

Extending Syngas opportunities by “dry thermo-catalytic CH₄ splitting”

Benefits in Economic, Environment, Social

Who are we?



国 [guó]

is the Chinese word for “Nation” and phonetically in English sounds like the imperative: GO !

际 [jì]

is the Chinese word for “Border”; so we have to cross the border!

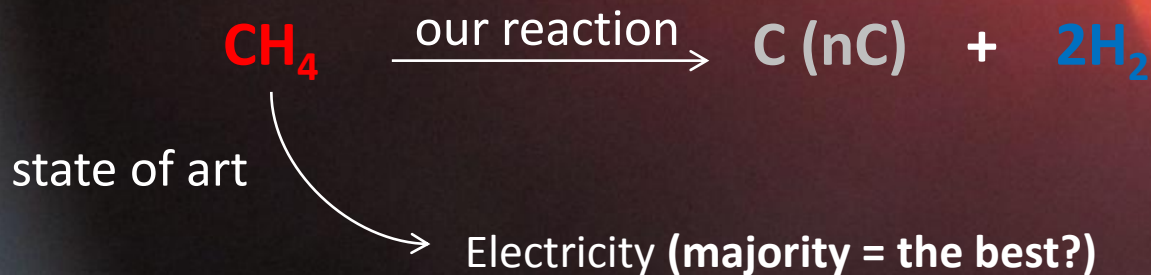
- Over 25 years of Business Development on **Thermo Management Solutions and Temperature managed processes**,
- More than 10 years of **nano carbon** fabrication experience and application co-development with industrial and scientific partners and
- Extensive working experience in Europe, USA, Hong Kong, China, Malaysia and Australia

Innovation

A proprietary concept to provide maximum flexibility for the usage from waste/biomass, whereas the deliverables could be performed as Clean Fuel (Hydrogen) or flexible hydrocarbons outputs (synthetic gasoline).

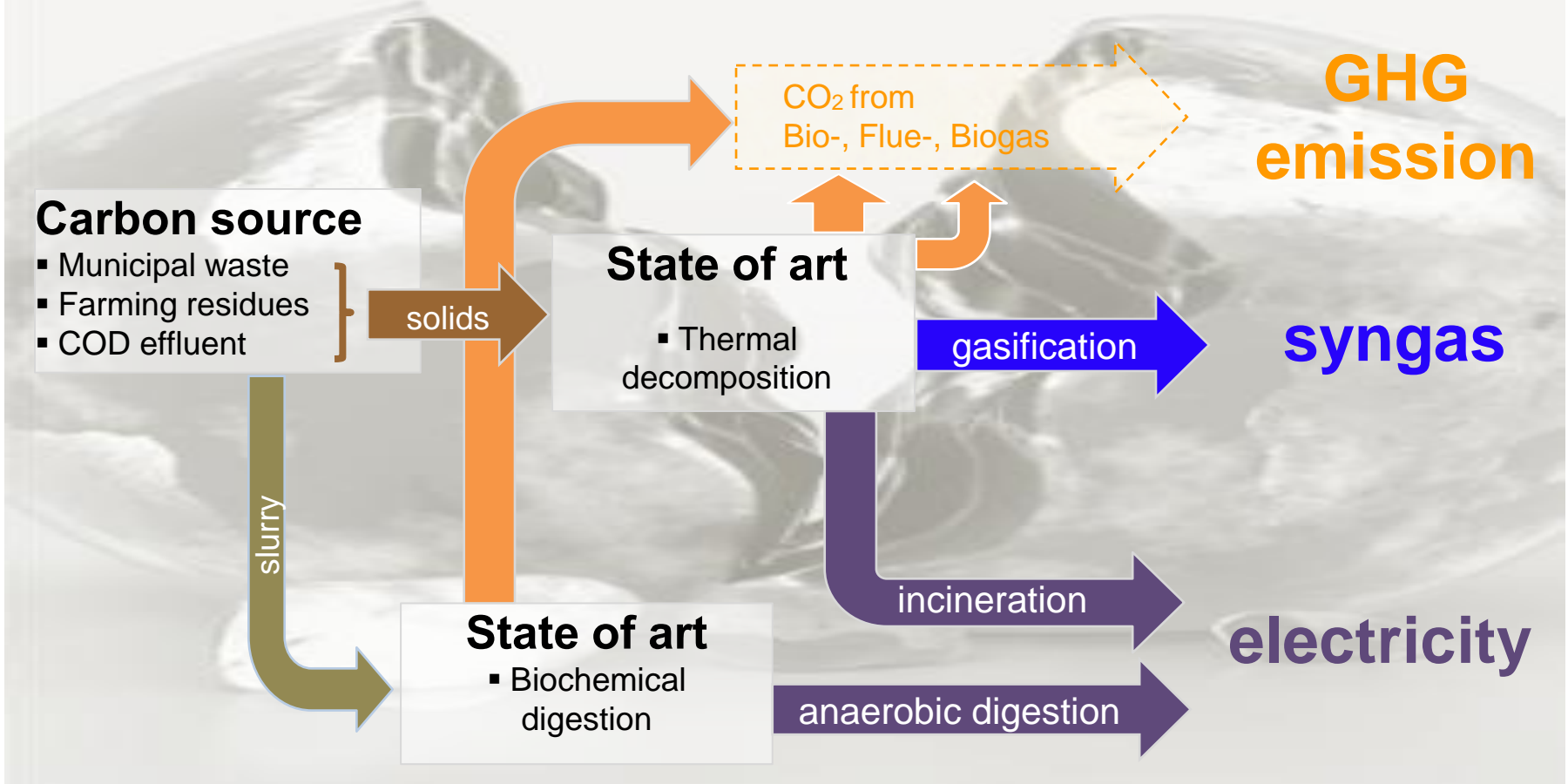
A unique process could generate enough added value to itself economically. Realizing a concept of **“Waste to Economy”**, and NOT confined to Waste Remediation.

- CH₄ emitted in landfills or anaerobic digestion of Organics (MSW or industrial waste)

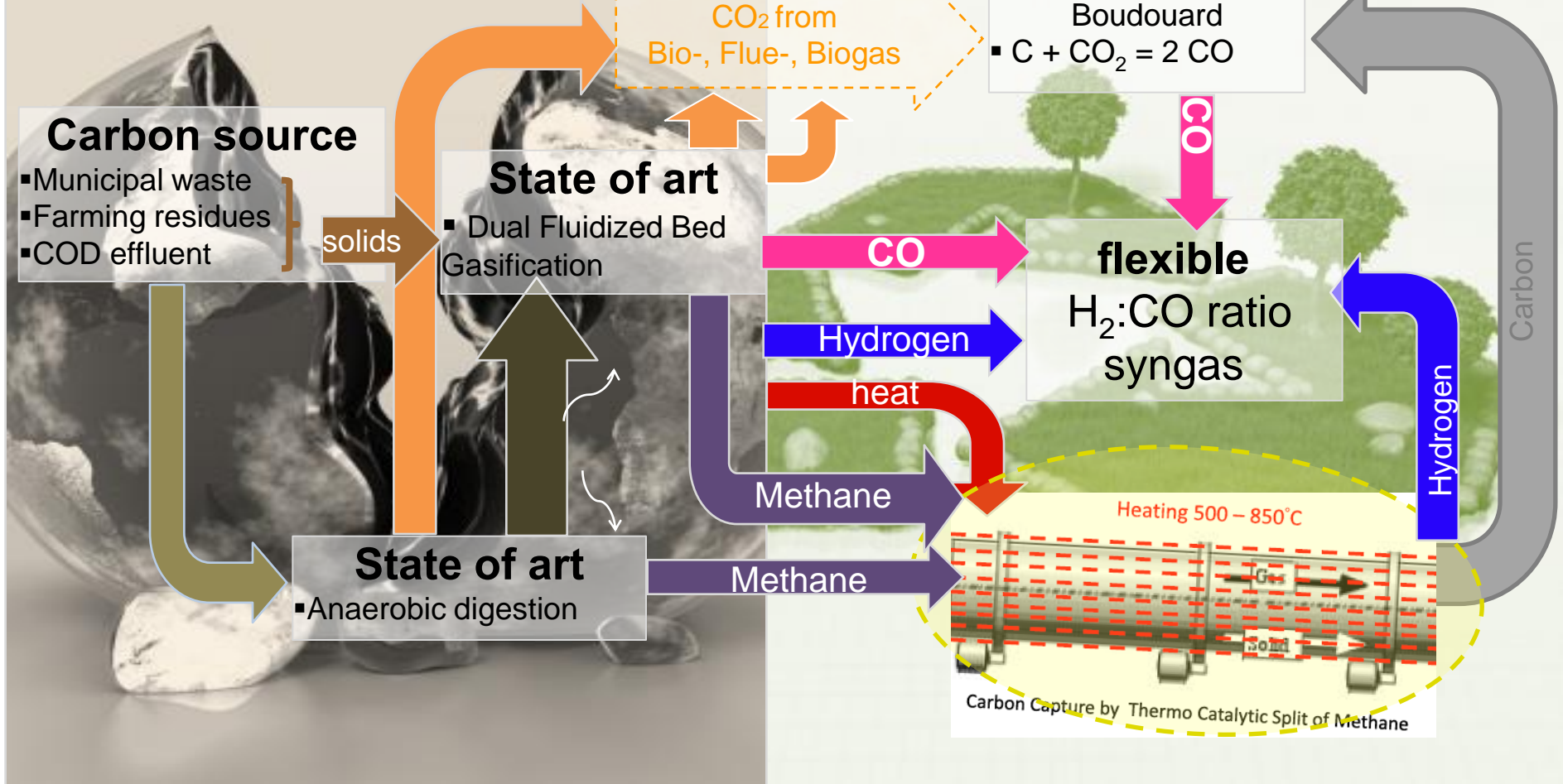


- Unlocking the potency of Green Economy:
 - renewable energy
 - reduce GHG emission
 - sustainable development

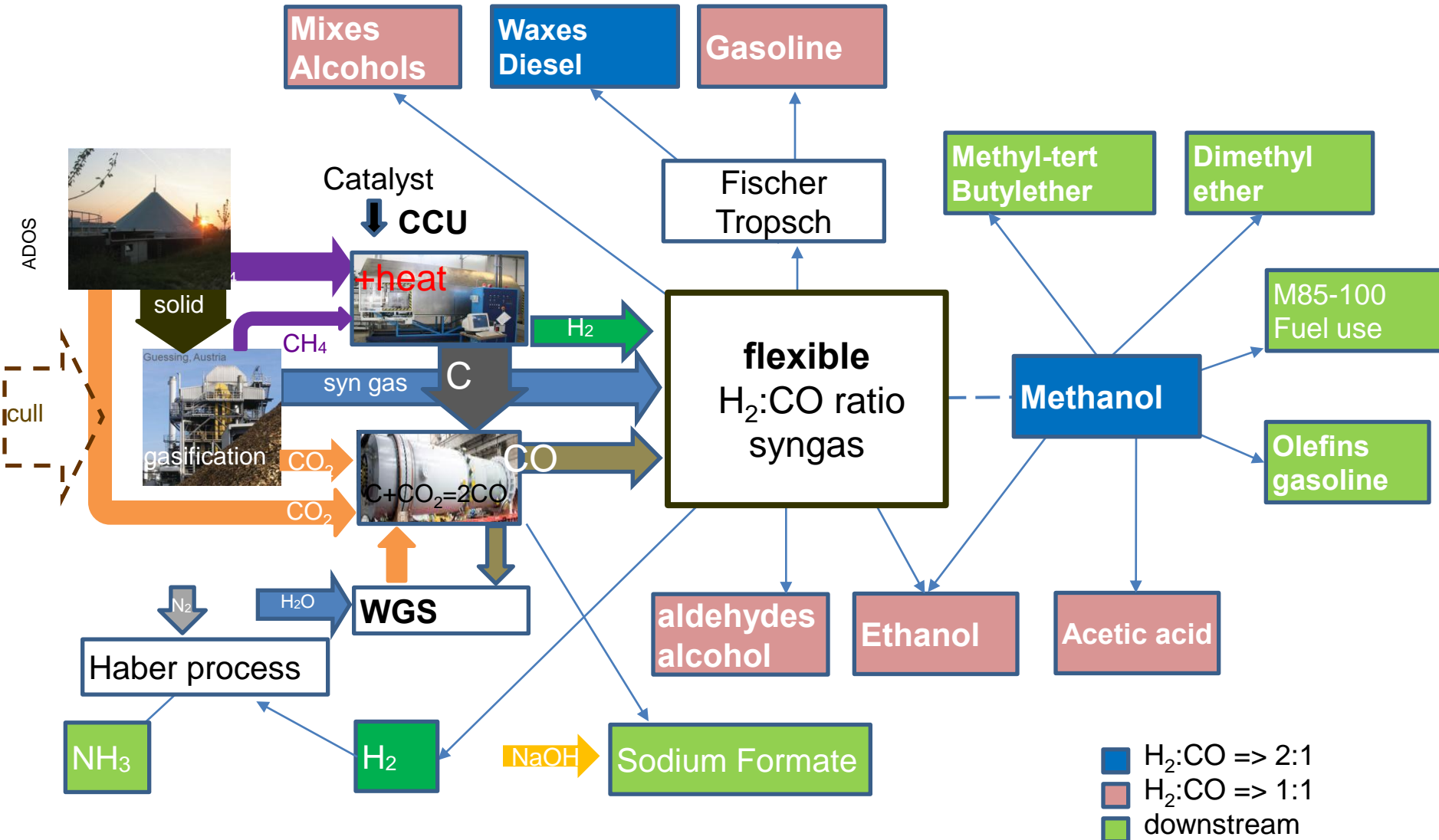
Organic Waste Utilization



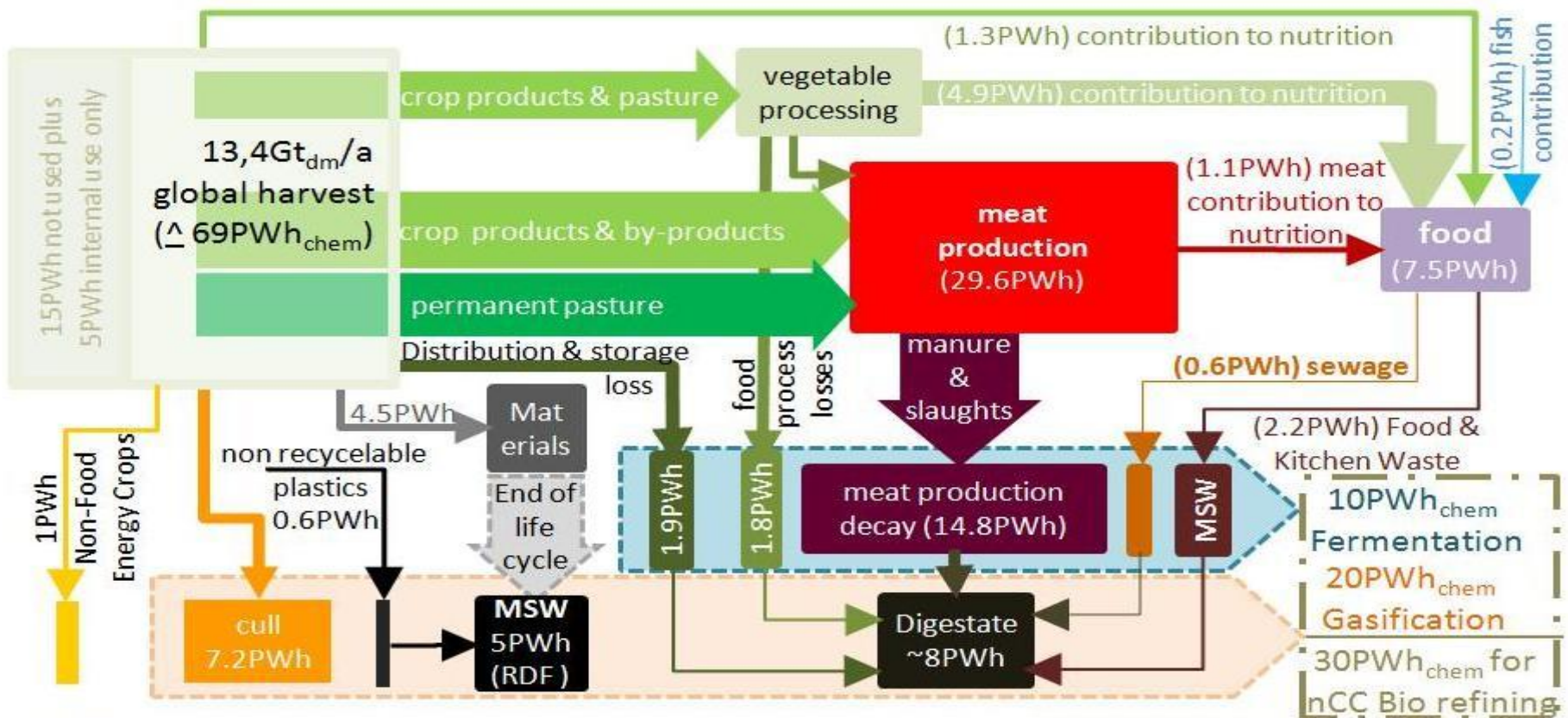
Organic Waste Utilization



Unlocking a new plane for Syngas application



Global biomass utilization



“The future is something that most of the time already happens before we anticipate it”

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Pictures



Our 2 reactors in Austria



One installation in Austria by
our strategic partner