

**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.**

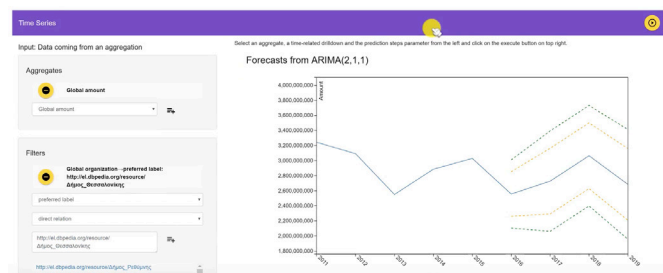
Openness and transparency can act as a disincentive to corruption. The current lack of open budget and open transaction data makes it very hard for citizens and other stakeholders to get an overview on public spending. The comparison of budgets between administrative regions and other government levels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

When budgets are discussed, the focus is often on adaptations and changes to in the budget, in many cases as reflections of indications of changes in political priorities. Time-series analysis bring such changes in budget and spending data to light.

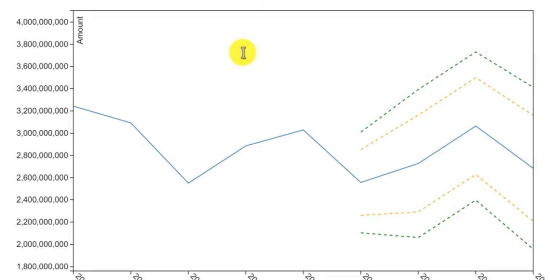
Open Knowledge Greece, a chapter of the Open Knowledge Network based in Thessaloniki and partner in OpenBudets.eu has now developed an algorithm that does exactly that: time series analysis of budget data.



Screenshot of Indigo

Indigo can apply different data processing functions to fiscal data sets to gain deeper insights.

Forecasts from ARIMA(2,1,1)



Screenshot of Indigo

Indigo is designed to work with OpenSpending out of the box, so that you can use it to analyze datasets in the public Open Spending repository or your own datasets, uploaded through the Open Spending packager. More algorithms will be developed and included into Indigo along with the ability to create and reuse custom fiscal indicators by combining aggregated data from various sources.

Indigo is a tool that has been developed by **Open Knowledge Greece** on behalf of the Horizon 2020 funded research project **OpenBudgets.eu**.  
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An algorithm is a self-contained step-by-step set of operations that helps to process and analyse data. The time series algorithm is only the first to be developed as part the application Indigo. Users of



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