, in support of the European Commission's strategy on [Open Science](#) for improved circulation of knowledge and thus innovation for generating growth. The first version of the [JRC Data Catalogue](#) is online and its datasets can be freely consulted and downloaded.

This catalogue will also feed into the [EU Open Data portal](#), which is the single point of access to a growing range of data produced by the EU Institutions. Interested users have access to data on a wide range of topics, such as climate, freshwater resources, alien species, soil or forests. The information can be used for further research and other projects, providing the source is acknowledged.



Making JRC's research data publicly available follows the JRC Open Access Policy (01/01/2014) which grants free and unrestricted online access to all JRC peer-reviewed research and review articles.

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JRC Open Data Catalogue - <http://data.jrc.ec.europa.eu/>

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European Commission

Joint Research Centre Data Catalogue

Opening access to JRC data

EUROPEAN COMMISSION > JRC > JRC Data Catalogue

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deciduous forest spatial distribution climate change gis digital format air pollution
 air quality
 modelling marine monitoring marine environment atmosphere
 streamflow
 tree oceans coastal environment scientific research forest
 sea water protection ocean color europe water hydrography
 protected sites oceanographic geographical features
 satellite observations environmental monitoring facilities

Zaključak

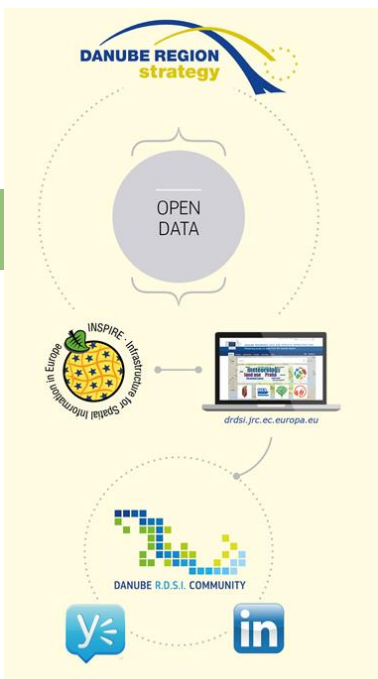
- Dijeljenje podataka i otvoreni podaci
- Regulatorna (Directive on the re-use of public sector information, INSPIRE Directive, ...)
- Portali: DRDSI, INSPIRE, NIPP, Portal otvorenih podataka Europske unije, ...
- Koristi nemjerljive
- Izazovi (Jadransko-jonska strategija)



DATA IS CRUCIAL NOWADAYS

Nelle Kroes, Vice-President of the EC. Responsible for the Digital Agenda for Europe

http://europa.eu/rapid/press-release_SPEECH-12-149_en.htm



Share Data



Hvala na pažnji!

vcetl@geof.hr

vlado.cetl@jrc.ec.europa.eu

