WWS Generation

WWS electricity generation
  Onshore/offshore wind
  Distributed/utility PV
  CSP
  Geothermal electricity
  Hydroelectricity
  Tidal & wave electricity

WWS heat generation
  Solar heat
  Geothermal heat

WWS Grid

Transmission/distribution
  AC/HVAC/HVDC lines
  Distribution lines
  Grid management
    Software
    Demand response

Grid interconnection
  Among WWS generators
  Among regions/countries

WWS Storage

Electricity storage
  Batteries
  CSP storage
  Pumped hydro storage
  Hydropower reservoirs
  Flywheels
  Compressed air
  Gravitational storage
  Grid hydrogen storage

District heat storage
  Water tanks
  Boreholes
  Water pits
  Aquifers

District cold storage
  Water tanks
  Ice
  Aquifers

Building heat storage
  Water tanks
  Thermal mass

Industrial heat storage
  Firebricks

Non-grid H_2 storage
  Hydrogen storage tanks

WWS Equipment

Building & district air/water heating
  Electric heat pumps

Building and district cooling
  Electric heat pumps

Industrial heat
  Arc/induction/resistance furnaces
  Dielectric/electron beam heaters
  Electric heat pumps/solar heat

Hydrogen generation/compression
  Electrolyzers/compressors

Transportation vehicles
  Battery-electric
  Hydrogen fuel cell-electric

Some appliances/machines
  Electric induction cooktops
  Electric leaf blower/lawn mowers
  Heat pump washers/dryers/dishwashers

Some green H_2 industrial processes
  Ammonia production
  Steel production

Efficiency/reduced energy use
  Insulate/weatherize buildings
  LED lights/efficient appliances
  Telecommute/public transit