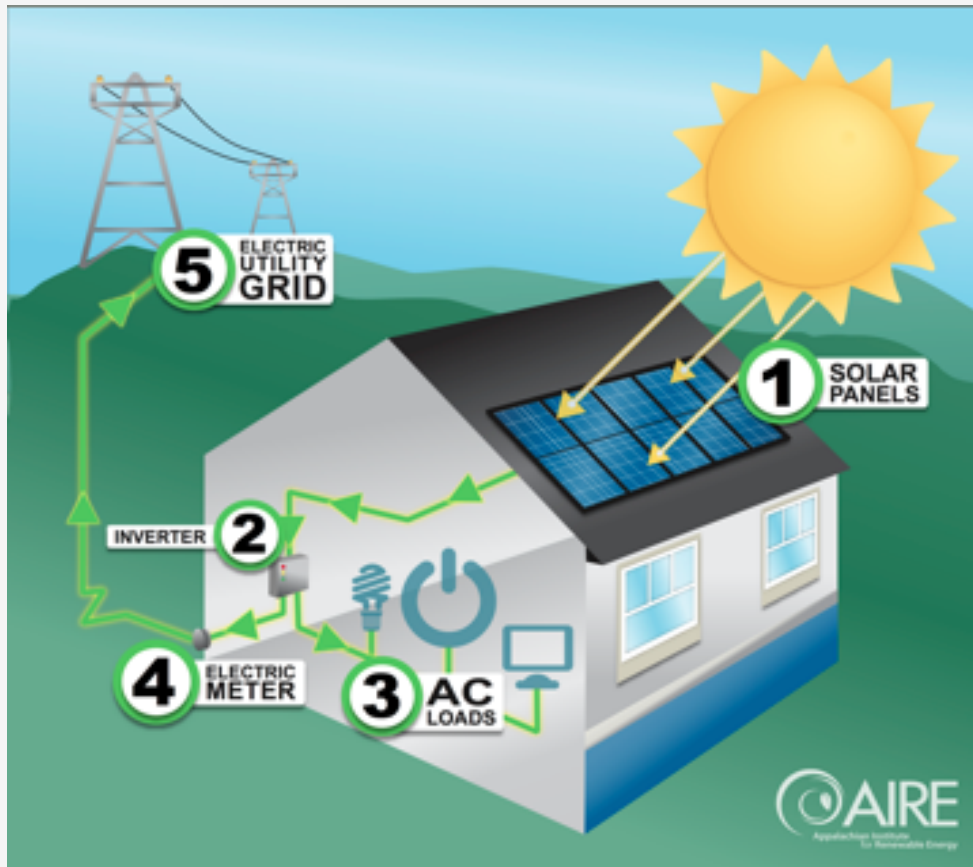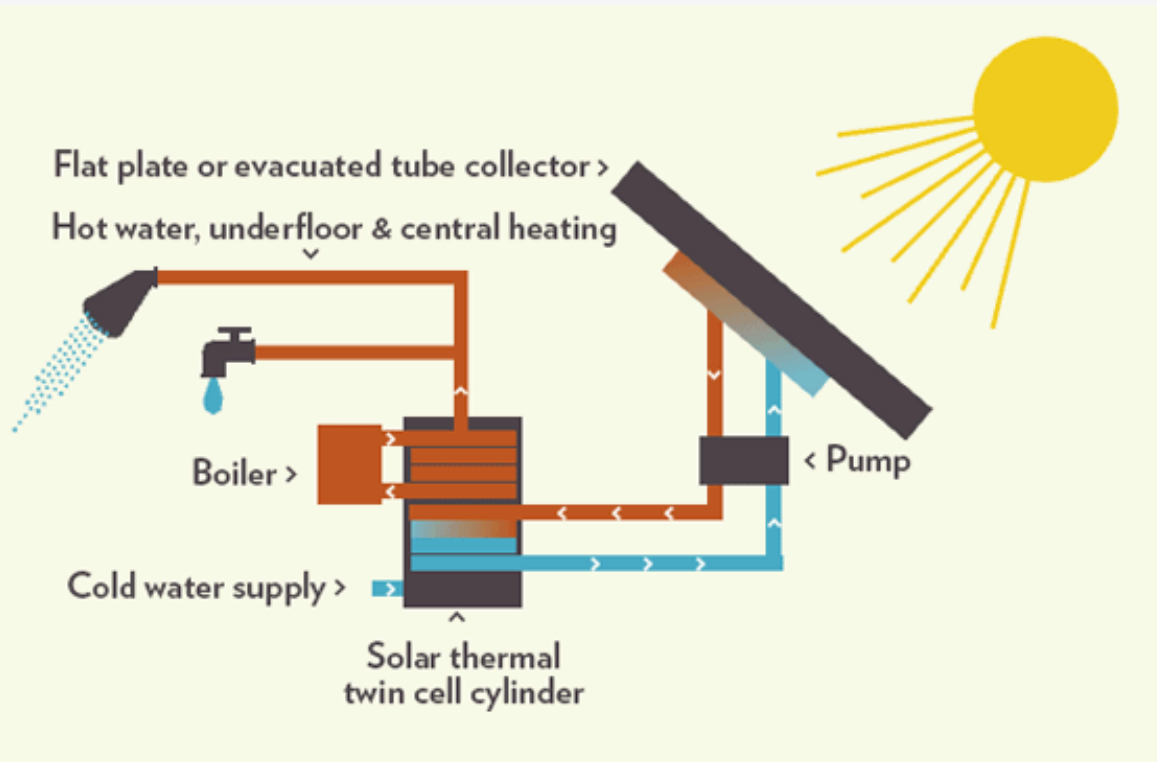# Solar in SWVA

➔ Solar Technologies

➔ Utility-Scale & Distributed/Community Solar

➔ Project Finance

➔ Policy & Regulatory

Solar Photovoltaic (PV)

➔ Electricity
➔ use on-site
➔ use some; sell surplus
➔ export to the grid

Solar Thermal

Flat plate or evacuated tube collector >
Hot water, underfloor & central heating
Boiler >
< Pump
Cold water supply >
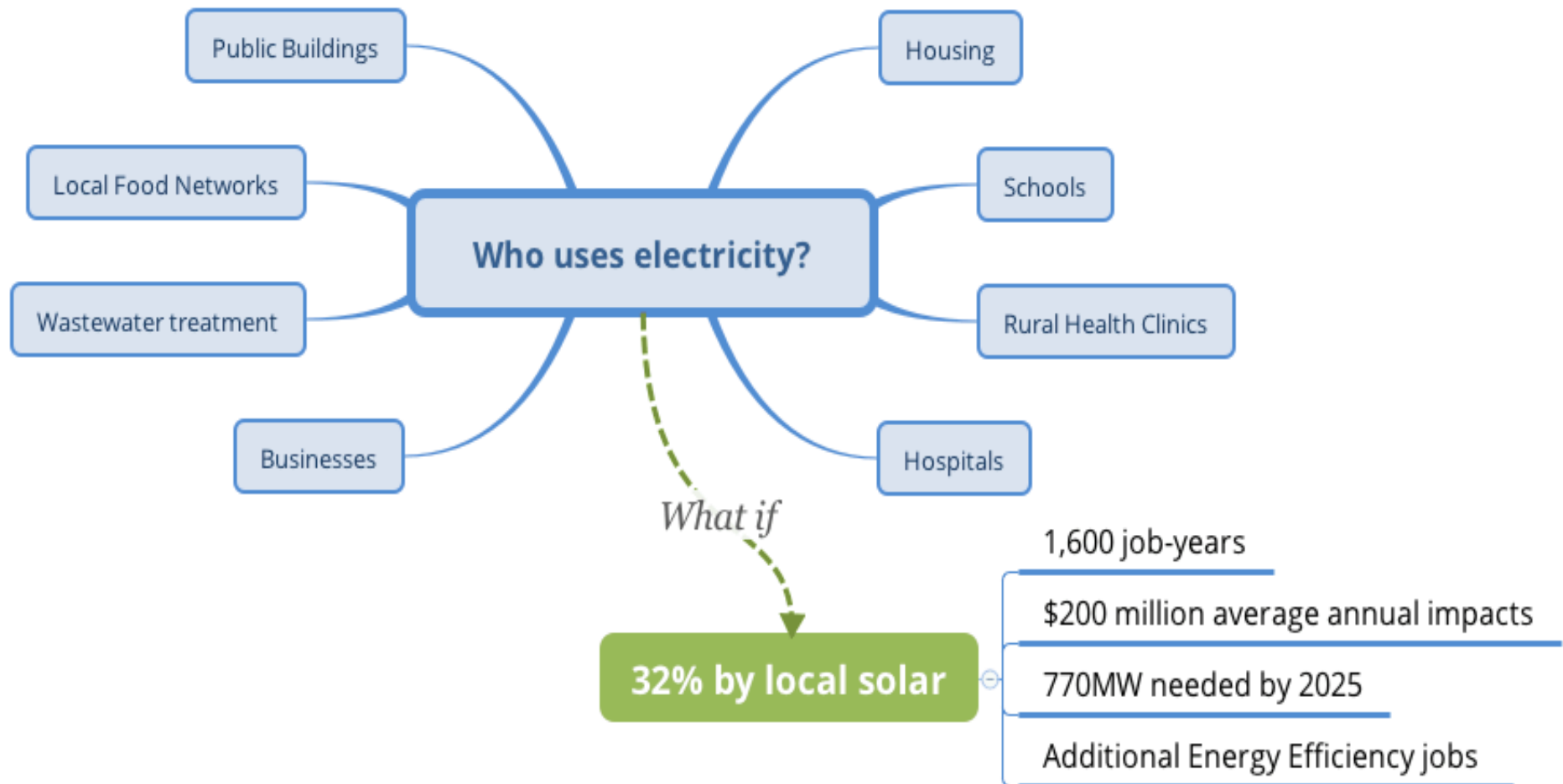Solar thermal twin cell cylinder

➔Heat
➔ domestic hot water
➔ space heat

Utility-Scale & Community Solar

Distributed/Community Solar

Project Finance

→ economic case for solar

- ◆ capture value between cost of solar & retail rate

→ incentives, loans & grants

→ local authority & mechanisms

→ integrated capital

- ◆ crowd funding, impact investing, PRI, etc.

→ sweat equity

Policy & Regulation

➔ behind-the-meter

➔ net metering

➔ permit by rule

➔ state & local procurement rules

Make the road<u>map</u> by walking