

OvinAlp

Haute fertilisation

How do we deal with circular economy?

A fertilizer industry based in the French Alps



Ovinalp is a company founded in 1988



Installation Classified for the Protection of the Environment

Some data



- 80 employees
- 44 000 tons of solid fertilizers
- 300 000 liters of liquid fertilizers
- 4 harvesting trucks
- 20 trucks for delivery

What is circular economy to Ovinalp?

① Give a second life to resources

Manure
and raw material



② Optimize the production



Fertilizer industry

⑤ Deliverer a high quality
and handy-to-use product

Agriculture /
Livestock



③ Innovate to avoid waste
and improve products

④ Limit the environmental impact



Transport

Respect the Sustainable
Development concept



How do we proceed?

We buy sheep manure close to the plant (**less than 150 km around**) inside the **Protected Geographical Indication (PGI)** area of Agneau de Sisteron. Exclusively from extensive livestock.



We have specific trucks for cleaning-up the sheepfold and for harvesting manure.



Composting process on a ISO 14001 platform for it's environmental management system.

➔ **Limitation of the environmental cost**



Circular economy passes by by-products valorisation



Sheep manure



Poultry feather meal



Livestock by-products



Grape by-products



Olive by-products

Organic products used for their agronomic properties.



Minerals

Minerals to boost agronomic properties of the fertilizer.

We produce PFC 1A (Organic fertilizer) and PFC 1B (Organo-mineral fertilizer) under liquid or solid form, based to materials related to CMC3 according to the new EU Fertilizing Products Regulation.

➔ Give a second life to resources



Circular economy and environmental management force us to optimisation



Fertilizer
industry



Composting process allows to have:

- Sanitized product without any human pathogens
- A safe product for the end-user
- A stable organic matter of excellent quality



Dust aspiration during the production process:

- Secured working area
- Reinject production dusts in the process

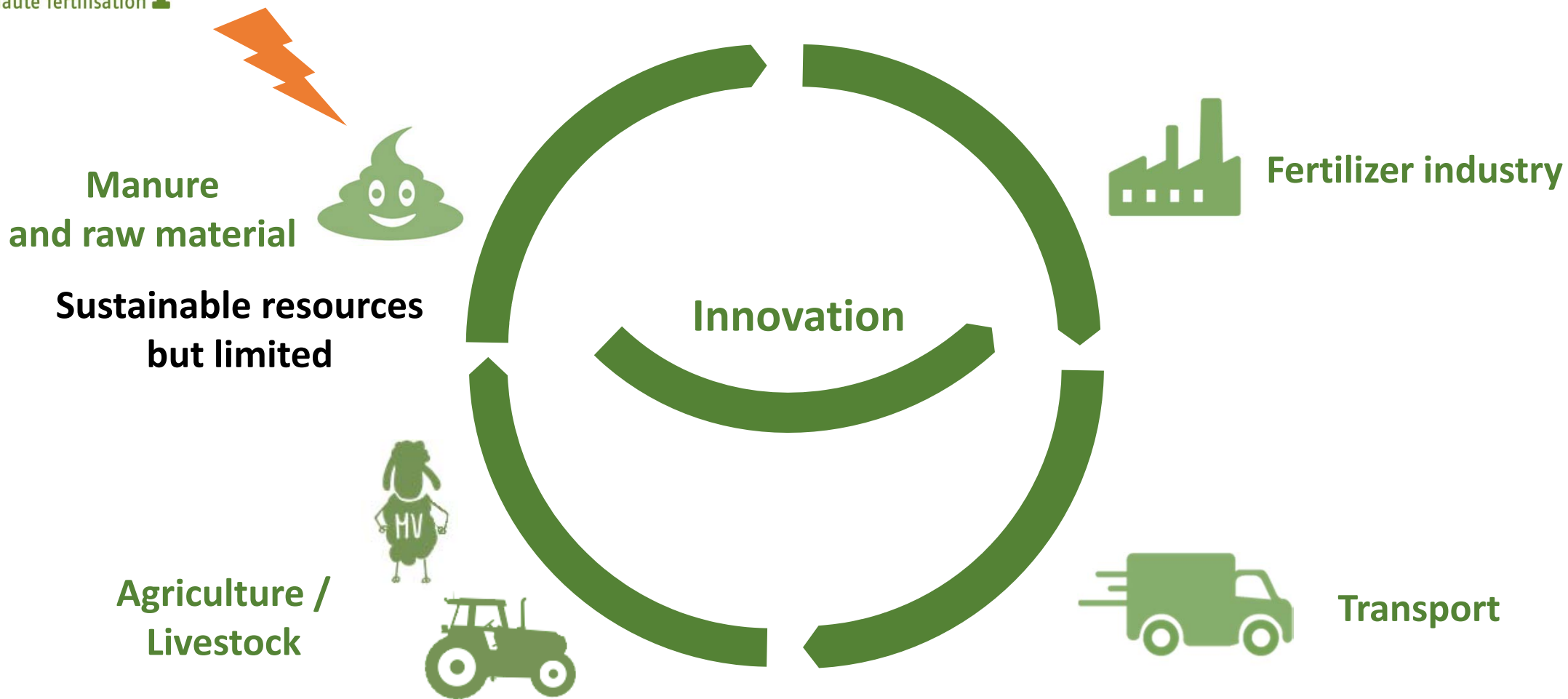
➔ **Optimize the production**



2 200 m² of solar panels:

- Electricity production big enough for a year of activity

Dealing with limited resources drives innovation



Circular economy forces us to innovation

active ingredient

MV100	Ov
Dopactif	Ov + imis <small>Homologation n° 114-0009</small>
Orstim	imis <small>Homologation n° 114-0009</small>
Kori	imis <small>Homologation n° 114-0009</small>



Ov is OvinAlp's active ingredient. It is made of solid bio fermentation of green organic matters.



Imis is the first natural chelating agent accredited by French Agriculture Ministry and it's an unique amino-acid complex. Assimilation by plant metabolism of primary (N, P & K), secondary elements (Mg, Ca...) and trace elements (Fe, Mn, B, Cu...) is enabled by imis. More efficient than a synthetic chelate for Fe and Mn assimilation.

➔ **Reduce the dispersive use by a better efficiency**



Transport of the end-product



Directly to a distributor



- Trucks engines according



- Eco-driving formation for every trucks drivers

- Reduction of the environmental impact due to a daily truck maintenance thanks to our own mechanic garage

Directly to the costumer



- Reduce costs and transport solution

- No plastic waste due to packaging



Limit the environmental impact



Produce a handy-to-use product with a significant added value



Room temperature granulation without any additive to preserve quality and microorganisms



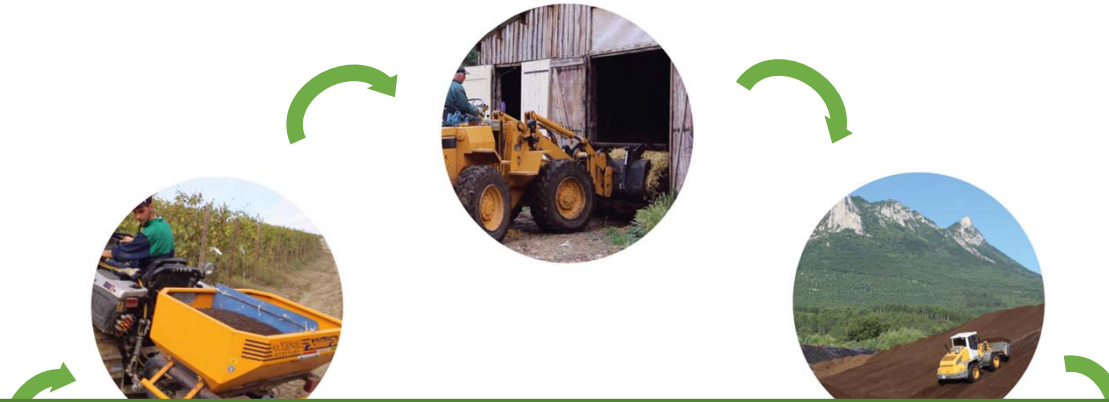
Adaptable pellet diameter according to spreaders and customization of the nutrient solutions according to needs of our customers



➔ **Reduce the impact of our product application**



Circular Economy and product lifecycle



We try to act at every steps of the product lifecycle, everyday, to reduce environmental costs of our activity for a sustainable production and industry





Thanks for your attention !

OvinAlp.fr

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