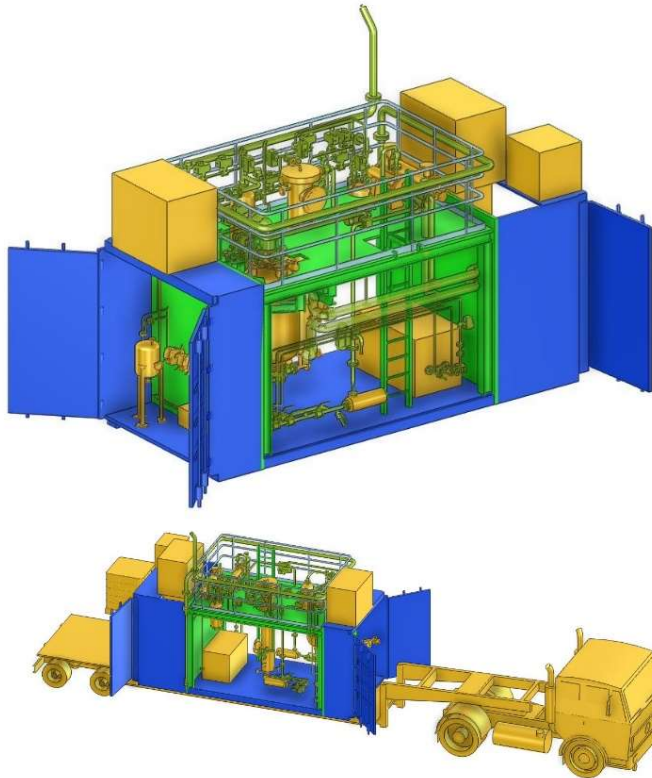
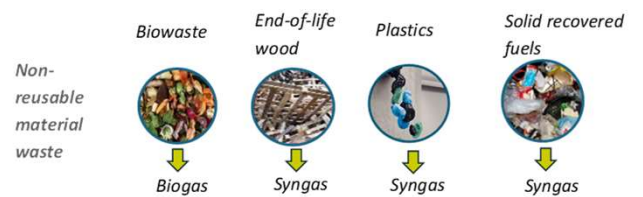


# BIMOTEP

## On-site Biological Methanation Testing Platform



- **Mobile Biological Methanation Reactor** (300l) and its auxiliary equipment for on-site testing.
- **Capable of handling a variety of gases**, including CO<sub>2</sub>, biogas from methanation, syngas from pyrolysis or gasification of various waste materials.



- **Production of synthetic methane** or hydrogen (pressure range between 0 and 10 bar)
- **Digital control and monitoring system** with data acquisition system.
- **Unit integrated into a 20-foot container**, equipped with ATEX zones.

### 1 platform x 2 usages

#### Industrialization

- **Optimizing microorganism consortia** and the mechanisms that support their growth
- **Process demonstration** : conducting tests in representative environments with various types of gases (biogas or syngas) at customer sites.

#### Commercial

- **Scale production of microorganisms** : for seeding commercial installations.
- **Testing Platform**: Offering on-site tests as part of a preliminary study.

#### Calendrier

**Design** : march 2020 – janvier 2021

**Commissioning**: 1st quarter 2021

**Industrialization Program & Microorganism growth** : 2021 - 2022

2021 : methanization biogas treatment tests



2022 : Various syngas treatment

