

# AVIATION CO<sub>2</sub> REDUCTIONS



## STOCKTAKING SEMINAR

TECHNOLOGY · OPERATIONS · SUSTAINABLE AVIATION FUELS



# Sustainable Aviation Fuels (SAF)

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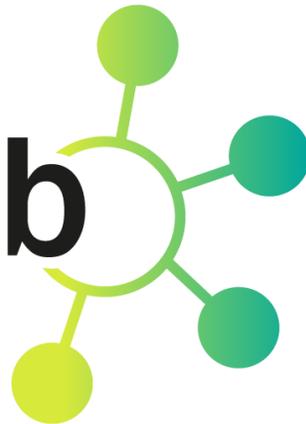
# Alexander Mahler

Catalyzing Sustainable Green Hydrogen Fuels and Feedstocks

International

**PtX Hub**

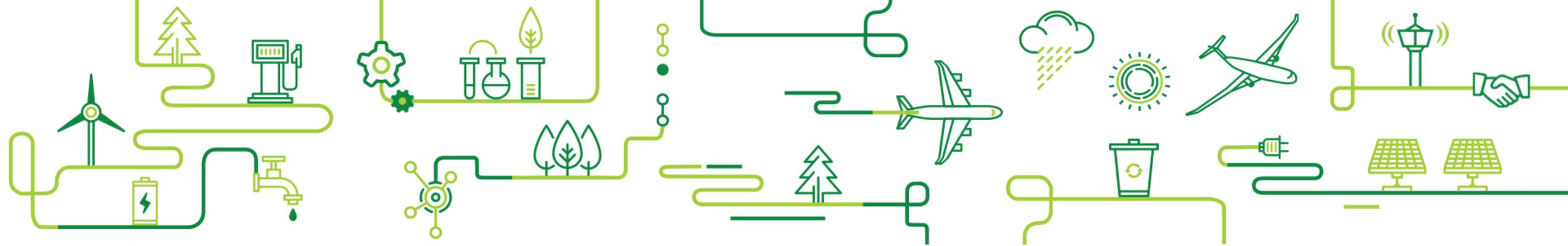
Berlin



**ProQR**

CLIMATE NEUTRAL  
ALTERNATIVE FUELS





# Power to X brings renewables into applications

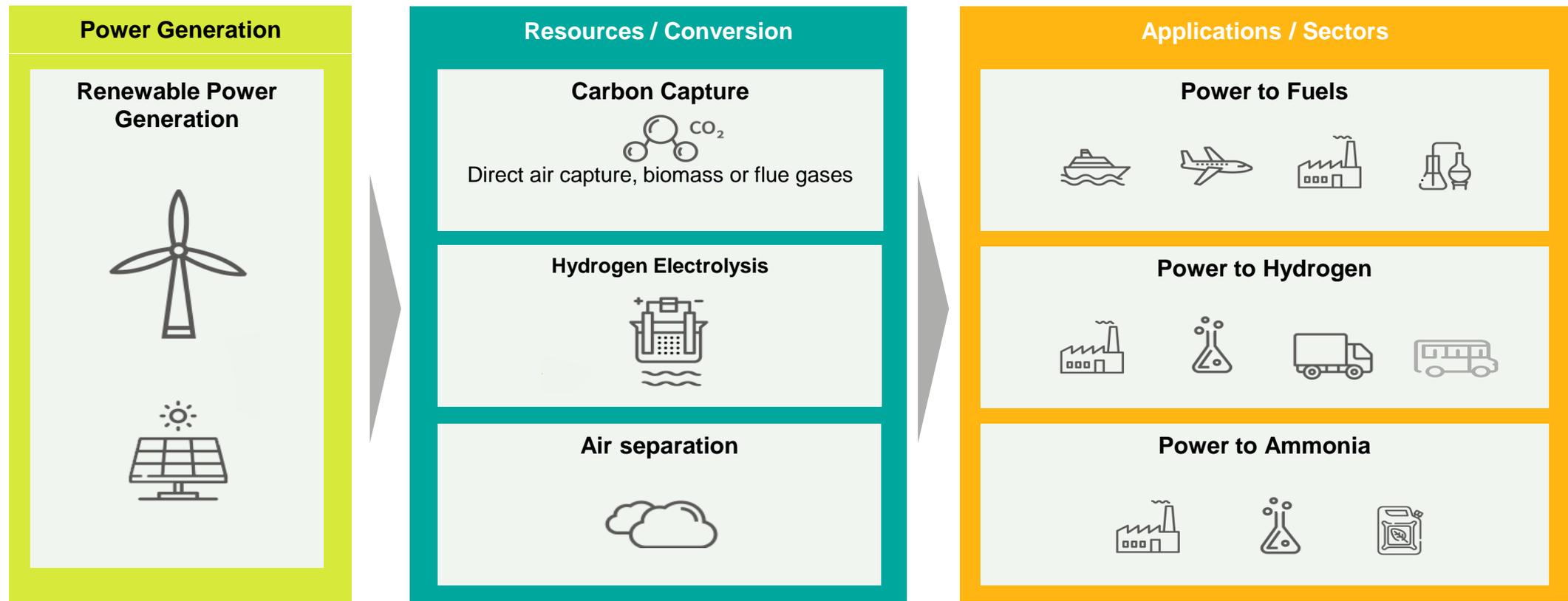


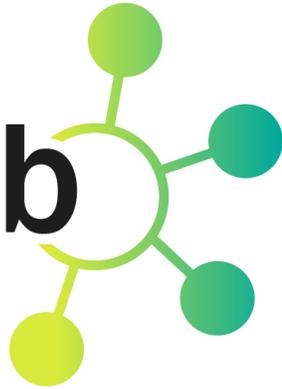
Figure: own depiction after WEC 2018

# Promoting sustainable Power to X on a global scale

International

## PtX Hub

Berlin



### Goals and Opportunities

- **Exchange of experience** with national and international partners
- Establishing a common international **Power to X agenda**
- Ensuring the production of **certified sustainable PtX products**
- Actively **shaping** the global PtX market in the partner countries
- Access to **expertise**  
e.g. country studies, learning curves, time frames, value chains, sustainability and risk analyses, financing concepts
- **Training** in emerging and developing countries (conferences, webinars, training courses)



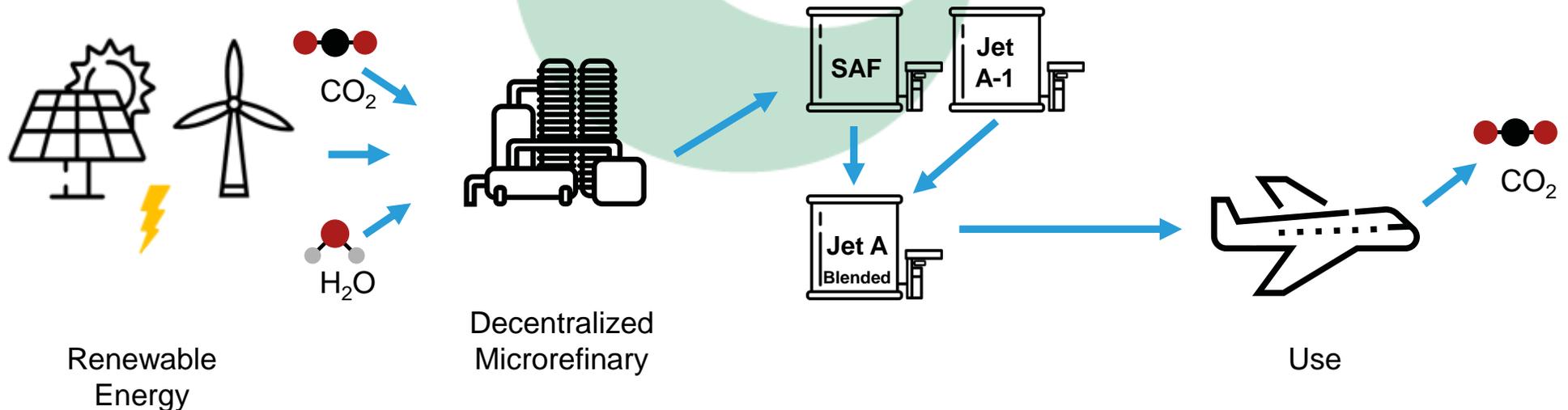


# ProQR – PtL-SAF in Brazil

- Clean aviation is possible
- In niches already economically viable
- Decentralised production is key to future clean aviation scenarios



Source: MCTIC 2018



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# Thank You

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