

Beneficial Ownership Data Standard risk detection

Combining high-quality beneficial ownership (BO) data in a linked data format with other datasets to help detect potential risks during customer due diligence, know your customer checks, and sanctions screening processes.

Aims of project

- Explore and develop use cases to demonstrate value of linked BO data for risk and compliance:
 - finding sanctioned people or entities linked to tenders ([video](#));
 - identifying beneficial owners controlling a large number of companies with public contracts ([video](#));
 - spotting corporate holdings/networks with large numbers of public contracts; ([video](#))
 - considering whether the relatives of a sanctioned ultimate beneficial owner are also sanctioned, and whether OO can flag those indirect risks for companies further down the ownership chain; ([video](#))
 - ensuring the same registered address with a risk entity ([video](#)) – has an exact match between OpenSanctions and Open Ownership (OO) addresses.
- Demonstrate the value of the [Beneficial Ownership Data Standard \(BODS\) RDF vocabulary](#) and turn BODS JSON data into a graph database format like RDF.

Technical details

OO's BODS data is converted into this linked data format. This way, the BODS data can be combined with public procurement data published in line with the [Open Contracting Data Standard](#) as well as with sanctions data published by [OpenSanctions](#) using the [FollowTheMoney data model](#) and the [Offshore Leaks database](#) from the [International Consortium of Investigative Journalists](#).

The resulting data can then be queried using RDF/SPARQL (a query language used to express queries across diverse data sources) to leverage its graph nature for a series of risk and compliance use cases. Both individuals and companies can be treated as targets.

Delivered in partnership with

A contractor who also designed the [BODS RDF vocabulary](#).

Want to test the tool?

Open Ownership is currently setting up a hosted version of the tool, which will be shared here when available.

Follow these links for full details

- Open Ownership blog post by Stephen Abbott Pugh and Cosmin Marginean, “**Spotting risks by combining beneficial ownership, public procurement and sanctions data**”, published 21 September 2023.
<https://www.openownership.org/en/blog/spotting-risks-by-combining-beneficial-ownership-public-procurement-and-sanctions-data/>
- **GitHub**
<https://github.com/openownership/bodsriskdetection>
- Blog post by Cosmin Marginean, “**Entity identifiers in UK Public Procurement data**”, published 30 September 2023.
<https://world.hey.com/cos/entity-identifiers-in-uk-public-procurement-data-5f3f3815>