

Round table III Future needs for R&D

- Round table guests:
 - **Antonino Arico – CNR Messina**
 - **Yannick Bessekon - ESA**
 - **Ben Green - ITM power**
 - **Jan Vaes- Vito**



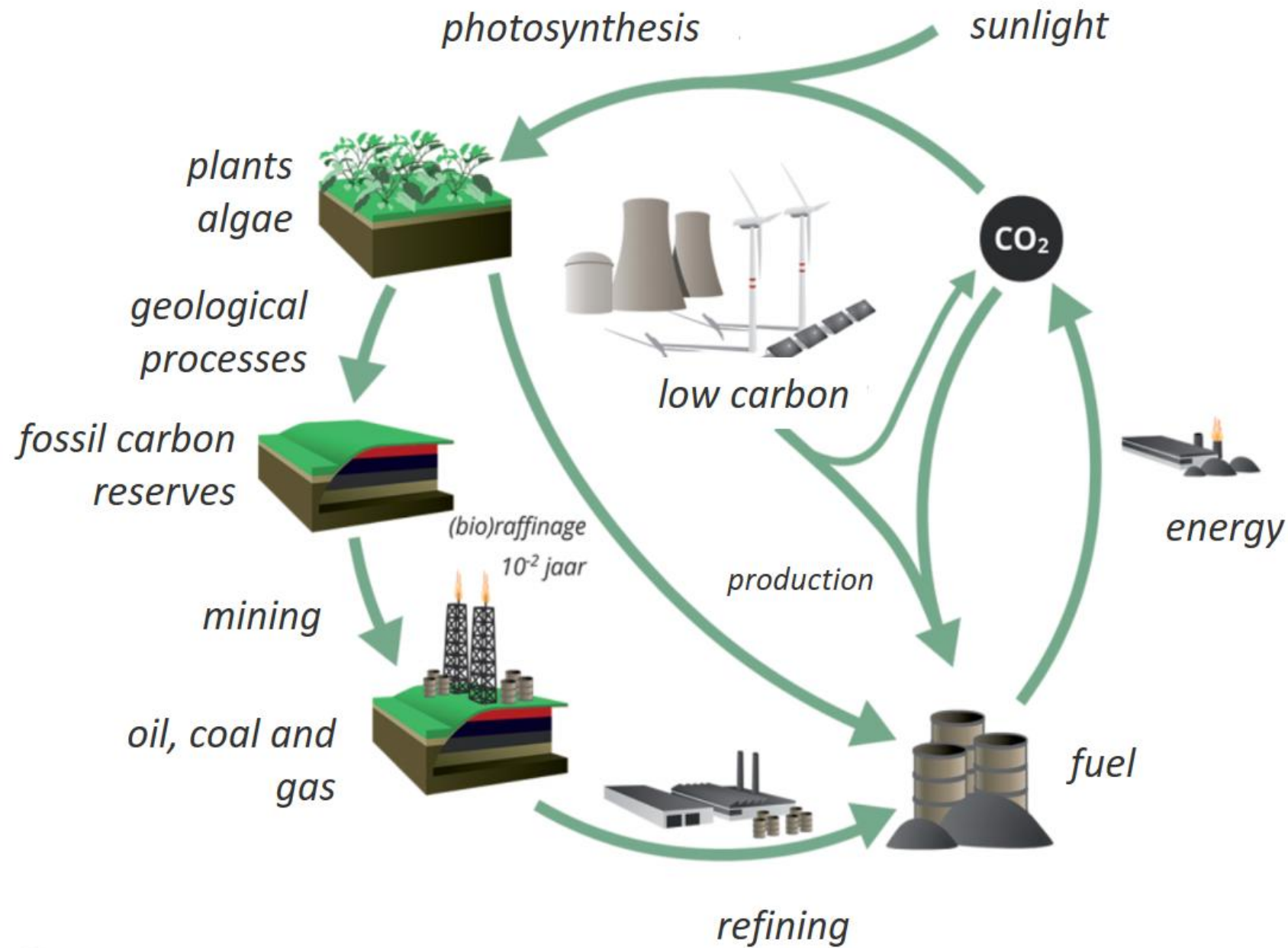
- RTO: Flemish Institute for Technological Research
- R&D and consultancy

VITO – Activities



CCU

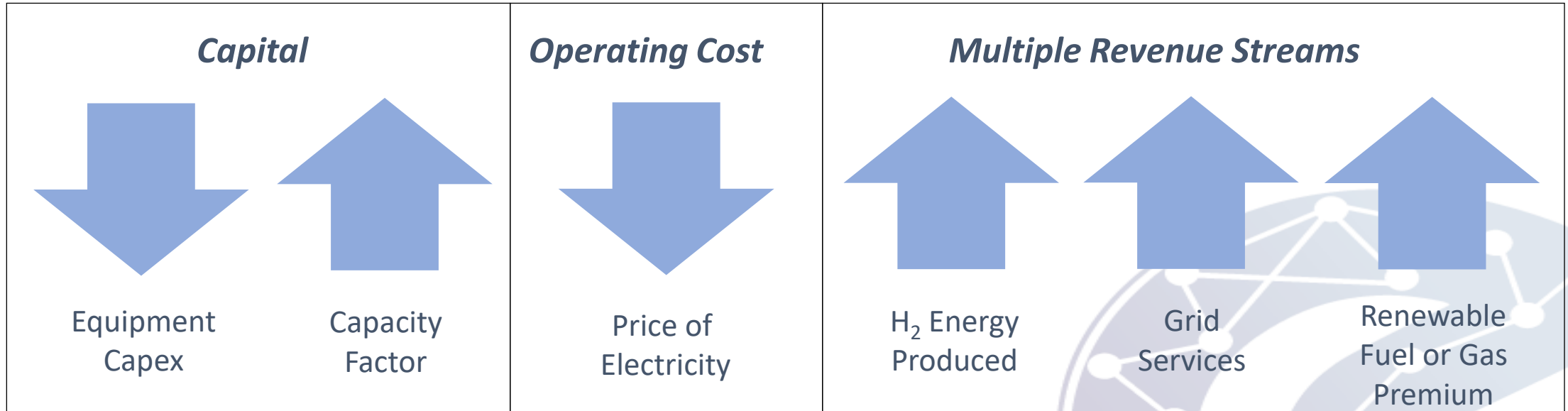
	ENERGY
	CHEMISTRY
	MATERIALS
	HEALTH
	LAND USE





Round table III Future needs for R&D

P2G Economic Drivers



Cheap
1000€/kW
(fossil parity 300€/kW)

Use it
all the
time

Efficiency
60kWh/kg =>
45kWh/kg

Sell the
H₂

Help the
electricity
grid

1. Get subsidies
2. Working CO₂
tax



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra



FUNDACIÓN PARA EL
DESARROLLO DE LAS NUEVAS
TECNOLOGÍAS DEL HIDRÓGENO
EN ARAGÓN



INDUSTRIE
HAUTE
TECHNOLOGIE



vito



Fraunhofer

IFAM



Inycom

innovation technologies

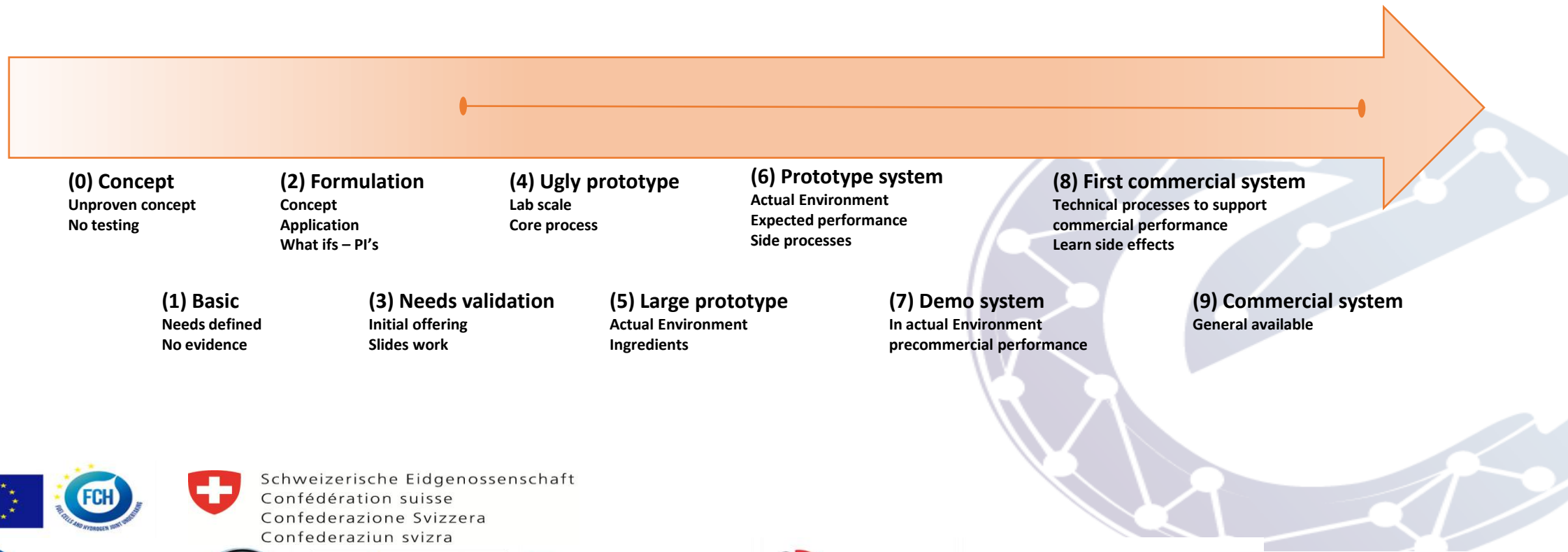


Institute of
Power Systems
and Power
Economics

RWTH AACHEN
UNIVERSITY

Current projects a FCH focus on pilot – commercial TRL's

- True or False ?



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra



FUNDACIÓN PARA EL
DESARROLLO DE LAS NUEVAS
TECNOLOGÍAS DEL HIDRÓGENO
EN ARAGÓN



vito



Fraunhofer
IFAM



Inycom
innovation technologies



Institute of
Power Systems
and Power
Economics

RWTH AACHEN
UNIVERSITY

Everything exists already – hydrogen implementation is a matter of politics.

- True or False ?



There is a large gap between science and industry.

- True or False ?
- Good or Bad ?



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra



FUNDACIÓN PARA EL
DESARROLLO DE LAS NUEVAS
TECNOLOGÍAS DEL HIDRÓGENO
EN ARAGÓN



vito



Fraunhofer
IFAM



Inycom
innovation technologies



Institute of
Power Systems
and Power
Economics

RWTH AACHEN
UNIVERSITY