

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 7 partners from 5 countries

Background

- > Agriculture accounts for about 10% of total greenhouse gas emissions at European level, with around 54% of these being methane.
- \rightarrow Methane (CH₄) is 80 times more potent than carbon dioxide (CO₂) 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









