



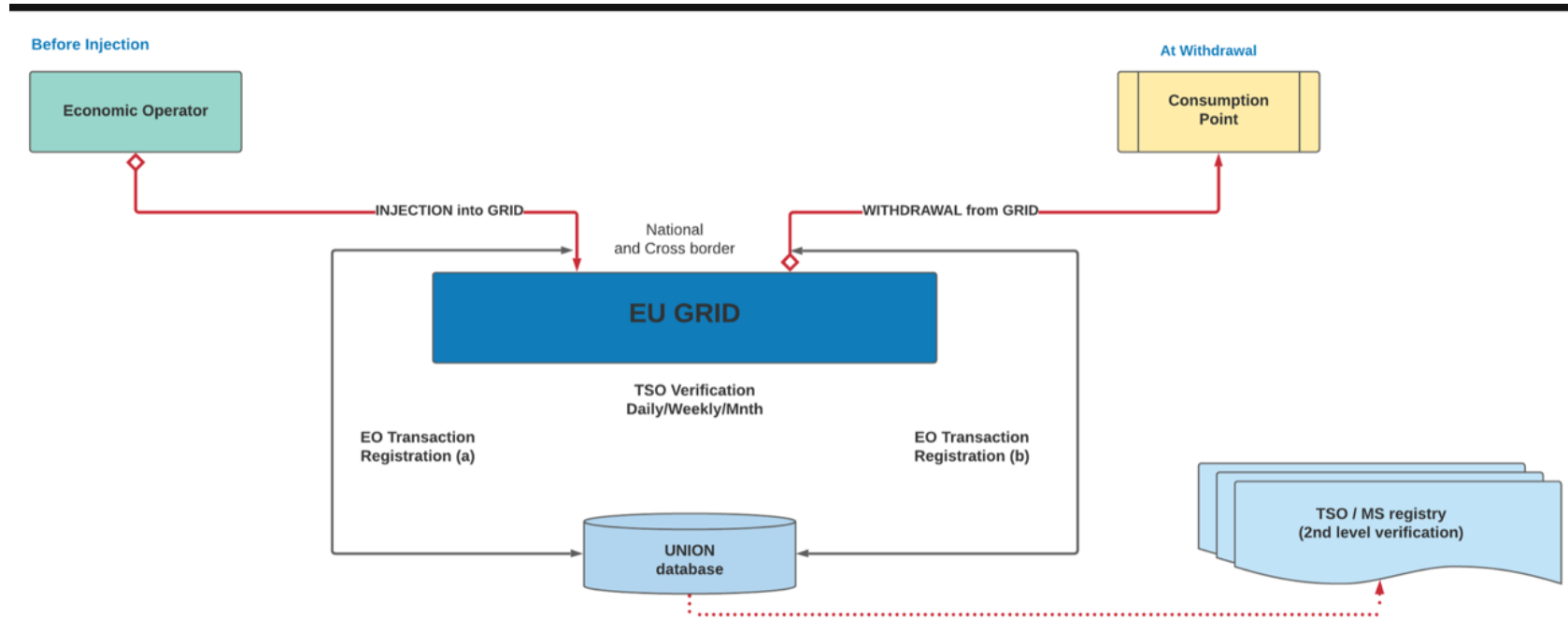
# Union Database & Gaseous Value chain

*DG ENER*

# AGENDA

- Certificate data exchange to UDB
- Injection process
  - Injection meter reading by EO
  - Verification Reports
- Consumption point process

# Concept of Union Database (UDB) for gaseous fuel



# Certificate data exchange to UDB

- Voluntary Schemes (VS) & Economic Operators (EO)
  - Scope: Economic Operators injecting Hydrogen / Biomethane
  - EO is certified by the VS (via Certification bodies) for the production point of sustainable gaseous fuels
  - Voluntary scheme/Certification body must keep the certification data up-to date
  - EO, TSO/DSO and national registries can access the UDB to get status of certificate and link to Voluntary Scheme
  - The certificate metadata required is common to both Liquid & Gaseous value chain
  - Additional information required to be sent to UDB for Gaseous value chain include by VS/CB
    - Injection point identifier i.e., the meter number
    - DSO/TSO who is responsible for the metering of the injection point
    - Maximum Total sustainable capacity per year of the plant injecting to the grid – **Validated by Auditors annually**

# Injection Process -> exchange of data to UDB

## Step 1

- Meter reading by EO

Frequency: Daily / Weekly

## Step 2 - Verification

- TSO/DSO report

Frequency: Weekly / Monthly

## Step 3 - Issue PoS

- Reconciliation is applied in case of variations from EO reports & adjusted to future periods
- Issued PoS is sent to Economic Operator

- In case where the production is not 100% sustainable, sustainable quantity is based on indicated sustainable capacity as per the certificate
- Economic operator is allowed to indicate emission values for specific PoS (1 MW each)

# Consumption point – Claiming PoS

- Consumption (1 MWh) is registered by the supplier (or via DSO/TSO) on UDB
- DSO / TSO on behalf of the Economic Operators approve the Consumption
- Frequency : Monthly reports for each PoS withdrawn from the grid

# Withdrawal point – Liquefaction scenario

- Tracing will be handled in the Liquid fuel value chain, post withdrawal from the grid.
- The Withdrawing EO/Supplier can claim the PoS issued by Biogas plant which will also be available transparently to the withdrawing EO under the name of Original PoS in liquid value chain.

# Thank you



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