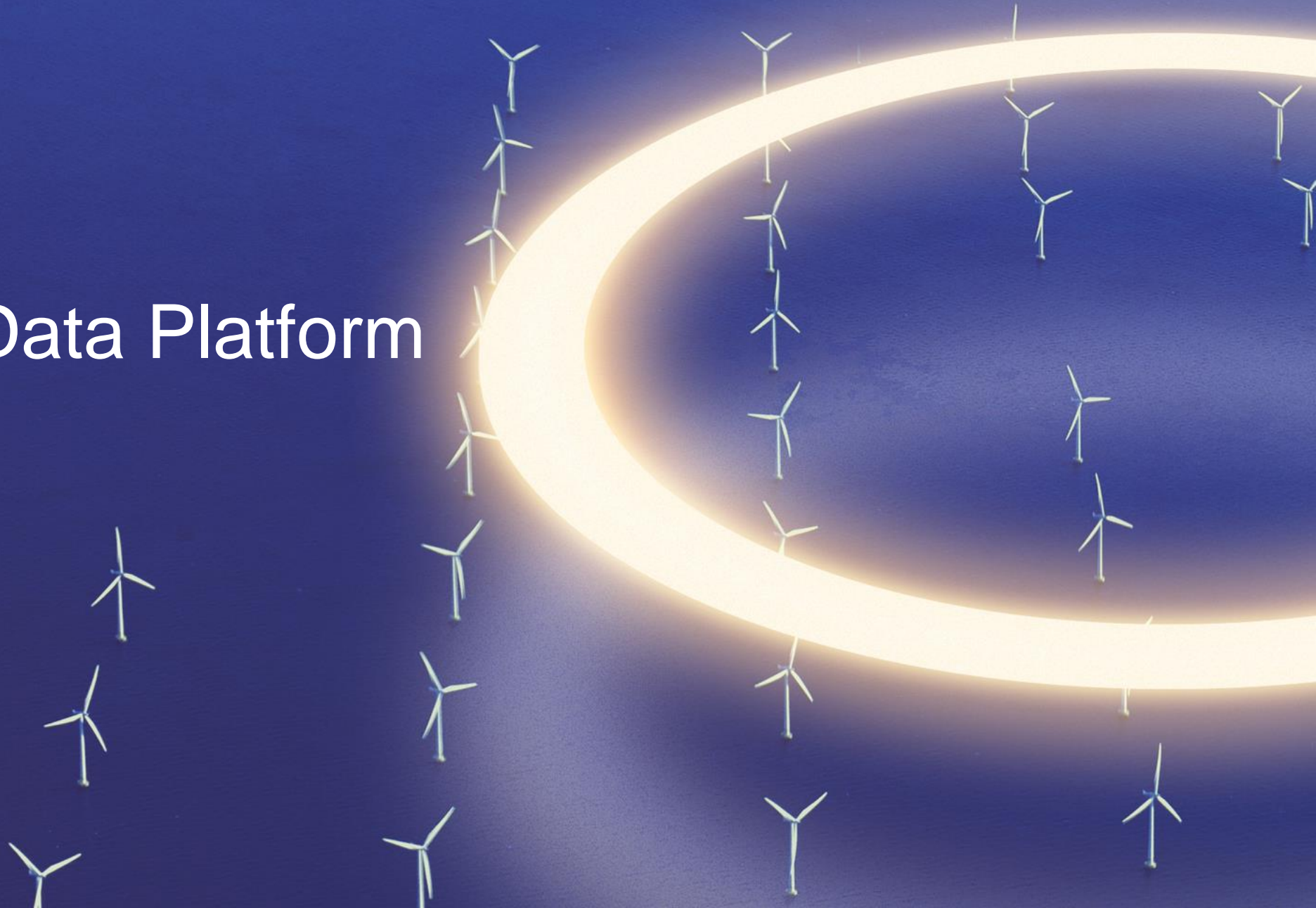




# New Open Data Platform



# Open data

## New features

Improved Graphs

Standard OpenAPI specification

15-minute support

Other minor improvements

- Export excel UTC timestamp
- Improved default row display
- Tooltips
- Load profiles - 11/2023
- Reconciliation price – 11/2023

## Technical improvements

Modern cloud-based architecture

- Possibility to add new features and continuously improve the application
- Shorter release cycles
- Frequent security updates, all software components are regularly maintained and have an active community.

Improved security

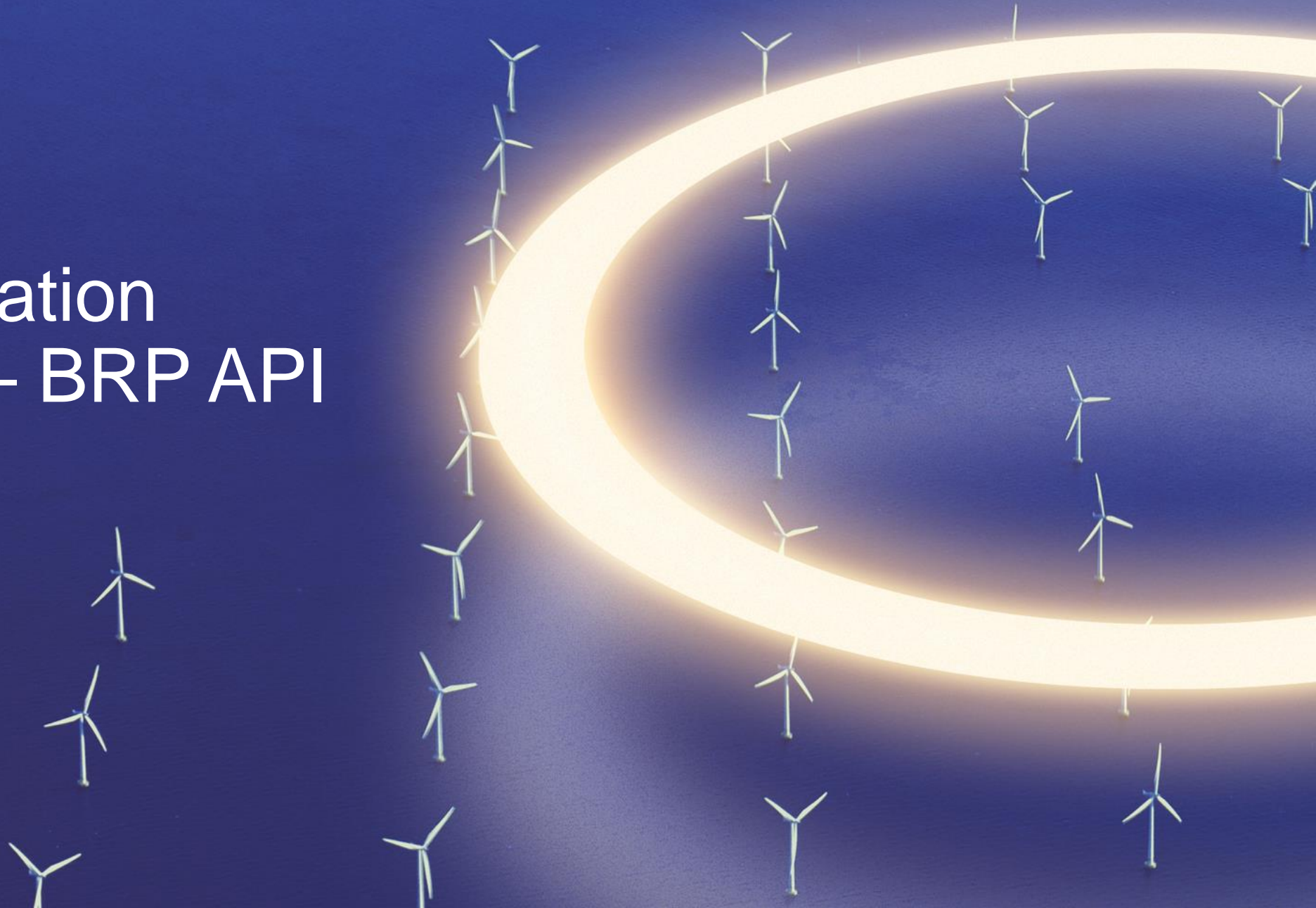
- OWASP DevSecOps Guidelines
- Azure front door provides protection against DDOS attacks
- Continuous vulnerability scanning using defender for cloud

# Open Data API

- The API is described as an Open API specification
  - Standard self-documenting specification that is supported by multiple programming languages
- Includes a swagger-ui for better user experience
  - <https://api.opendata.esett.com/>



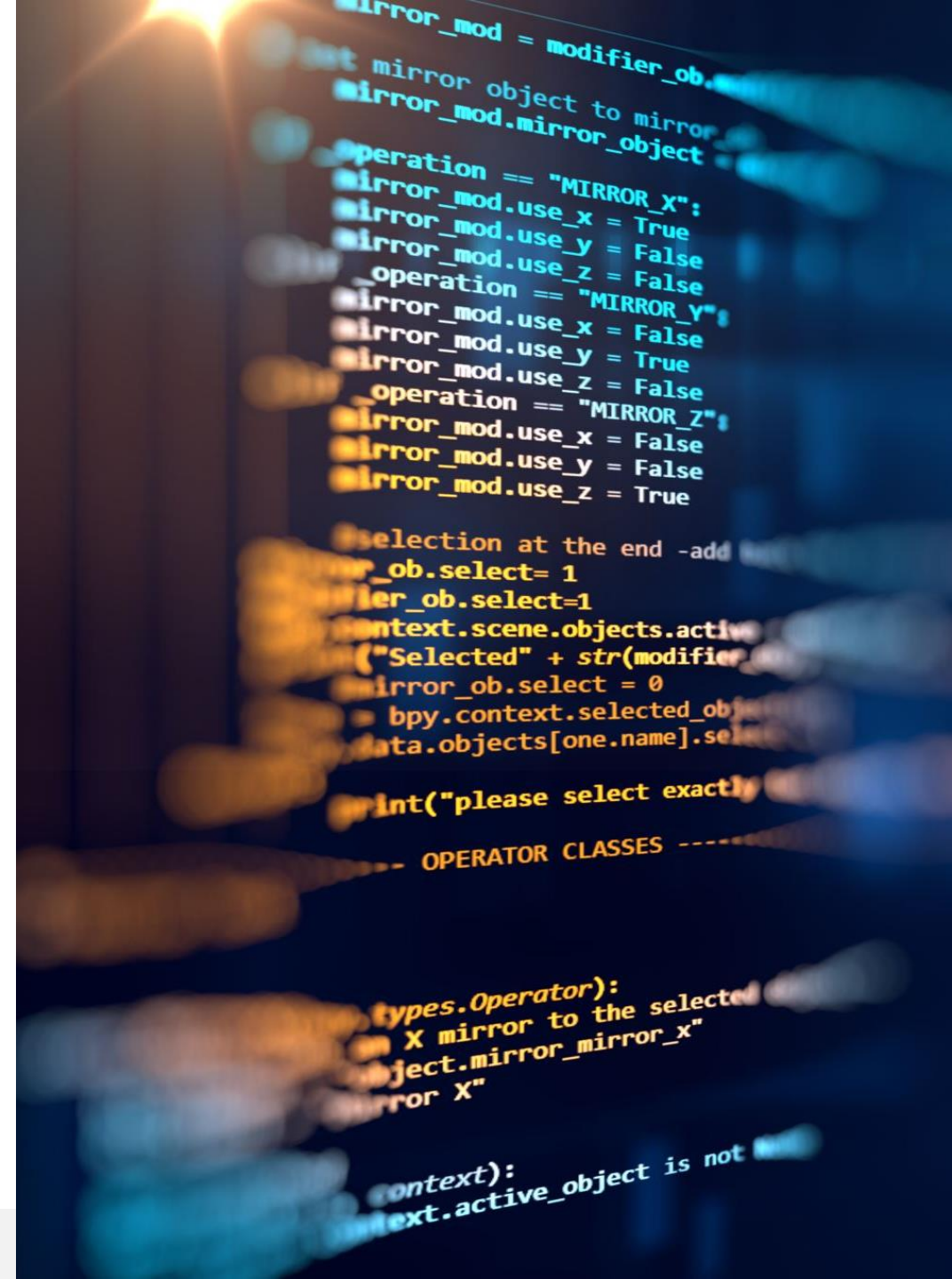
# Future communication channels – BRP API





# API improvements

- eSett currently provides interfaces to fetch data using the Information Service, which is SOAP/xml based
- We are working to modernize our APIs and improve user experience
- With the release of the upgraded cloud-based open data platform, as an initial step, an improved API for accessing Open Data was also released
- To help us plan and design our improvements, we listed a few discussion points / questions that would be helpful in optimizing the design of the future planned APIs



# API improvements

How often does data need to be fetched from API?

- This will help us define and set our rate limits.

What is the estimated time interval for each request ?

- This is for performance tuning, to determine the approximate volume of data for each request.

How often is data older than a few months required?

- This is also for performance tuning.

The current information service provides data in xml format and the requests are made using SOAP. Would you prefer a more modern RESTful API approach with JSON data ?

- Similar to <https://api.opendata.esett.com/>

What level of real-time accuracy is required? Is the primary focus on accessing the most current data for the present day ?

Is there any data missing from the current Information Service that you would like to see in possible future APIs ?



WE SETTLE, TOGETHER!

