

AGRO FOSSIL FREE



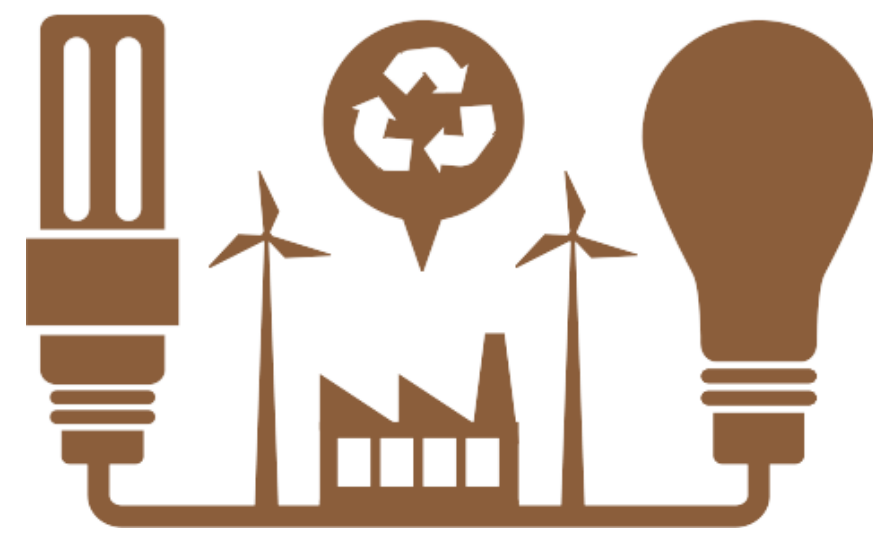
The path towards a fossil-free EU agriculture

Problem statement

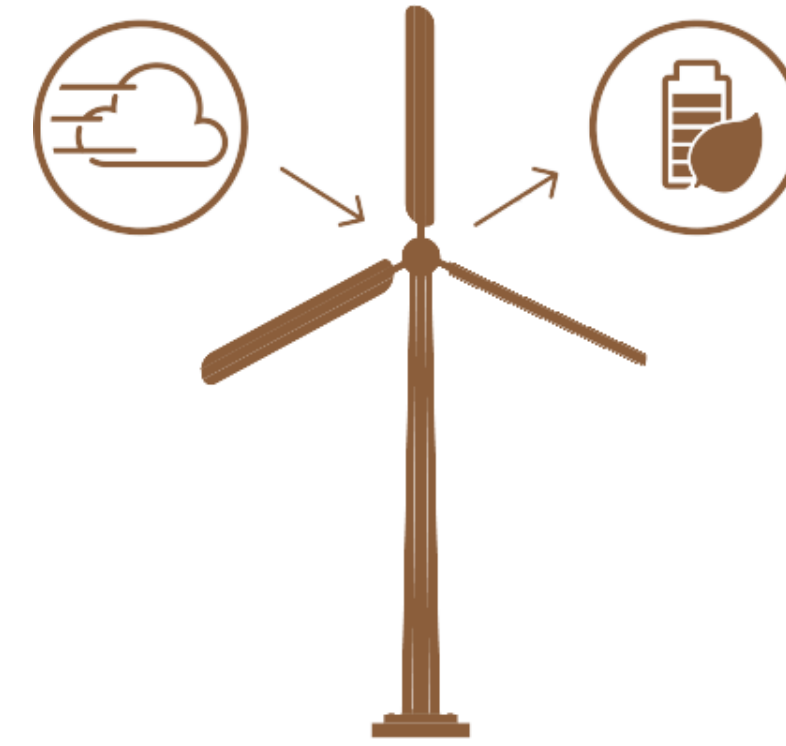
Global agriculture relies on fossil resources for covering most of its energy needs and is a main energy consumer and greenhouse gases (GHG) producer.



Novel technologies and strategies related to more sustainable energy production, efficient use and GHG emissions' reduction are already applied in most economic sectors with very positive results.



Agriculture was till recently not identified as a main application domain and therefore such technologies are not widely adopted by farmers.

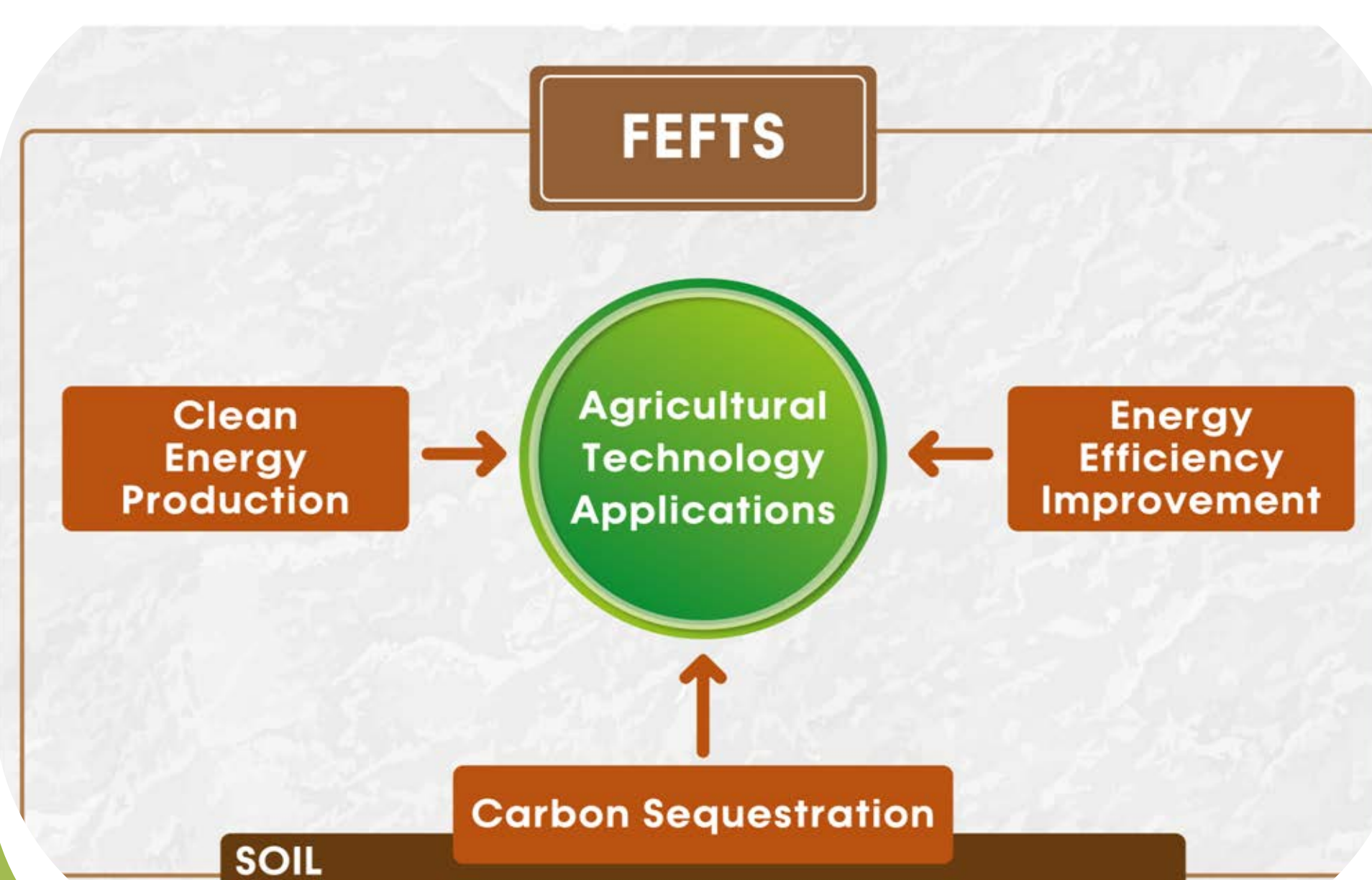


How to overcome?

Only when agricultural stakeholders gain knowledge and training on technological advancements in energy sector will agriculture be able to fully align with the related policies, frameworks (EU Green Deal) and sustainable food practices.

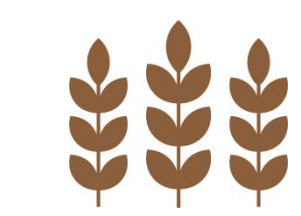
What is FEFTS?

FEFTS (**Fossil-Energy-Free Technologies and Strategies**) refer to the tools that are required to address cleaner and more efficient energy production and use in agriculture.



AgroFossilFree will create a framework

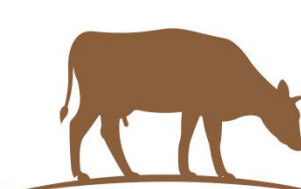
under which all core stakeholders will cooperate in order to evaluate and promote the currently available FEFTS in EU agriculture to decrease or even eliminate the use of fossil energy in:



Open Field



Greenhouses



Livestock

Objectives

- 01 **Assess** and **evaluate** the current energy use status in EU agriculture
- 02 **Identify** existing needs and interests for the future farm energy profile
- 03 **Identify** and **register** available FEFTS
- 04 **Explore** existing financing tools for de-fossilising activities
- 05 **Collaborate** with all relevant stakeholders for FEFTS integration EU agriculture
- 06 **Create** an AgEnergy online platform with all available FEFTS
- 07 **Design** a Decision Support Toolkit to propose optimal integrated solutions for EU farmers
- 08 **Propose** a FEFTS research roadmap and policy guidelines to de-fossilize EU agriculture

Expected Results

- 1700 FEFTS identified and categorized
- 400 FARMERS' NEEDS ASSESSMENT regarding energy use
- AG-ENERGY PLATFORM with 800 FEFTS displayed
- POLICY GUIDELINES on the de-fossilisation of EU agriculture
- 50 FEFTS "PRACTICE ABSTRACTS" (20 open-field, 10 greenhouses, 20 livestock)
- 3 INTERACTIVE INNOVATION MULTI-ACTOR WORKSHOPS in each "hub"
- 3 TRANSNATIONAL WORKSHOPS
- 1 BROKERAGE EVENT



AgroFossilFree H2020 Project



AgroFossilFree Project



H2020_AgroFossilFree



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This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement ID 101000496



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