Reuse of Open Data

اللجنة الاقتصادية والاجتماعية لغربي آسيا

Khaled SELLAMI
Director General, e-government Unit, Tunisia
Expert in Open Government and Open Data

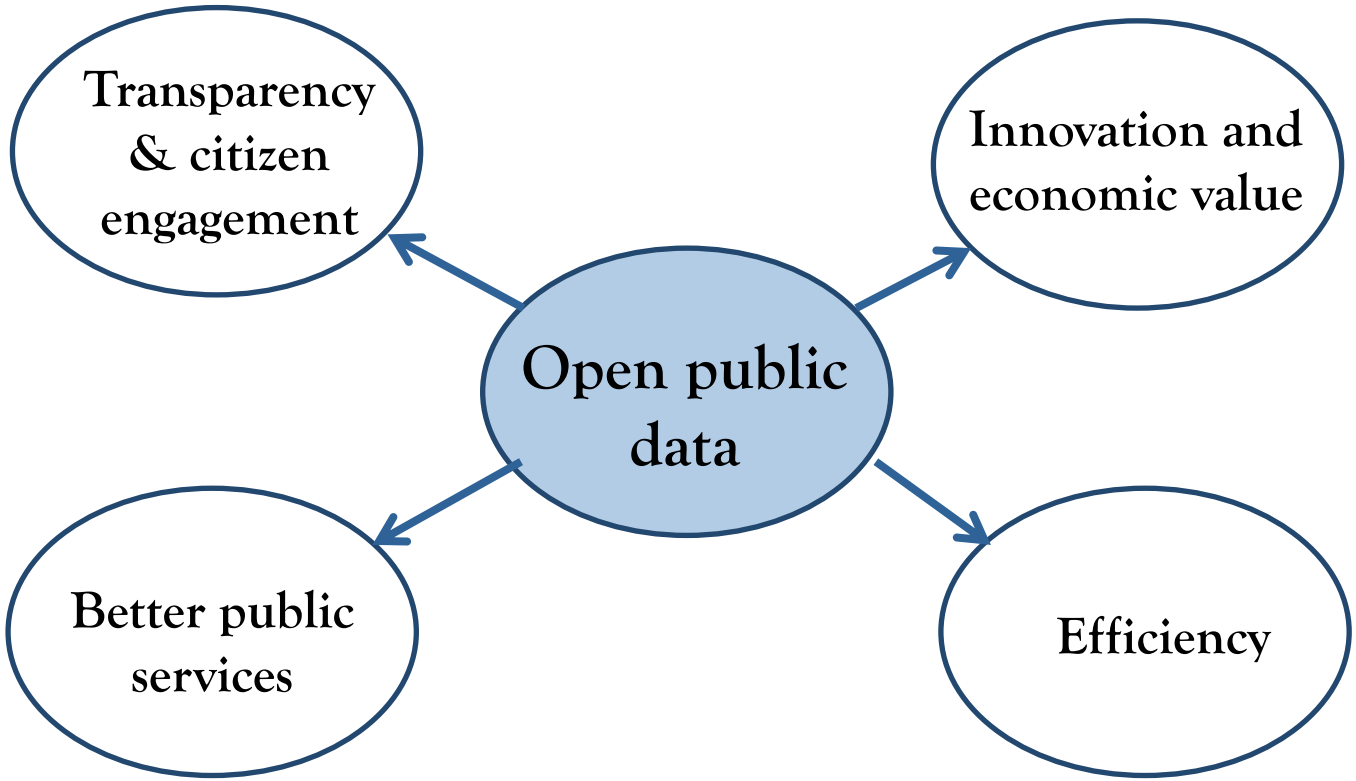
National Workshop in Palestine on Open Government
And Open Data
29-30 January 2020, Ramallah, Palestine

(Remote pesentation)

الأمم المتحدة
الاسكوا
ESCWA

What is Open Data?

Avantages of opening public data



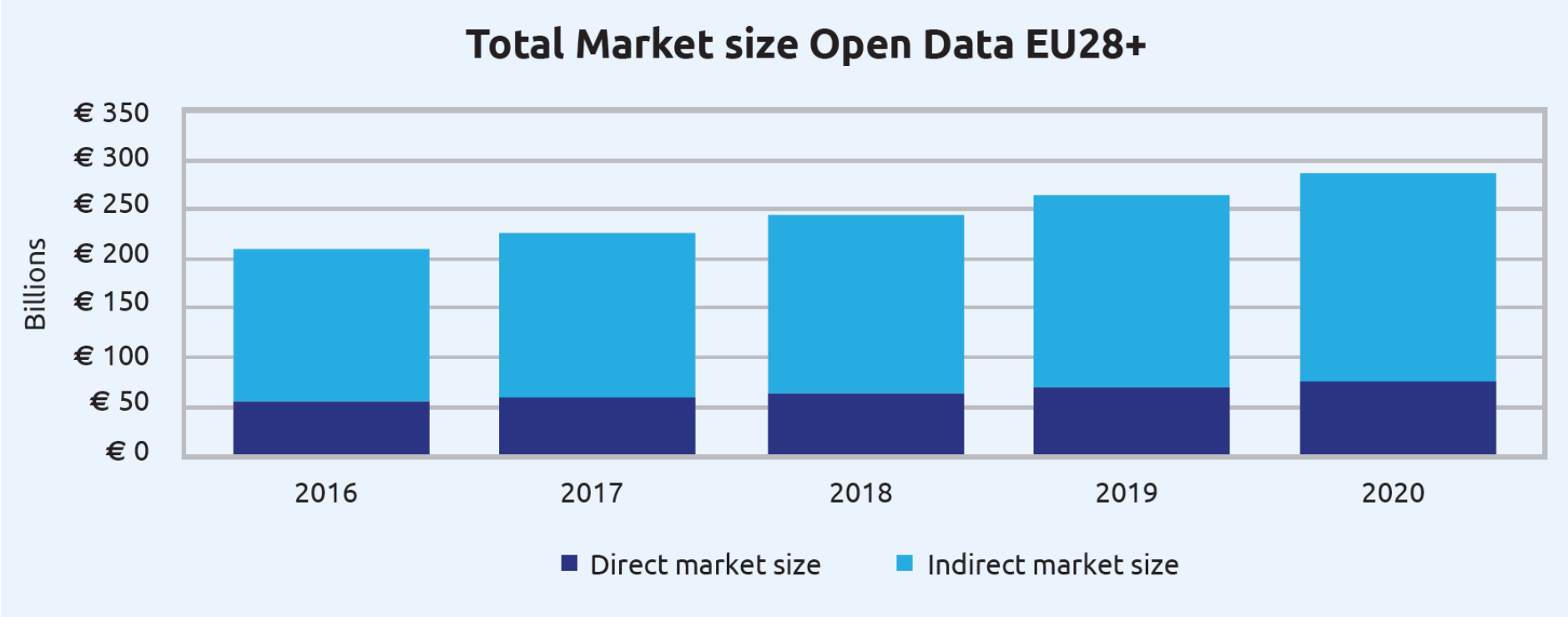


Figure 1 – Total market size (high bound), split in direct and indirect size for EU28+in billions, 2016-2020

Creating value through Open Data
https://www.europeandataportal.eu/sites/default/files/edp_creating_value_through_open_data_0.pdf

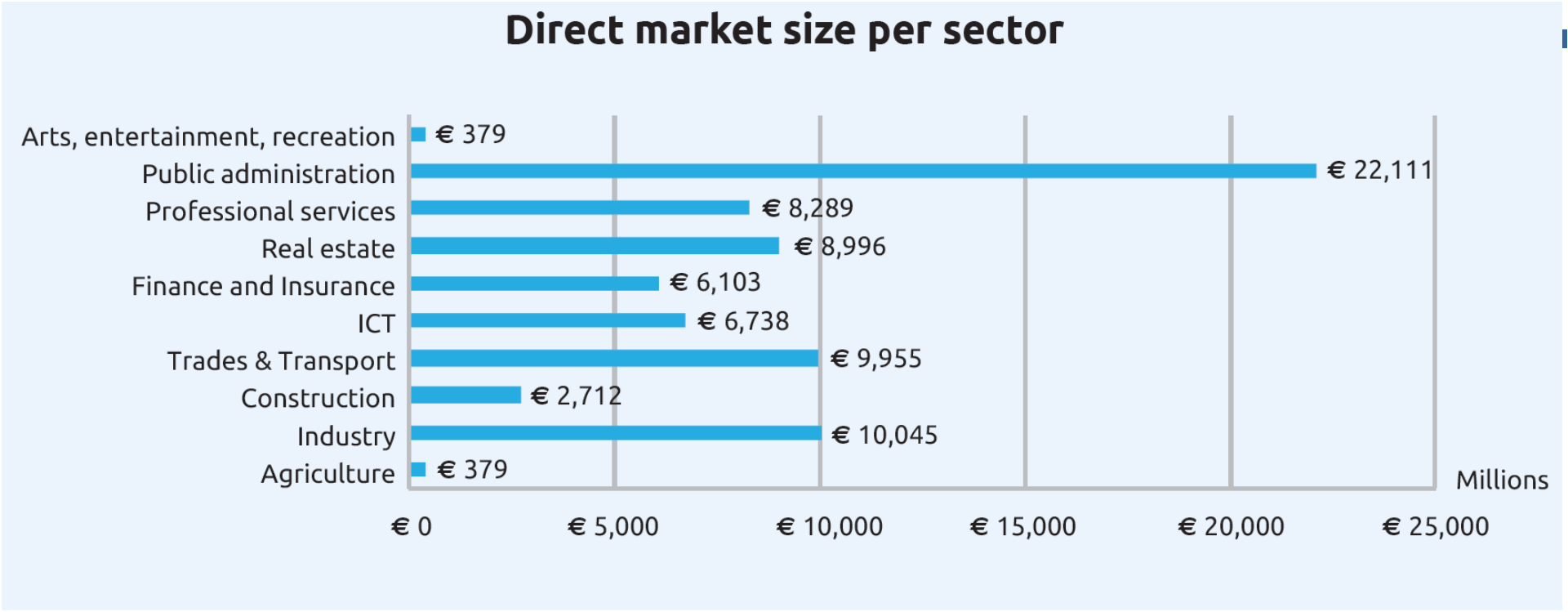
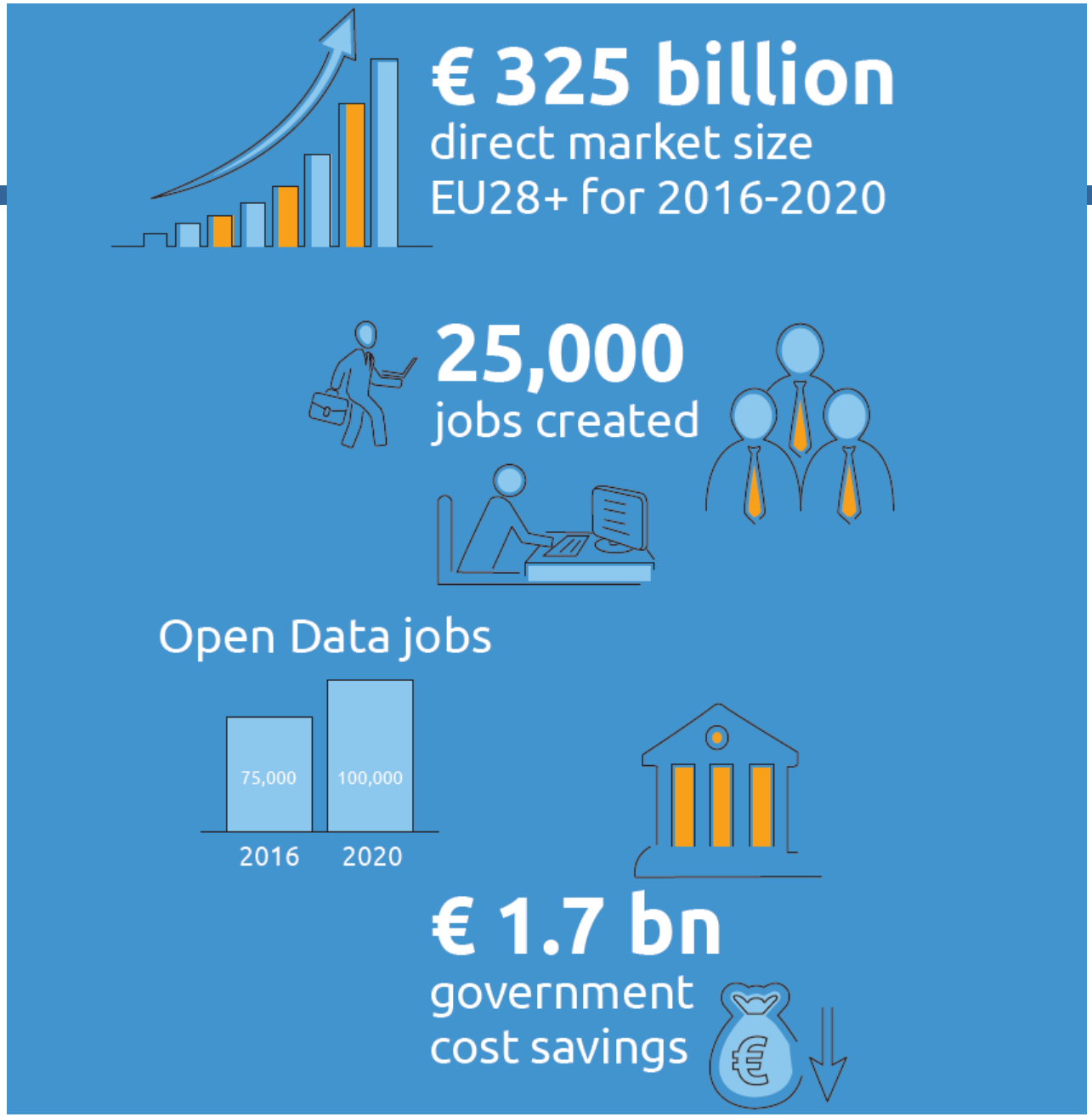


Figure 2 – Direct market size of Open Data per market sector for EU28+ in millions, 2020

Creating value through Open Data
https://www.europeandataportal.eu/sites/default/files/edp_creating_value_through_open_data_0.pdf



Creating value through Open Data
https://www.europeandataportal.eu/sites/default/files/edp_creating_value_through_open_data_0.pdf

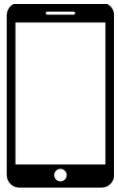
Open data dispose of an important potentiel to creatz social and economic value

Publish data

Public institutions publish and share data on line

Programmers/ entreprises serach for data

Programmers/ entreprises integrate data in applications (services)



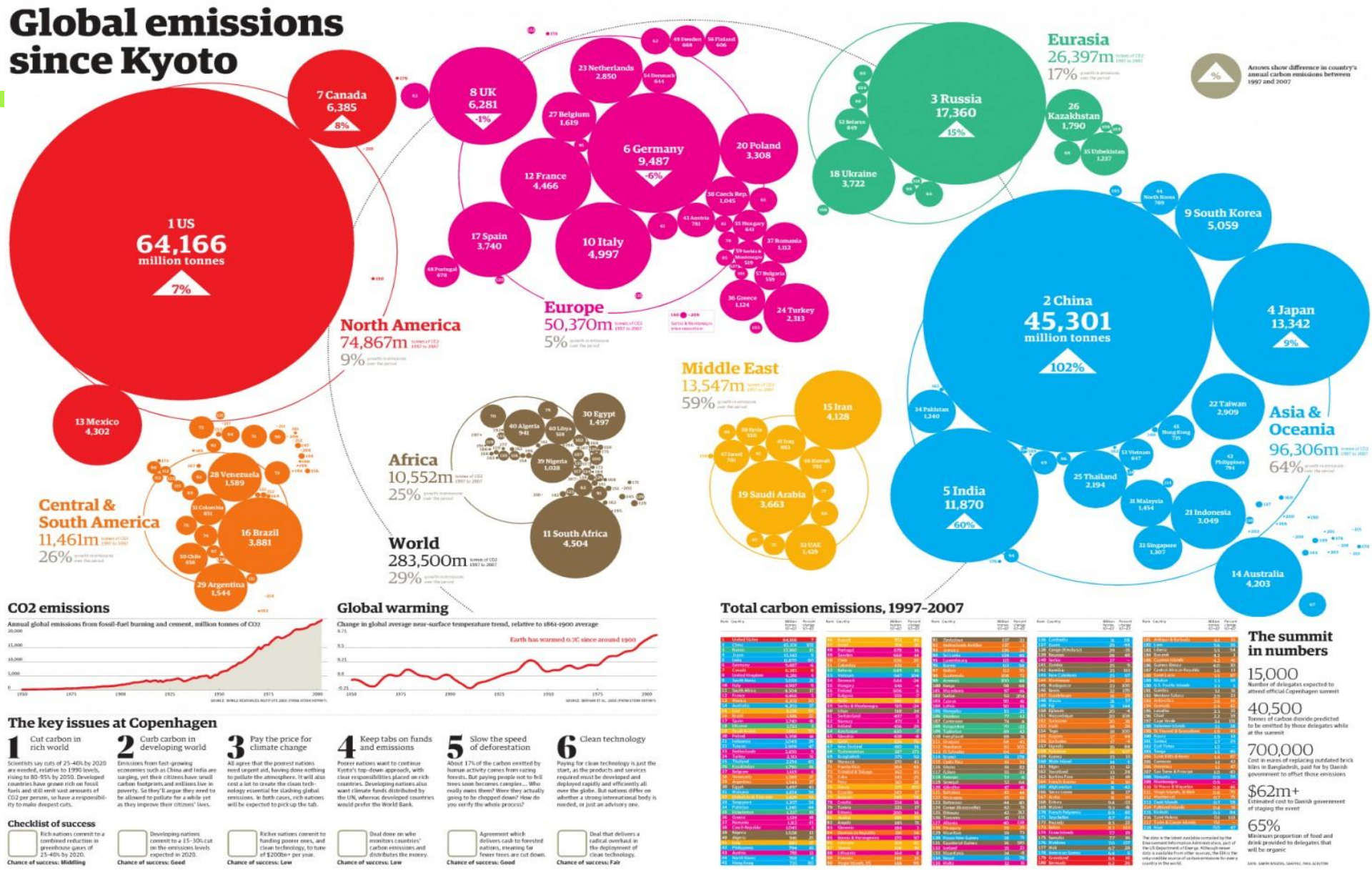
Citizens/ entreprises benefit from application (or service)

Reuse of data

Reuse of data

Examples of reusing open data for innovation and value creation

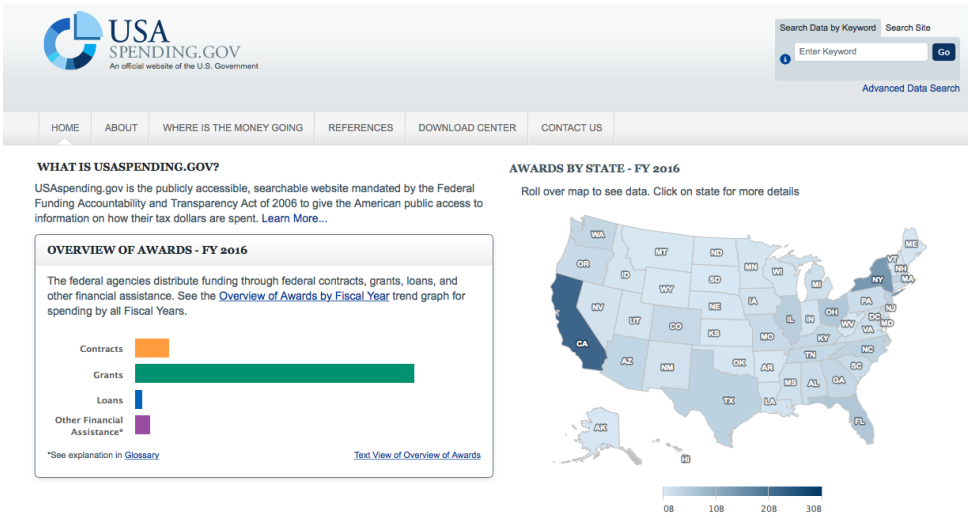
Exemple 1

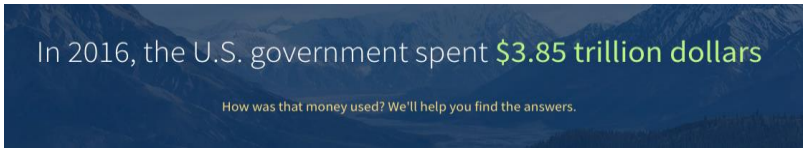


https://visual.ly/community/infographic/environment/global-emissions-kyoto

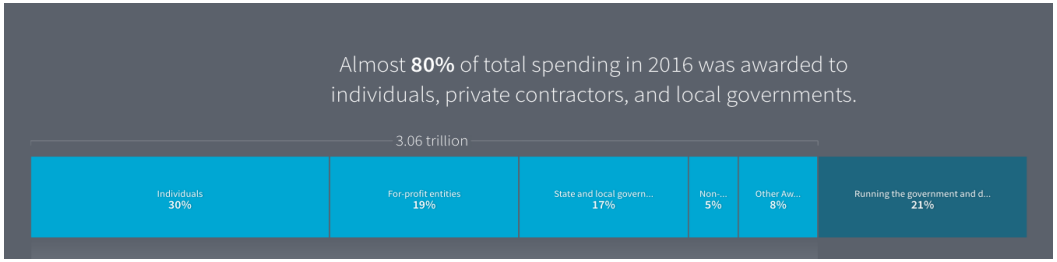
Examples of OD partals on specific subjects

Spending Transparency



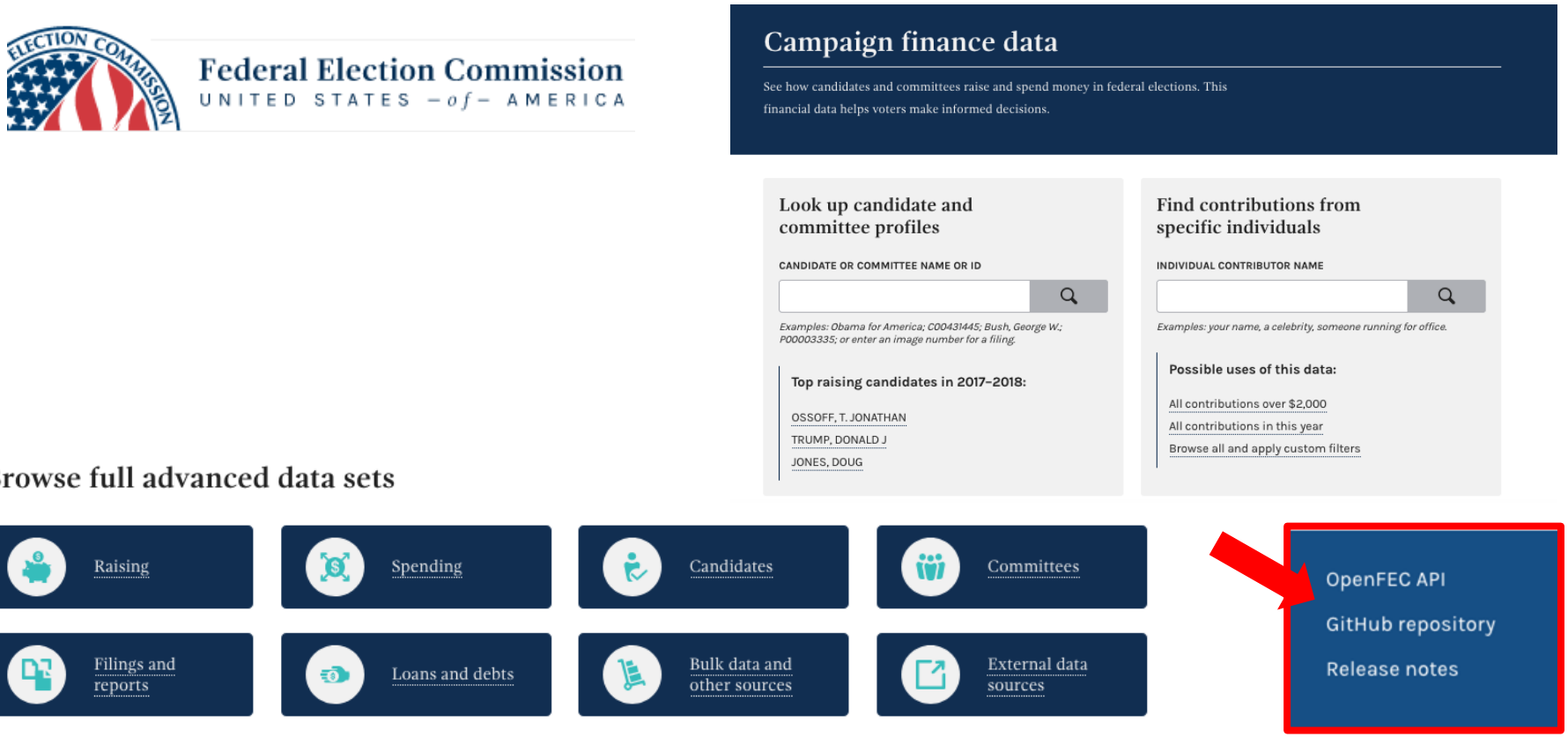


Makes data on Federal spending more accessible,, searchable, and trustable



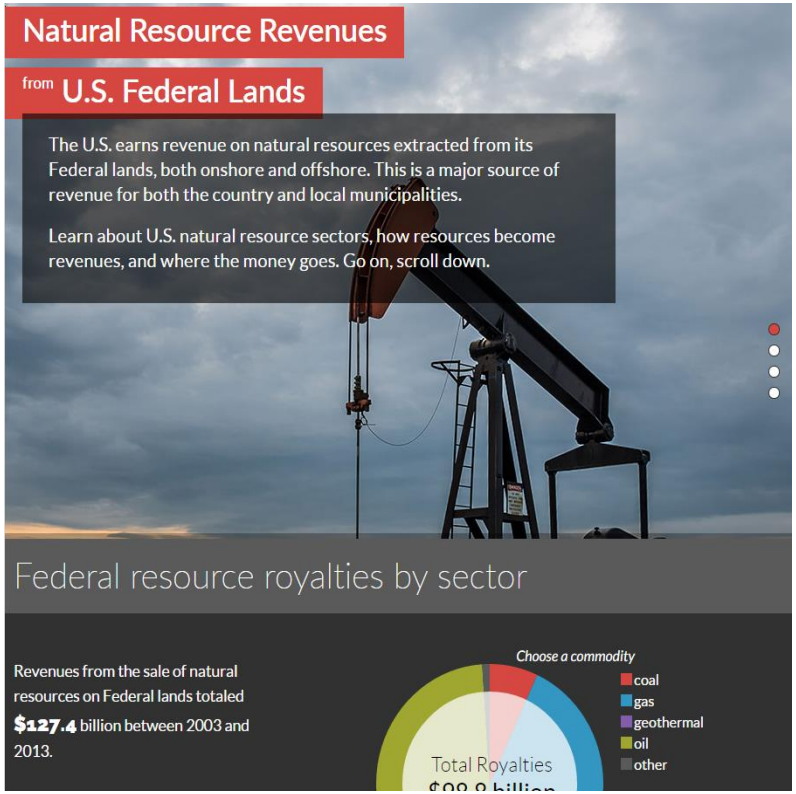
Examples of OD partals on specific subjects

Search for data on electoral campaign finance data
www.fec.gov

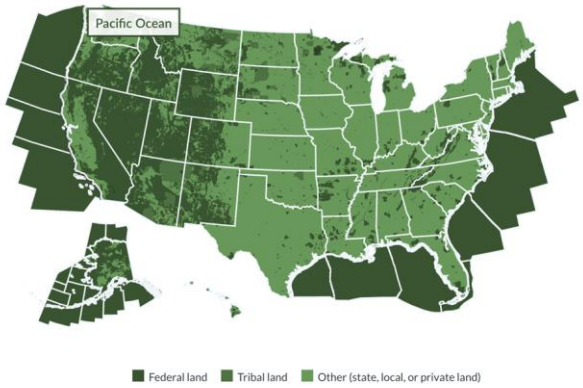


Examples of OD partals on specific subjects

Transparency in extractive industries



Publication in open format of data on natural ressources revenues in USA. revenuedata.DOI.gov



OD sectorial portals in Tunisia

www.openculture.gov.tn/

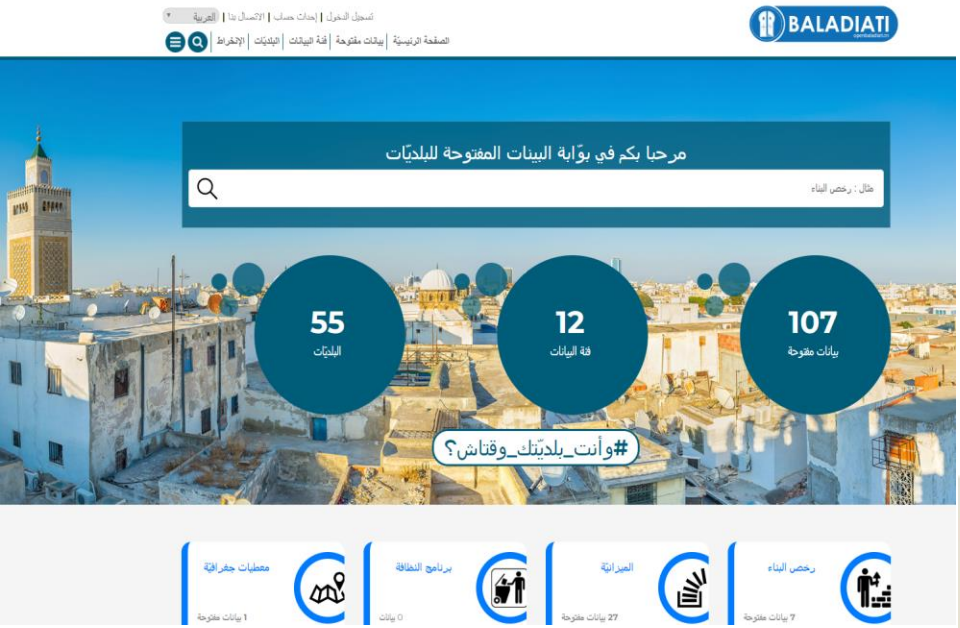
data.industrie.gov.tn/

data.gov.tn

data.transport.tn/

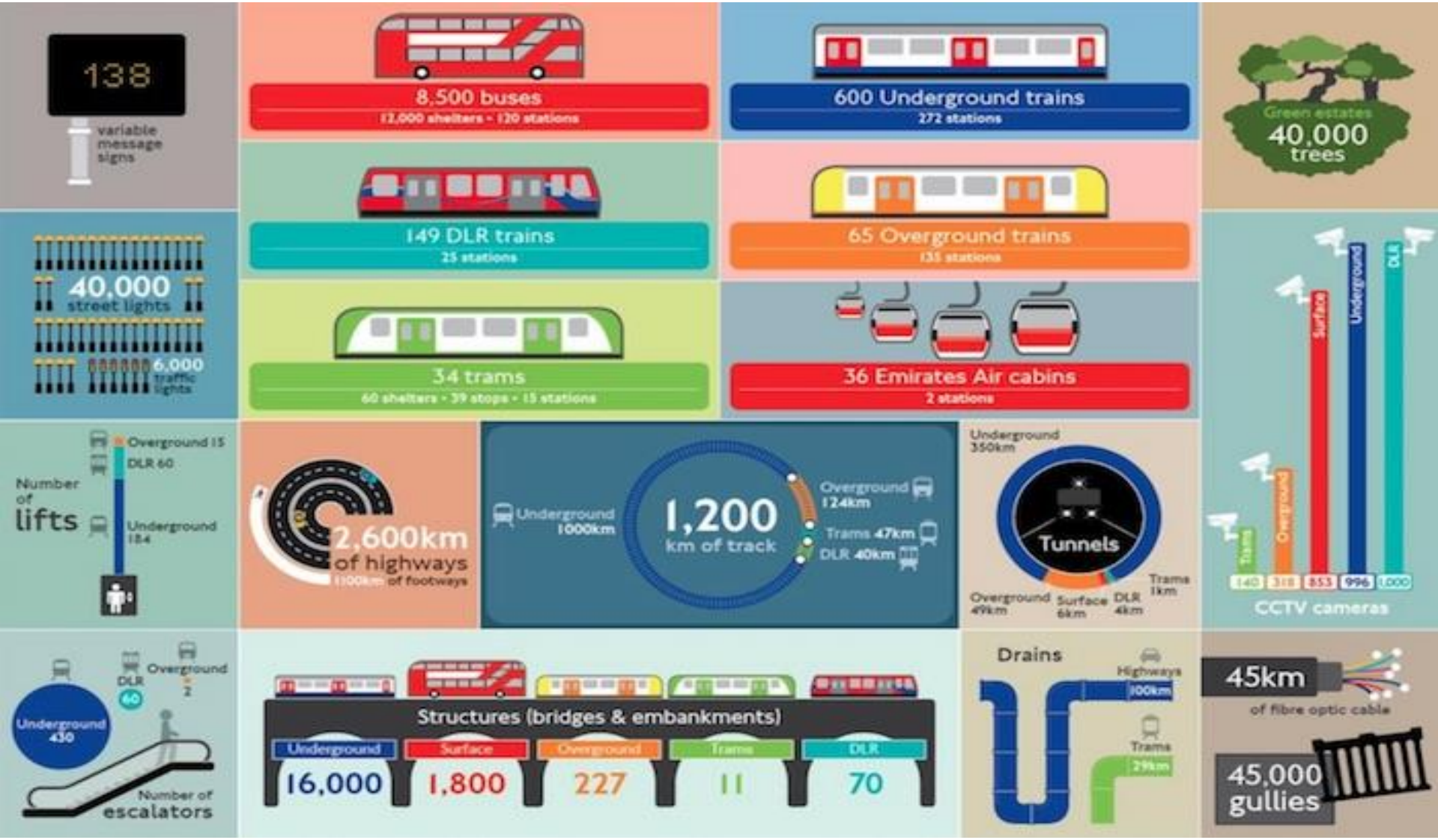
www.agridata.tn/

OD portals at local level in Tunisia



http://openbaladiati.tn/

Transport for London (TfL)



Transport for London (TfL)

Publication of open data by TFL generate anually economies of about 130 millions pounds for travelers, the city of London and TFL.

TfL open data is now used by more than 600 applications that changed the way to travel in London. 80 APIs made available to users.

Number of applications using TFL open data 2012-2016*

Apps using TfL include journey planners, mapping tools, booking and scheduling tools and analytics engines.

Source : Deloitte, 2017

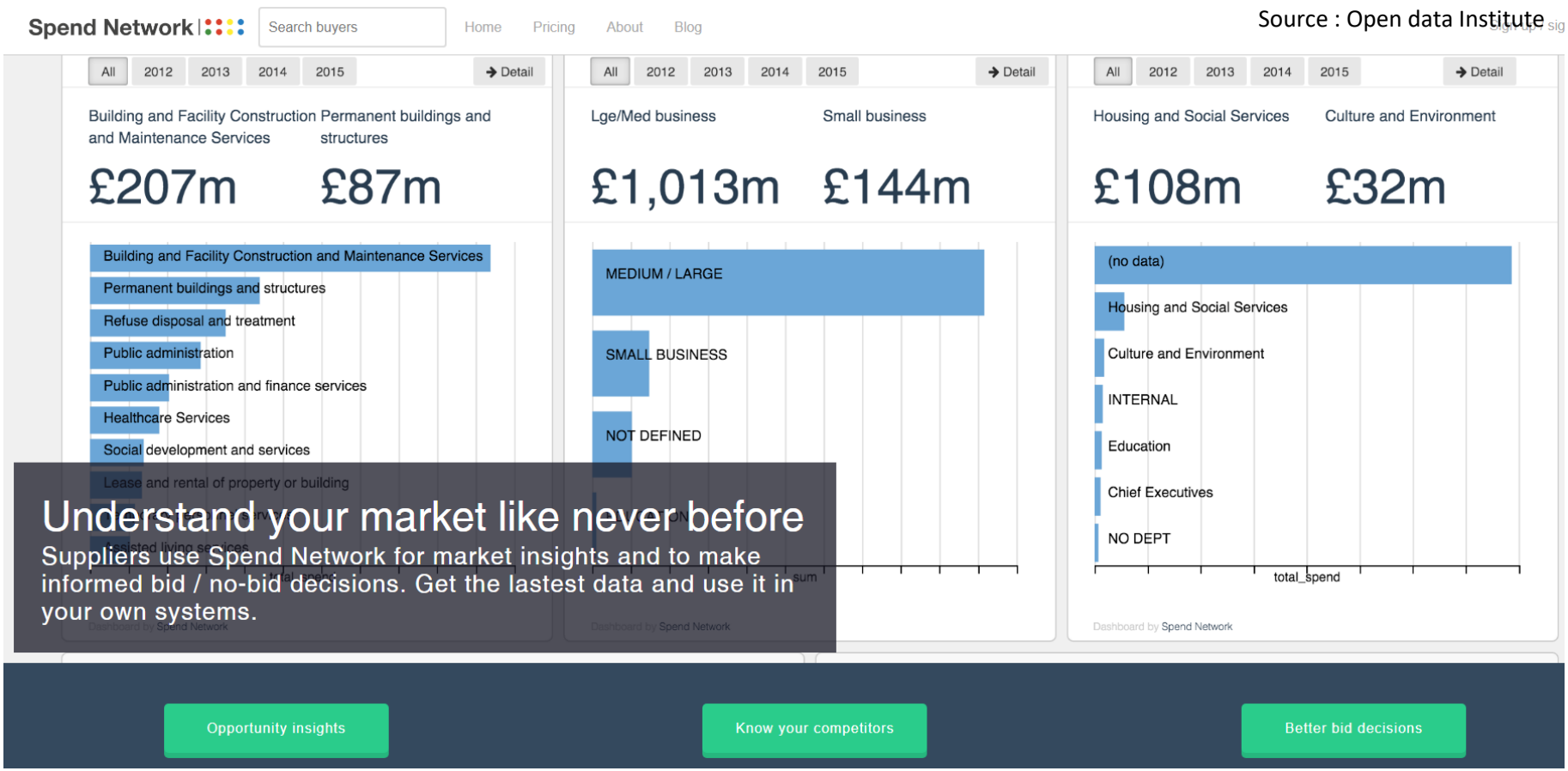
SPEND Network

Spend Network

Gather data about spendings, contracts, and public procurement data gathered by local authorities and other organizations in United Kingdom.

Company provides consulting and visualisation to service providers of public organizations and similar services to government too.

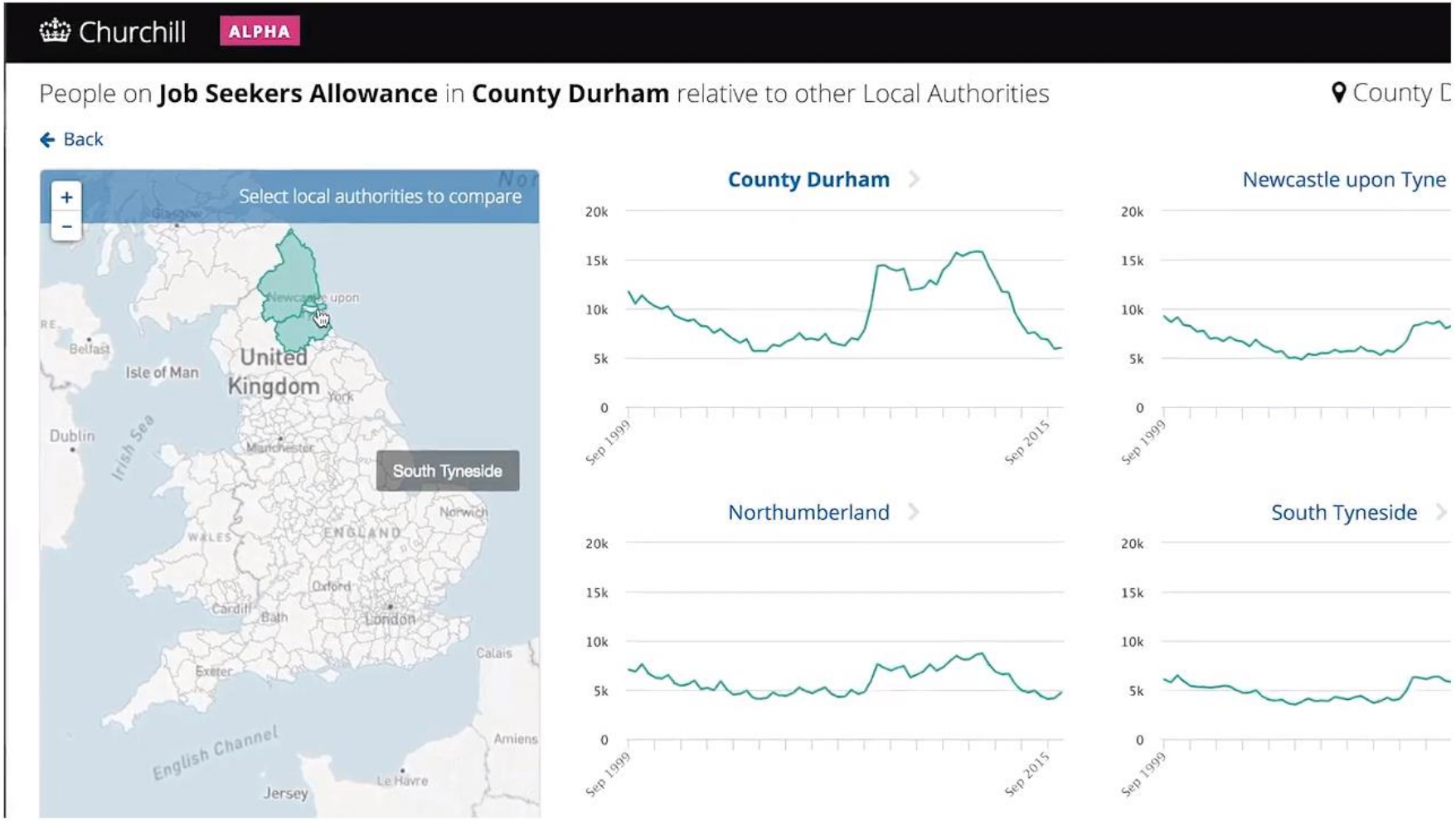
Source : Open data Institute



Chuchill : Department for Work and Pensions

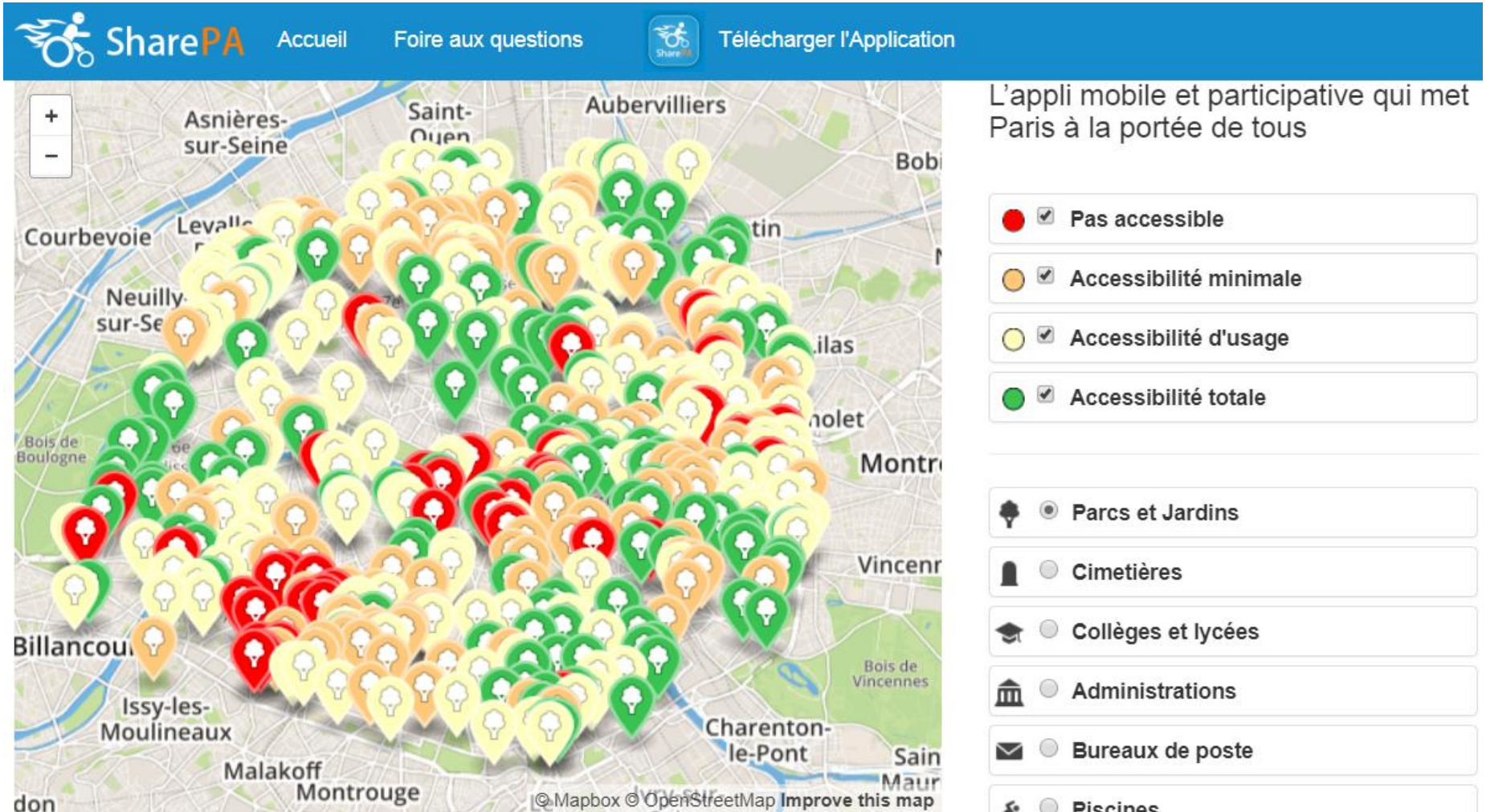
Helps policy and delivery officials in DWP to develop more evidence-driven policy and services with data visualisations pulled from open data across government.

Source : Open data Institute



Impact of open data on social inclusion

The SharePA application helps to identify the public services available to the disabled such as public gardens, museums, colleges, etc., based on information published by the public sector, and on citizen participation.

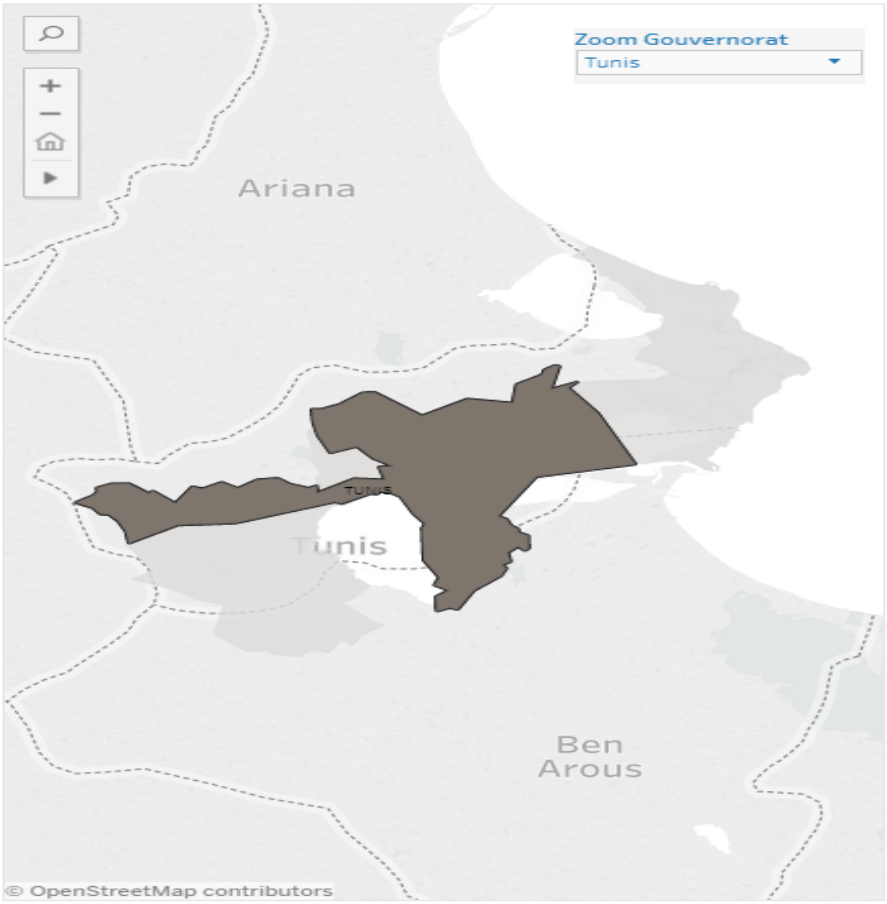


Tunisie: Élections Municipales 2018

350 Municipalités

76	188	86
Anciennes	Etendues	Nouvelles

Cliquez sur une municipalité pour les détails



Municipalité: TUNIS (تونس)

Population	637 568
Surface (Km2)	122
Densité Démographique (Habitants/ Km2)	5 220
Conseillers Municipaux	60

10 Listes Candidates

6 Listes de Partis | 2 Coalitions | 2 Listes Indépendantes

Listes de Partis	AL IRADA (حراك تونس الارادة)	●
	Courant Démocrate (التيار الدمقراطي)	●
	El Binaa Al Watani (قلب بلادنا)	●
	Ennahdha (حزب حركة النهضة)	●
	Nidaa Tounes (حركة نداء تونس)	●
	Union Populaire Républicaine (الإتحاد الشعبي الجمهوري)	●
Coalitions	Front Populaire (الجبهة الشعبية)	●
	Union Civile (الإتحاد المدني)	●
Listes Indépendantes	Madinati Tunis (مدينتي تونس)	●
	Shihab Al Madrasa (شهاب المدرسة)	●

328 132 Electeurs

164 719	163 413
50%	50%

18 à 35 ans	93 652 (29%)
36 à 40 ans	34 821 (11%)
41 à 60 ans	127 038 (39%)
plus de 60 ans	72 621 (22%)

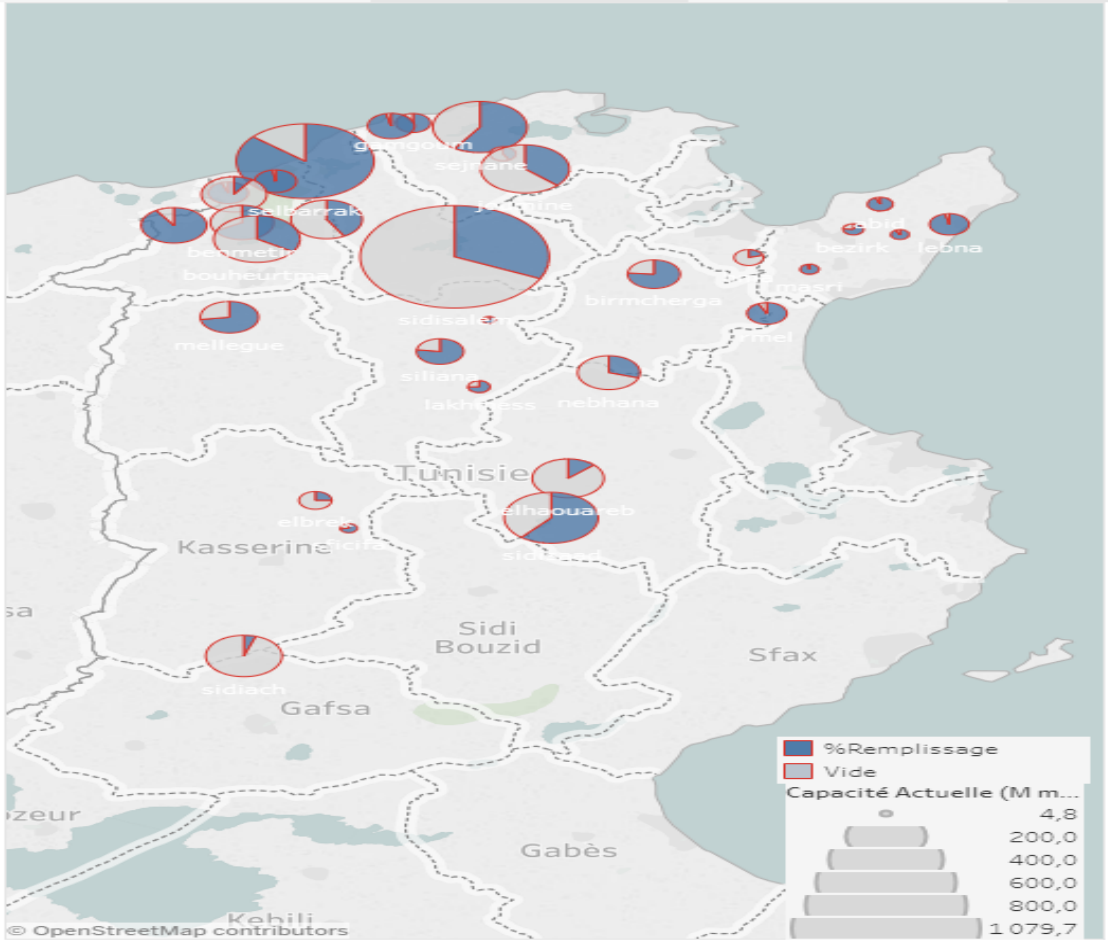
La santé à la carte

Situation des Barrages au 25/10/2018 en Tunisie

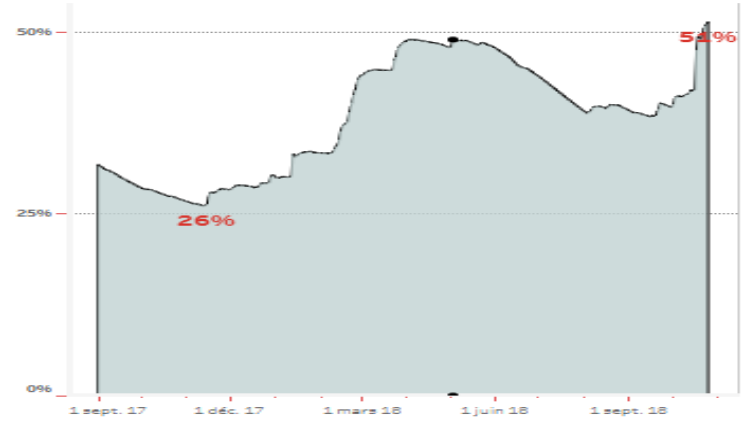
Source: Portail des données ouvertes du Ministère de l'Agriculture des Ressources Hydrauliques et de la Pèche (http://www.agridata.tn)

TARGA consult

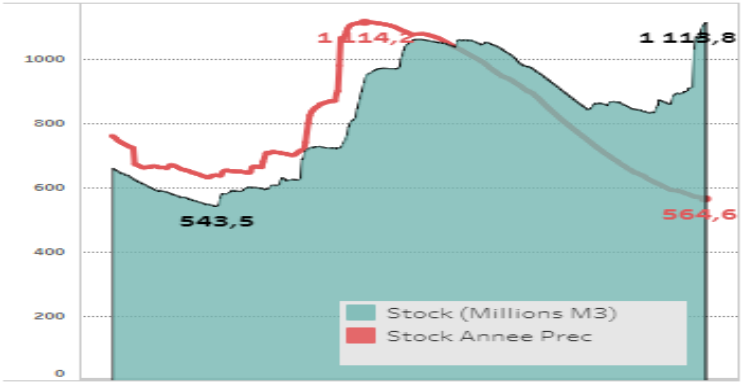
Selectionnez une date	Nombre de Barrages	Capacité Totale (Millions de M3)	Stock (Millions M3)	% Remplissage
25/10/2018	32	2 169	1 114	51%



Evolution Taux de Remplissage



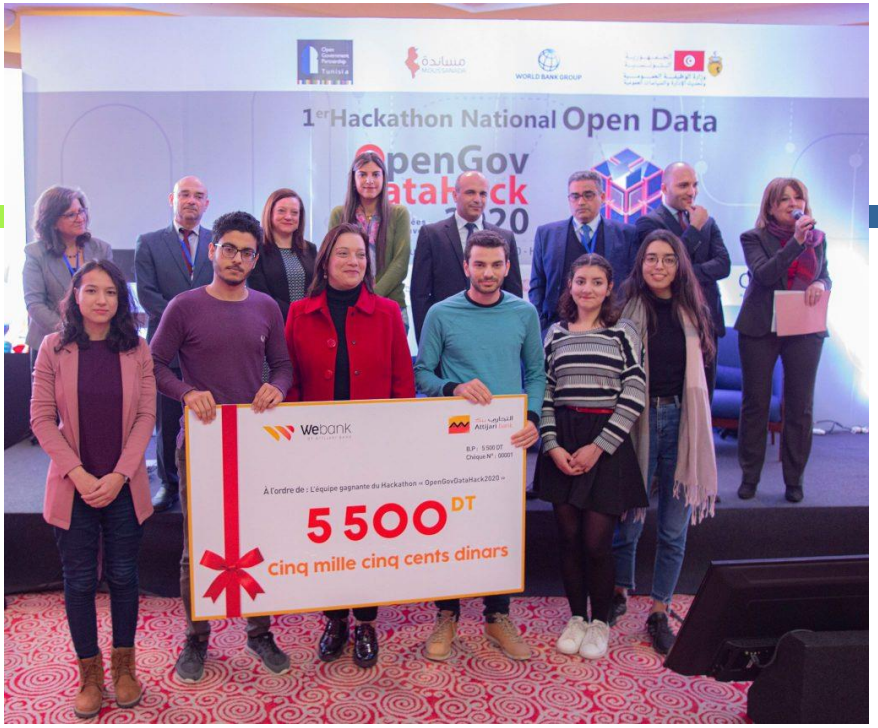
Stock vs Année Précédente (Millions M3)



Stimulate reuse of Open data : Hackathons

Open Government Partnership Tunisia
مساندة MOUSSANADA
WORLD BANK GROUP
1erHackathon National Open Data
OpenGov DataHack 2020
L'innovation par les données publiques ouvertes
Du 24 au 26 Janvier 2020 - Hammamet
Webank
TUNISAIR
ORMEVO
EVENCIA
C3M

Open Government Partnership Tunisia
مساندة MOUSSANADA
WORLD BANK GROUP
1erHackathon National Open D
OpenGov DataHack 2020
L'innovation par les données publiques ouvertes
Du 24 au 26 Janvier 2020 - Hammamet
Webank
TUNISAIR
ORMEVO


1erHackathon National Open Data
Webank
5 500 DT
cinq mille cinq cents dinars

1erHackathon National Open Data
EVENCIA

1erHackathon National Open Data
TUNISIE EDITIQUE
"OpenGovDataHack2020"
Montant #3000#

En guise de conclusion

Thank You

Economic and Social Commission for Western Asia

UNITED NATIONS

الاسكوا

ESCWA