

HexaDryer: Solar Powered Food Waste Conversion

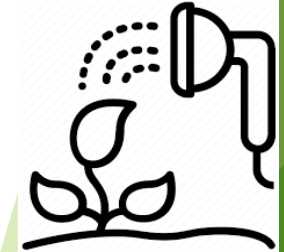
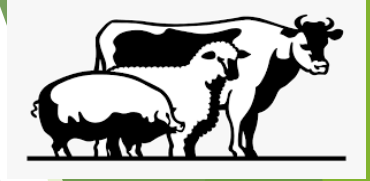
Solar, Sustainable Agriculture, Food Waste, Agrivoltaics, Thin-film Photovoltaics

Problem: In the US, 40% of all food produced goes to the landfill

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133 billion pounds/year

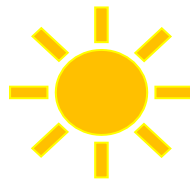
Solution: The HexaDryer uses **solar** energy to convert food waste into useable products for the agriculture industry and reclaim water.



Advantages

100% Solar Powered

- Thin film and crystalline silicon photovoltaics



Converts Waste

- Fertilizer
- Livestock feed

Manages Waste

- Reduce pathogen load
- Reduction in weight by 95%



Recapture Water

- Over 250 gal/ton

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