

# GREENHOUSE GAS REDUCTION IN AGRICULTURE USING PLASMA-BASED SOLUTIONS

#### **CANMILK** in a nutshell

- Duration: September 2022 -August 2026
- Funding: approx. 3M€ budget from EC and UKRI
- Cooperation between 8partners from 6 countries

### **Background**

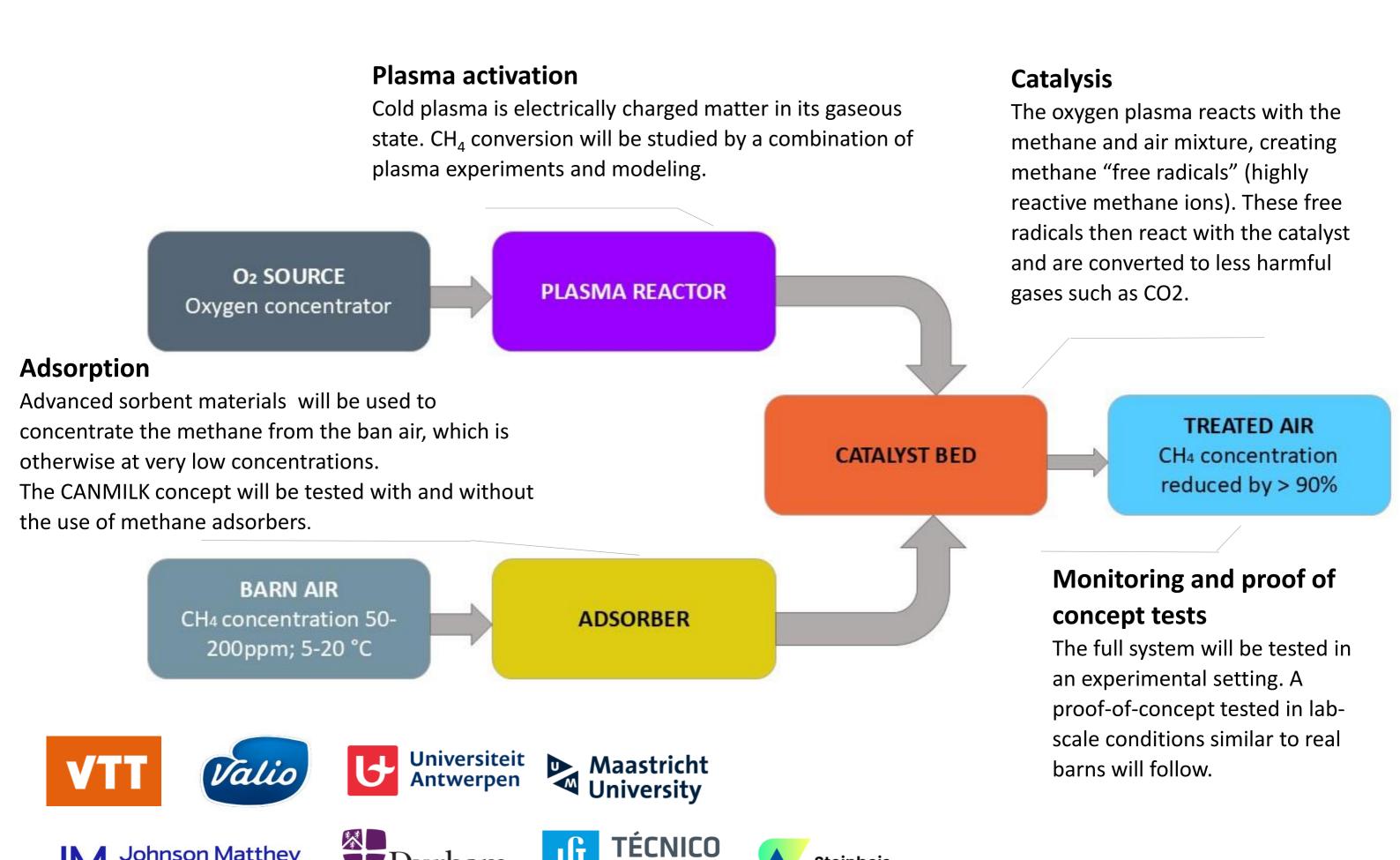
- > Agriculture accounts for about 10% of total greenhouse gas emissions at European level, with around 54% of these being methane.
- $\triangleright$  Methane (CH<sub>4</sub>) is 80 times more potent than carbon dioxide (CO<sub>2</sub>) in heating up the Earth on a 20-year timescale.

#### The solution

The CANMILK project is developing an innovative technology based on (non-thermal) plasma which will help farms to cut down methane emissions inside barns.

The CANMILK system will be simple, safe and low maintenance so that it may be easily integrated to existing barn infrastructures.

## **CANMILK Concept and approach**



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