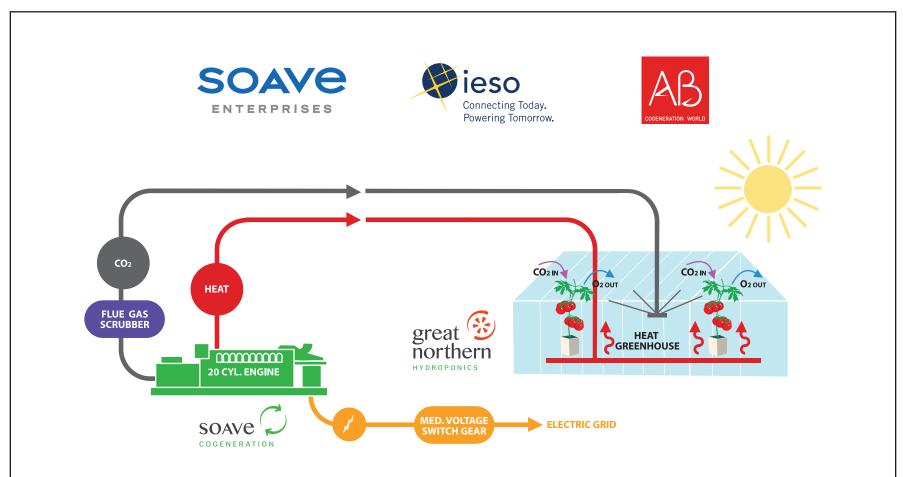
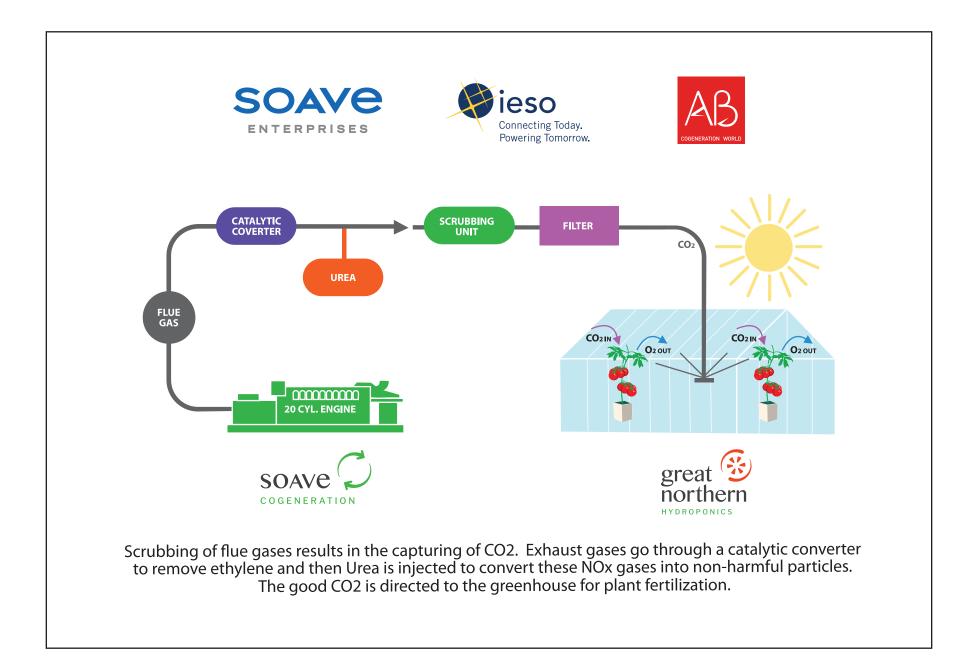
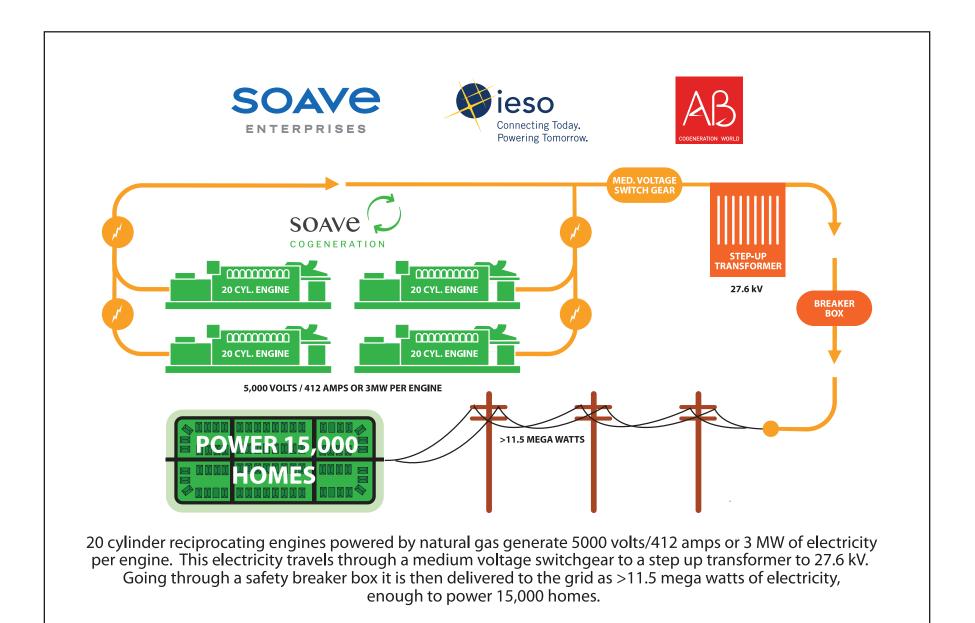


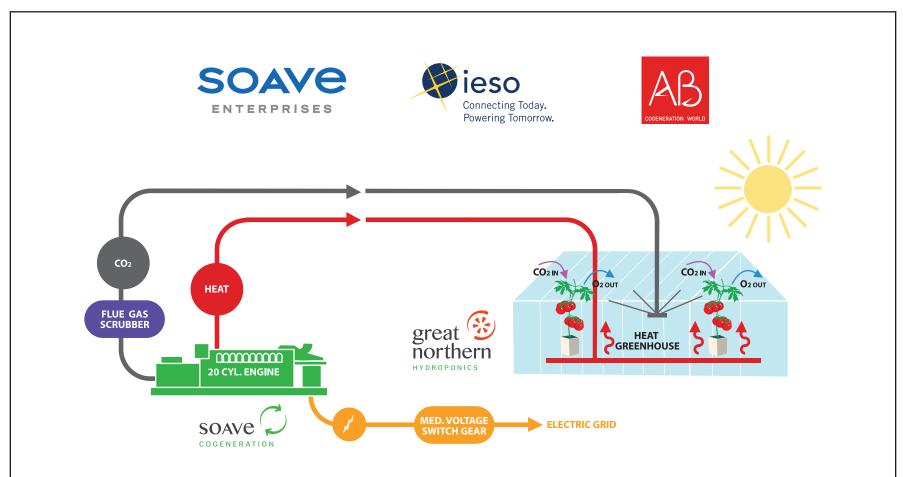
Condensate (distilled water) is collected and later discharged.



Four reciprocating engines powered by natural gas, generate 4 by-products: 1: heat, 2: CO2, 3: electricity and 4: condensate. Exhaust goes to the Flue Gas Scrubbing System where CO2 is extracted which goes to plant fertilization. The heat exchanger draws cold return water from the greenhouse/ hot water storage tanks then picks up the heat generated by the engine. This cools the engine. The high temperature that is harvested then heats the greenhouse. Electricity is generated by way of an alternator where it is then sent to the Medium Voltage Switchgear, transformed & distributed to the grid.







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