

# Sustainable agriculture

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*3 March 2021*




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Sustainable agriculture  
is using farming  
practices considering  
the ecological cycles.



# Sustainable farming methods



1. Make use of Renewable Energy Sources
2. Integrated pest management
3. Hydroponics and Aquaponics
4. Crop rotation
5. Polyculture Farming
6. Permaculture
7. Avoid Soil Erosion
8. Crop Diversity
9. Agroforestry
10. Food Forests
11. Natural Pest Eliminators
12. Biodynamic Farming
13. Managed Grazing
14. Save Transportation Costs
15. Better Water Management
16. Removal of Weeds Manually
17. Growing Heirloom and Older Varieties
18. Urban Agriculture





# Making use of alternate energy sources

- Solar energy from the sun
- Wind energy
- Geothermal energy from the heat inside the earth
- Hydropower from flowing water
- Ocean energy in the form of wave, tidal, current energy and ocean thermal energy.
- Biomass from plants







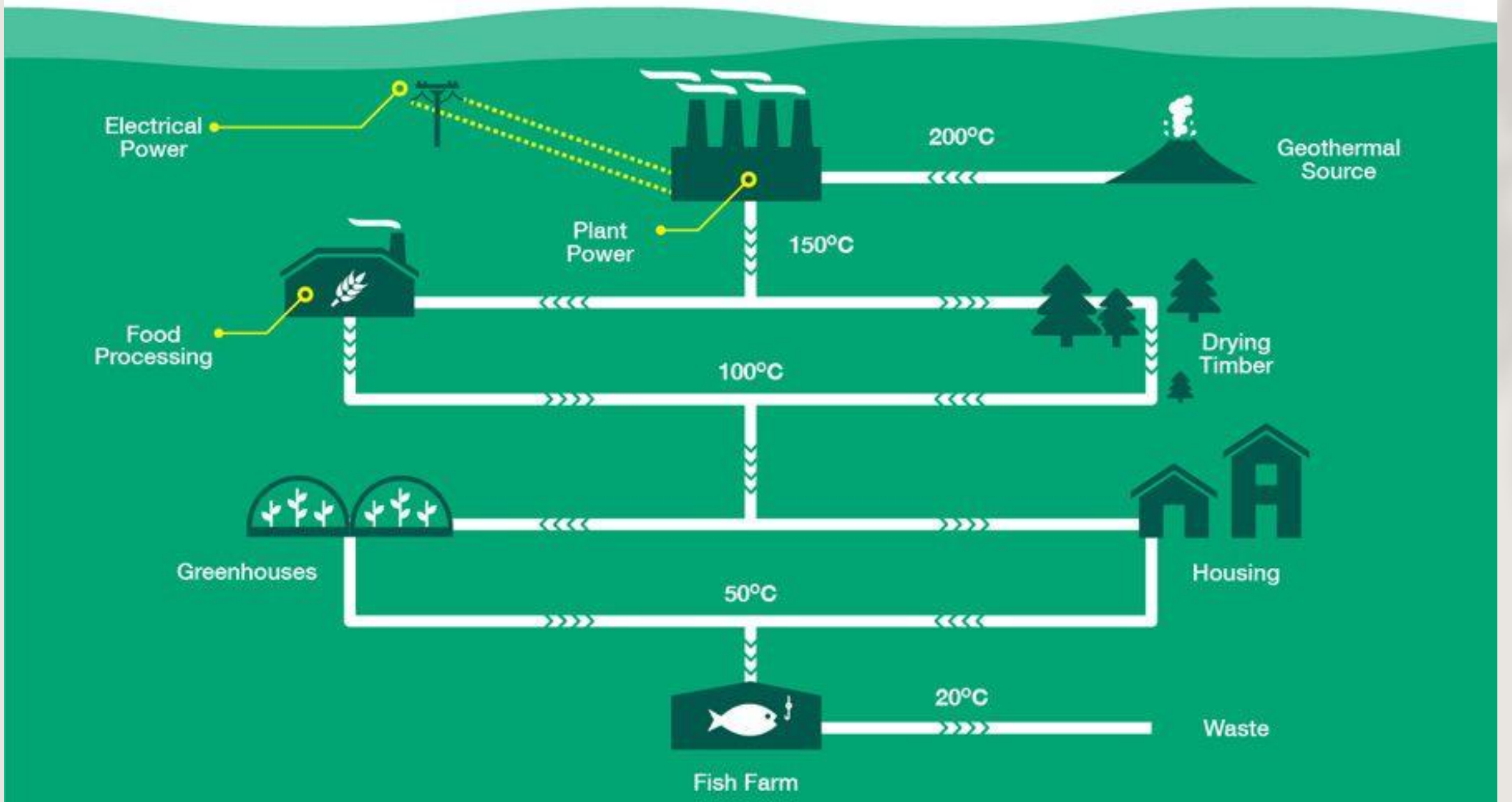
















# Ocean energy: The next big thing in energy

## What is ocean energy?

Ocean energy can provide  
10% of Europe's current electricity needs by 2050.

The oceans are the world's largest untapped source of energy. Ocean energy technologies exploit the power of tides and waves, as well as differences in temperature and salinity, to produce energy.

Tidal stream technologies, wave energy converters and ocean thermal energy conversion (OTEC) are all types of ocean energy.



That's enough to power  
94 million households per year.



Abundant, limitless and  
free energy - right on  
Europe's doorstep.



Ocean Energy  
Europe

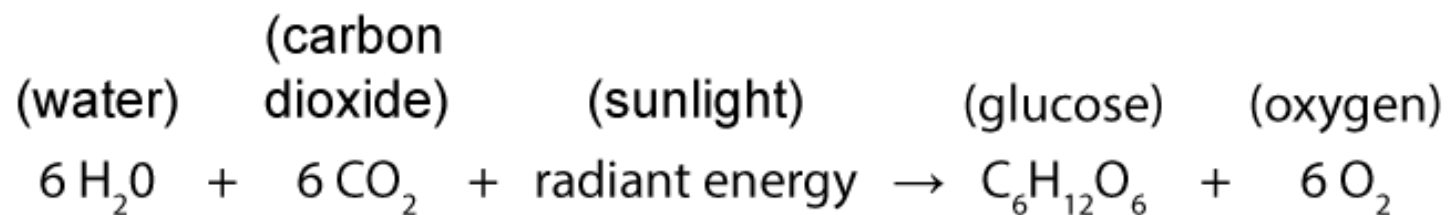


# Photosynthesis



Biomass was the largest source of total annual US energy consumption in the mid-1800.

In the process of photosynthesis, plants convert radiant energy from the sun into chemical energy in the form of glucose—or sugar.



Thank you



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