

Striking a Balance in Renewable Energies

By Harjote Singh and Nicholas Allair

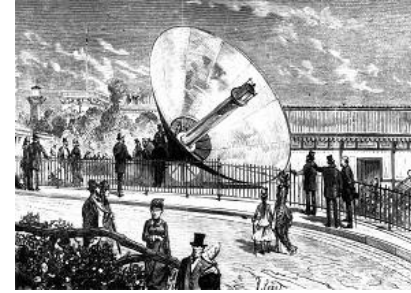
History



300 B.C.
Watermills in Greece
are used to grind grain



500
Persians use windmills to
grind grain and pump water



1866
First solar powered steam
generator is built



2900 B.C.
Egyptians use dams for
flood control

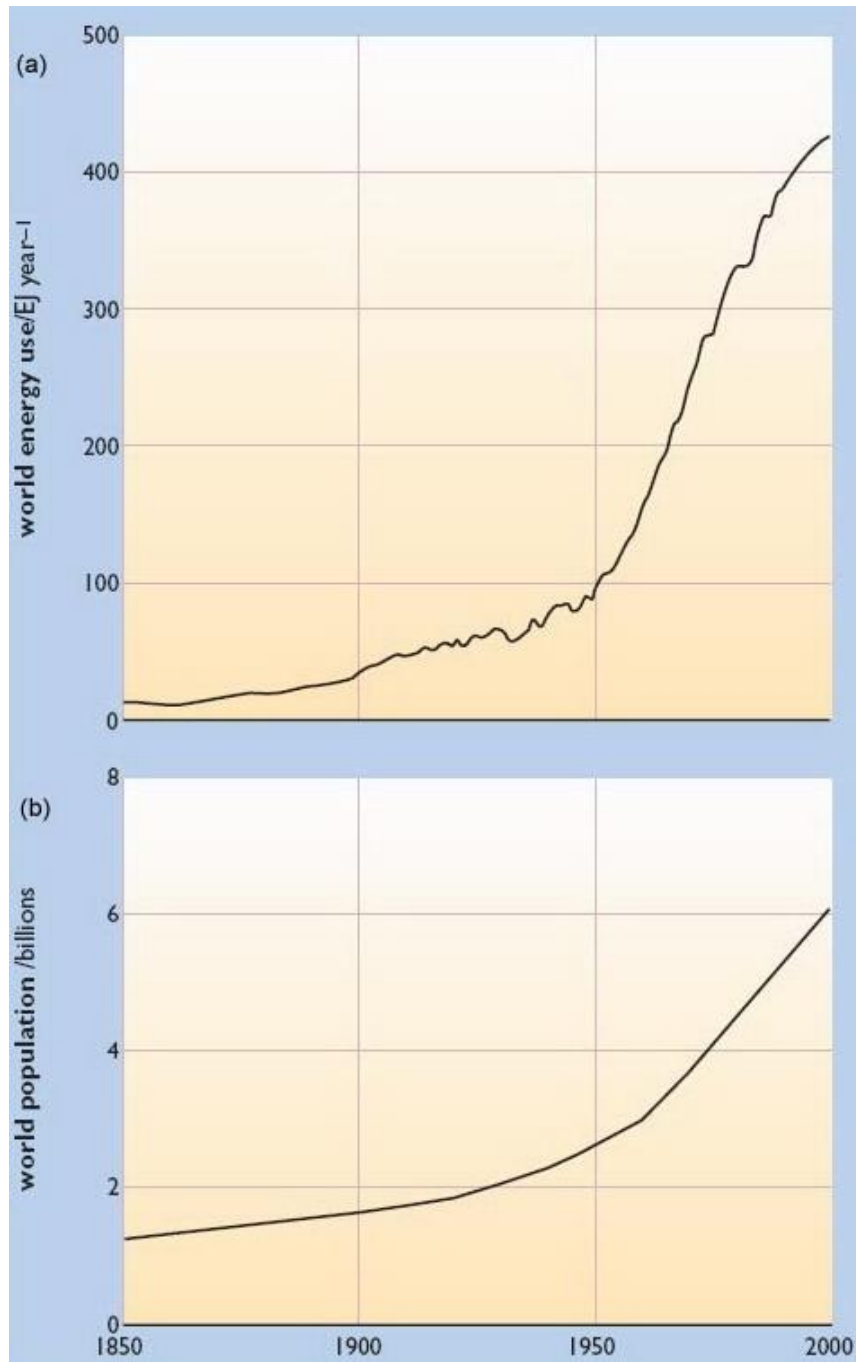


1500
Dutch build windmills to
aid with various tasks



1888
Windmill is used for
electricity generation

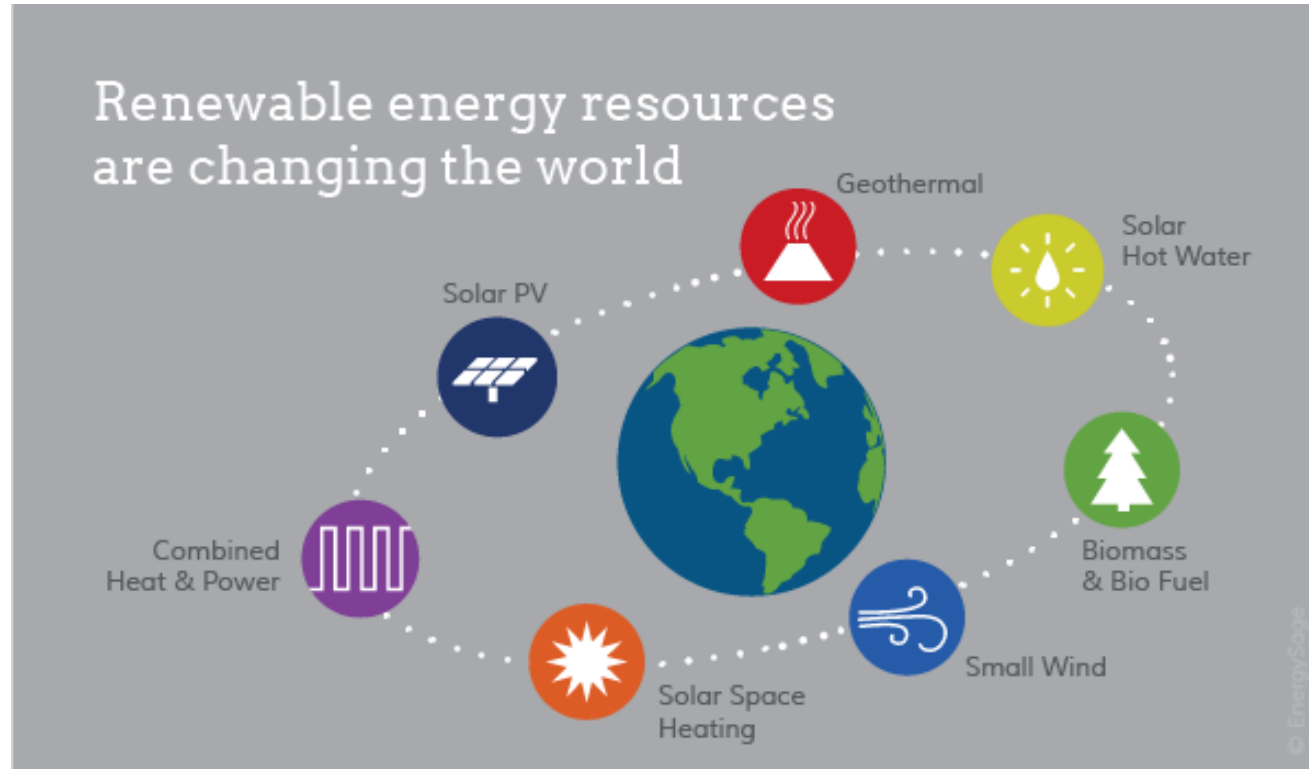


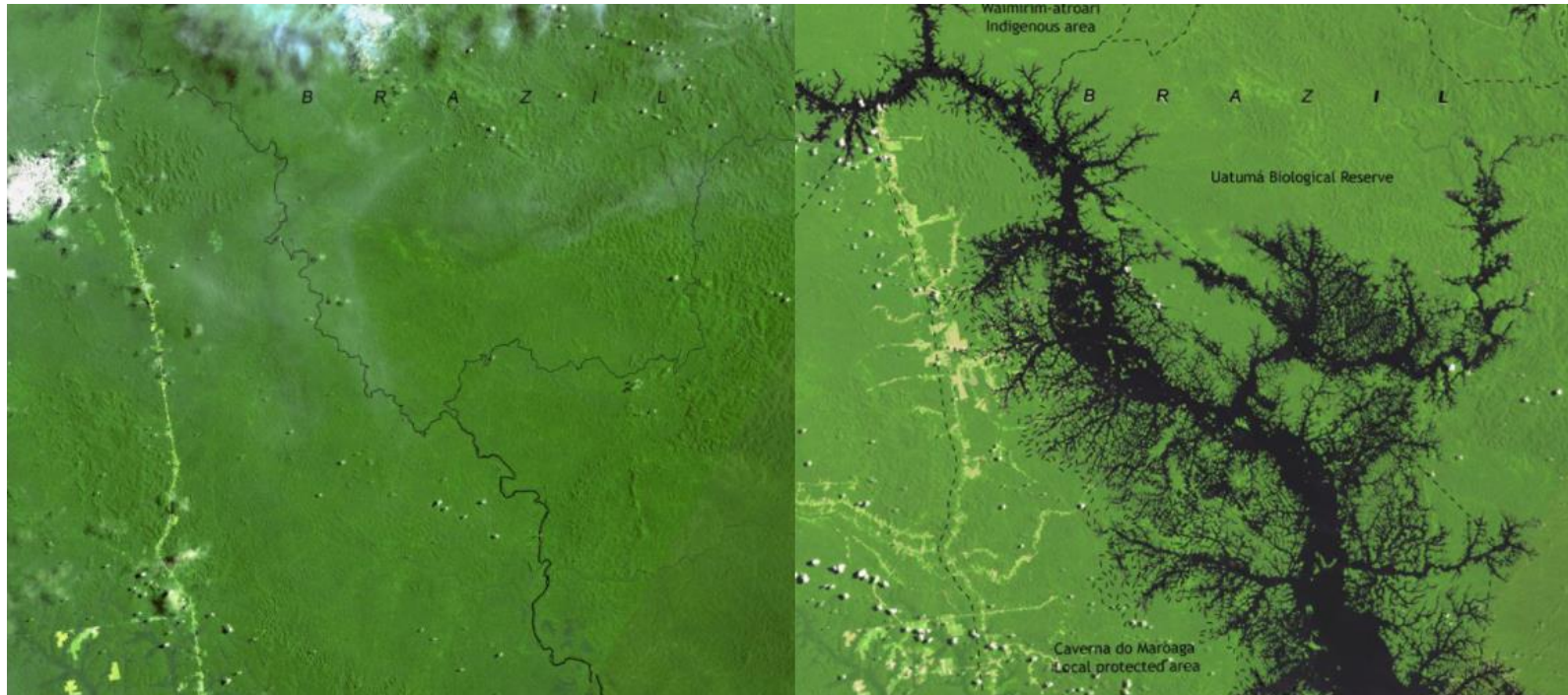


World energy
consumption VS
population growth

Renewable Energy Resources

- ▶ Water
- ▶ Solar
- ▶ Wind
- ▶ Biogas
- ▶ Geothermal





Balbina Dam, Brazil



Ivanpah's Concentrating Solar Power Plant





Pincher Creek Wind Farm

Where and when should these methods
be implemented?