

Тренинг «MIT.UZ Open Data Challenge 2016»

Ташкент, 24-27 ноября 2016 года

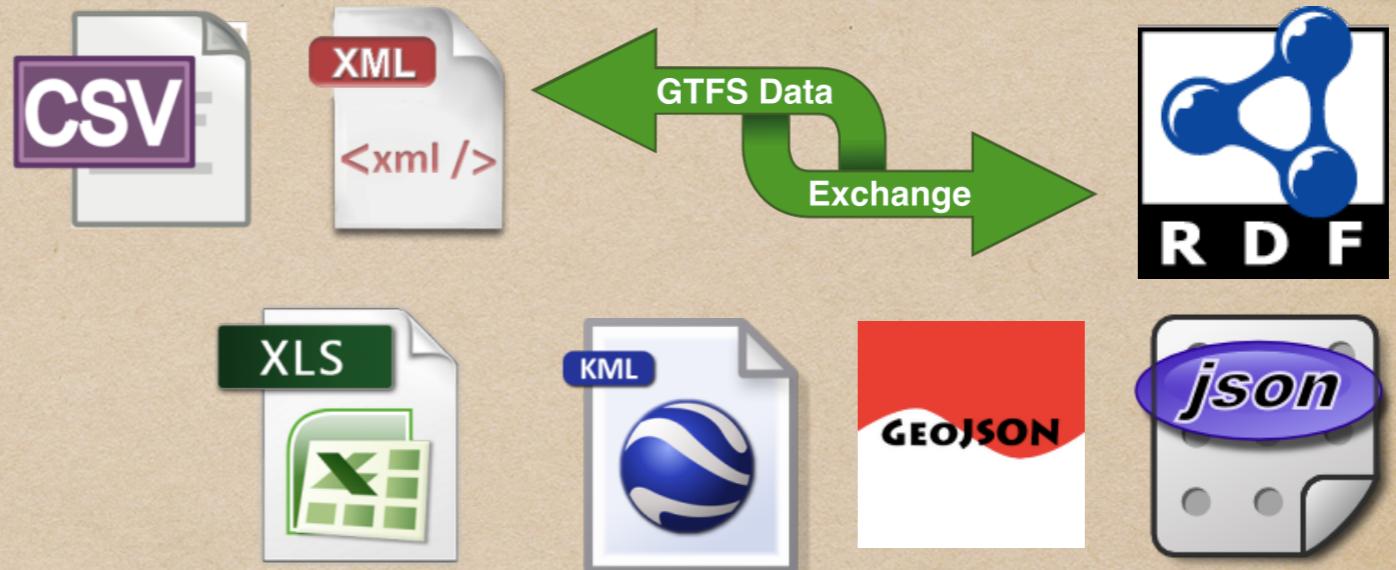
Открытые данные и работа с ними. Международные практики

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Определение открытых данных

Машиночитаемые
форматы данных



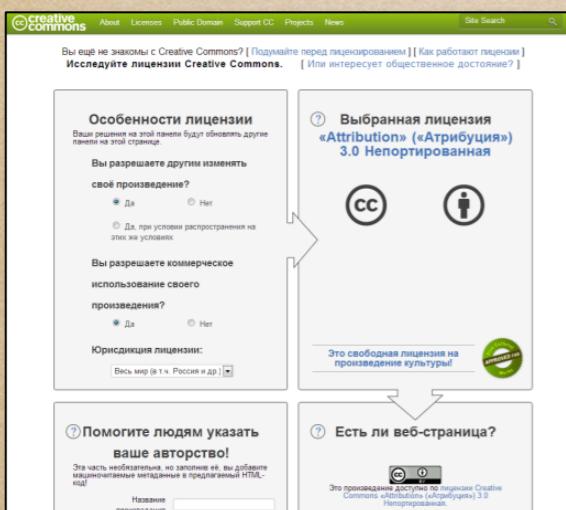
Открытые лицензии



Открытые лицензии

Creative Commons

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



Open Government Licence

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

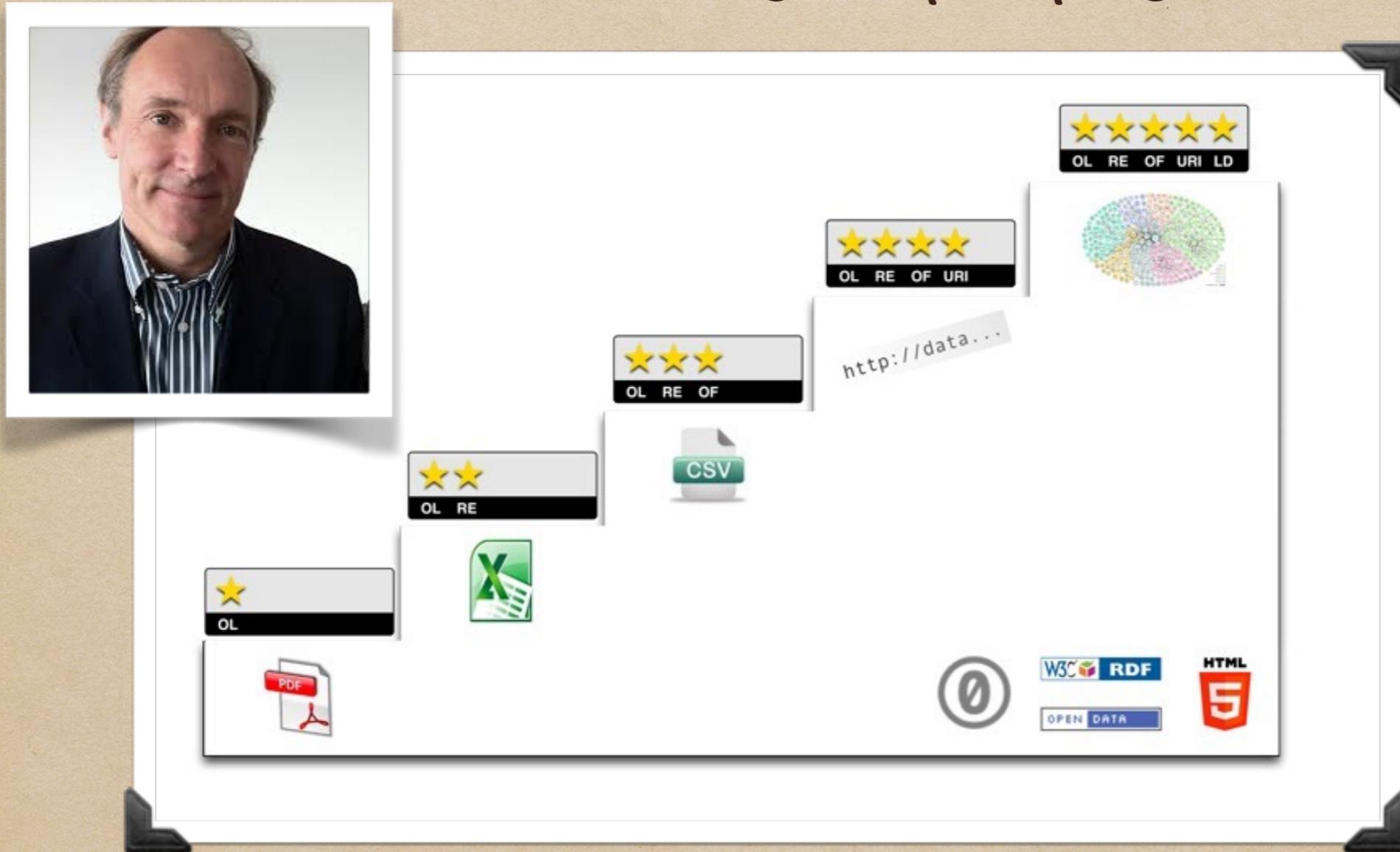
A screenshot of the Open Government Licence website. It features the Royal Coat of Arms logo and the text 'Open Government Licence for public sector information'. Below this, it says 'You are encouraged to use and re-use the Information that is available under this licence, the Open Government Licence, freely and flexibly, with only a few conditions.' A section titled 'Using information under this licence' explains the terms and conditions. Another section, 'You are free to:', lists actions like copying, adapting, and exploiting the information. A section titled 'You must, where you do any of the above:' lists restrictions, such as acknowledging the source and avoiding misleading use. A note at the bottom states: 'If the Information Provider does not provide a specific attribution statement, or if you are using Information from several Information Providers and multiple attributions are not practical in your product or application, you may consider using the following:' followed by a list of options.

Open Data Commons

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

A screenshot of the Open Data Commons website. It has a header with the logo and navigation links: Home, Licenses, Norms, FAQ, News, About. The main content area has a 'Legal tools for Open Data' header. Below it, a 'Licenses' section lists three options: 'Public Domain Dedication and License (PDDL) — "Public Domain for data/databases"', 'Attribution License (ODC-By) — "Attribution for data/databases"', and 'Open Database License (ODC-ODbL) — "Attribution Share-Alike for data/databases"'. A 'Applying a License' section provides instructions. A 'Questions or suggestions? There is:' section lists a 'License FAQ' and a 'Public mailing list, wiki page and contact email'. The footer includes a 'Meta' section and a note about the site being an Open Knowledge Foundation project.

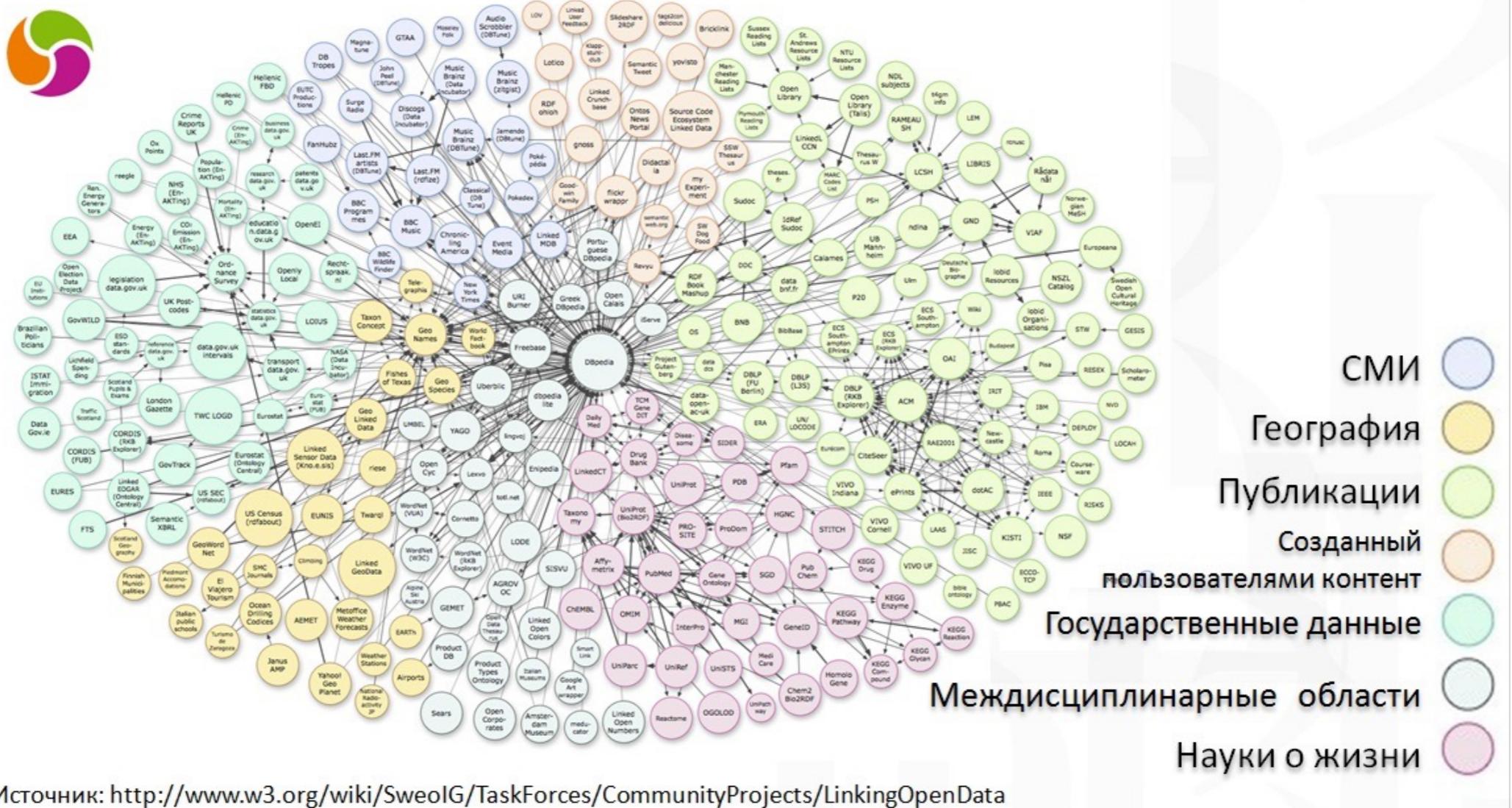
Пятизвездочная модель открытости данных по Тиму Бернерсу-Ли



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

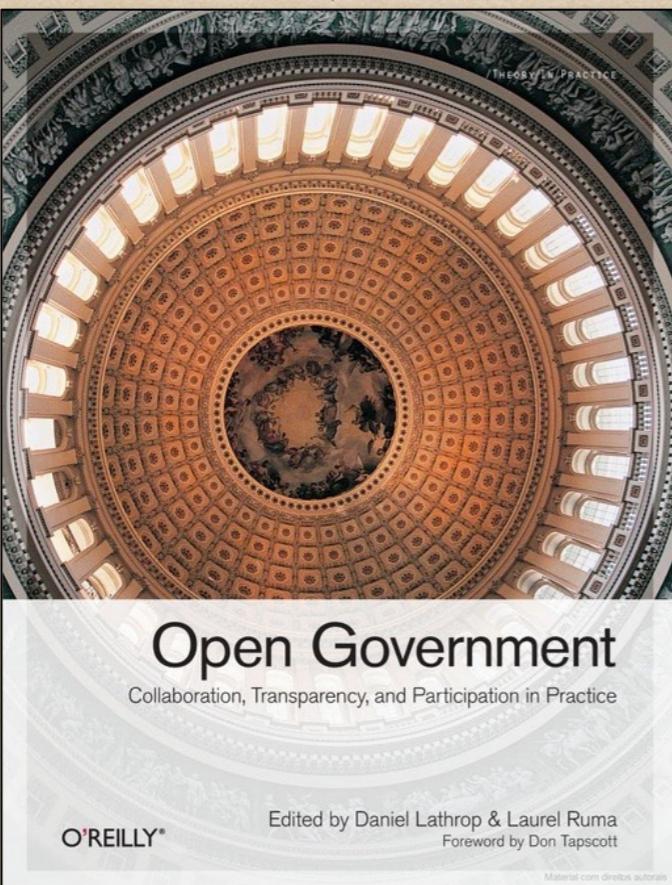
Области использования связанных открытых данных (Linked Open Data)

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



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

Открытые данные как основа открытого государства



Сотрудничество

Прозрачность

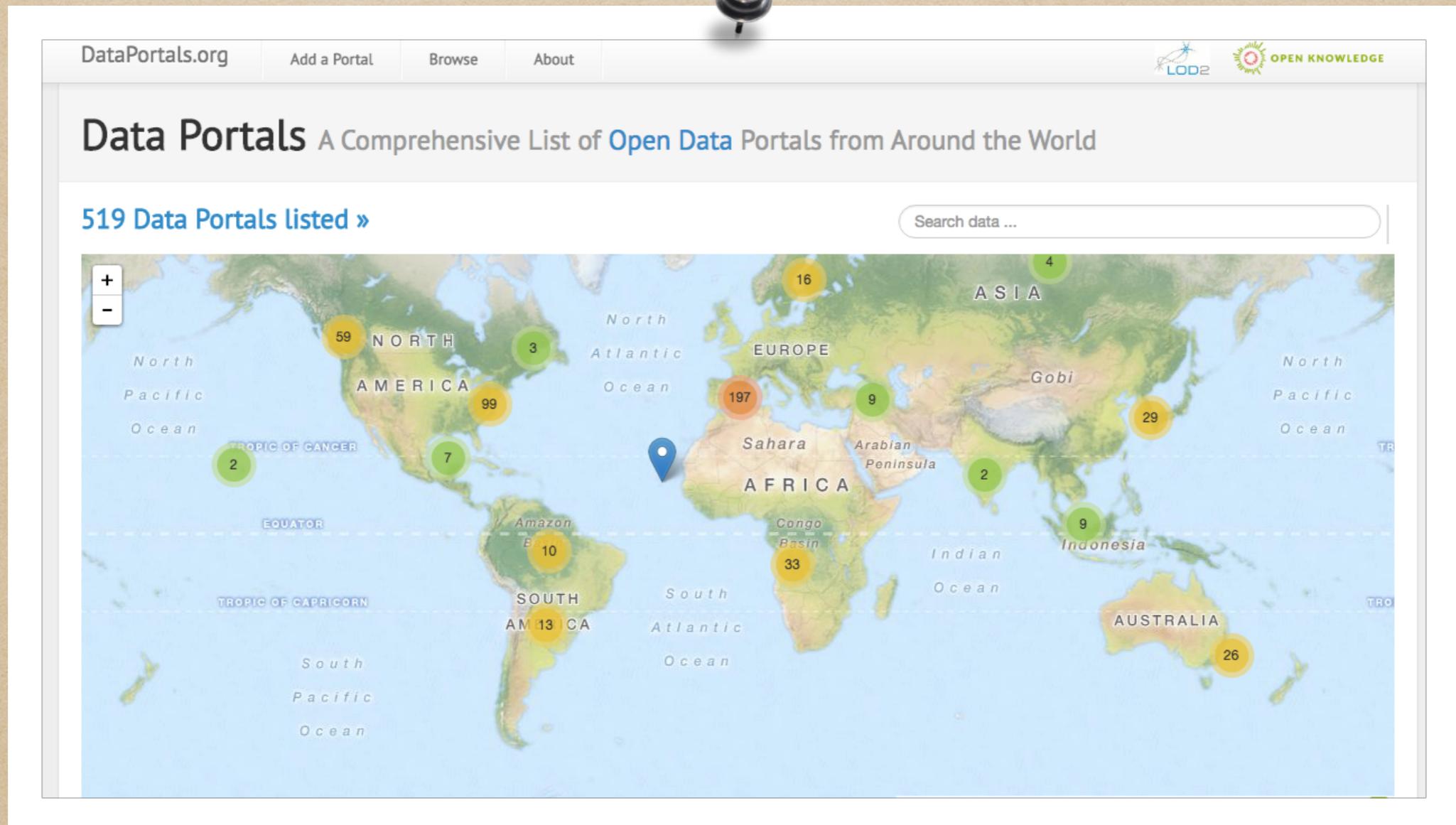
Участие

Порталы открытых данных

The screenshot shows the homepage of the Datahub website. At the top, there is a navigation bar with links for 'Log in' and 'Register'. Below the navigation bar, the Datahub logo is displayed, followed by a search bar. The main content area features a large, colorful bar chart at the top left. To the right of the chart, there is a dataset card for 'Aboriginal identity population by age group'. The card includes a preview of the data, download options for 'CSV' and 'RDF', and a rating of five stars. Below this, there are two main sections: 'Give your data a home' on the left and 'Find data' on the right. 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 banner for 'the free, powerful data management platform from the Open Knowledge Foundation'. Below the banner, a 'Popular Tags' section lists various tags such as 'lod', 'publications', 'format-rdf', 'Senegal', 'ANSO', 'menages', 'donnees', and 'published-by-third...'. At the very bottom, there are links for 'About the Datahub' and 'CKAN API', along with a 'Powered by CKAN' logo.

<https://datahub.io/>

Каталог порталов открытых данных



<http://dataportals.org/>

Портал открытых данных Всемирного банка

The screenshot shows the homepage of the World Bank Open Data website. 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 this message is a link to the "old site". There is also a search bar and a "Browse by Country or Indicator" link. The main content area features a large title "World Bank Open Data" and a subtitle "Free and open access to global development data". Below this, there is a search bar with placeholder text "Search data e.g. GDP, population, Indonesia". To the right of the search bar is a "Browse by Country or Indicator" link. On the left, there is a sidebar titled "RECENTLY UPDATED DATASETS" with links to "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" showing a chart for "Poverty headcount ratio at \$1.90 a day (2011 PPP) (% of population)". To the right, there is a thumbnail for the "WORLD DEVELOPMENT INDICATORS 2016" report, featuring a woman's face. At the bottom right of the page is a "Help / Feedback" link.

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

Портал открытых данных ОЭСР

The screenshot shows the homepage of the OECD Data portal. At the top, there is a navigation bar with links to 'OECD.org', 'Data', 'Publications', 'More sites', 'News', and 'Job vacancies'. Below the navigation bar, the main header reads 'OECD Data' with a globe icon. To the right of the header are links to 'Français' and 'Search tips'. A search bar is located below the header. On the left side, there is a section titled 'Featured Charts' with a sub-section about 'Real GDP forecast'. A bar chart titled 'Real GDP forecast' shows annual growth rates from 2010 to 2017. The y-axis ranges from 1 to 7. Most bars are grey, with one yellow bar in 2012, one purple bar in 2013, one green bar in 2014, and two red bars in 2015 and 2016. To the right of the chart, there is a section titled 'Browse by topic or country'. Below the chart, there is a section titled 'Latest news' with a link to 'Statistical news releases'. Further down, there are sections for 'Compare your income' (with a link to 'Compare your income'), 'Statistical resources', and 'Database access' (with a screenshot of a database interface).

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

Портал открытых данных США

The screenshot shows the homepage of Data.gov. At the top, there is a navigation bar with the DATA.GOV logo, followed by links for DATA, TOPICS, IMPACT, APPLICATIONS, DEVELOPERS, and CONTACT. Below the navigation bar is a blue header section containing the text "The home of the U.S. Government's open data". Underneath this, a sub-section reads: "Here you will find data, tools, and resources to conduct research, develop web and mobile applications, design data visualizations, and more." In the center of the page is a "GET STARTED" button with the sub-instruction "SEARCH OVER 183,946 DATASETS". Below this is a search bar with the placeholder text "Search Data.gov" and a magnifying glass icon. Further down, there is a "BROWSE TOPICS" section featuring seven categories: Agriculture (wheat icon), Business (store icon), Climate (sun and bar chart icon), Consumer (shopping cart icon), Ecosystems (leaf and water icon), Education (graduation cap icon), and Energy (lightbulb icon).

DATA.GOV

DATA TOPICS IMPACT APPLICATIONS DEVELOPERS CONTACT

The home of the U.S. Government's open data

Here you will find data, tools, and resources to conduct research, develop web and mobile applications, design data visualizations, and more.

GET STARTED

SEARCH OVER 183,946 DATASETS

Search Data.gov

BROWSE TOPICS

Agriculture

Business

Climate

Consumer

Ecosystems

Education

Energy

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

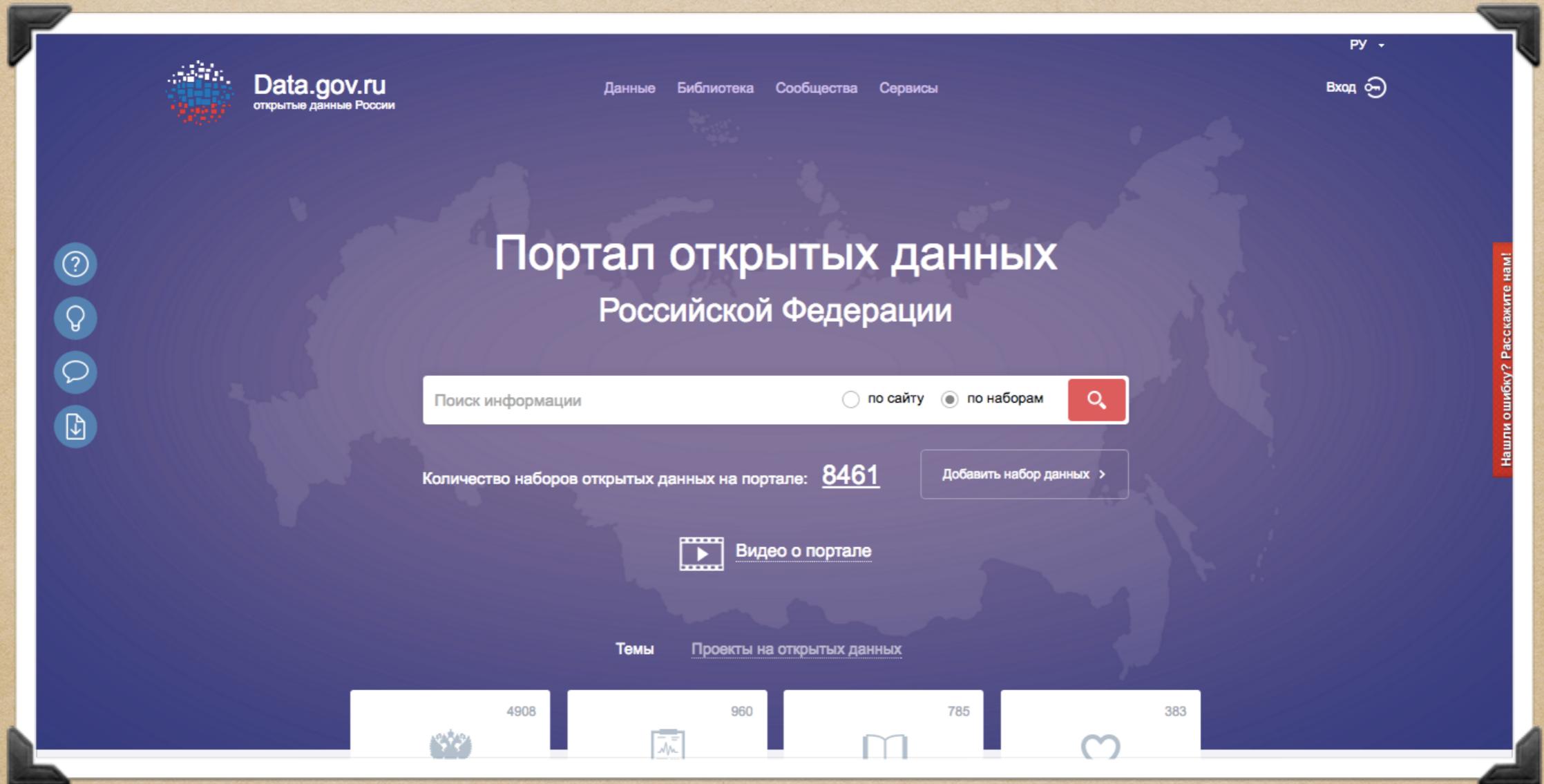
Портал открытых данных Великобритании

The screenshot shows the homepage of DATA.GOV.UK Beta. The top navigation bar includes links for Home, Data, Apps, and Interact, along with a search bar and user authentication icons. The main content area features several large, bold text elements and smaller cards with news snippets.

- NII**
The National Information Infrastructure exemplars work
- Open Data Camp**
Good stuff continued.....
- RELEASE OF DATA FUND**
One small step for local...
- Defra announces major open data programme**
[Defra logo]
- Kicking off the Open Government Project**
[Open Government Partnership logo]
- Data packages for bulk downloads**
[ZIP file icon]

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

Каталог открытых данных РФ



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

Мировое движение открытых данных

The screenshot shows the DataPortals.org website with a search results page for "Search Data Portals". The page displays four entries, each featuring a logo, the portal name, a brief description, and two small blue buttons labeled "ctic" and "unitedstates".

- Ann Arbor, Michigan**
City of Ann Arbor's Open Data Catalog (USA)

ctic unitedstates
- Africa Open Data**
Africa's largest central repository for Government, Civil Society, Corporate and Donor Agency Data.

ckan africa
- Alabama**
Open Alabama Initiative

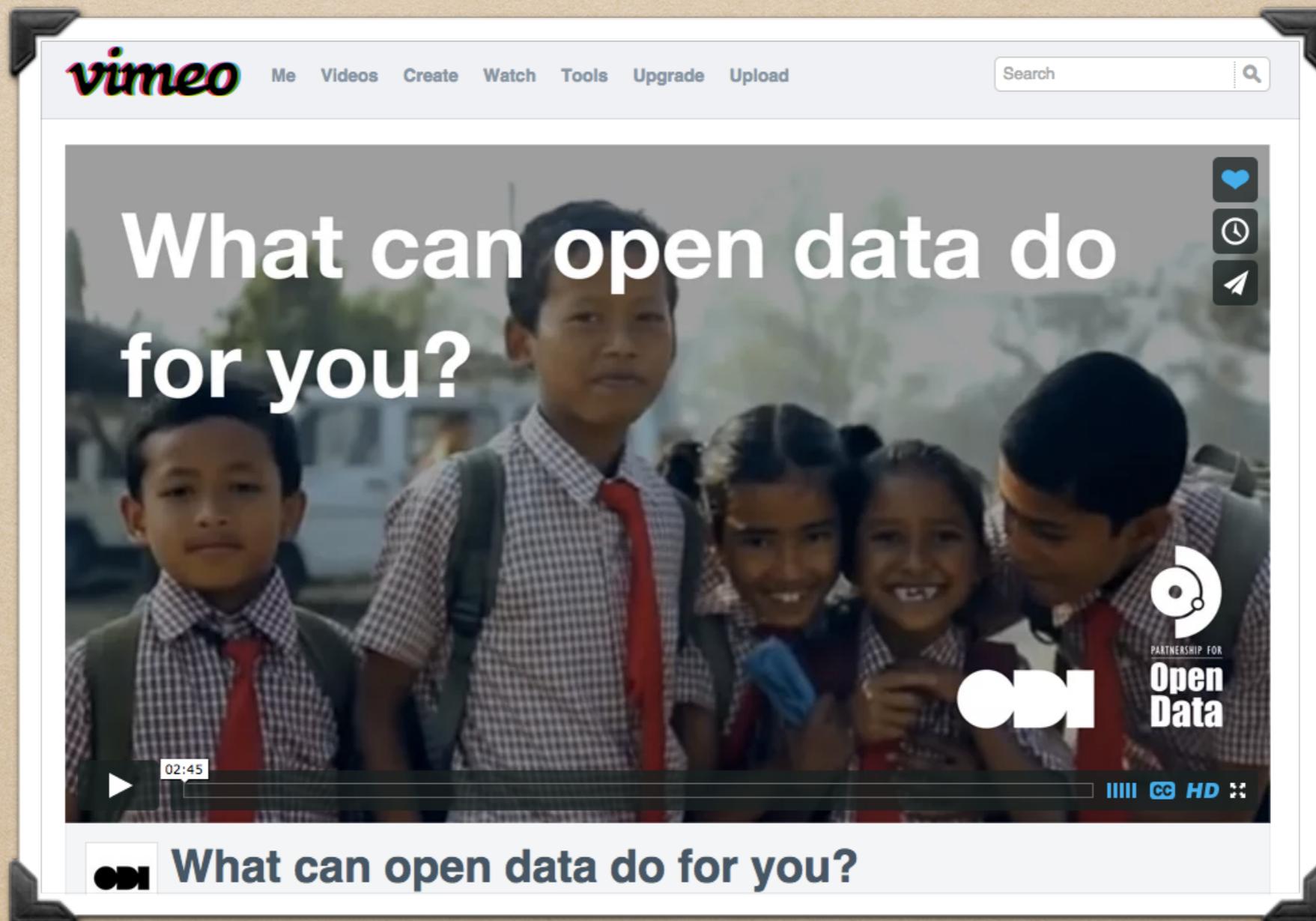
ctic unitedstates
- Open Data Albania**


Источник: <http://dataportals.org/search>

Области использования открытых данных

- В науке
- В работе государственных органов
- В бизнесе
- В образовании
- В журналистике

Что открытые данные могут сделать для вас?



Источник: <https://vimeo.com/110800848>

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

Вопросы?



<http://iRadche.ru>

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

<http://DataDrivenJournalism.ru>



 @iRadche

 <http://iRadche.livejournal.com/>

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

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