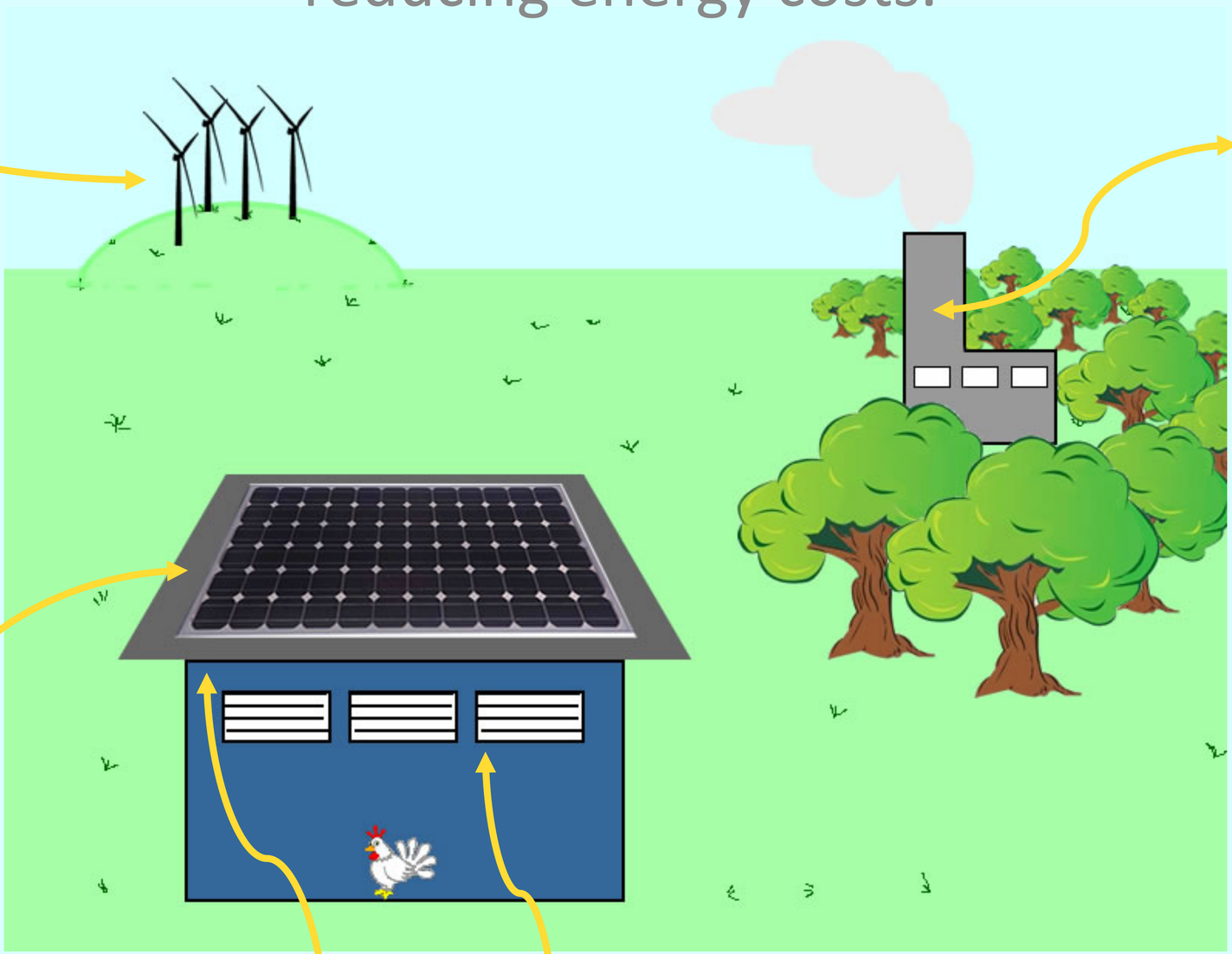
Sustainable Chicken Farming

Making your chicken coops more sustainable and reducing energy costs.



WIND:

1 Large GE 1.5MW Turbine
- Large energy producer at high speeds
- Most advanced and #1 in use around the world
- Best customer service and assistance

3 Smaller Bergey 10kw Turbines
- Lower start up speed
- More efficient at lower speeds
- Auto shut-off in high winds
- Extra power can be stored in a battery system

Save ***$500,000*** a year

SOLAR:

Active System
- Generate electricity using solar rays
- Produce 90kw under the best solar condition per panel of 36 PVC cells

Passive System
- Warm water using solar rays
- Warm the chicken coop using the supplied warm water

Save ***$500,000*** a year

BIO-MASS:

- Generate electricity by burning waste product from the chicken coop
- ***Reduce garbage*** and waste product by ***90%***

Save ***$1.8 million*** a year

TOTAL COST / SAVINGS:

Implementing renewable energy sources saves the farm ***$2.8 million per year*** in heating/cooling costs, and electricity.

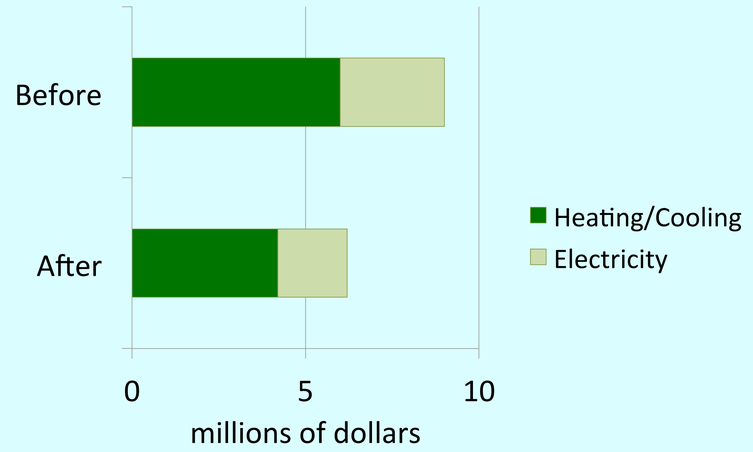
INSULATION:

- Combination of cellulose and polyurethane insulation
  - Cellulose –85% post-consumer recycled newspapers
  - Polyurethane –recycled PET (plastic soda bottles)
- ***Reduces energy*** usage for heating and cooling ***by 8-10%***

VENTILATION:

- System automatically closes and opens based on inside and outside temperatures
- Increases health and productivity of chickens
- ***Reduces energy*** usage for cooling ***by 4-5%***

ENERGY COSTS PER YEAR:



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