

# Engineering a Better World



# Our mission

We imagine a better future and leverage the latest technologies to build it.

Our software empowers businesses, cities, and other organisations to get data-driven insights.

We are experts in cutting-edge technologies such as Data Engineering, AI and Embedded Systems.





# Harnessing the **power of data**

is vital to building resilient cities,  
developing innovative products, services and infrastructure,  
and improving our quality of life.

# Data silos

Data is often siloed, as it's collected and managed by different departments, agencies, and organizations, each with their own systems and processes for storing and sharing it.

The lack of interoperability and standardization also contributes to isolated, siloed data.





# Breaking silos with **Information as a Service**

Our end-to-end lifecycle approach helps remove silos, enables actionable insights and streamlines service delivery.





# IaaS enables

- Growth and Innovation
- Efficiency and Collaboration
- Transparency and Accountability
- Data driven decision making
- An agile culture





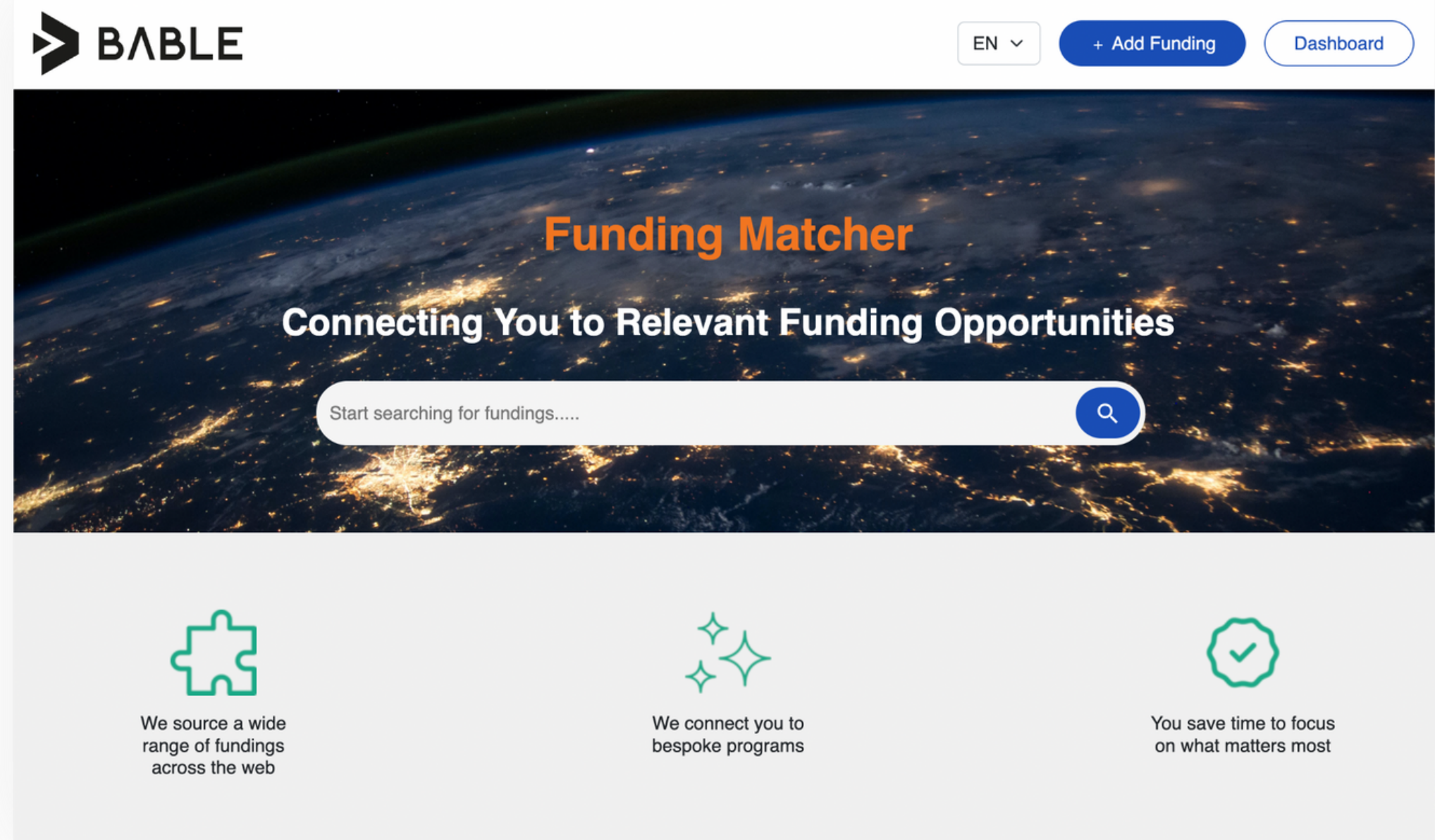
# Our projects at a glance

# Funding Matcher




Looking for the right funding opportunities can be a time-consuming and challenging task.

We've built the Funding Matcher to streamline this process, helping organisations connect with personalised, relevant programs.

The platform brings together fundings from all across the web and uses AI to extract key insights.



The screenshot shows the BABLE website interface. At the top left is the BABLE logo. To the right are navigation elements: a language dropdown set to 'EN', a blue button labeled '+ Add Funding', and a 'Dashboard' link. The main header features a background image of Earth from space. Overlaid on this is the text 'Funding Matcher' in orange, followed by 'Connecting You to Relevant Funding Opportunities' in white. Below this is a search bar with the placeholder text 'Start searching for fundings.....' and a magnifying glass icon. The lower section of the page contains three columns, each with a green icon and a short text description:

-  We source a wide range of fundings across the web
-  We connect you to bespoke programs
-  You save time to focus on what matters most



# Smart City Ready Certification

Smart projects suffer from a patchwork of non-compatible products and components that are difficult to integrate in an urban data ecosystem.

The OUPEN-SmartCity Certification is the first certification of its kind to solve this challenge by objectively assessing smart city products and solutions. The assessments are based on conformance to open standards, ensuring solutions that are replicable and interoperable.





# Electric Load Forecasting

One significant challenge in the energy industry is accurately predicting electricity demand. Traditional forecasting methods often fall short, leading to increased costs and potential disruptions.

This smart solution empowers organizations to optimise resource allocation, enhance operational efficiency, and make informed decisions. A robust AI forecasting model enables accurate predictions of electricity demand, allowing consumers to take control of their energy usage.





**More on our projects**

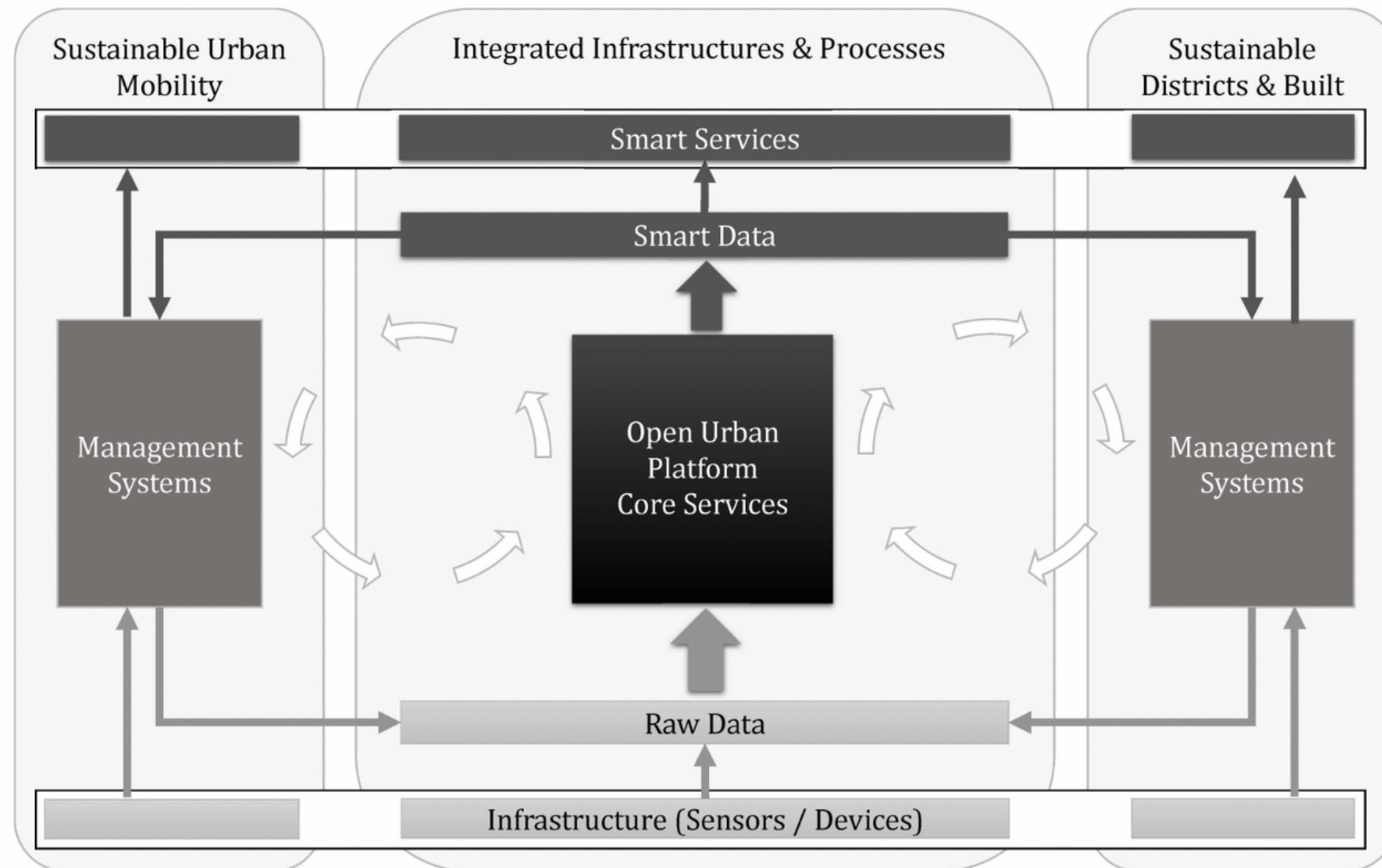


# Smart City Ready Certification & DIN SPEC 91357

Providing a foundation for the certification, The **Open Urban Platform** reference architecture offers a standardised framework to which technical components from different manufacturers conform.

This enables efficient exchange of urban data across different infrastructures.

Open protocols form the basis for quality measures leading toward certification.





# OUPEN-SMART CITY certification benefits

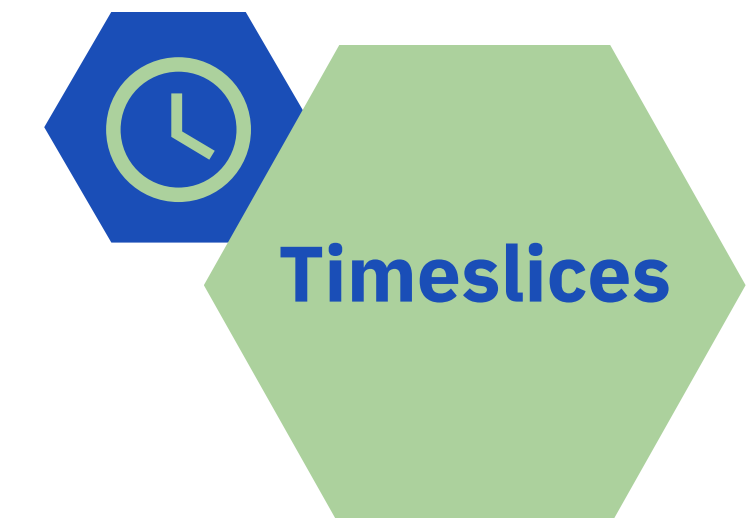
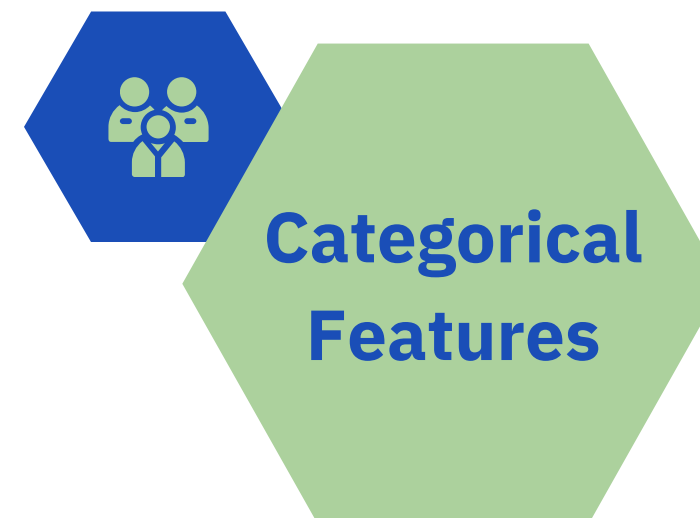
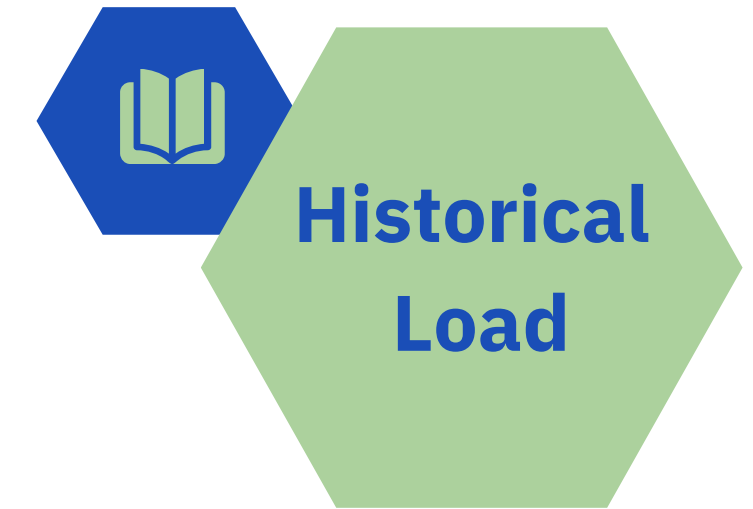
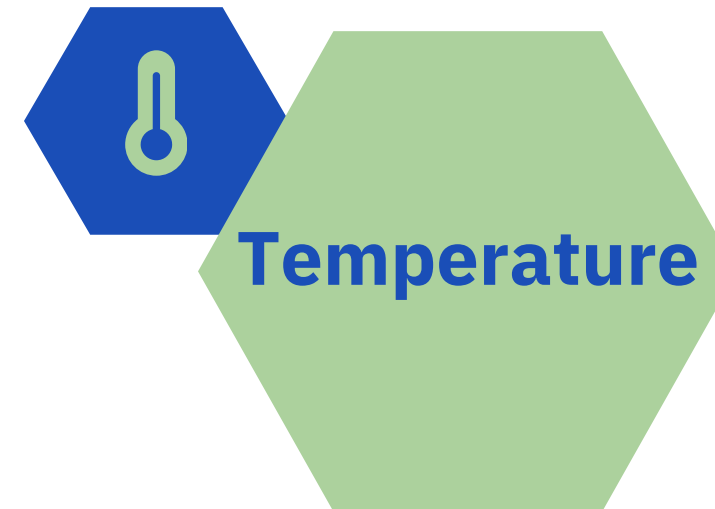
- Objectively assess smart city products and solutions and get valuable feedback
- Prove your products can handle the demands of an urban data ecosystem
- Comply with interoperability requirements and unlock the power of a “plug and play” ecosystem
- Certify products against the 30 most relevant smart city standards and protocols, such as DCAT-AP, MQTT, CoAP, NGSI-LD
- Bring scalability and flexibility to your solutions





# Electric Load Forecasting - Key Features

- Historical load: previous week load, weekly average load, previous day load
- Temperature: time of the day, season and other timeslices
- Seasonality: variability depending on season









## Electric Load Forecasting - Summary

**2.53%**  
**Average**  
**error**

**88%**  
of predictions  
accuracy above  
**95%**

**€2M**  
**Cost Savings**  
**for a DSO**



# Join our mission

Our solid expertise with data science and embedded systems uniquely positions us to tackle some of the most pressing global problems.

If you share our belief that tech innovation can make the world better, let's transform your organisation today and engineer a better world for tomorrow.







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