

# Opportunities for cost sharing and price making through the supply chain.

Esther Ontiveros (DCOOP) for  
ENRD TG Work on Sustainable  
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**DCOOP**  
*Tierras con Alma*

# SUSTAINABLE BY NATURE

**Our inspiration is to improve nutrition of people all over the world, with sustainable food produced in our land by our 75.000 families of farmers.**

We strive for:

- ✓ Connecting with consumers around the world reducing middlemen.
- ✓ Protect our environment with sustainable development activities
- ✓ Provide a good living for our farmers now and for future generations



# OUR VALUE CHAIN



## GENERAL AGRI FOOD DCOOP ACTIVITIES

### INCREASE POSITIVE IMPACT



### MINIMIZE NEGATIVE IMPACT

#### **Environmental impact:**

- Emissions – transportation, boilers
- Energy consumption
- Water consumption
- Waste management circular economy

#### **Social Impact:**

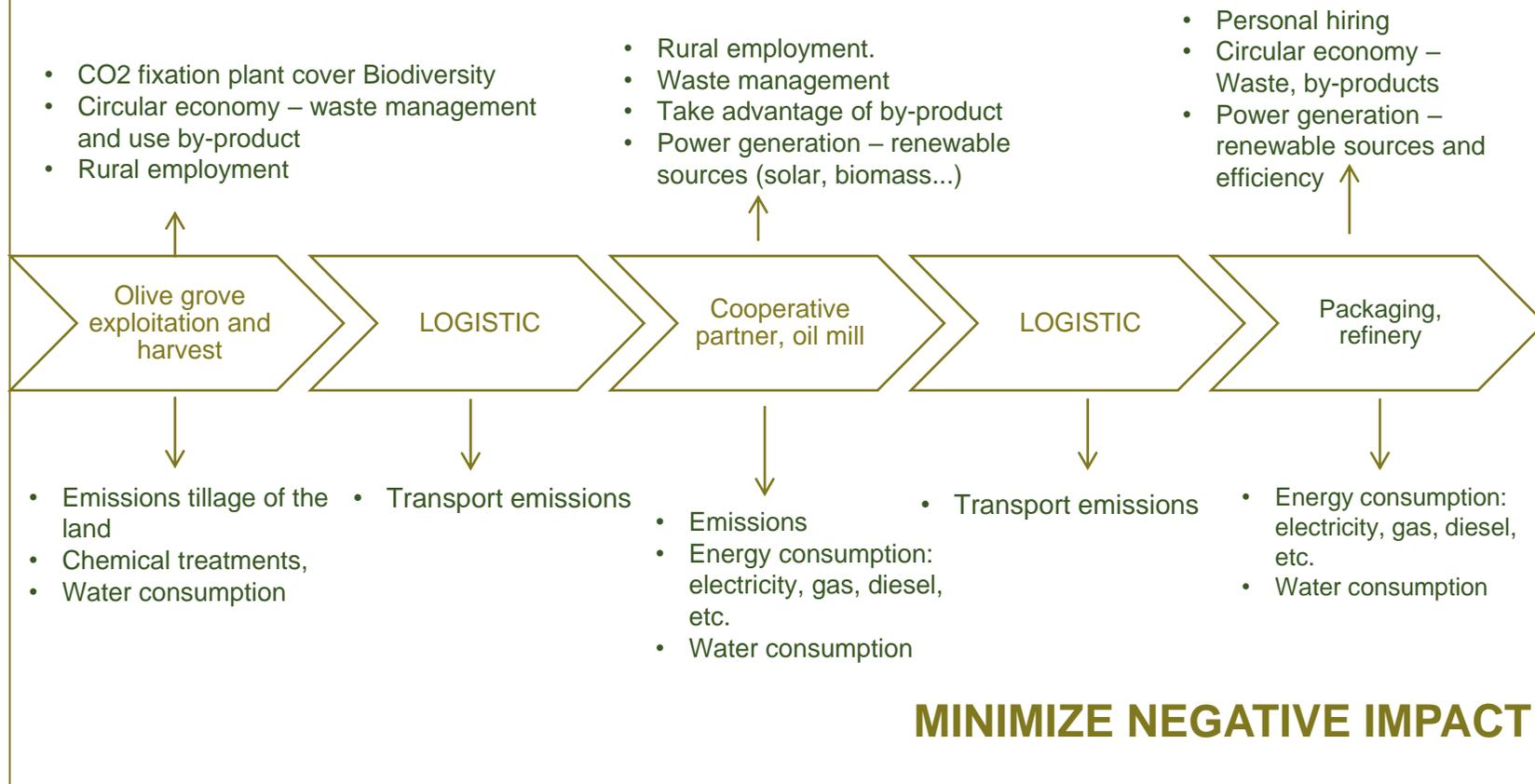
- Employment Generational relief
- Incorporation woman
- Integration of diversity

#### **Economic impact:**

- Wealth distribution
- Economic development rural areas
- Modernization, digitization, industry



## INCREASE POSITIVE IMPACT





## INCREASE POSITIVE IMPACT

- CO2 fixation plant cover
- Biodiversity
- Circular economy – waste management and use by-product rural employment

- Rural employment waste management
- Take advantage of by-product
- Power generation – renewable sources (solar, biomass...)

- Personal hiring
- Circular economy – Waste, by-products
- Power generation – renewable sources and efficiency



- Emissions tillage of the land
- Chemical treatments,
- Water consumption

Transport emissions

- Emissions
- Energy consumption: electricity, gas, diesel, etc.
- Water consumption

• Transport emissions

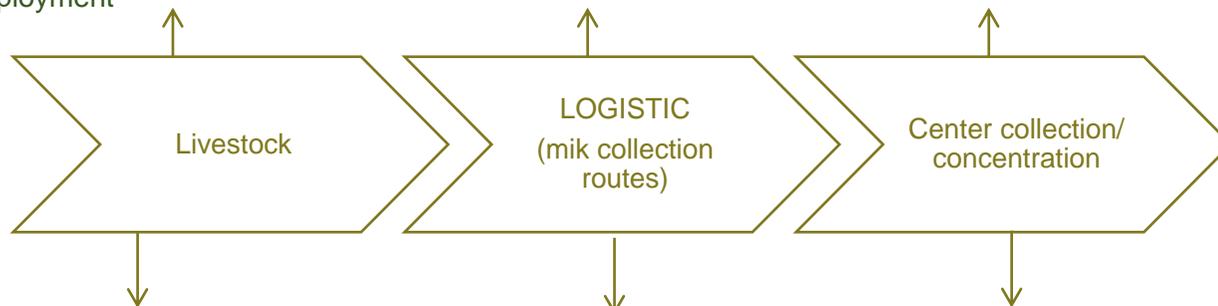
- Energy consumption: electricity, gas, diesel, etc.
- Water consumption
- Spill

## MINIMIZE NEGATIVE IMPACT



**INCREASE POSITIVE IMPACT**

- Forage management
- Organic fertilizer
- Circular economy – waste management and use. by-product
- Rural employment



- Rural employment

- Transport reduction
- Employment
- Circular economy – Waste, by-products (permeate)

- Coat emissions
- Consumption of raw materials, medicines
- Water consumption
- Energy consumption – cold and milking

- Transport emissions

- Energy consumption: electricity, gas, diesel, etc.
- Water consumption
- Spill

**MINIMIZE NEGATIVE IMPACT**

**INCREASE POSITIVE IMPACT**



- Employment Circular economy – Waste, by-products (whey)

- Transport emissions

- Energy consumption: electricity, gas, diesel, etc.
- Water consumption
- Spill

**MINIMIZE NEGATIVE IMPACT**

# DCOOP strategic axes for sustainability agreements



## CIRCULAR ECONOMY

- ✓ Biomass cogeneration systems.
- ✓ Revalorization of by-products.
- ✓ Fighting overuse of packaging in farming.
- ✓ Reduce waste.



## DECARBONIZATION

- ✓ Energetic efficiency.
- ✓ Renewable energies: solar, photovoltaic, thermal y geothermal, biomass y biogas.
- ✓ Increasing the mediterranean forest.



## DIGITIZATION

- ✓ Modernisation and digital transformation of the agri-food sector as development vehicle to attract young population job and weath back to rural areas,.



## BIOECONOMY

- ✓ The harnessing of farming raw materials in different sectors besides food industry: cosmetic, pharmaceutical, energy, industrial, biorefineries...





*¡Thank you!*