

# GB Flexibility Dispatch standard

4 Mar 2026

Tim Manandhar

# Agenda

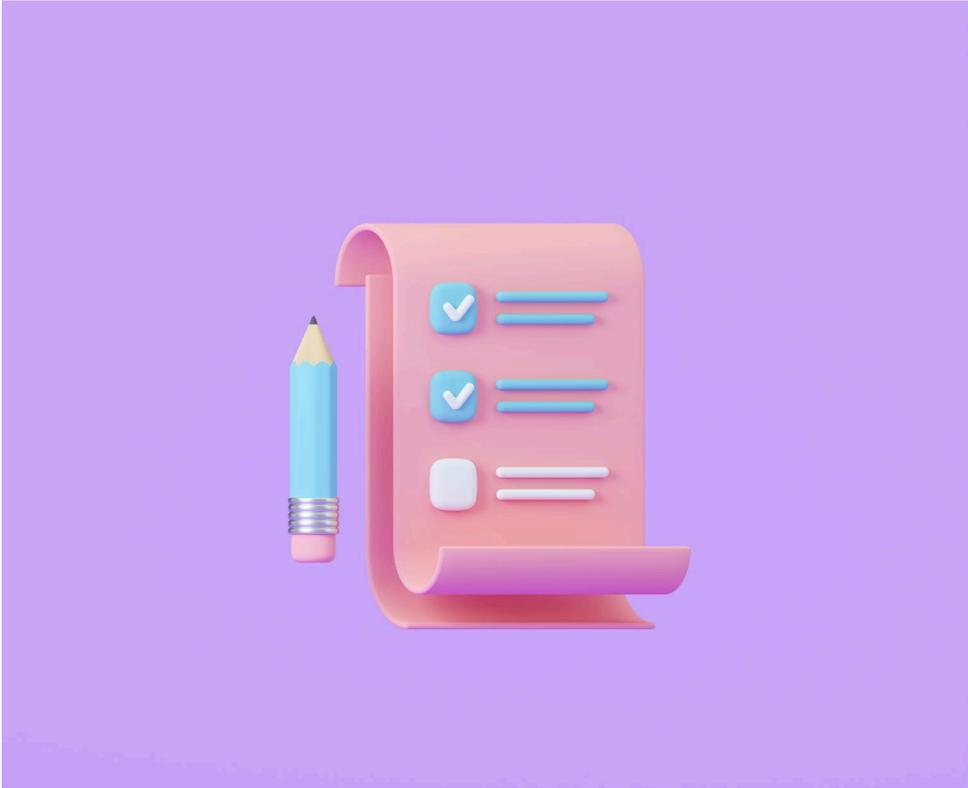
Introduction to ENA

ENA Open Networks project

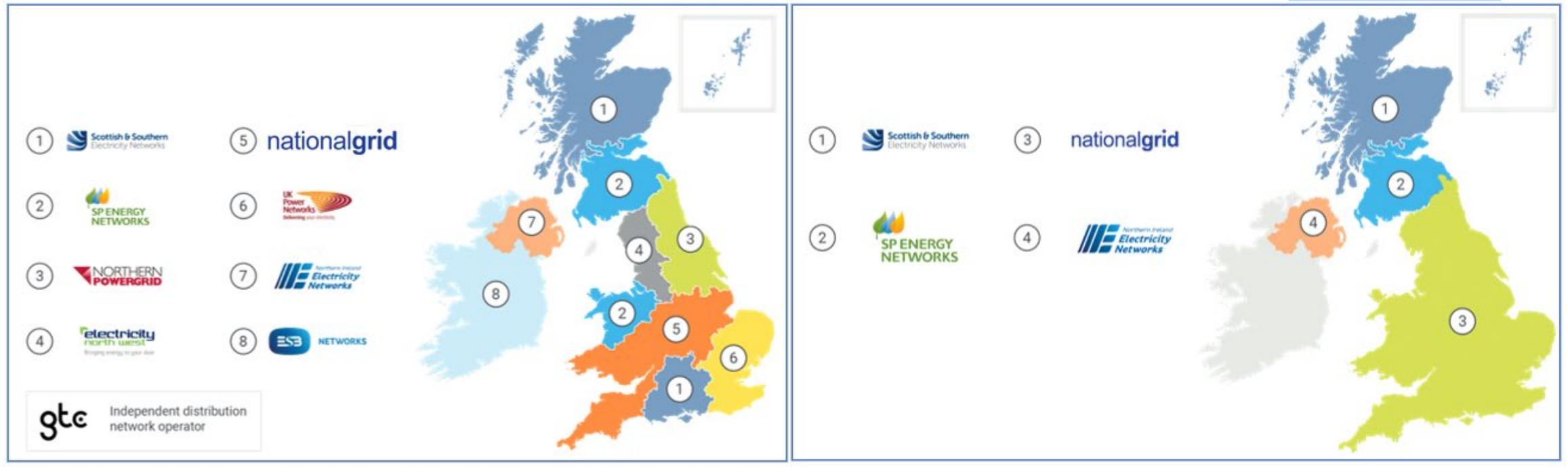
Project Outputs and Scope

GB's standard flex products

GB profile – Key use cases



# Introduction to ENA: Electricity Network Association



# ENA Open Networks project: Systems Interoperability



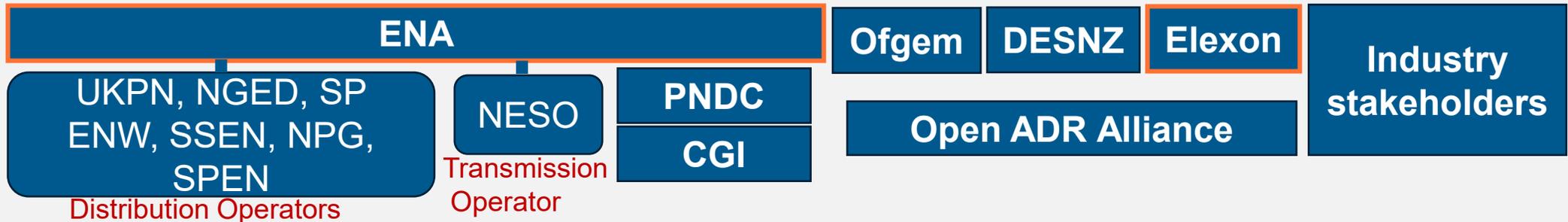
## **Why:** Reducing barriers to flexibility by standardising Flex dispatch

- ✓ Common standard for Flex Service Providers (**FSPs**) to participate in multiple GB markets – increase market liquidity
- ✓ Improve FSP user experience with harmonized GB approach -

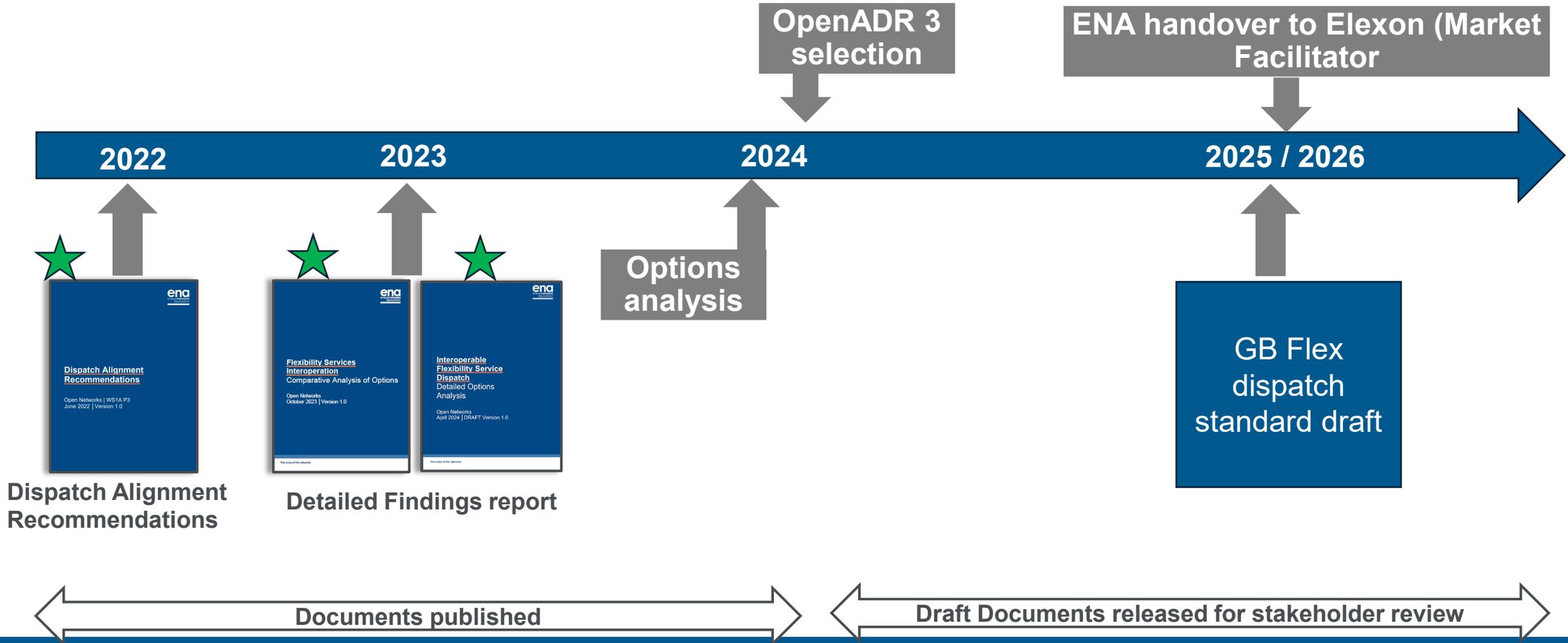
## **Principles and Criteria** in developing the standard:

- ✓ **Performance:** Open standard, Interoperability, Scalability, Security, Maintainability, Platform independency, Backward and forward compatibility
- ✓ **Delivery:** Cost efficiency and Ease of implementation for all parties.

## Key Contributors (14 organisations)

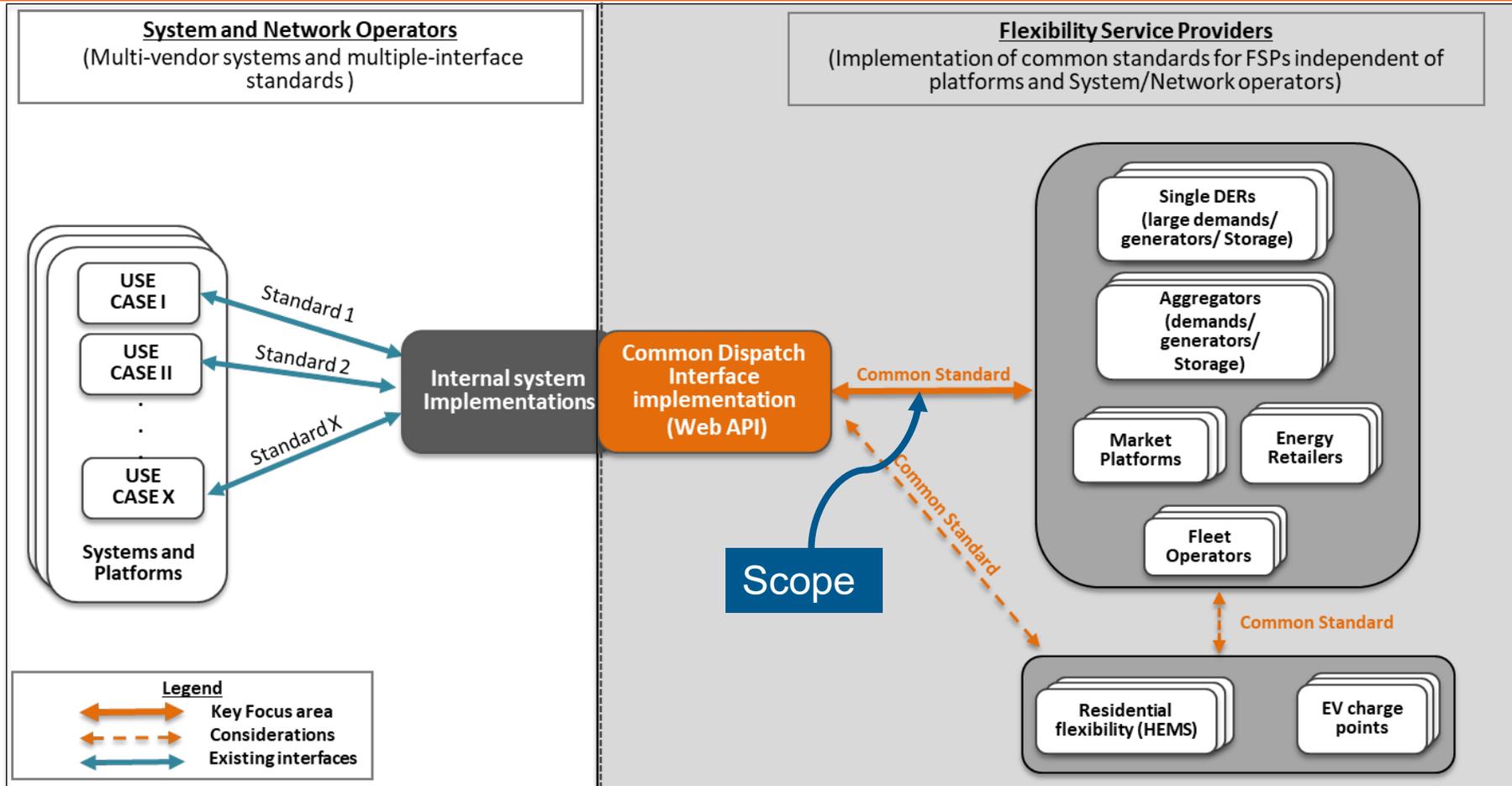


# Project outputs summary:



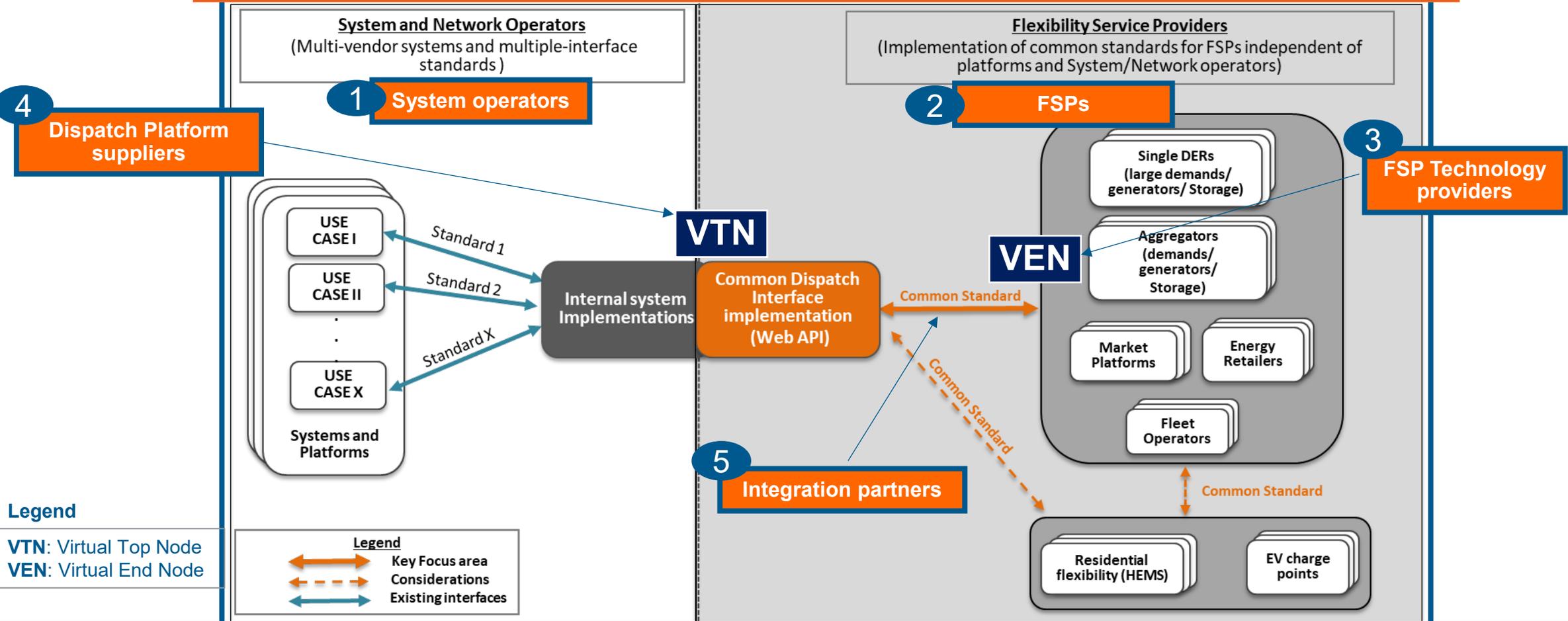
# Scope for standardisation

Key Focus area is the network operator → Flexibility Services interface standard



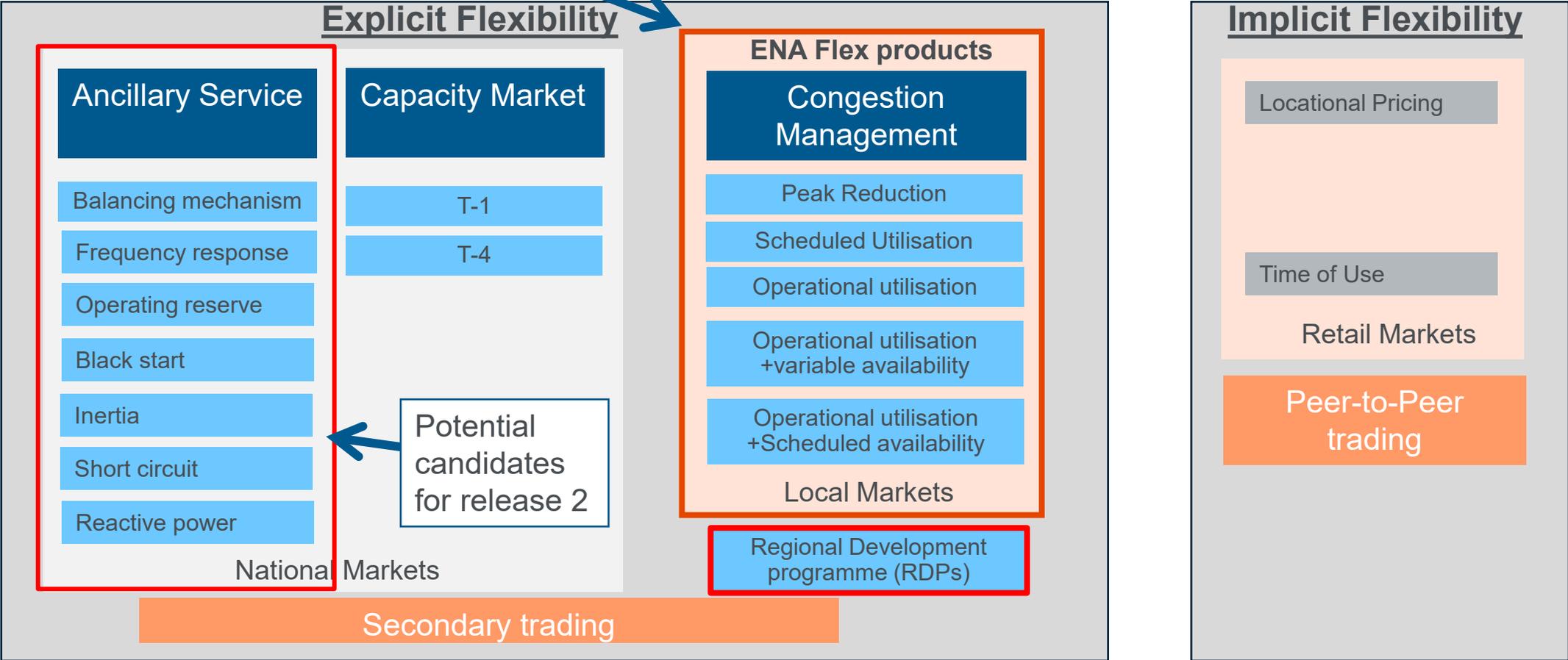
# Actors involved

Key Focus area is the network operator → Flexibility Services interface standard



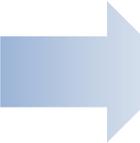
# GB Flexibility Products

The scope of **GB profile Release 1** standard covers ENA standard Flex products and RDP



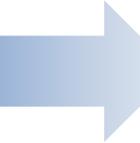
## GB standardised Flex products

- Standard products enable smooth transactions between buyers and sellers of flex
- Products are chosen to meet different network and provider needs



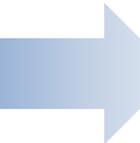
### Peak Reduction

Contract awarded through a long-term tender where the flex provider reduces their highest demand peaks during contracted windows



### Scheduled Availability + Operational Utilisation

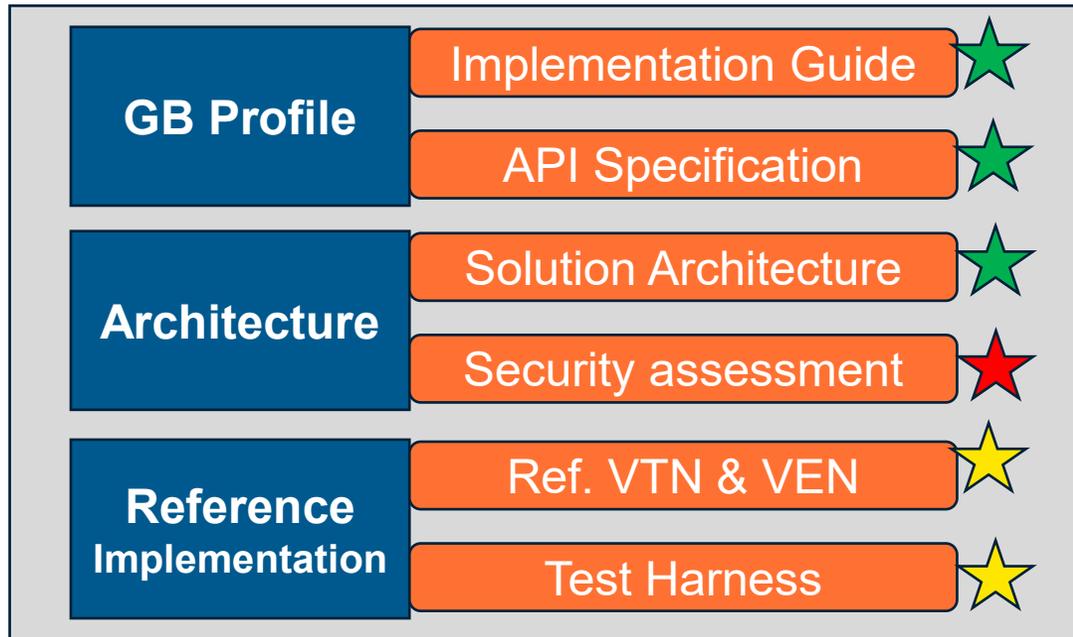
Contract awarded through a long-term tender where the flex provider commits to be available during contracted windows, with utilisation confirmed at day-ahead



### Scheduled Utilisation

Contract awarded through a day-ahead auction where the flex provider agrees to deliver their flex for the following day

# GB standard draft artefacts



## OpenADR version 3.0 & 3.1

- Release 1 - Draft standard initially developed for v3.0
- Final draft standard extended to v3.1

### Key

★	ENA Drafts released
★	Classified Docs
★	Controlled access (GitHub)

These documents are now under Elexon review and are subject to change

## GB profile: Key use cases

1. Dispatch Creation for Immediate Execution
2. Create a Future Dated Dispatch Schedule
3. Modify a Dispatch Event
4. Cancel a Dispatch Event
5. VEN Health check
6. Real Time Availability (Asset Health Check)

## GB profile: Key use cases

### 1. Dispatch Creation for Immediate Execution

This use case enables a System Operator to **issue a flexibility instruction** to an FSP, covering one or more assets, with delivery starting **immediately**.

The use case provides the ability for the System Operator to specify:

- a specific asset known to the System Operator by asset ID;
- the identifier of a flexibility service to be provided in a specific part of the network, with the assets to be chosen at the discretion of the FSP providing the service. The term asset group ID is used in the GB Profile for this type of flexibility provision;
- a list of asset IDs and/or asset group IDs.

## GB profile: Key use cases

### 2. Create a Future Dated Dispatch Schedule

This use case enables a System Operator to issue a **flexibility instruction** to an FSP, covering one or more assets, with delivery starting at an identified date **in the future**.

Separate instructions for arming and executing a dispatch instruction are supported.

Each interval period needs to be defined individually. However, multiple interval periods may be defined in a single dispatch event.

## GB profile: Key use cases

### 3. Modify a dispatch event

This use case enables a System Operator to **modify** the specification of a previously-specified dispatch event.

This is necessary to support real time dispatch instructions with uncertain end times.

### 4. Cancel a dispatch event

This use case enables a System Operator to **cancel** a previously-specified dispatch event.

It enables operator to cancel dispatch after execution if the need no longer remains or if there is a system emergency to intervene.

## GB profile: Key use cases

### 5. VEN Health check

This use case enables the System Operator to check for loss of communications with the VEN.

Implementation of the use case requires that the FSP sends regular updates to the System Operator, also known as a heartbeat.

### 6. Real Time Availability (Asset Health Check)

This use case requires that an FSP notifies the System Operator via the API if the ability of an FSP to provide flexibility to the System Operator for one or more assets has changed from available to unavailable or vice versa.

These notifications of unplanned unavailability are only provided on change of status.

Tim Manandhar  
tim.manandhar@ukpowernetworks.co.uk



**Energy Networks Association**

4 More London Riverside

London SE1 2AU

t. +44 (0)20 7706 5100

 @EnergyNetworks

[energynetworks.org](http://energynetworks.org)

Energy Networks Association Limited is a company registered in England & Wales No. 04832301  
Registered office: 4 More London Riverside, London SE1 2AU