

Small Scale CHP

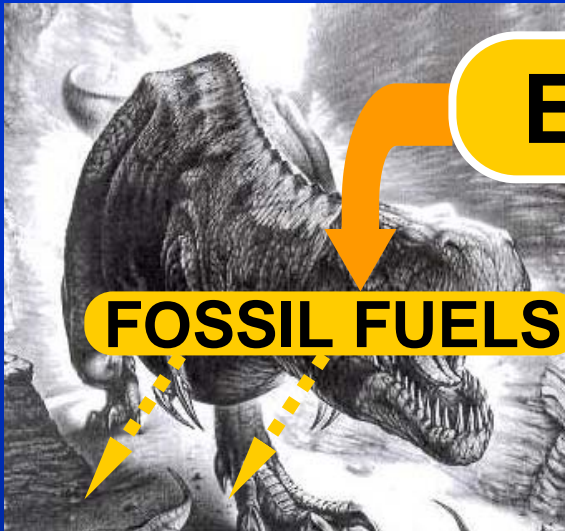
(Combined Heat and Power)

with the

Entropic Power Cycle

TEAM – TechTalks
Globe 2006

Entropic
Energy, Power and Solutions



ENERGY

FOSSIL FUELS



RENEWABLE

Solar

Ocean

Wind

Hydro

Biomass

Direct Energy

Convert to Fuels

Pellets

Syn-gas

Bio-liquid

Large Scale

Small Scale

**Steam
Cycle**

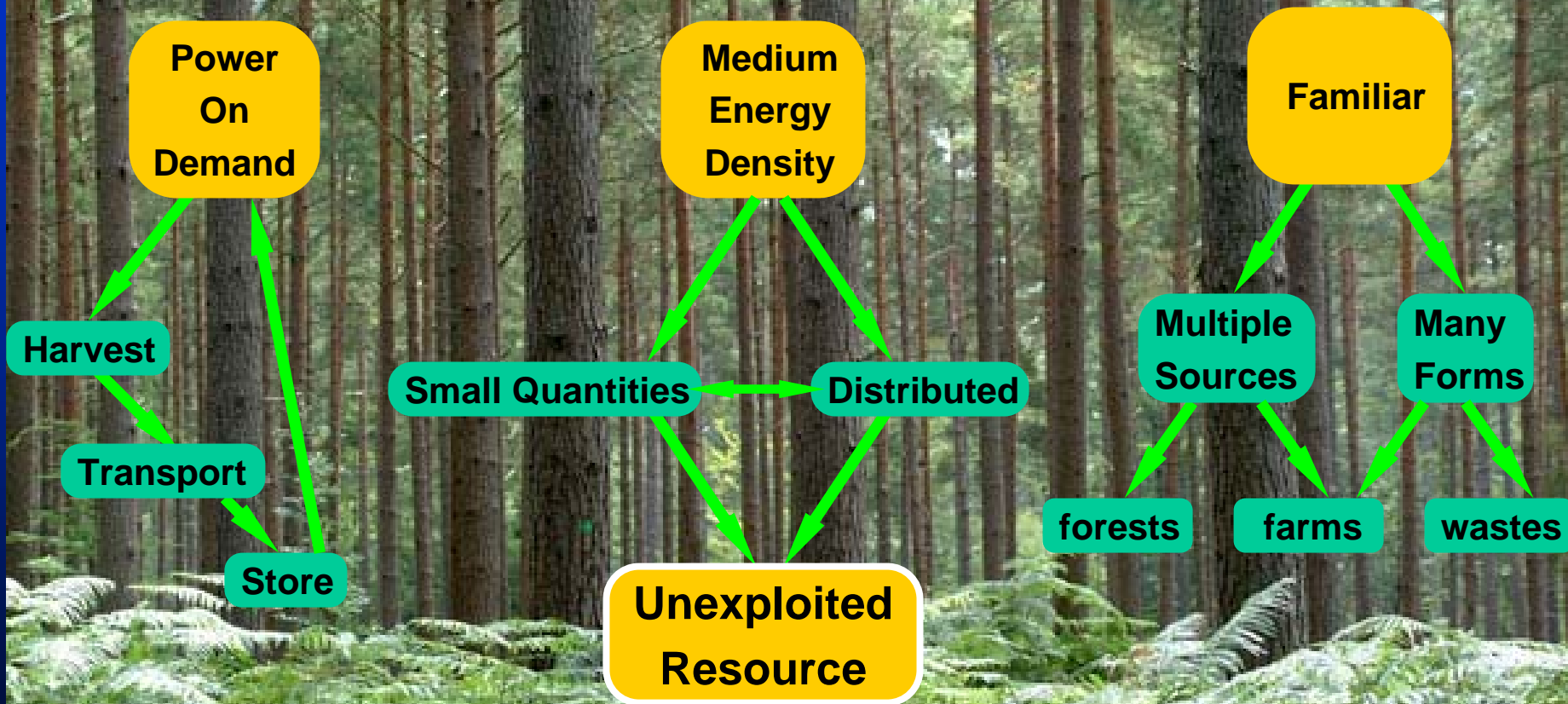
**Organic
Rankine**

**Entropic
Cycle**

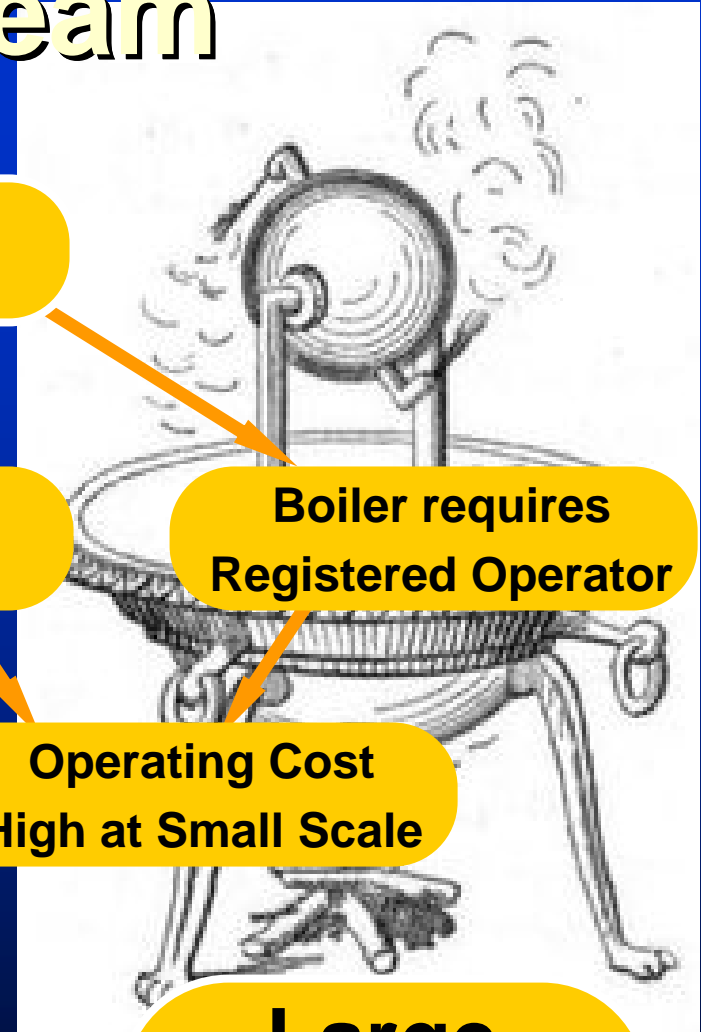
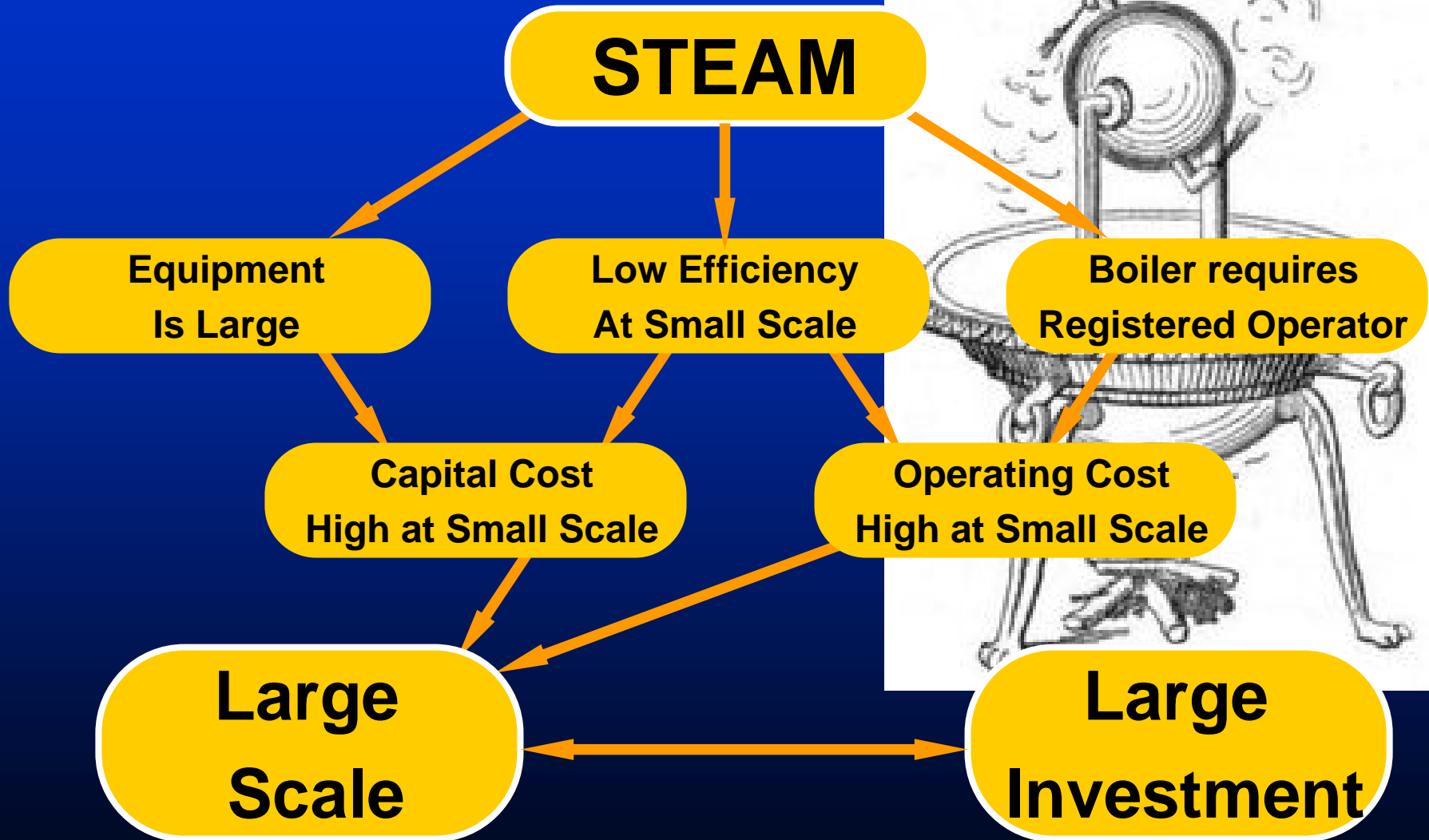
electricity

hot water

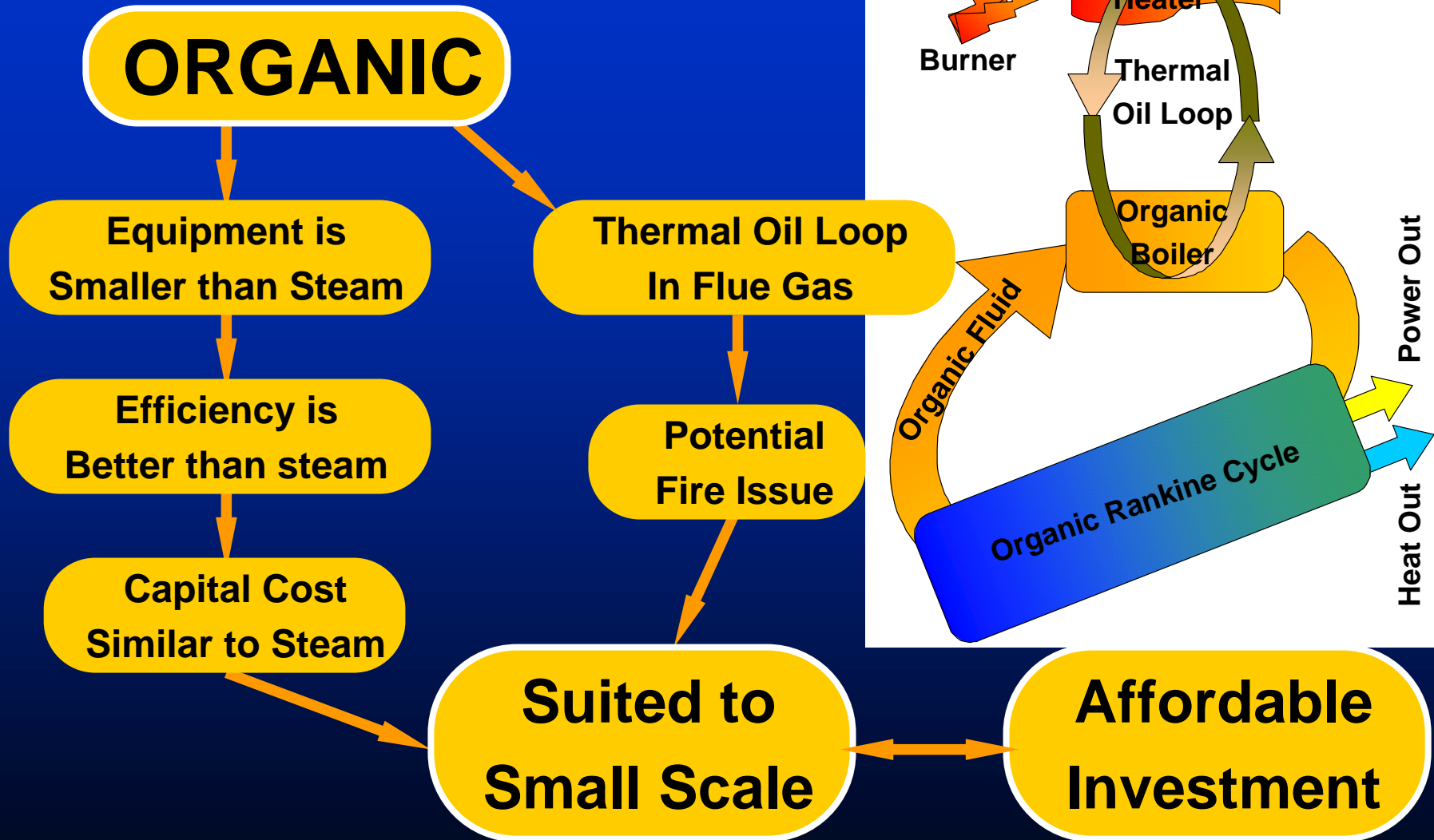
BIOMASS is a FUEL



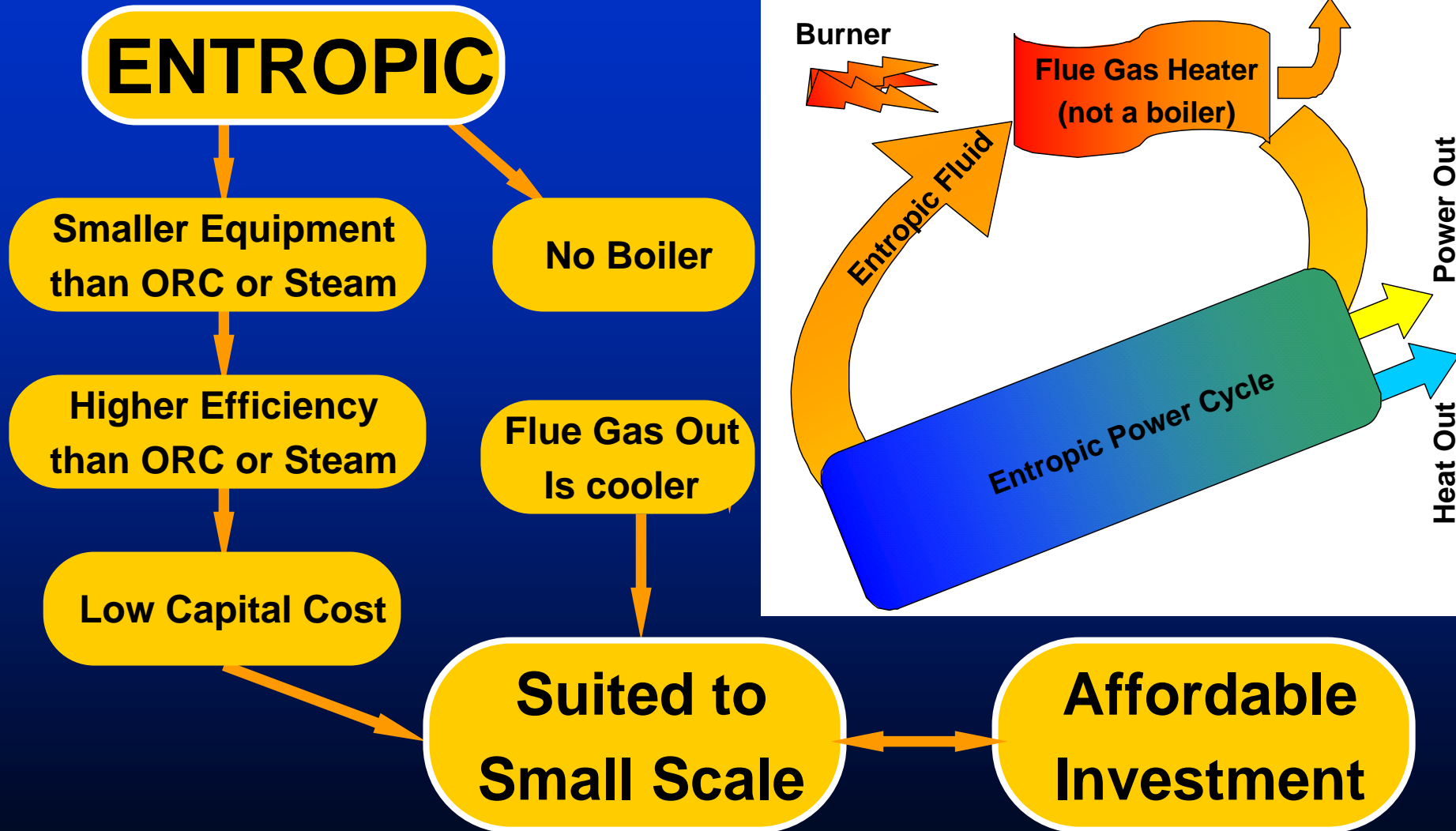
Rankine Cycles - Steam



Rankine Cycles - ORC



Rankine Cycles - Entropic



BioPower Opportunities



Integrated Sawmills

Mill Waste
Hog, sawdust, etc.

Electrical
Power to Mill

Heat for
Lumber Kilns



Village Power

Pine Beetle
Forests

Wildfire
Protection

IPP Ventures

Distributed
Power

Revitalize
Economy