### WWS Generation
- WWS electricity generation
  - Onshore/offshore wind
  - Rooftop/utility photovoltaics
  - Concentrated solar power
  - Geothermal electricity
  - Hydroelectricity
  - Tidal & wave electricity

### 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 H₂ 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
  - Heat pumps/CSP steam

- 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 clothes dryers

- Some green H₂ industrial processes
  - Ammonia production
  - Steel production

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

### WWS Grid
- Transmission/distribution
  - AC/HVAC/HVDC lines
  - Distribution lines
  - Grid management
    - Software
    - Demand response
  - Interconnecting
    - WWS generators on grid
    - Regions/countries