

OpenBudgets.eu is an EU-funded project, aiming to support journalists, civil society organisations, NGOs, citizens and public administrations, by providing an overview of public budget and spending data as well as related tools and stories, thus serving advocacy and fiscal transparency objectives.

Openness and transparency can act as a disincentive to corruption. The current lack of open budget and open transaction data makes it very hard for citizens and other stakeholders to get an overview on public spending. The comparison of budgets between administrative regions and other government levels proves even more difficult.

The OpenBudgets.eu platform is designed for public administrations, citizens, NGOs, media organisations, public service companies, and stakeholders working with fiscal data. The key challenge is to provide a scalable platform that is easy-to-use, flexible, and attractive for all these different types of users.

Tool: Alignment

The power of Linked Data comes from the word Linked! Resources are linked to each other, with semantically defined relationships building large Knowledge Graphs. However, the links produced by an automated procedure are not always valid or impossible to retrieve algorithmically. This kind of work demands the experience and knowledge of domain experts, working collaboratively, to produce high quality and valid linksets.

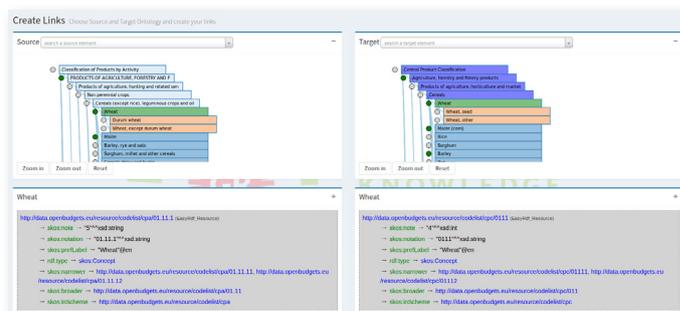
This was a case we experienced when trying to match heterogeneous codelists, found in fiscal datasets. To this end, we developed **Alignment**, an application for online, collaborative, system aided manual entity linking. The tool can be used to manually create linksets between two knowledge graphs or to validate linksets. The web application offers a number of utilities to aid the procedure such as graph visualization as expandable/foldable tree, search bar, entity description and finally suggestions, based on matching algorithms integrating the power of Silk Link Framework.

The user can select a semantic meaning of the link by selecting from a number of predefined link types (e.g skos:related, skos:broadMatch, owl:sameAs etc) or provide a custom one. The application can be used also to crowd-source link validation using a voting system. You can upload links produced by an automated procedure or the application itself and create polls to check eligibility.

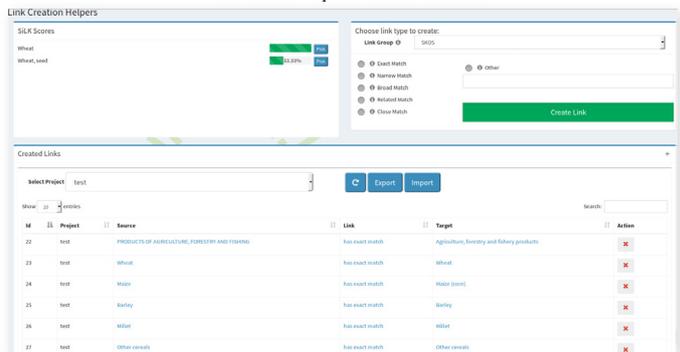
Follow the development of Alignment on our [repo](#) or try it, using our [public server](#).

This tool has been developed by [Open Knowledge Greece](#) on behalf of the Horizon 2020 funded research project **OpenBudgets.eu**. Contact: Sotirios Karampatakis, karampatakis@okfn.gr

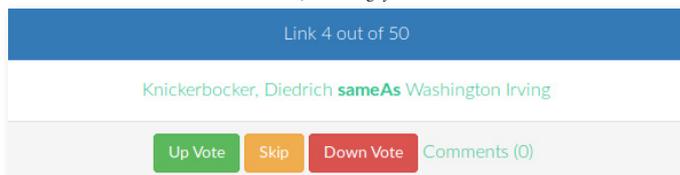
Link Creation (Source - Target)



Link Creation Helpers & Created Links View



Quick Voting of Links



Fraunhofer IAIS
<http://iais.fraunhofer.de/>
(Germany)



Open Knowledge International
<https://okfn.org/>
(United Kingdom)



Fundación Ciudadana Civio
<http://www.civio.es/>
(Spain)



Transparency International EU Office
<http://transparencyinternational.eu/>
(Belgium)



Open Knowledge Foundation Deutschland
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