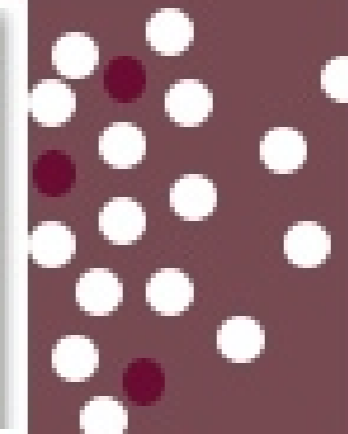


UNIQUE

INTEGRATION OF PARTICULATE ABATEMENT, REMOVAL OF TRACE ELEMENTS AND TAR REFORMING IN ONE BIOMASS STEAM GASIFICATION REACTOR YIELDING HIGH PURITY SYNGAS FOR EFFICIENT CHP AND POWER PLANTS

SEVENTH FRAMEWORK PROGRAMME



SEVENTH FRAMEWORK PROGRAMME THEME ENERGY

WORKSHOP

“Fluidized bed biomass gasification technologies for syn gas and power generation”

Timisoara - July 2, 2010

2 Piata Victoriei, Rectorat building, 1st floor, 8:30-14:00

Details: tel. 0256-403073; fax. 0256-403060; e-mail: alina.dumitre@chim.upt.ro

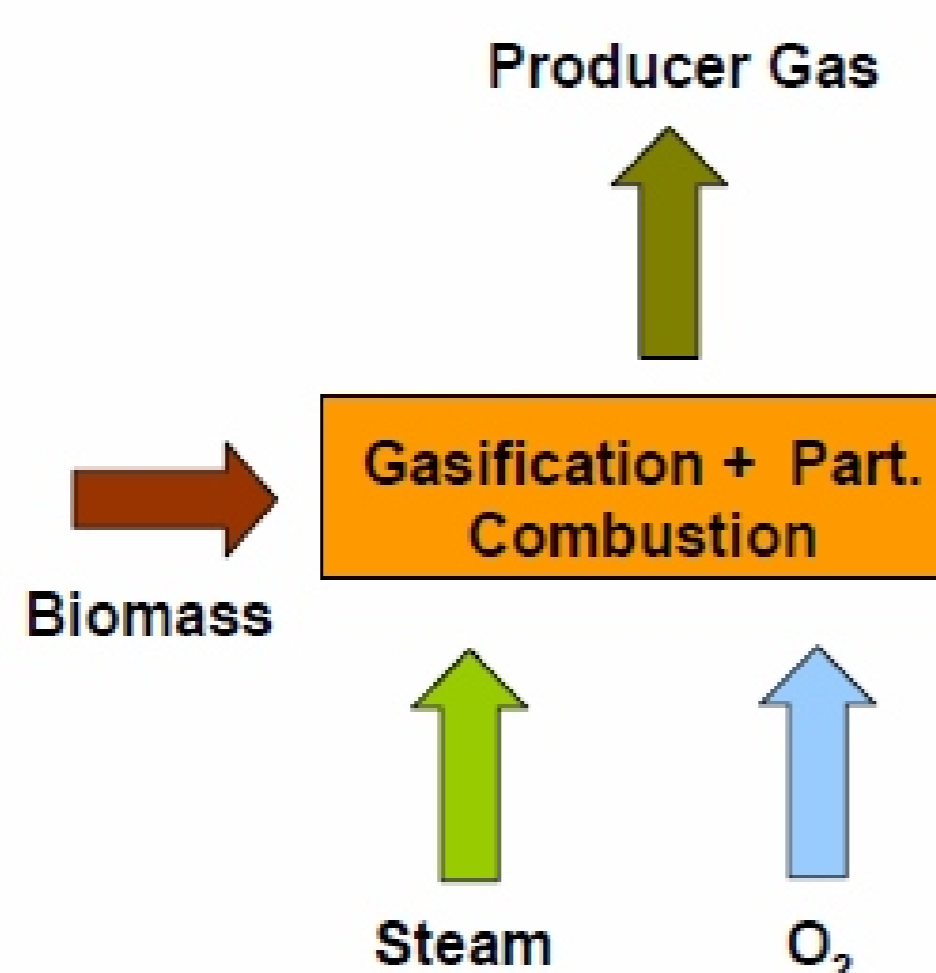
Expected participants:

- Academia, industry, politics

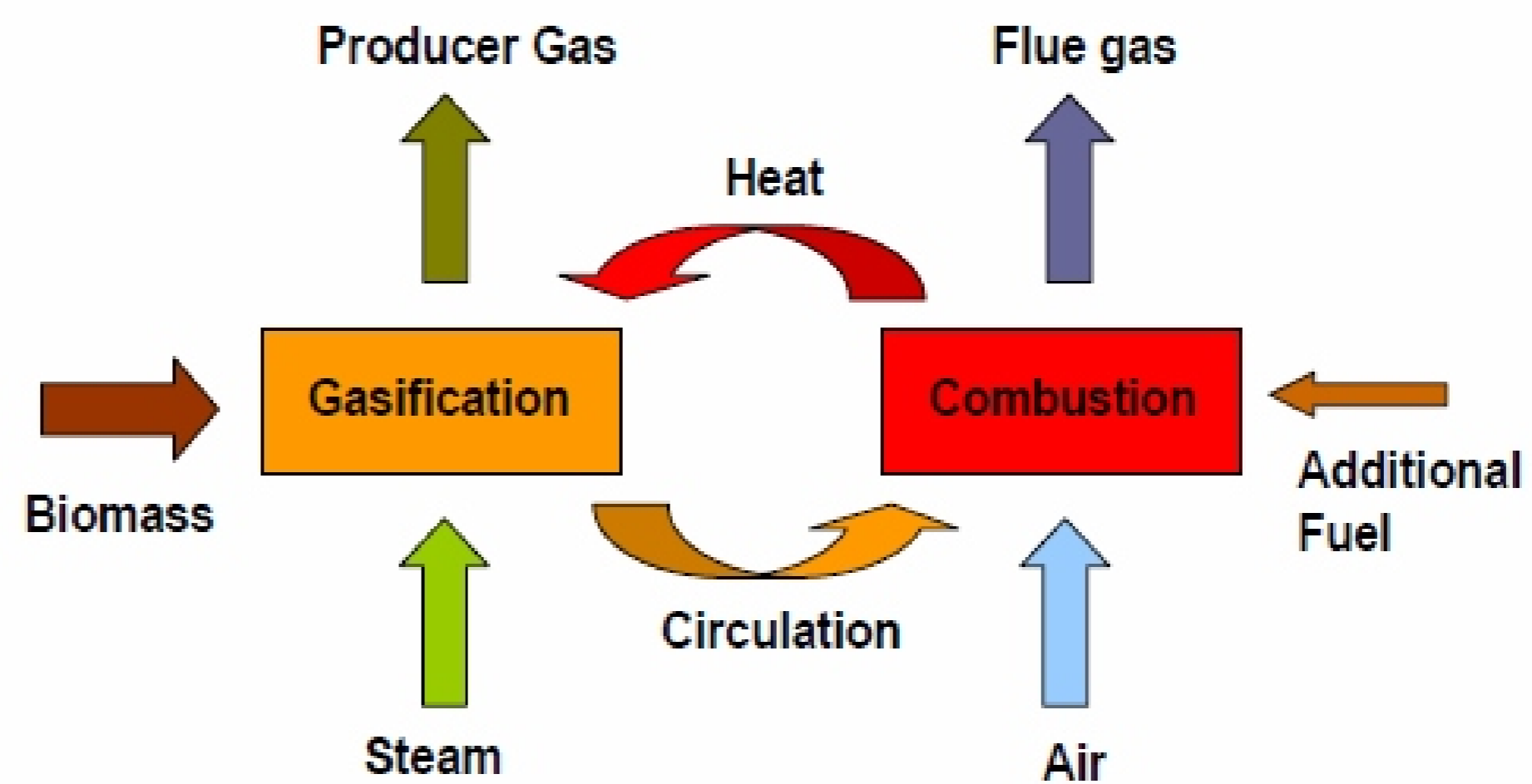
Topics:

- Fluidized bed steam gasification technologies:

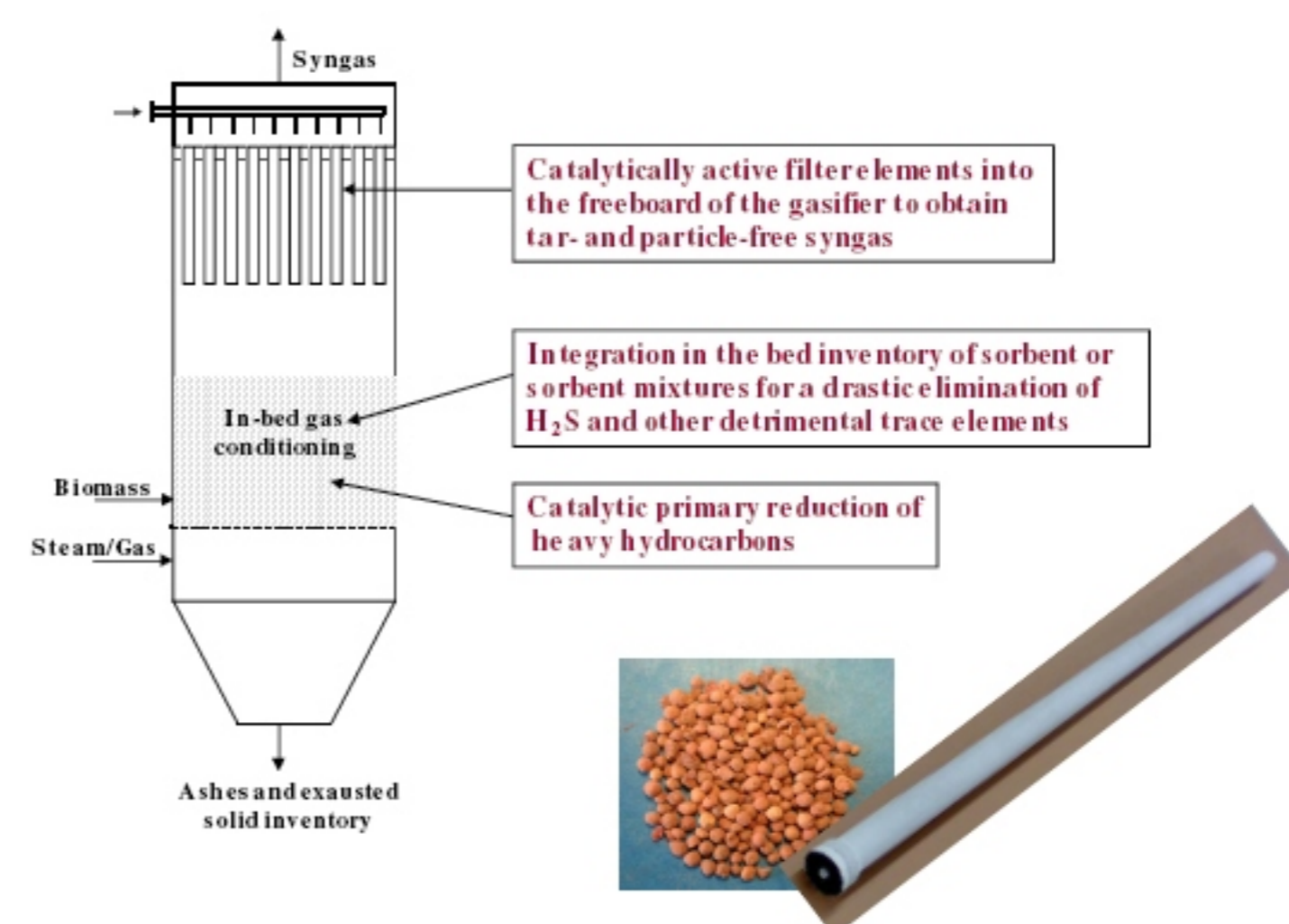
Autothermal Steam Gasification



Allothermal Steam Gasification



- UNIQUE innovative technology (www.uniqueproject.eu):



- syn gas conversion to power (gas engines, fuel cells, ORC);
- success stories – Gussing (Austria) experience;
- investment costs, economics, EU&Romanian support policies.