

# Coopid



**COOP**eration of bioeconomy clusters for bio-based knowledge transfer via **Innovative D**issemination techniques in the primary production sector

## Basic showcase info

1. Use of renewable resources for energy efficiency.
2. Year-round climate-independent high-value vegetable production.
3. Use of digital technologies as a profitable market for young farmers.

## Origin of the solution of the showcase

It started in 2016 attracting state funds from the Bulgarian Rural Development Programme 2014-2020-Measure 4.1 "Investments in agricultural holdings".

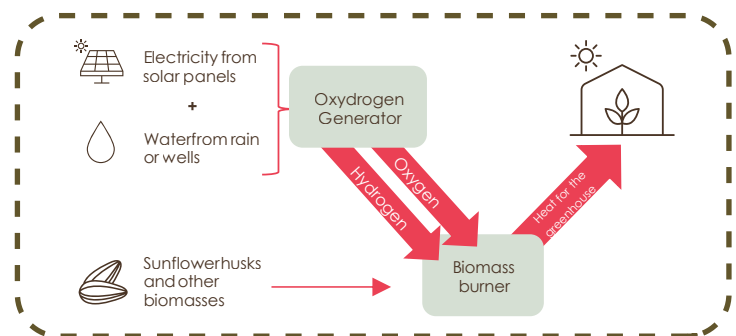
## Facility explanation

The facilities use climate control systems that need energy to maintain the adequate temperature inside the greenhouse for vegetable growth. Energy comes from sustainable sources like:

1. Pellets of Sunflower seed husk for burning (food processing/ agricultural /sunflower refinery).
2. Oxi-hydrogen generated in the facility.
3. Solar panels (to be installed in the future).



**Victor Asenov**



## Innovative business model description

The business models combines:

1. the use of renewable materials (pellets from sunflower residues) as a resource material for modern heating system,
2. full-year profits and employment,
3. pro-active approach to new digital technologies in primary production i.e. blockchain for monitoring quality of production from seeds to delivery,
4. circularity from seed to vegetable waste utilisation,
5. and young generation of farmer-entrepreneurs involved.

## Relation of the showcase with primary producers

Mr. Victor Asenov enterprise is a member of the Bulgarian Greenhouse Growers' Association (BGGGA) which has 51 full and 26 associate members. This allows for direct contact with fellow vegetable producers.



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Brochure designed

