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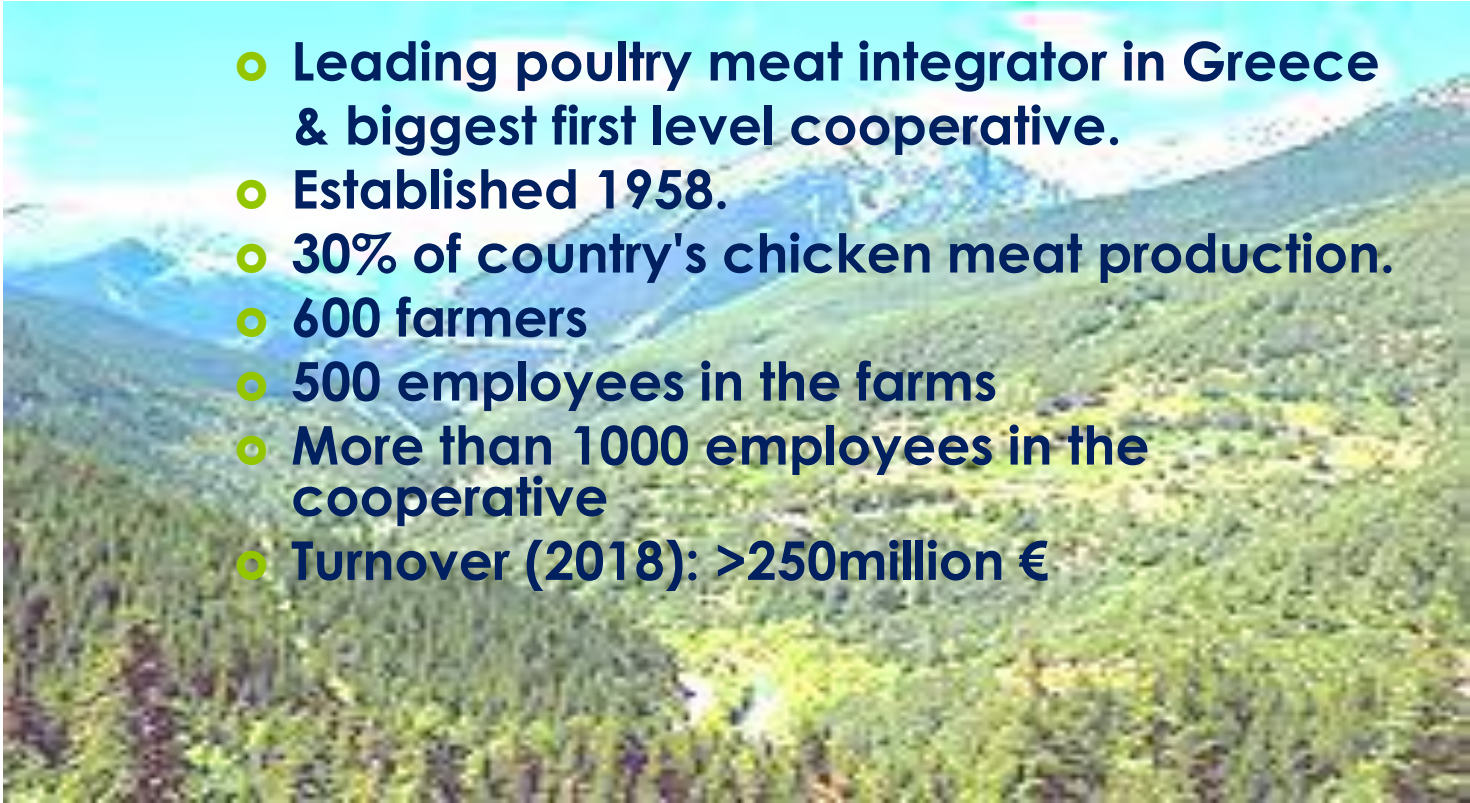
Brussels 24 June 2019

Circular and sustainable business model

**Full valorization of waste for
bioenergy and feed pellets**

Circular and sustainable business model

- Leading poultry meat integrator in Greece & biggest first level cooperative.
- Established 1958.
- 30% of country's chicken meat production.
- 600 farmers
- 500 employees in the farms
- More than 1000 employees in the cooperative
- Turnover (2018): >250million €

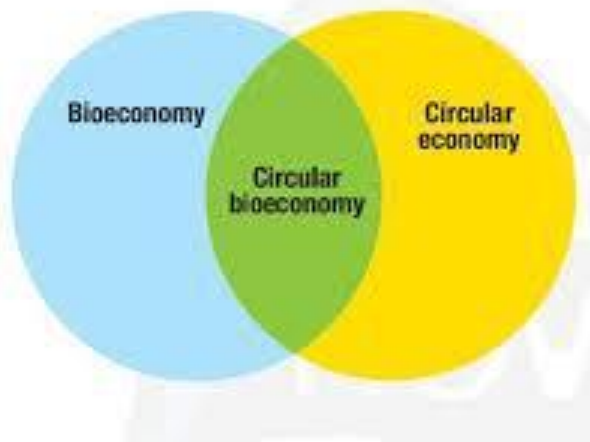


Circular and sustainable business model

- ❖ Presentation of PINDOS main facilities & processes.

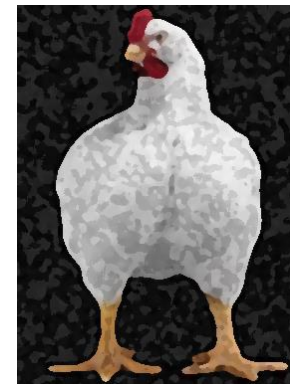


- ❖ Circular bio economy processes.



Presentation of PINDOS main facilities & processes.

- breeder farms
- hatchery
- broiler chickens
- Feedmill



Presentation of PINDOS main facilities & processes.

- Slaughterhouse, meat processing



- Ready to eat chicken products

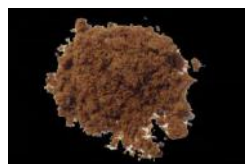
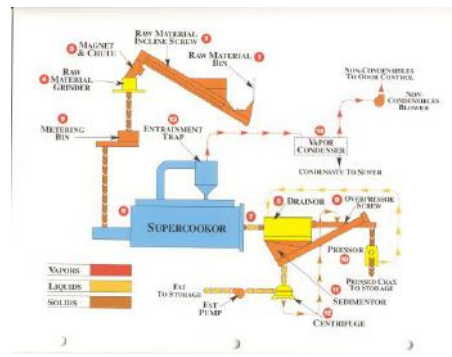


- Waste water treatment plant.

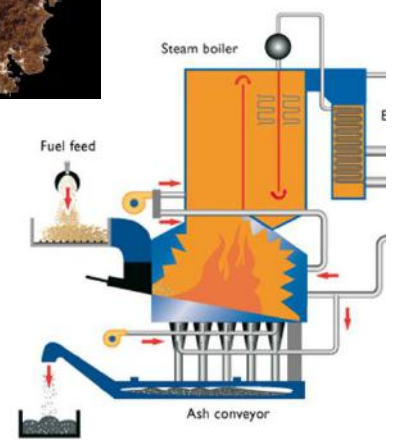


Presentation of PINDOS main facilities & processes.

Rendering unit



Biomass combustion – co-incineration plant (hot water-steam production)



Compost plant



Circular bio economy processes.

Reduction of the impact on the environment is achieved through the use of Best Available Techniques for the managing of producers' farms.



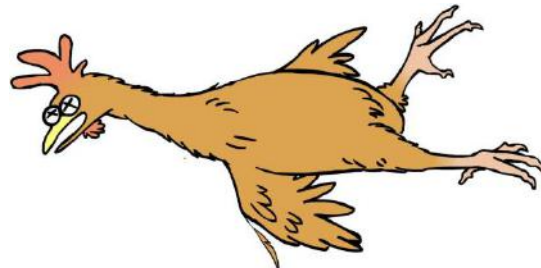
There are two main waste products:

- Chicken Manure



&

- Dead Birds)



Circular bio economy processes.

- Chicken Manure



Compost plant



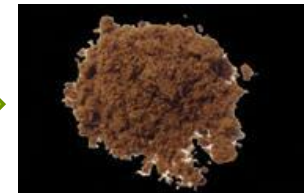
Bio - fertilizer

Circular bio economy processes.

- **Dead Birds (Farm)**

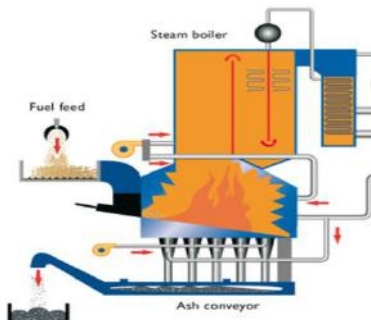


Rendering plant



**POULTRY MEAL
CATEGORY 2**

Co-incineration plant



ENERGY

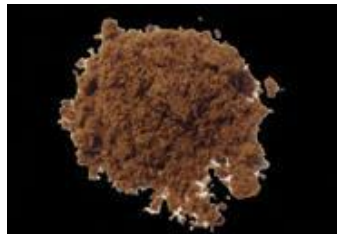


Circular bio economy processes.

Slaughterhouse, meat processing waste



Rendering plant



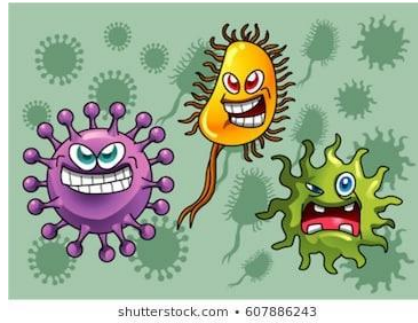
**POULTRY MEAL
CATEGORY 3**



FEED PELLET

Circular bio economy processes.

Greatly reduces the negative impact of poultry farms (viruses, bacteria etc.)



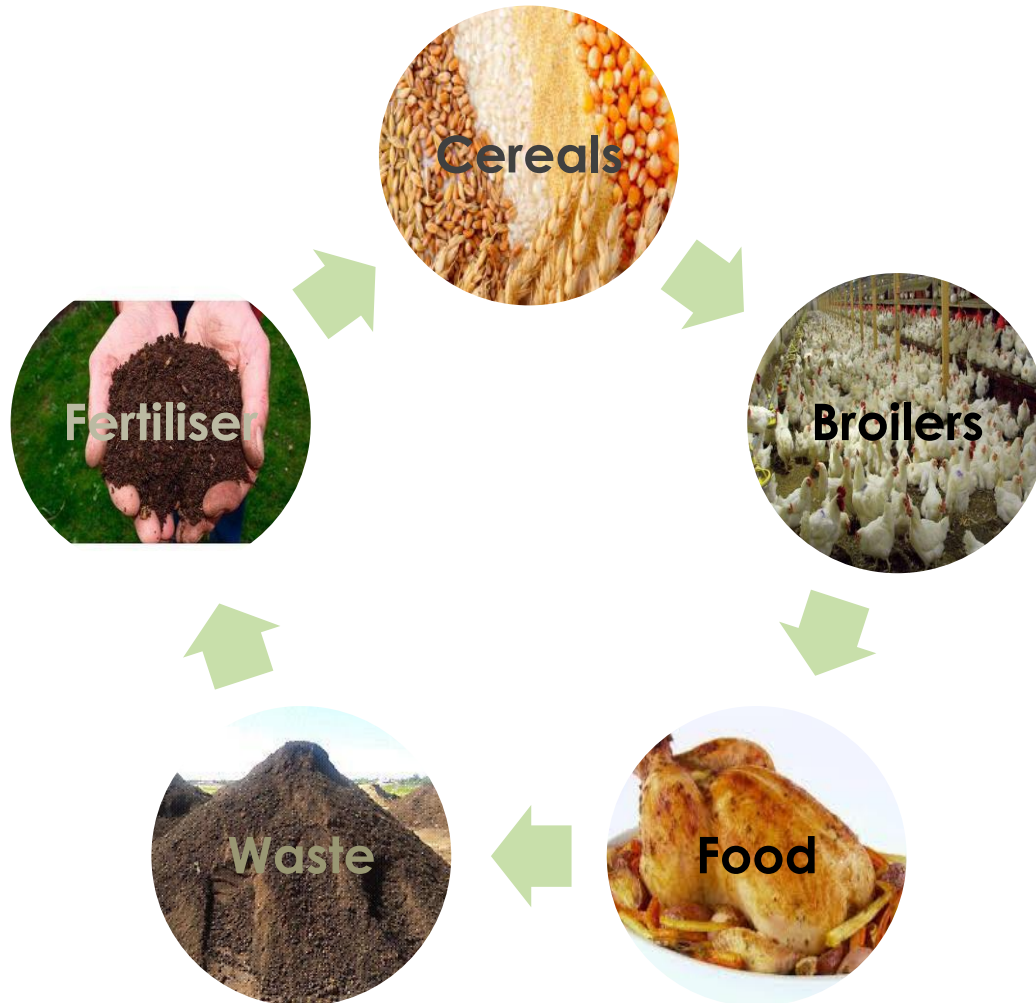
&

Reduces impact on the environment.

(ammonia, nitrates, etc.)



Circular bio economy processes.



Circular bio economy processes.

Future Plan





Thank you for your attention!

