



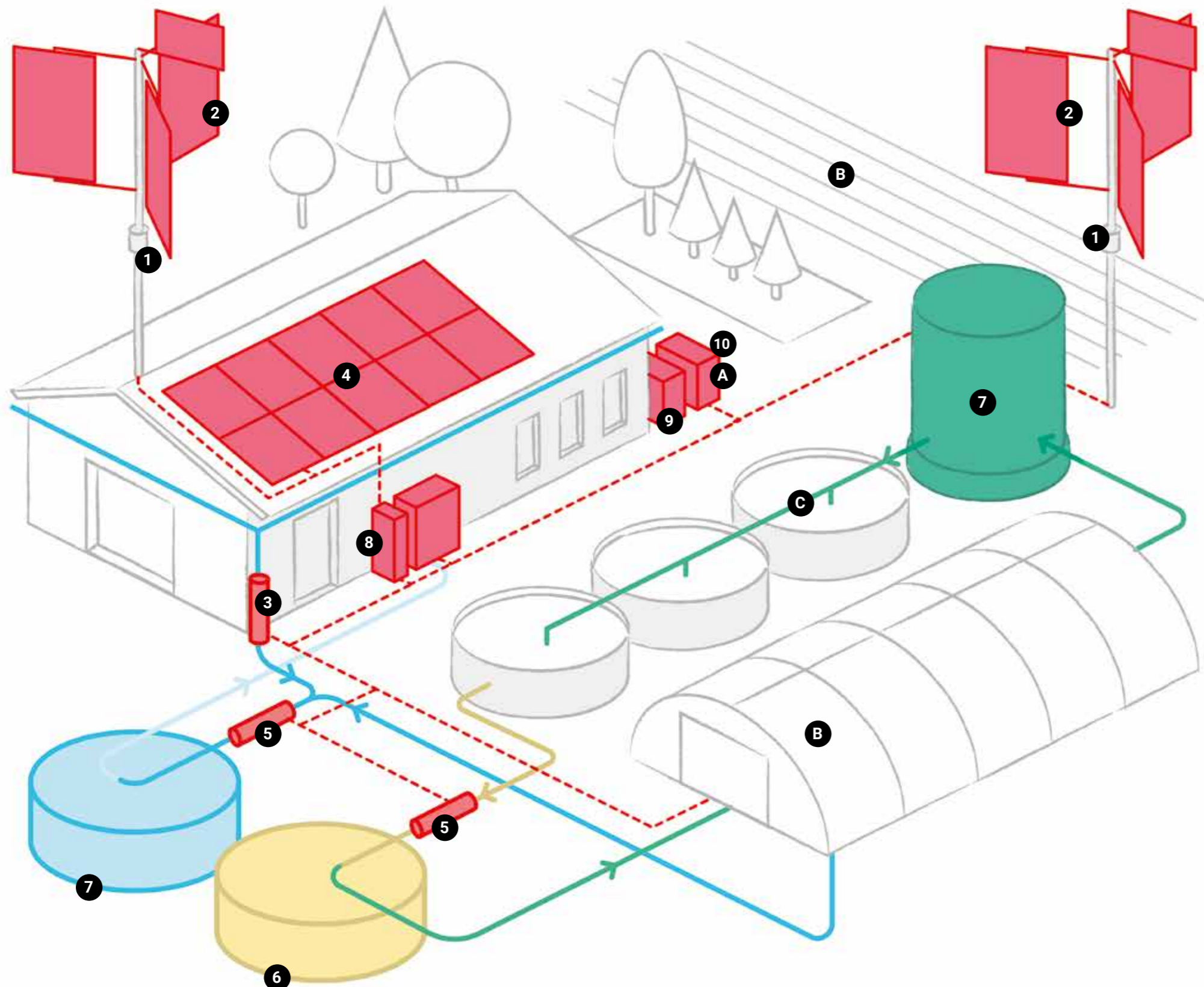
# AQUAPONIC +GREEN ENERGY



**SIMETI**  
WIND ENERGY

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## POWER INDEPENDENT AGRICULTURAL FARM USING RENEWABLES AND AQUAPONIC

### List of Used technologies

- 1 Wind Turbine**  
Boiling Water, Greenhouse Heating, Direct Consumption, Charging LENR Cells, 5-10 kWp
- 2 PV Folio placed on blades of wind turbine**  
Charging LENR cells, 700 Wp
- 3 Water Turbines in Eaves**  
Charging LENR Cells, Rain Water Streamed to Water Treatment, 300 Wp
- 4 PV Panels fitted on the roofs**  
LENR Cells charging, direct consumption, 5-10 kWp
- 5 Water Turbine in Sewerage Pipelines**  
charging LENR Cells, 10 kWp – 300 kWp
- 6 Waste Water Treatment**  
Water Recycling at the Farm, drinking and service water
- 7 Water Treatment**  
Service water for house, garden and greenhouses, drinking water for house
- 8 LENR Cells – Battery Storage**  
Charging of external and portable devices
- 9 Back-up generator**  
15 - 20 kW
- 10 Central Electronic Management System**

### Aquaponic technology

- A Covered operating costs: electricity, gas, water**
- B Vegetable planting**
- C Fish breeding and feeding**

- - - electricity
- rain water
- drinking water
- waste water
- service water