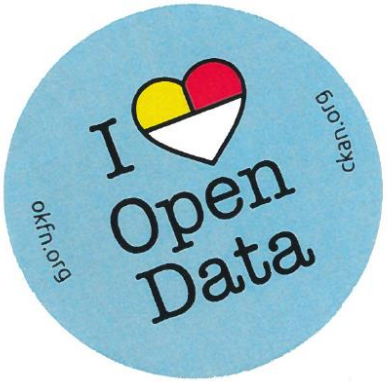
Geo Open Data – offene Geodaten einfach bereitstellen und nutzen



Marc Kleemann, con terra GmbH

e-nrw, Düsseldorf - 09.11.2015

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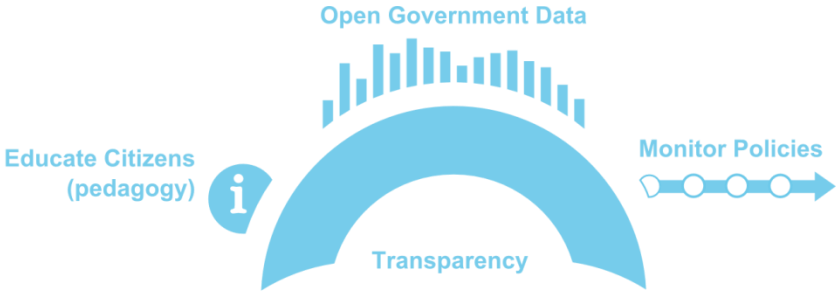
Open Data und Open Government
- für mehr Transparenz, Beteiligung und Zusammenarbeit



Open Government

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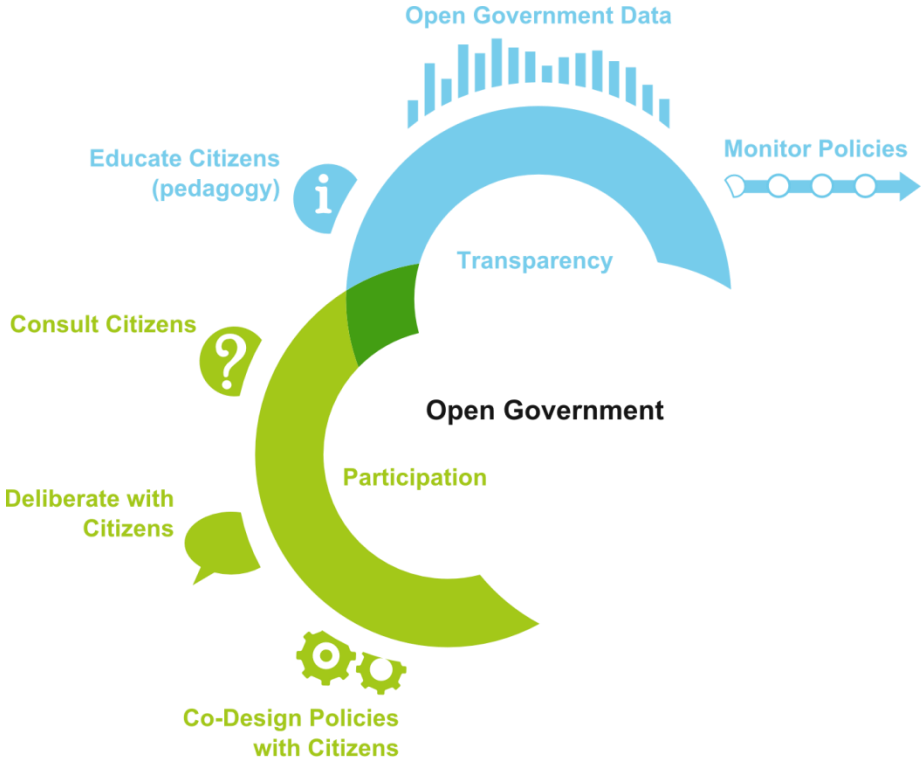

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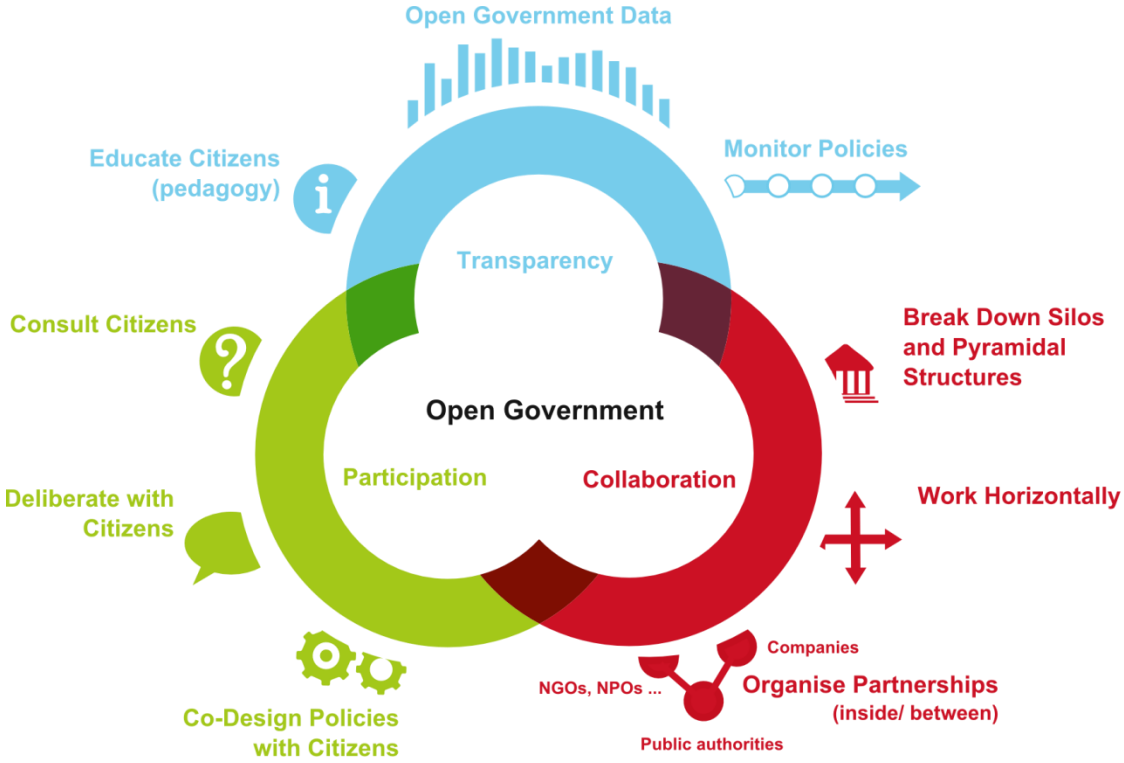

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Code for Germany

… Entwickler
… verbessern
… ihre Stadt!

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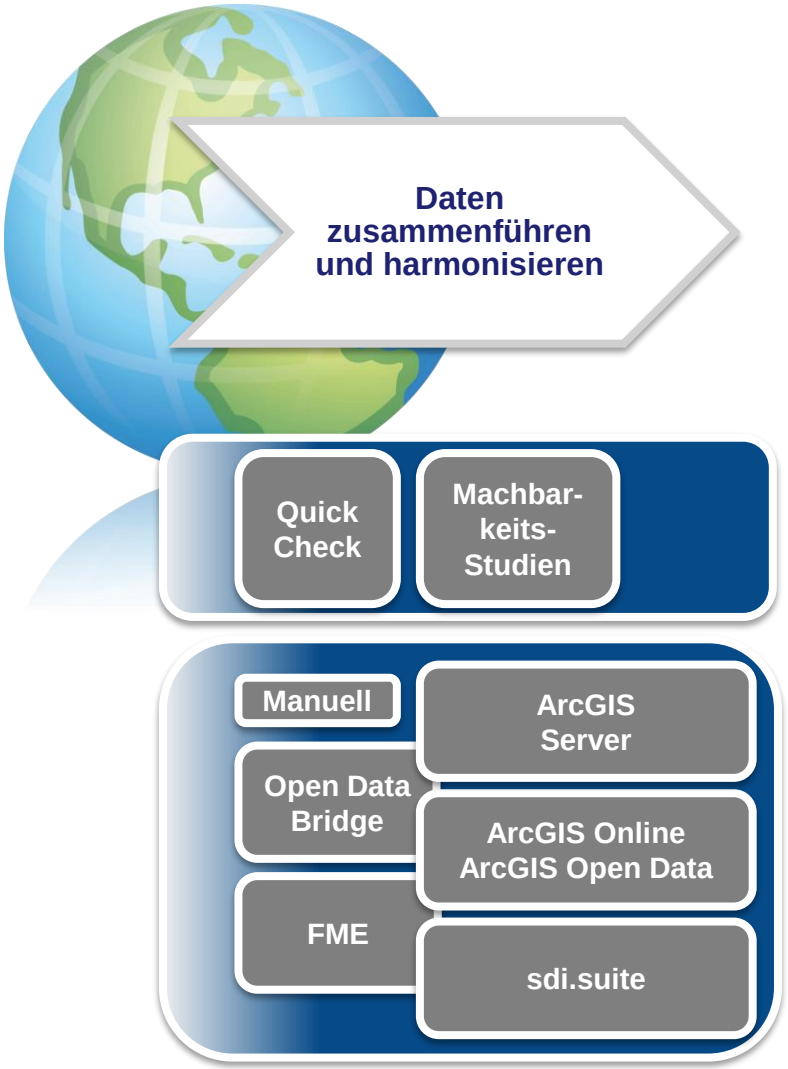
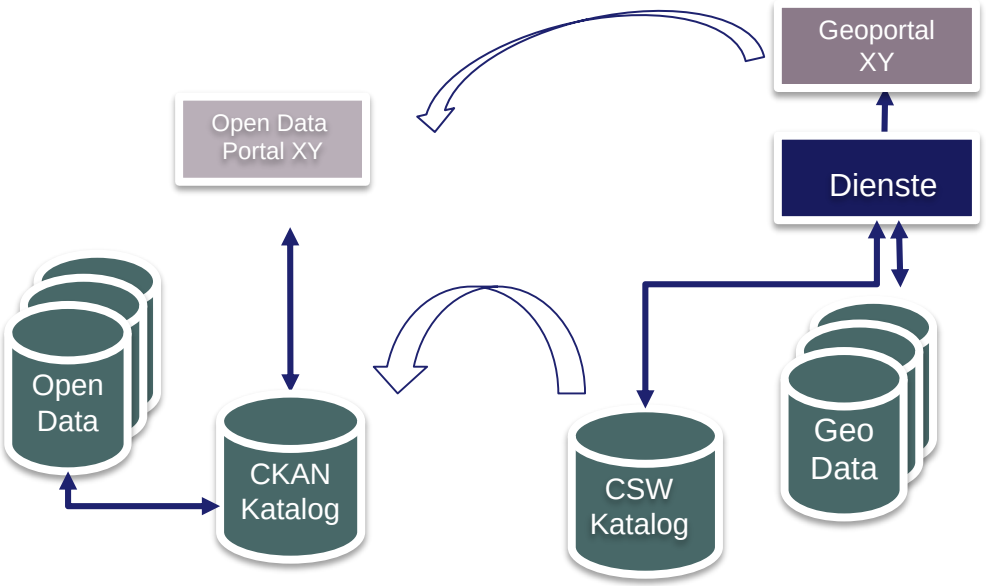
Unterstützung Open Government durch GDI





- **Konzeption**
  - > Eurostat: Machbarkeitsstudie Open Data
  - > Open.NRW Grundlagenkonzept Geo Open Data
- **Realisierung**
  - > Europäische Kommission: EU Open Data Portal
  - > Anpassungen GEOportal.NRW
  - > Prototyp GOVDATA Mirror

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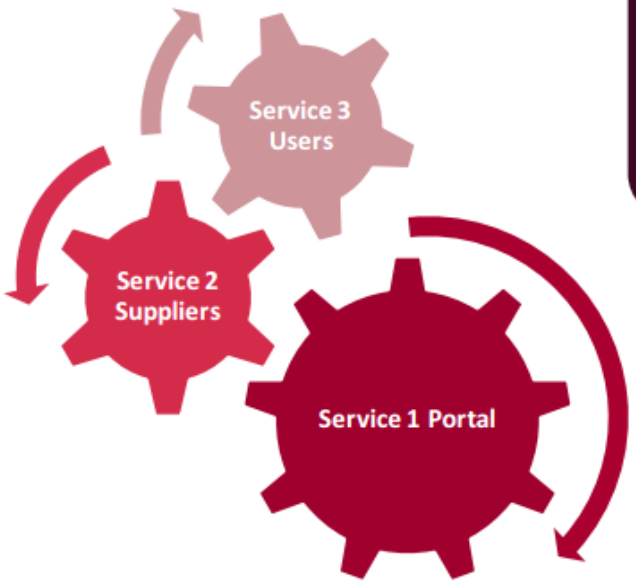
Open Government Data
– (Pan) European (Open) Data Portal

EUROPEAN DATA PORTAL



- The Project is structured into three work streams
- Service 1: Developing, launching, operating and maintaining a pan-European web-based data portal infrastructure
- Service 2: Fostering uptake on data supply
- Service 3: Fostering uptake on reuse of public data resources

- A substantial part of the Open Data Value Chain is the Portal
- The Portal alone is an empty house and requires metadata to be supplied by the holders of public data resources
- A community needs to be engaged to make use of the Portal and the data, as this will drive economic benefits and innovation

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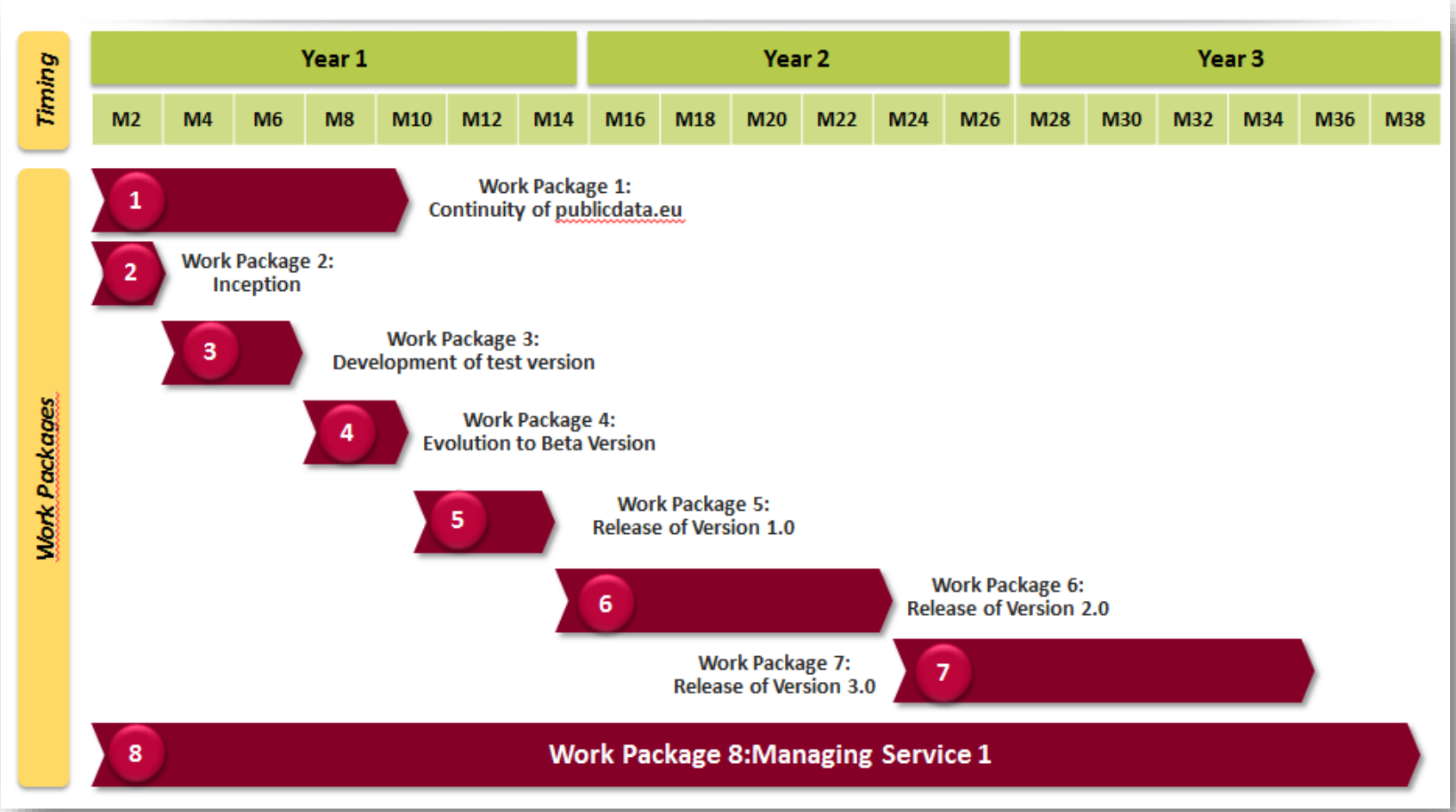
– (Pan) European (Open) Data Portal



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EUROPEAN DATA PORTAL

- **Metadata Mapping von ISO 19139 auf DCAT-AP mit Adapter für CSW Kataloge**
- **Gazetteer Back-End (Geographical Names) mit smart.finder / Apache Solr + FME**
- **Preview von Geodaten (WMS + GeoJSON) im Portal mit map.apps**
- **Stand**
  - > 31 nationale Geo Kataloge angebunden
  - > Mehr als 200.000 Datensätze u.a. aus GovData
  - > Mehrsprachige Metadaten

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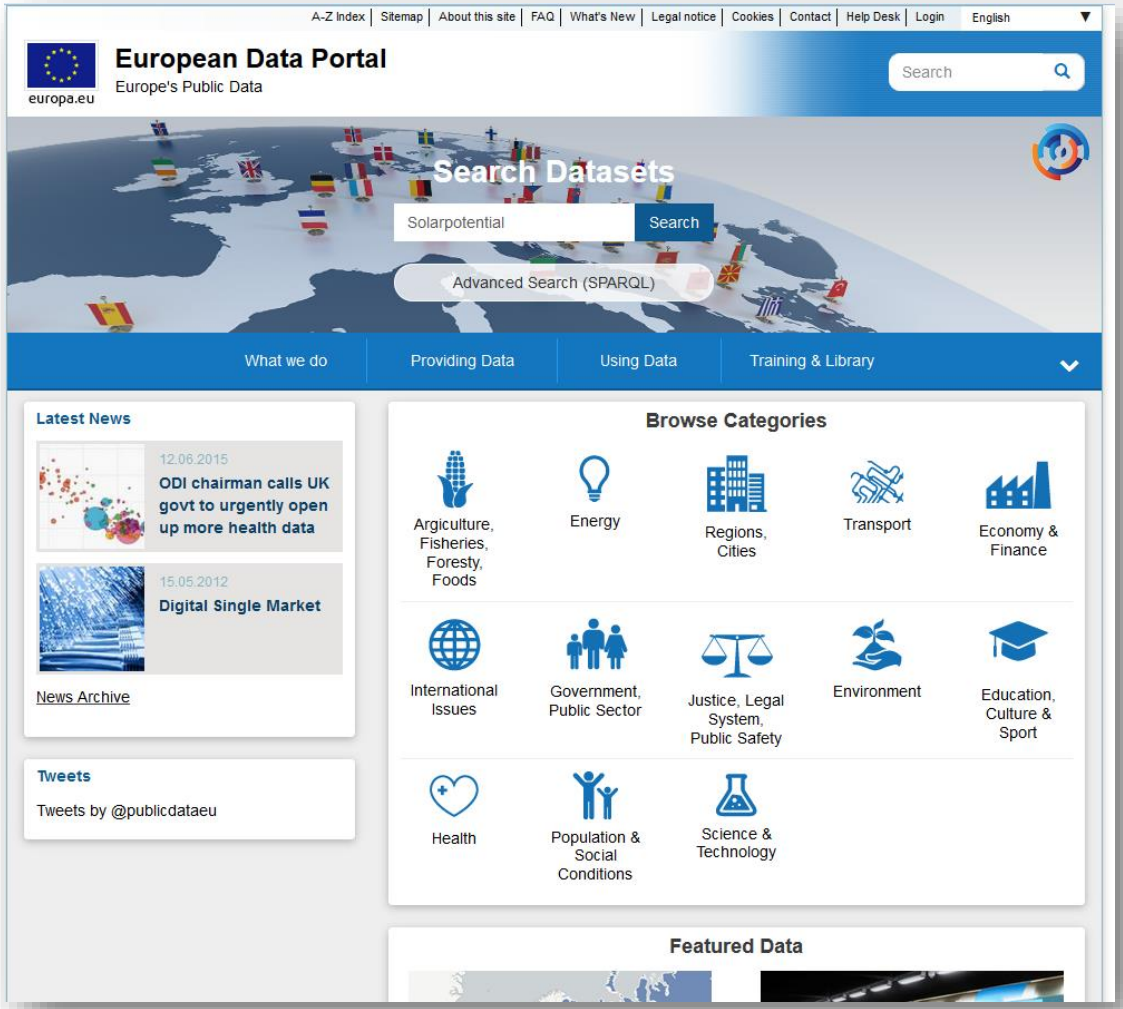
Open Government Data
– (Pan) European (Open) Data Portal



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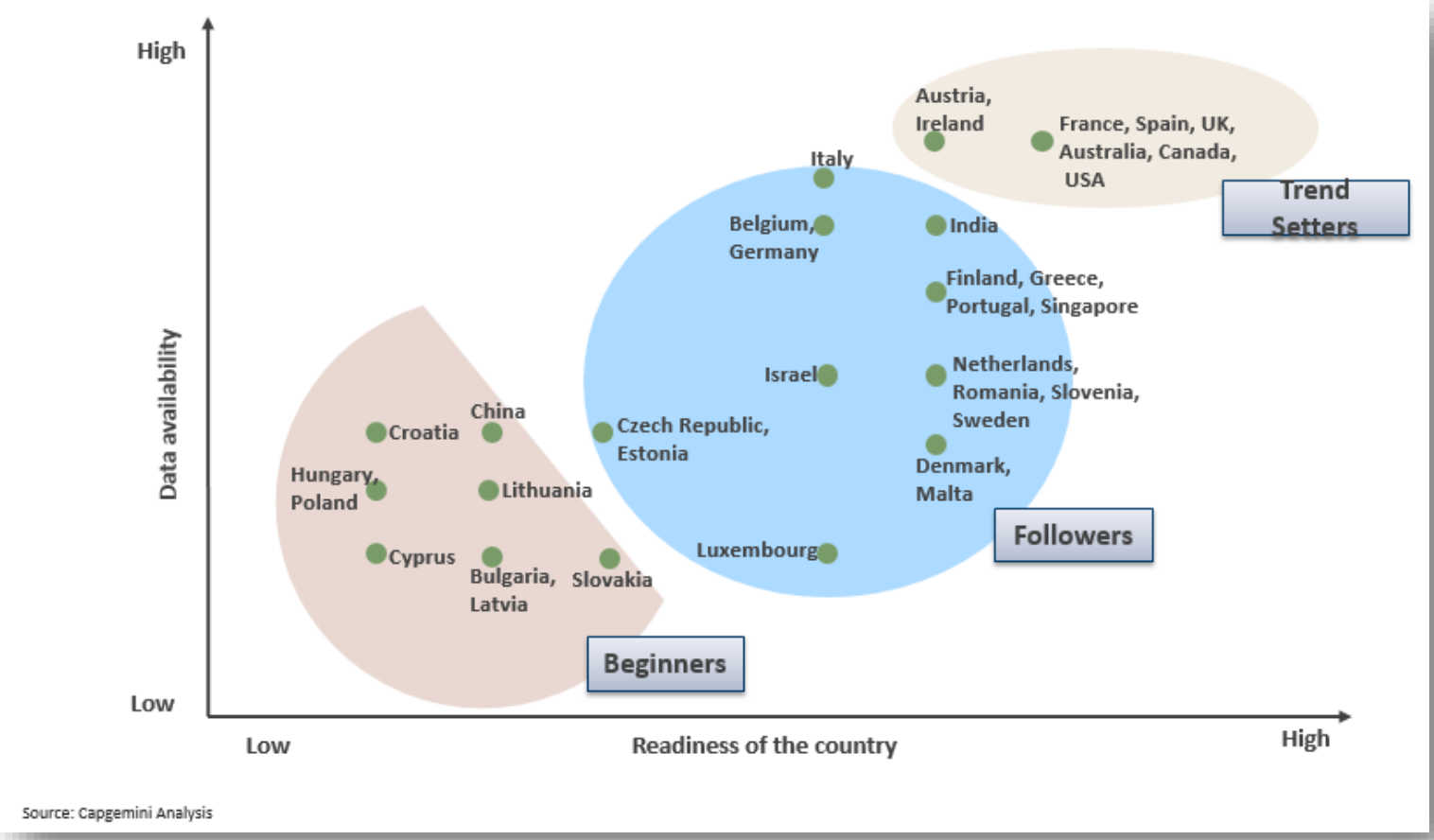
Open Government Data
– (Pan) European (Open) Data Portal



Source: Capgemini Analysis

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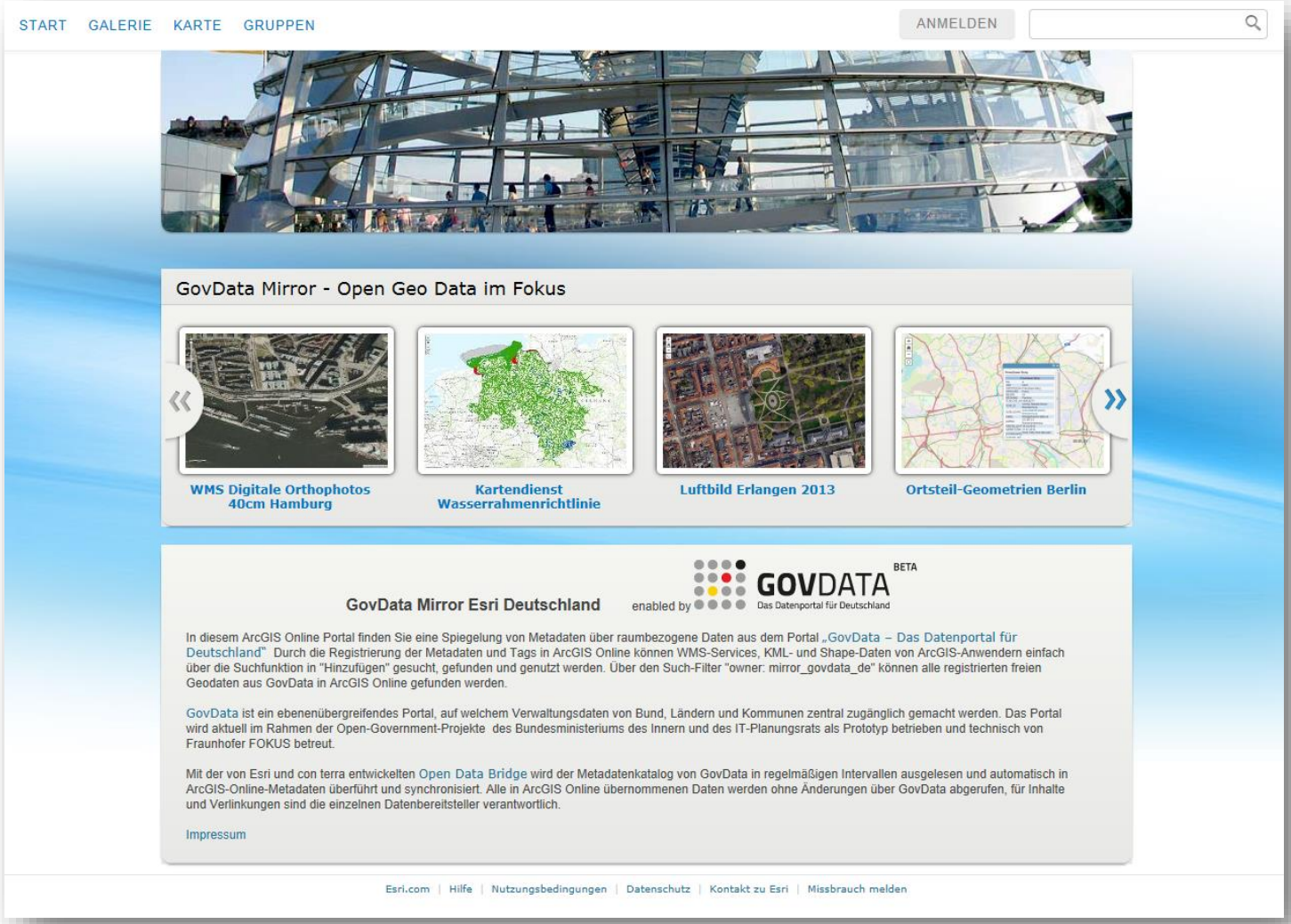
Open Government Data – mit Open Data Bridge
GovData Mirror Esri Deutschland



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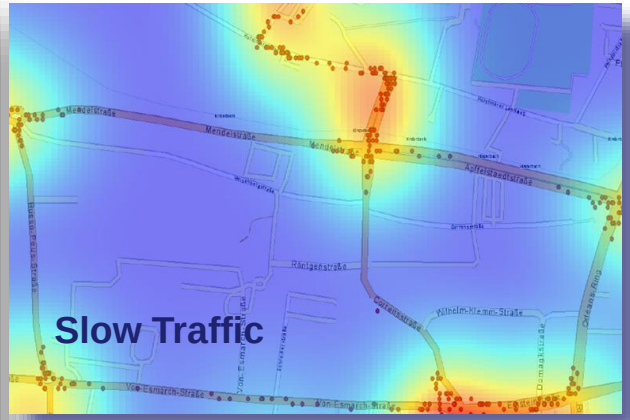
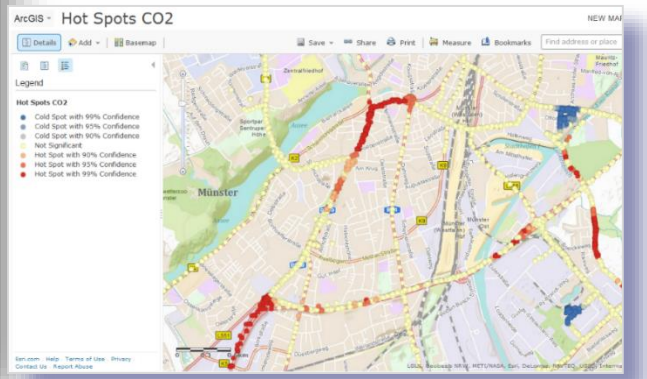
Organize Partnerships for Citizen Science – mit enviroCar gemeinsam für den Umweltschutz





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Organize Partnerships – mit OSIRIS gemeinsam für den Naturschutz in NRW

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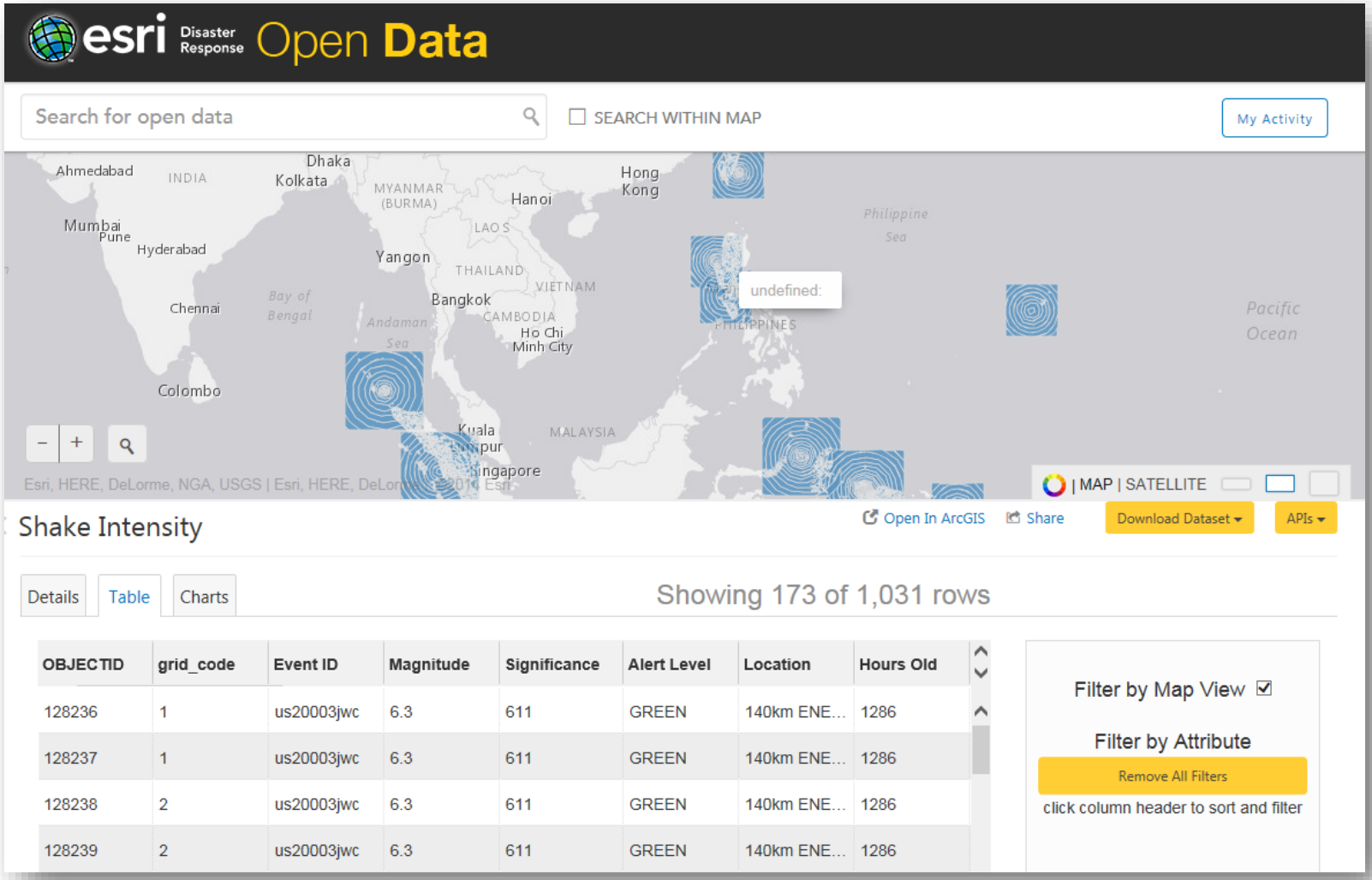
Organize Partnerships – mit EDRP und ArcGIS Open Data gemeinsam in Katastrophen helfen



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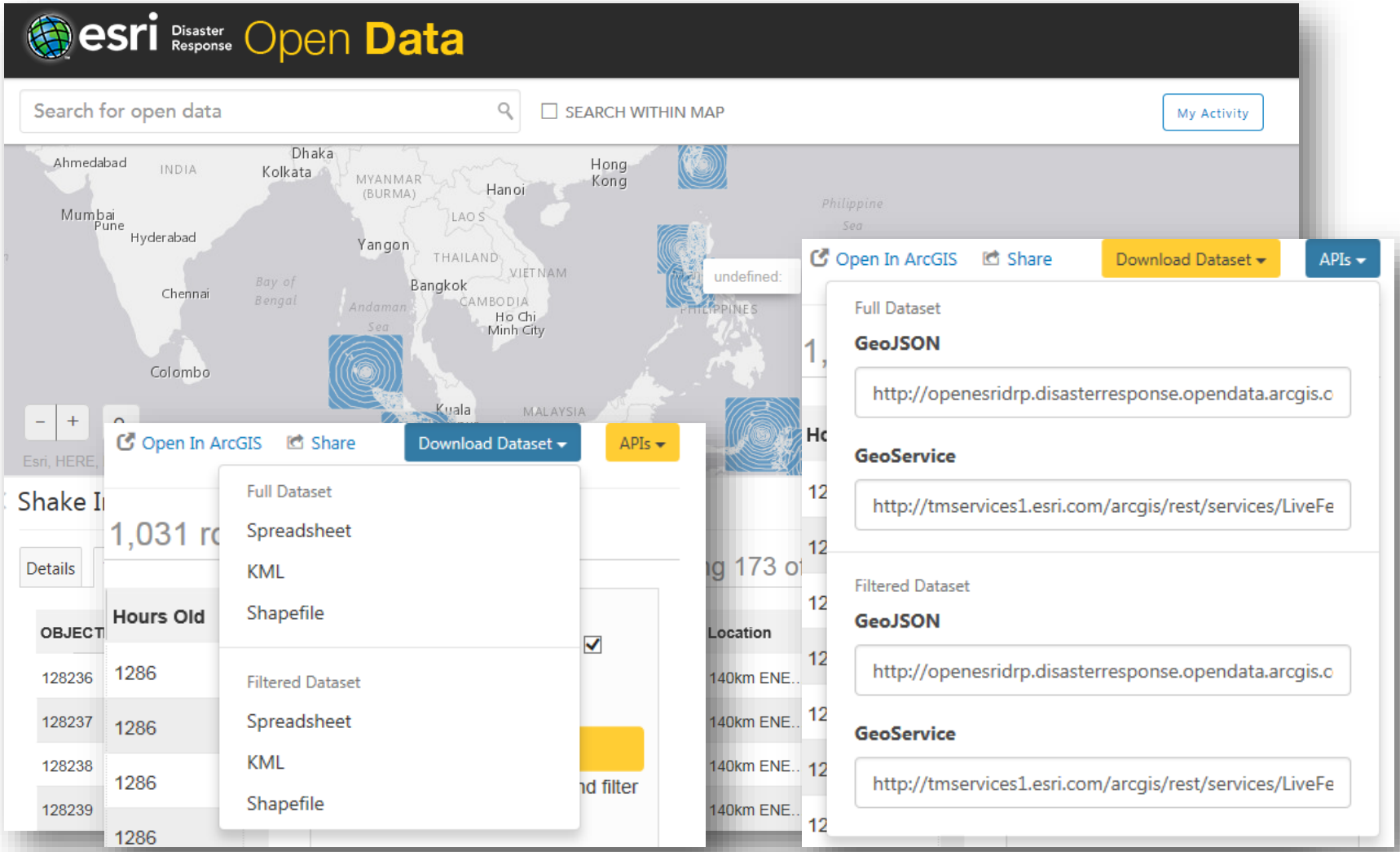
Organize Partnerships – mit EDRP und ArcGIS Open Data gemeinsam in Katastrophen helfen



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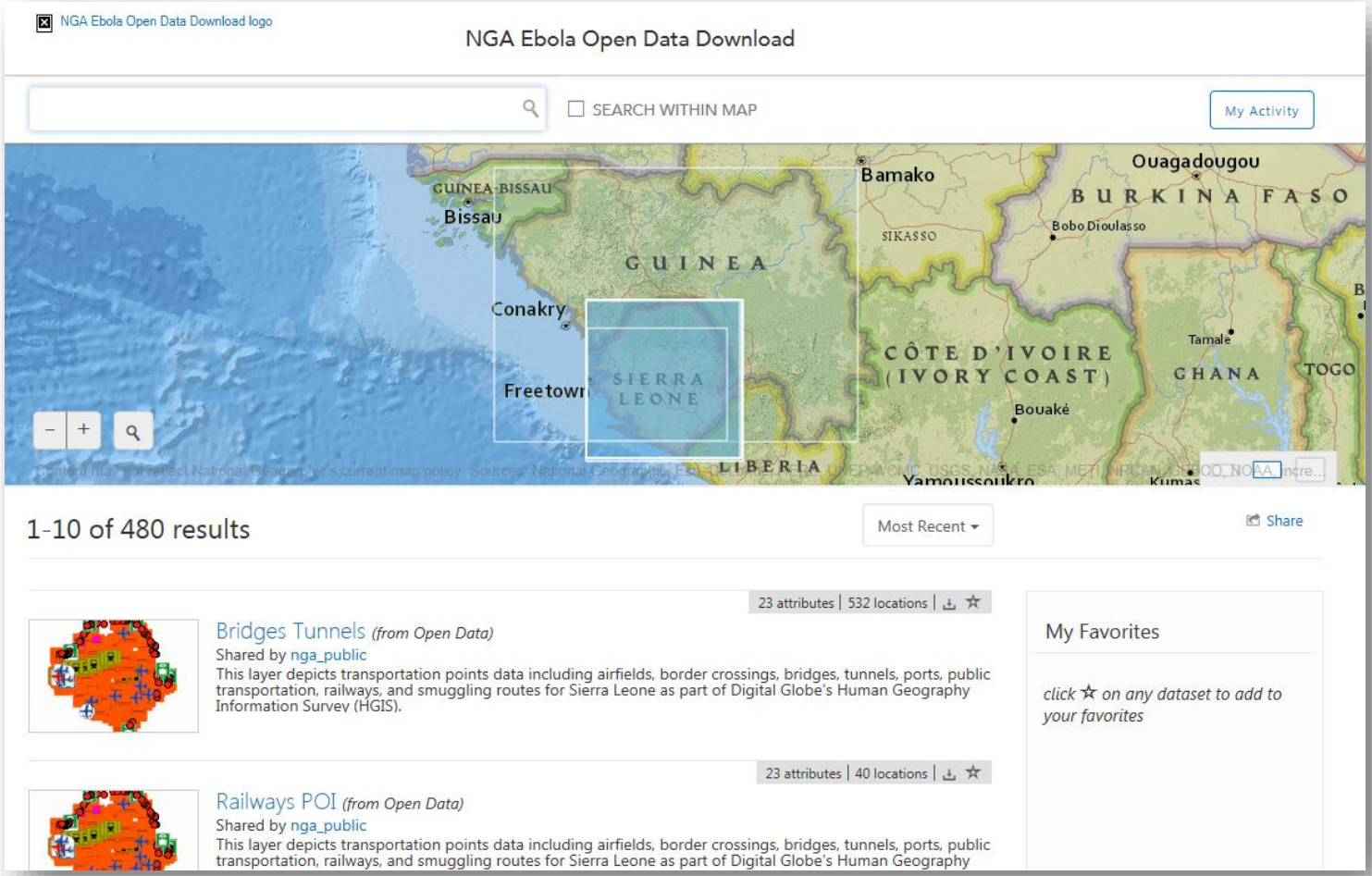
Organize Partnerships – mit EDRP und ArcGIS Open Data gemeinsam gegen Ebola



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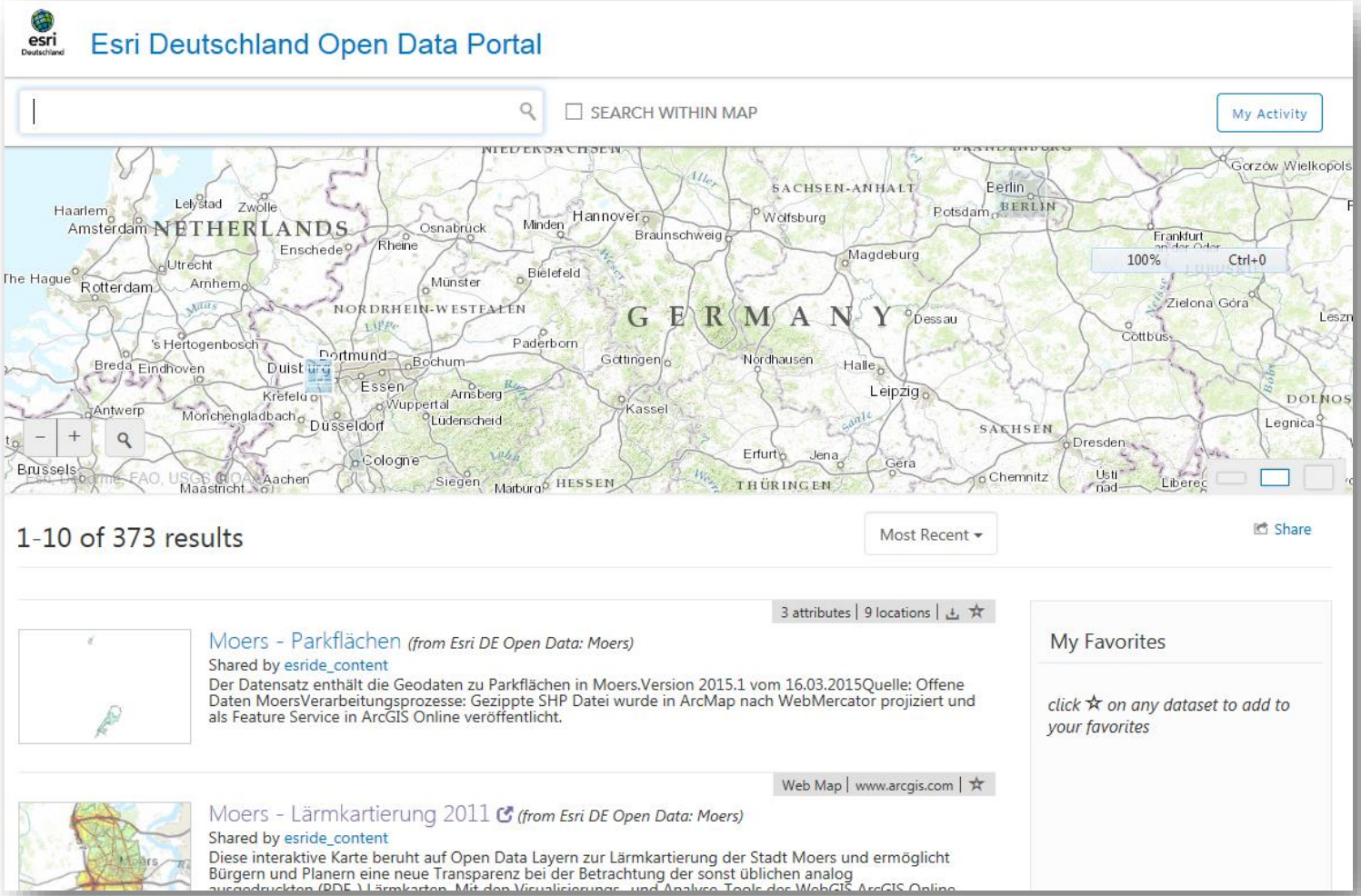
Organize Partnerships – mit ArcGIS Open Data
Geodaten einfach finden, teilen, nutzen



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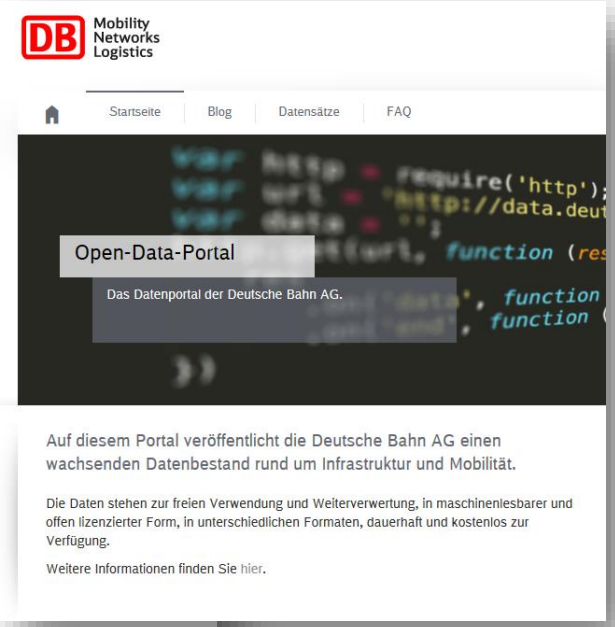
Open Data ist da! Geodaten einbringen und nutzen!

- **Open Data – anhaltender Trend, kein Hype**
- **Open Data – DER Treibstoff f. mehr Transparenz, Beteiligung, Zusammenarbeit**
- **Metadaten sind wichtiger denn je**
- **Geo Open Data sind**
  - > Interessant und gefragt
  - > In Geodateninfrastrukturen
  - > Auf der Suche nach neuen Nutzern

Daten und Werkzeuge sind da,
Ideen kommen von außen!



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Time To Get Open Data Ready!

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Gesellschaft für Angewandte Informationstechnologie

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DDGI Positionspapier
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www.opendata.ddgi.de

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