

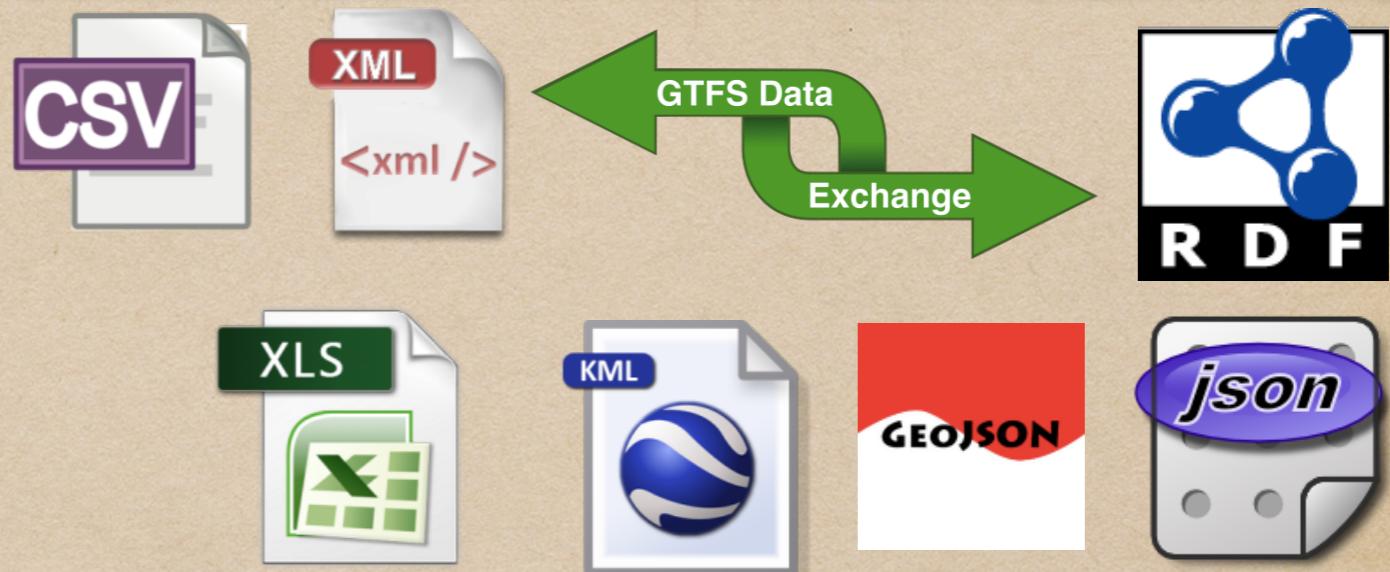
Discipline: Media Lab in Online Media
St.Petersburg University, 2016

Introduction to Open Data

Irina Radchenko,
Associate Professor @ ITMO University,
Chief Organiser, Open Knowledge International - Russia
@iRadche, <http://www.datadrivenjournalism.ru>

Open Data Definition

Machine-Readable
formats



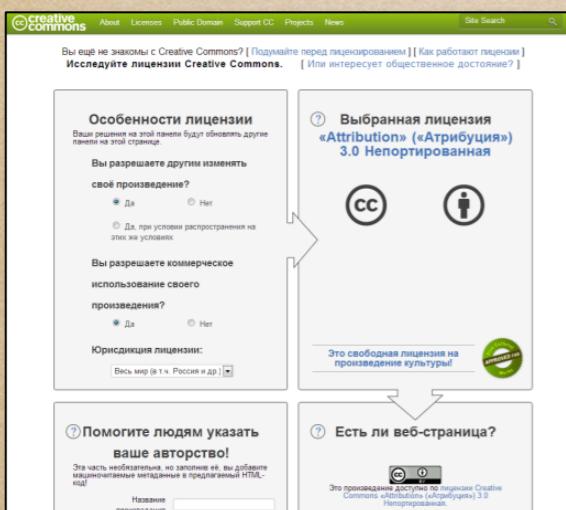
Open Licenses



Open Licenses

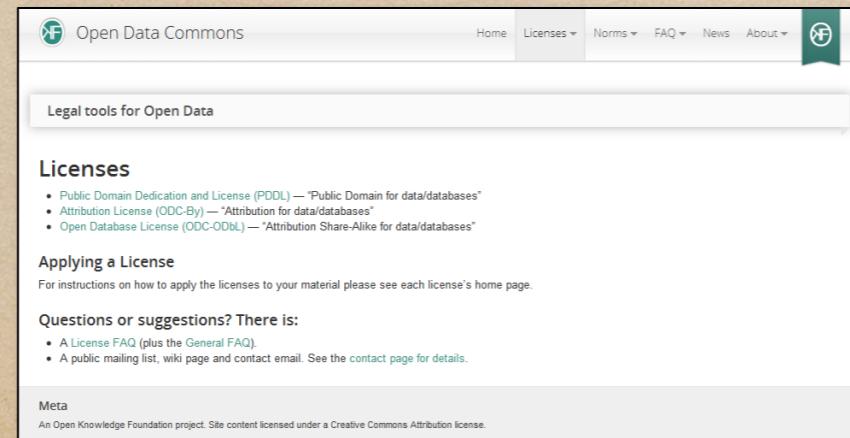
Creative Commons

<http://creativecommons.org/choose/>



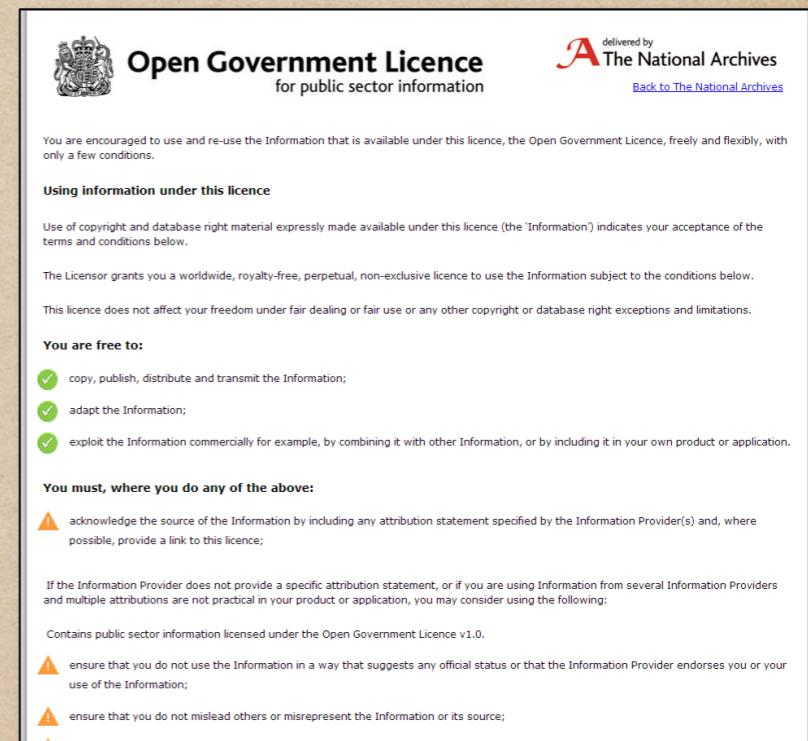
Open Data Commons

<http://opendatacommons.org/licenses/>

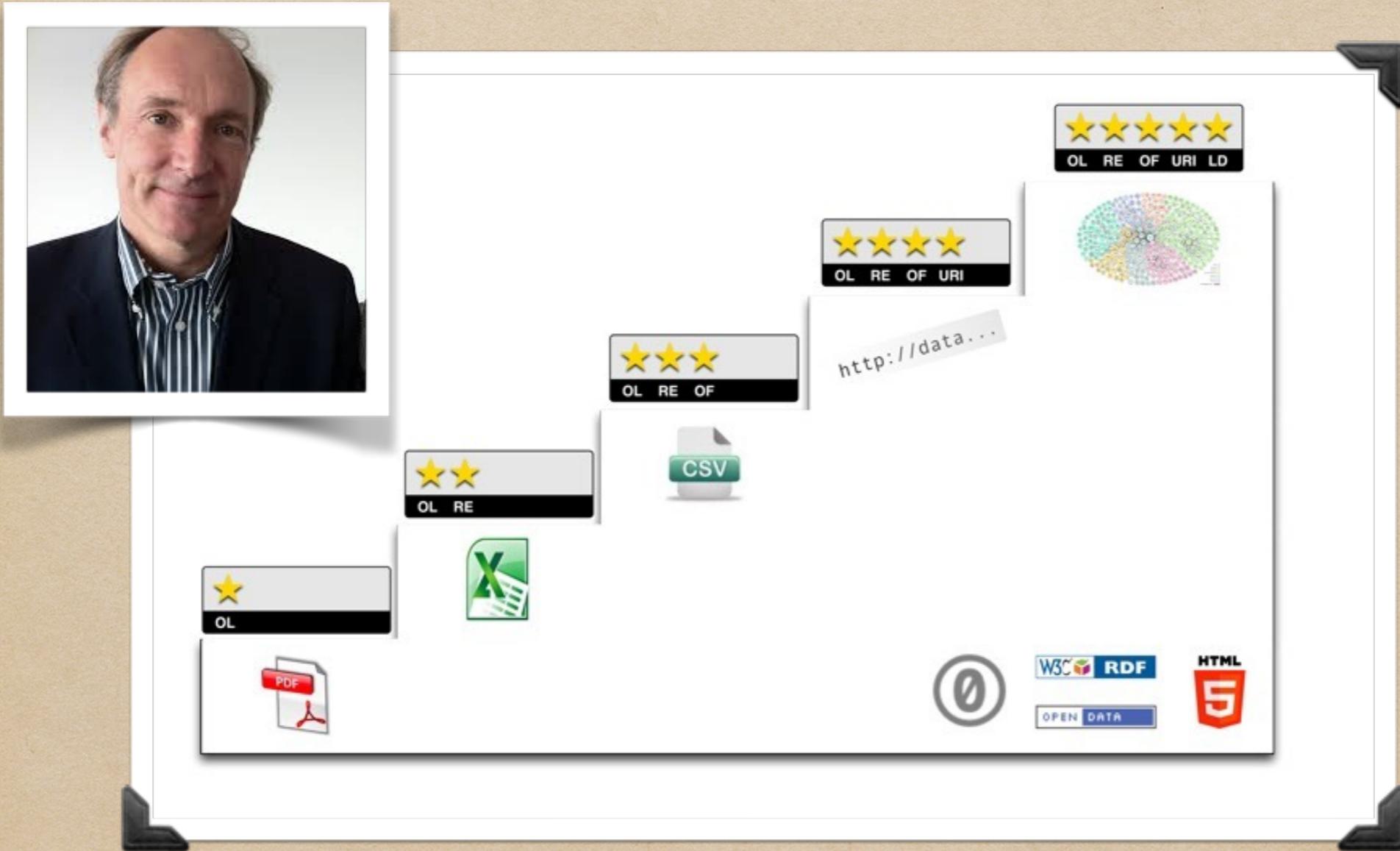


Open Government Licence

<http://www.nationalarchives.gov.uk/doc/open-government-licence/version/1/open-government-licence.htm>



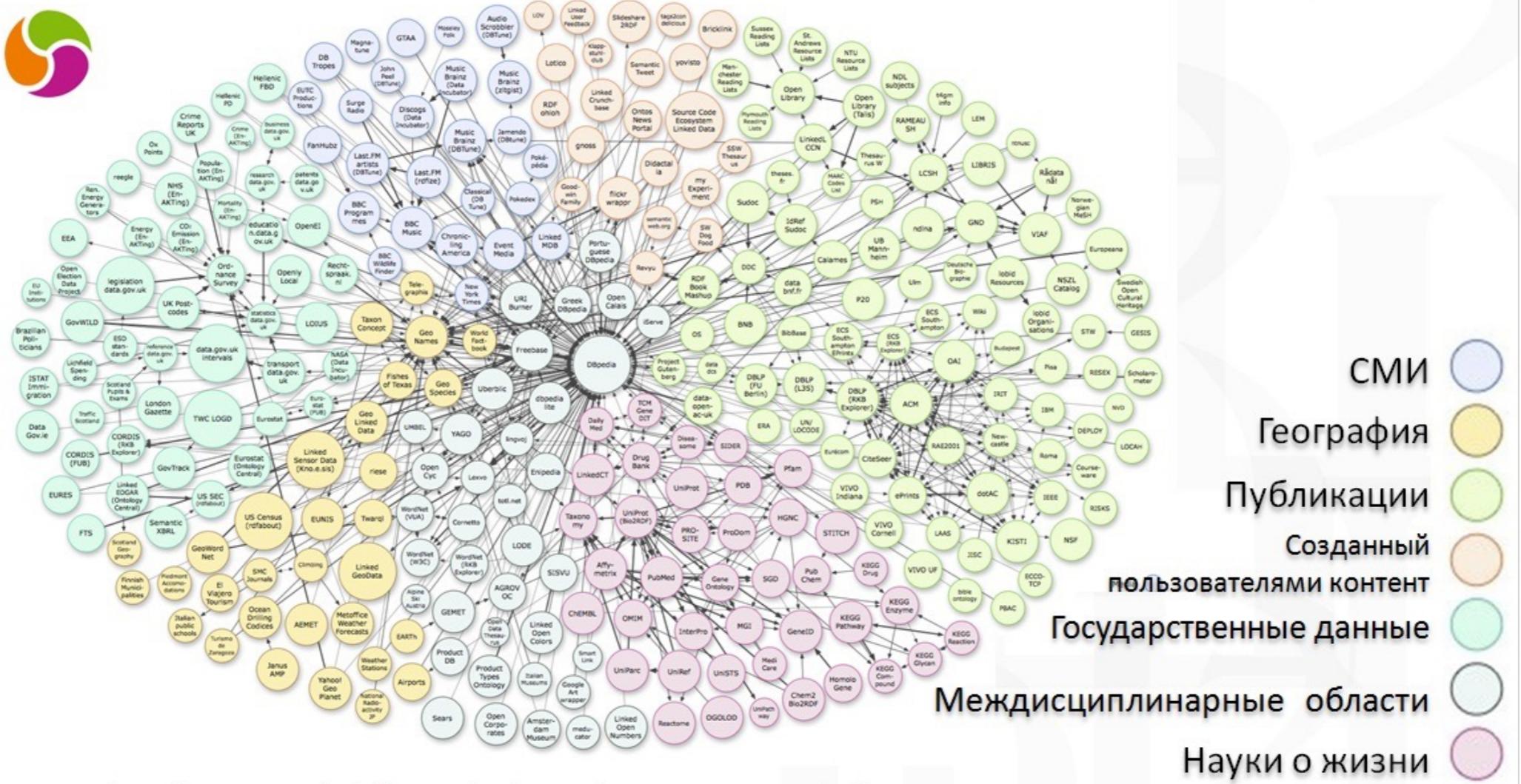
5 star Open Data Model



<http://5stardata.info/>, <http://www.w3.org/DesignIssues/LinkedData.html>

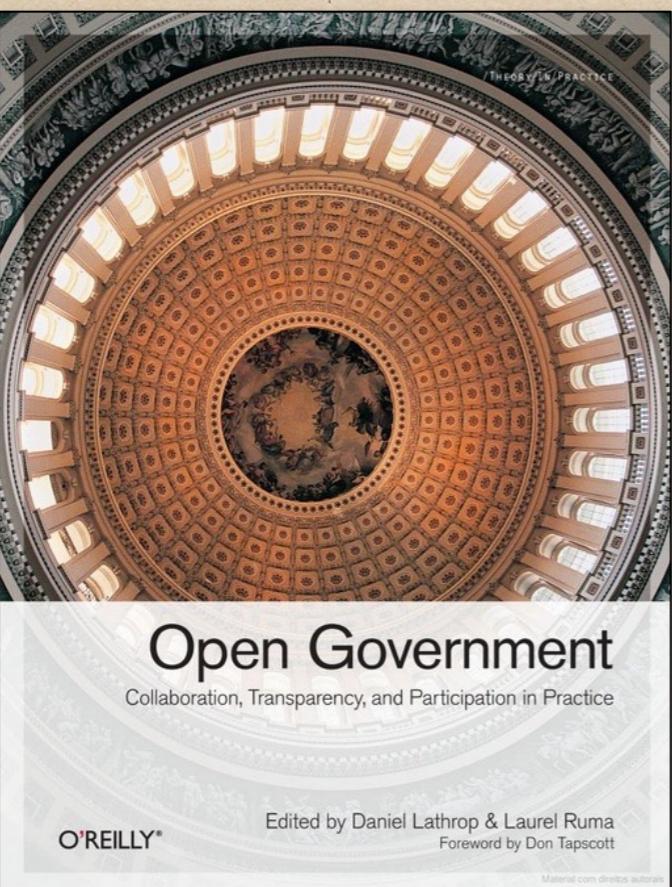
Linked Open Data Cloud

Облако наборов LOD охватывает около более 30 миллиардов триплетов и 500 миллионов связей



Источник: <http://www.w3.org/wiki/SweoIG/TaskForces/CommunityProjects/LinkingOpenData>

Open Data for Open Government



Collaboration

Transparency

Participation

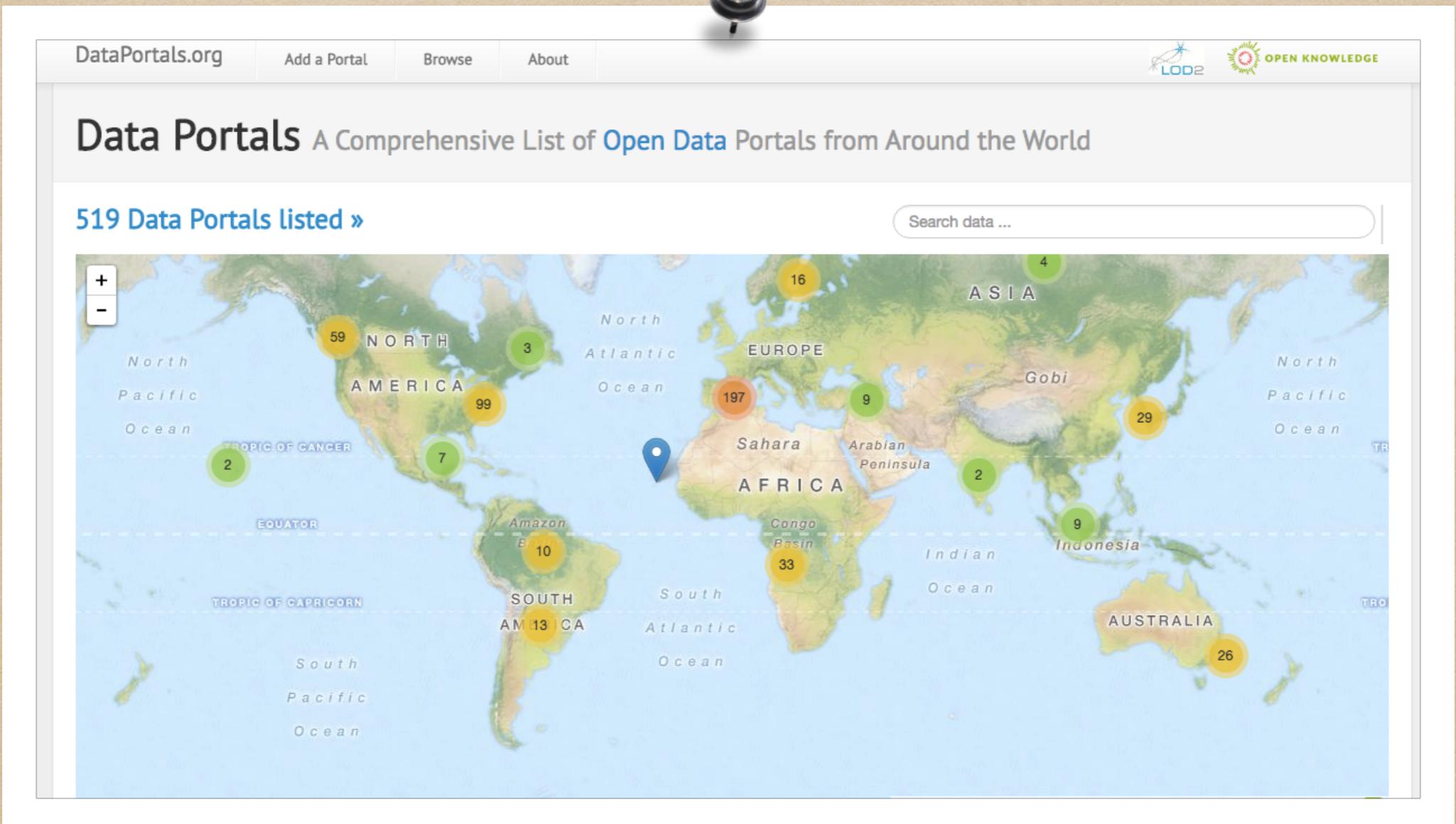
Open Data Portals



The screenshot shows the homepage of the Datahub website. At the top, there is a dark navigation bar with the Datahub logo, a search bar, and links for Log in and Register. Below the navigation bar, there is a large, colorful bar chart with orange and yellow peaks. To the right of the chart, there is a dataset card for "Simene Census Division Boundary File". The card includes a preview, download links for CSV and RDF formats, and a rating of five stars. Below the chart, there are two main sections: "Give your data a home" and "Find data". The "Give your data a home" section encourages users to publish datasets and manage groups. The "Find data" section provides a search bar. At the bottom of the page, there is a footer with links for "Popular Tags" (including "lod", "publications", "format-rdf", "Senegal", "ANSD", "menages", "donnees", and "published-by-third-..."), "About the Datahub", "CKAN API", and "Powered by ckan".

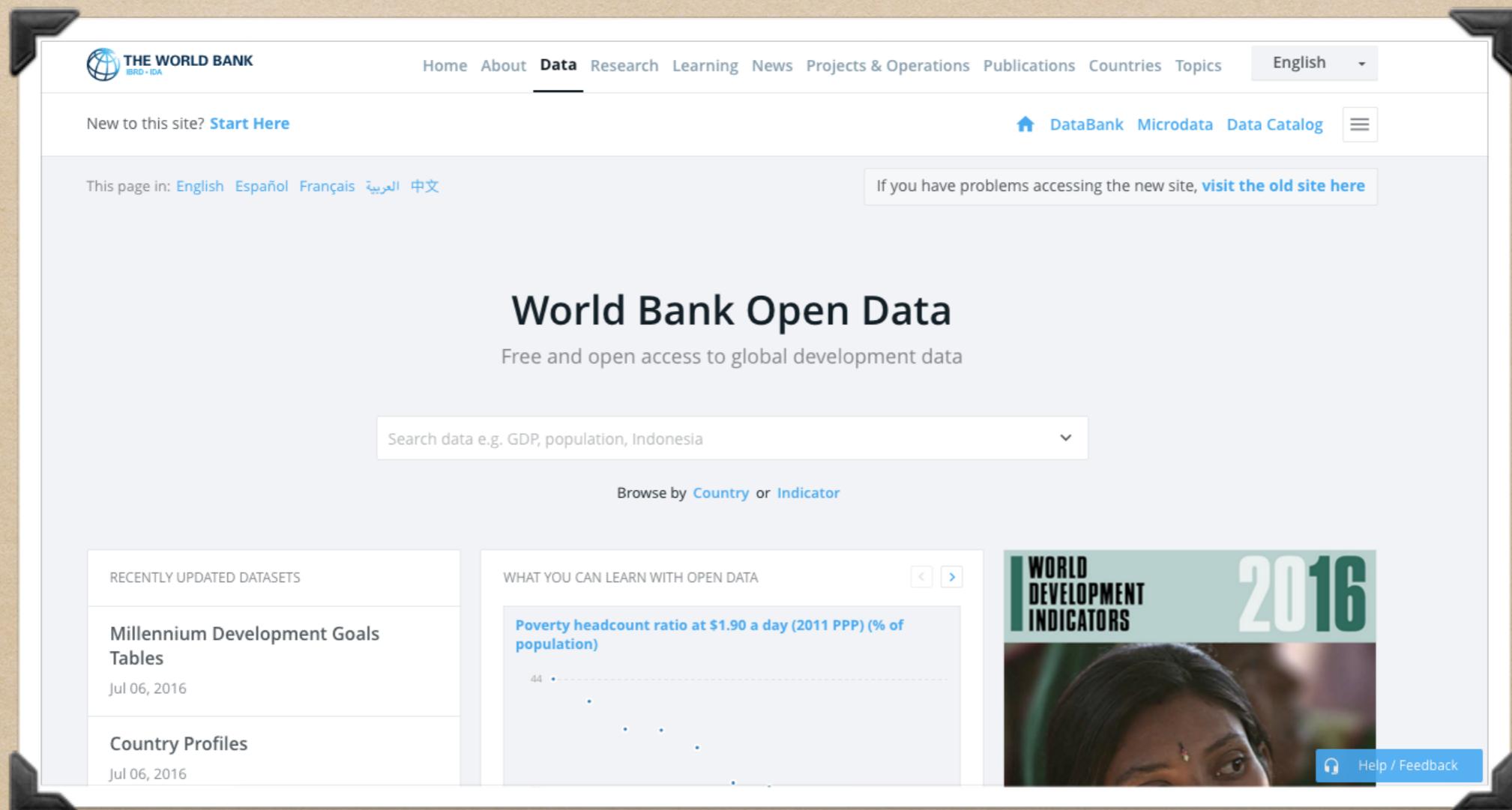
<https://datahub.io/>

Open Data Portals Catalog



<http://dataportals.org/>

Open Data Portal of World Bank



The screenshot shows the homepage of the World Bank Open Data portal. At the top, there is a navigation bar with links for Home, About, Data (which is highlighted), Research, Learning, News, Projects & Operations, Publications, Countries, Topics, and a language selector set to English. Below the navigation bar, there is a message for new users: "New to this site? [Start Here](#)". On the right side of the header, there are links for DataBank, Microdata, and Data Catalog, along with a menu icon. A note below the header says: "If you have problems accessing the new site, [visit the old site here](#)".

The main title "World Bank Open Data" is displayed prominently, followed by the subtitle "Free and open access to global development data". Below the subtitle is a search bar with the placeholder text "Search data e.g. GDP, population, Indonesia". To the right of the search bar is a link to "Browse by Country or Indicator".

On the left side, there is a sidebar titled "RECENTLY UPDATED DATASETS" which lists "Millennium Development Goals Tables" (Jul 06, 2016) and "Country Profiles" (Jul 06, 2016). In the center, there is a section titled "WHAT YOU CAN LEARN WITH OPEN DATA" featuring a chart about "Poverty headcount ratio at \$1.90 a day (2011 PPP) (% of population)". On the right side, there is a large image for the "WORLD DEVELOPMENT INDICATORS 2016" report, showing a woman's face, and a "Help / Feedback" link.

<http://data.worldbank.org/>

Open Data Portal of OECD



<https://data.oecd.org/>

Open Data Portal of USA

A screenshot of the Data.gov homepage, which is framed by black photo corners. The page features a white header bar with the "DATA.GOV" logo and a navigation menu. Below this is a blue header section containing the text "The home of the U.S. Government's open data". The main content area includes a search bar, a "GET STARTED" button, and a "SEARCH OVER 183,946 DATASETS" link. At the bottom, there is a "BROWSE TOPICS" section with icons and links for Agriculture, Business, Climate, Consumer, Ecosystems, Education, and Energy.

<https://www.data.gov/>

Open Data Portal of Great Britain

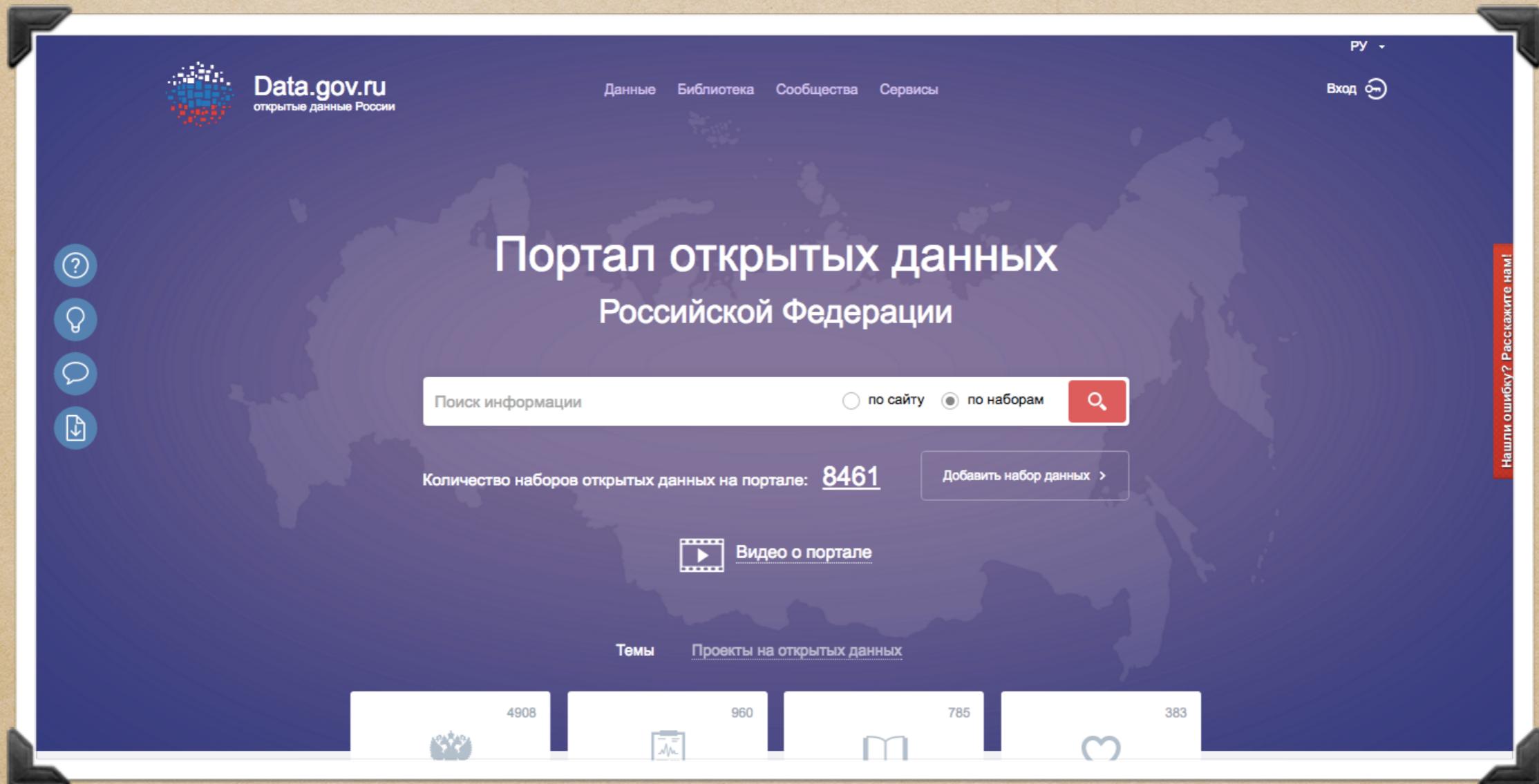
The screenshot shows the homepage of the DATA.GOV.UK Beta website. The header features the logo 'DATA.GOV.UK Beta' with the tagline 'Opening up Government'. The navigation menu includes 'Home', 'Data', 'Apps', and 'Interact', along with a search bar and user icons.

The main content area is divided into several sections:

- NII**: A large graphic with the letters 'NII' in bold black font. Below it, the text reads: 'The National Information Infrastructure exemplars work'.
- Open Data Camp**: An image of a pyramid made of binary code (0s and 1s) with the text 'Open Data Camp' overlaid at the base.
- RELEASE OF DATA FUND**: A large graphic with the text 'RELEASE OF DATA FUND' in bold black font.
- Good stuff continued.....**: A placeholder text entry.
- One small step for local...**: Another placeholder text entry.
- Defra announces major open data programme**: Includes the Department for Environment Food & Rural Affairs logo and text.
- Kicking off the Open Government Project**: Includes the Open Government Partnership logo and text.
- Data packages for bulk downloads**: Includes a ZIP file icon and text.

<https://data.gov.uk/>

Open Data Portal of Russia



<http://data.gov.ru/>

Tim Berners-Lee on TED



https://www.ted.com/talks/tim_berners_lee_on_the_next_web?language=en

Tim Berners-Lee on TED



https://www.ted.com/talks/tim_berners_lee_on_the_next_web?language=en

Questions?



<http://iRadche.ru>

<http://about.me/Irina.Radchenko>

<http://DataDrivenJournalism.ru>



 @iRadche

 <https://github.com/iRadche>

 <https://www.facebook.com/iRadche>

 <http://www.slideshare.net/iRadche>