



**Energy can be  
carbon free**

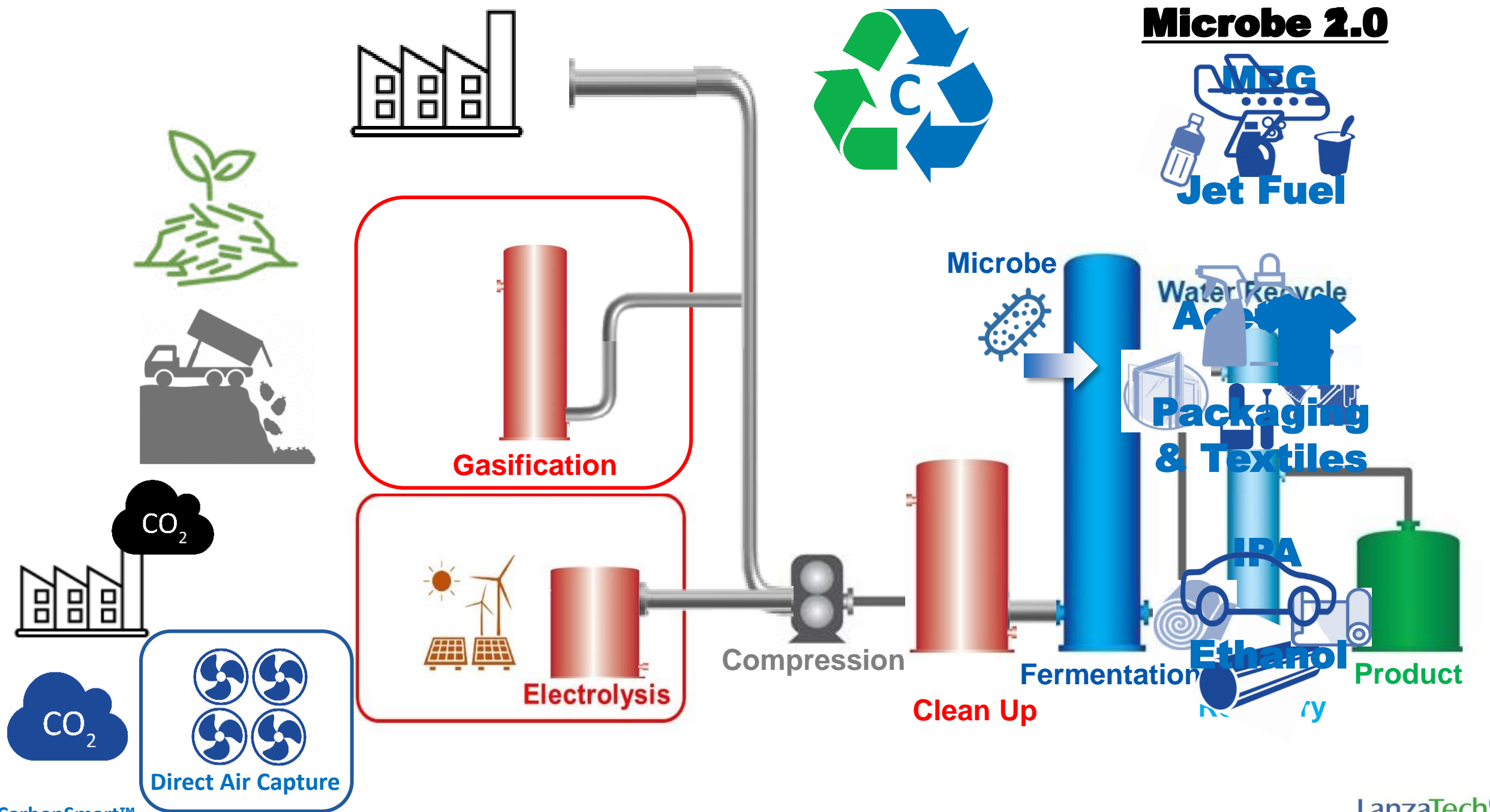


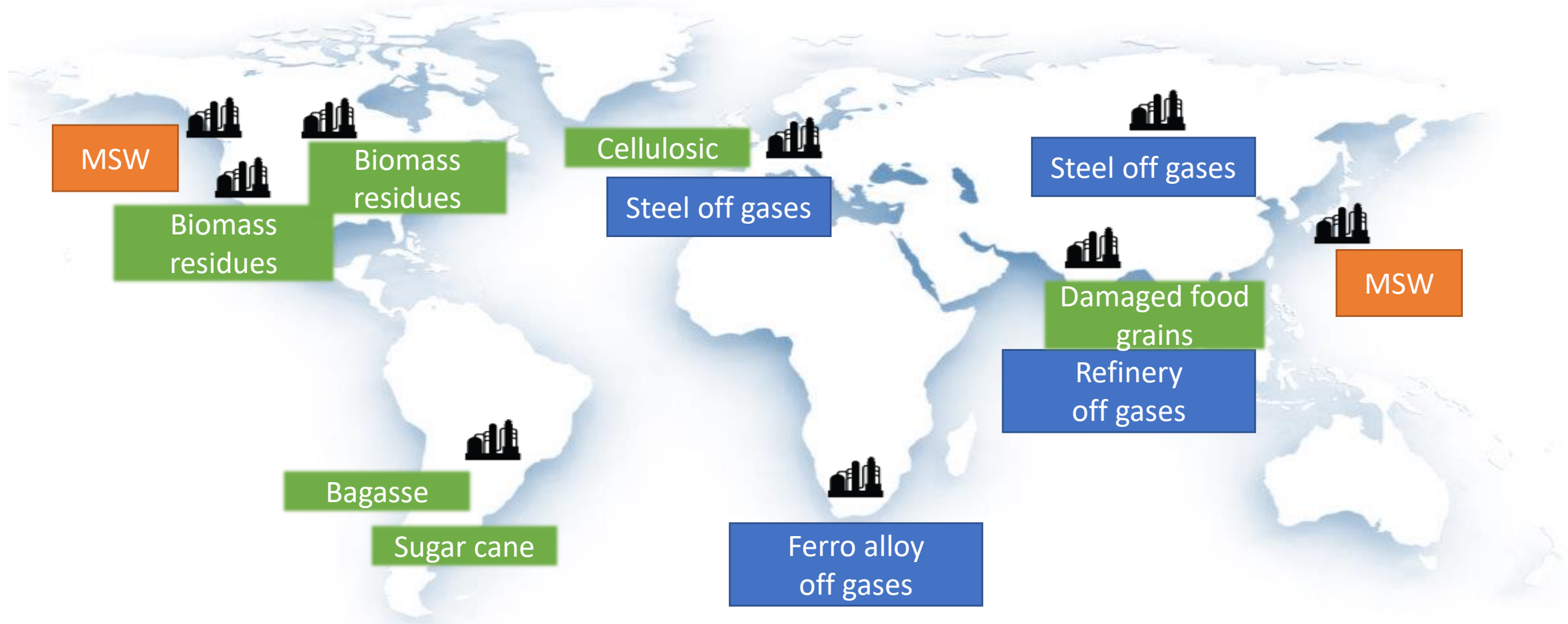
**(Aviation) fuel  
needs carbon**



**Chemicals for  
everyday products  
need carbon**

# Microbe 2.0





**Ethanol Feedstock is a Regional Choice**  
**Same ATJ Facility can process ALL types of Ethanol**

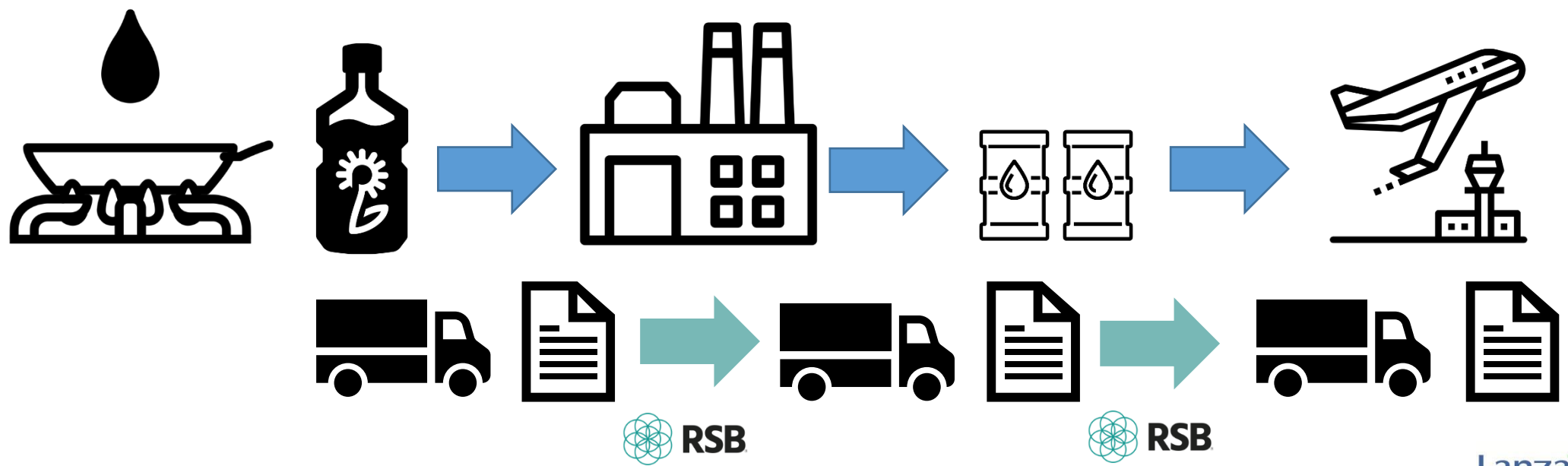
# Chain of Custody

## Challenge

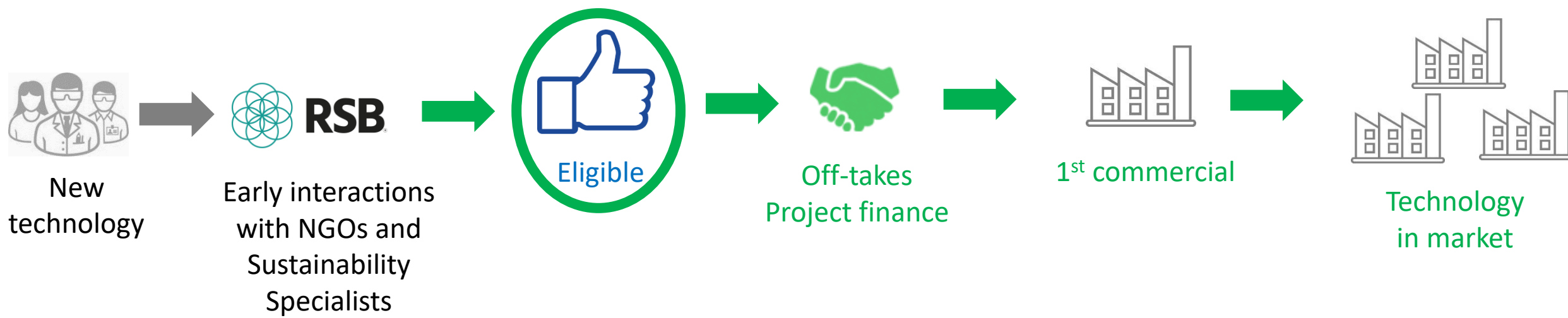
- Complex supply chains (SAF and wastes, chemicals)
- Multiple conversion steps, at different locations
- Integration with existing processes at each site
- Clear, transparent procedures required to assure product claims and avoid fraud

## Solution: RSB Guidance

- Procedures for managing material flows (internal, external)
- Material traceability from origin to end product
- Common methodology for GHG calculations along supply chain

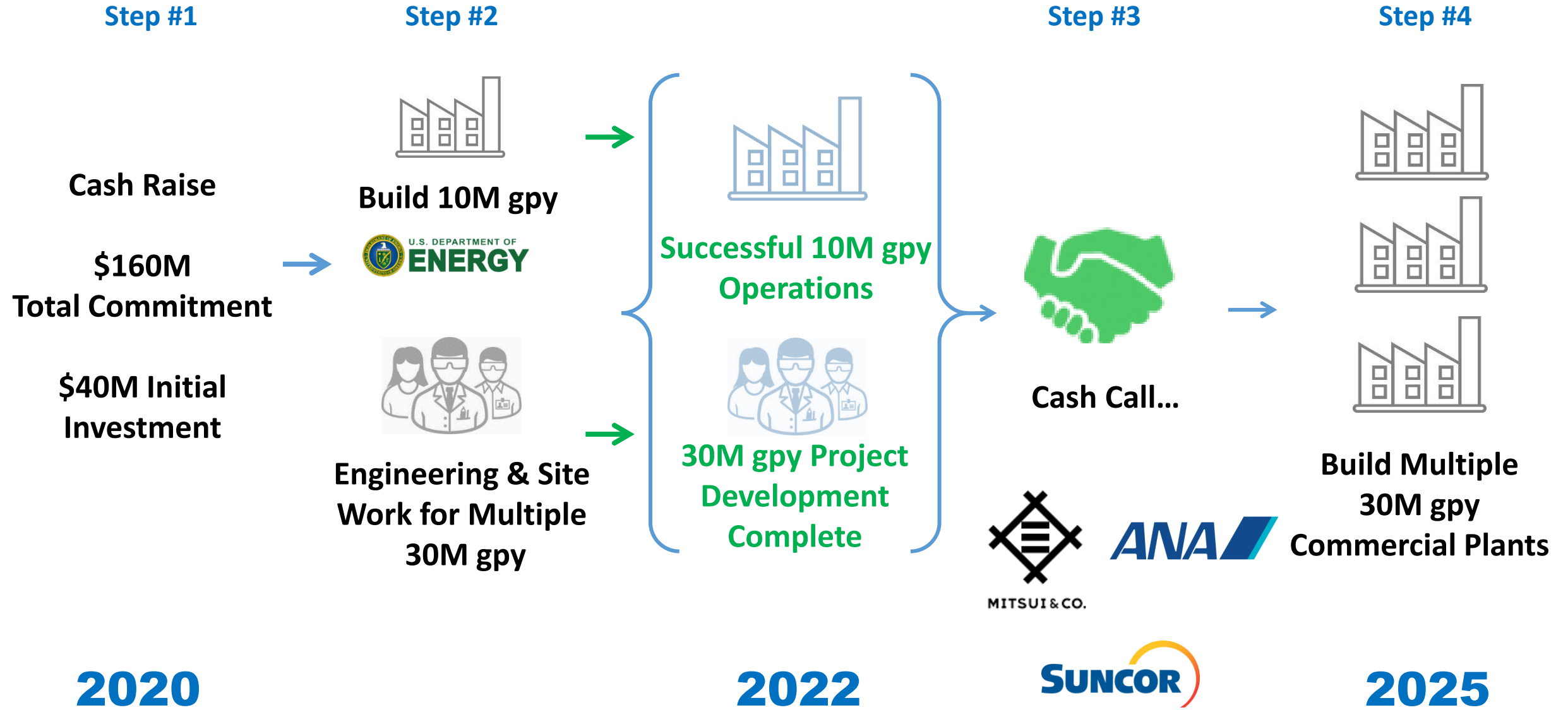


# Sustainability Credentials Enable Capacity Building



**Policies Risk Blocking New Technologies  
Giving Incumbents the Advantage**

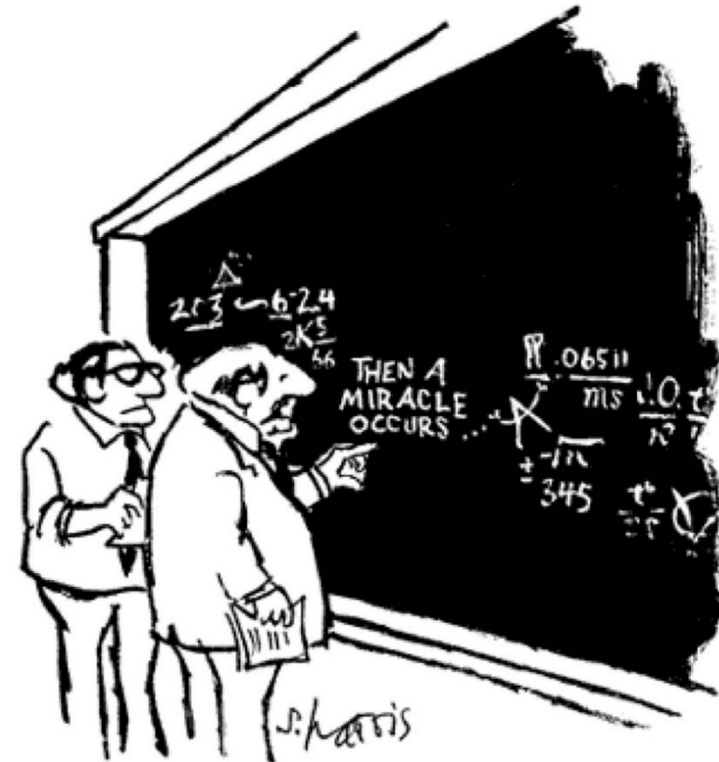
**Sustainability Credentials Speed up  
Movement Beyond the Status Quo**



We must adopt technology neutral position and support all solutions.

We must collaborate to address environmental concerns and get recycled carbon, including Power-to-X, fuels and chemicals to market.

We must fail quickly and move on.



"I think you should be more explicit here in step two."

***Policies, Definitions and Funding Drive or Block the Build Out of Disruptive Technologies***