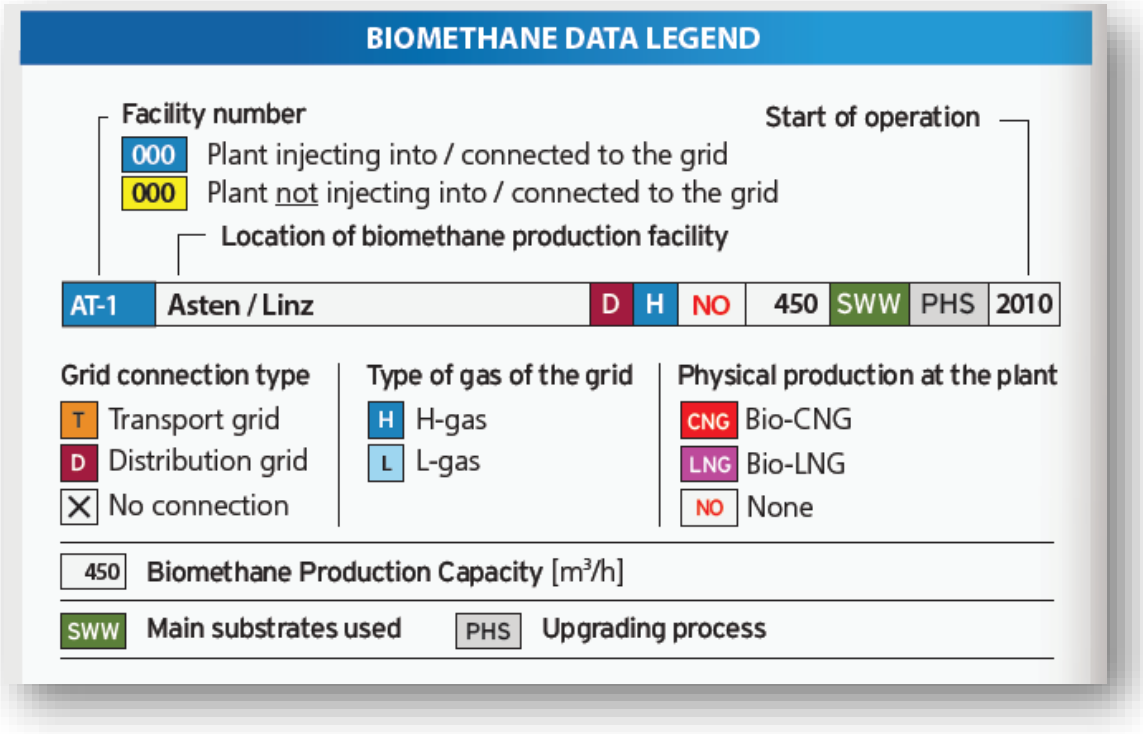
How to read the European Biomethane Map 2020?

This guide provides a short explanation to better understand the composition of the European Biomethane Map and help you find more easily the information you need.

This map displays all biomethane production plants in Europe. It has been produced with the information gathered from national biogas associations, energy agencies and companies.

The map includes the following legend to help you navigate through it:



1. Identification of a plant

- Each plant has a facility number.
- Next to the facility number, you will also find information on the location of the plant.

2. Grid connection

The code appears in a blue box if the plant is connected to the grid and in a yellow box when it is not connected.

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3. Grid connection type

- **T** = Transport grid (high pressure grid).
- **D** = Distribution grid (lower pressure grid).
- **X** = No grid connection.

Did you know? The transport grid takes gas over longer distances. This process requires more energy to compress the biomethane to high pressure, but it allows for higher transported volumes compared to the distribution grid.

4. Type of gas of the grid

- **H-gas** = high caloric gas
- **L-gas** = low caloric gas

Did you know? Most part of the gas in Europe is H-gas. Biogas can be accommodated to H-gas quality requirements after a treatment process.

5. Physical production at the plant

Some biomethane plants have onsite production of Bio-CNG and/or Bio-LNG.
The fuel can be used to fed an on-site filling station or it can be transported via trucks.

6. Biomethane production capacity (m^3/h)

This indicates the maximum amount of cubic metres of biomethane that the biomethane plant can produce per hour.

7. Main substrates used

This is the main feedstock the biomethane plant uses to produce biomethane. Many plants use a mix of substrates, but this map shows only the main substrate used by the plant. A short explanation on each substrate is provided on the map.

8. Upgrading process

The light grey box on the row containing all plant details indicates the type of upgrading process.

9. Start of operation

The last figure that appears in the row containing all plant details indicates the year in which the plant started operations

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