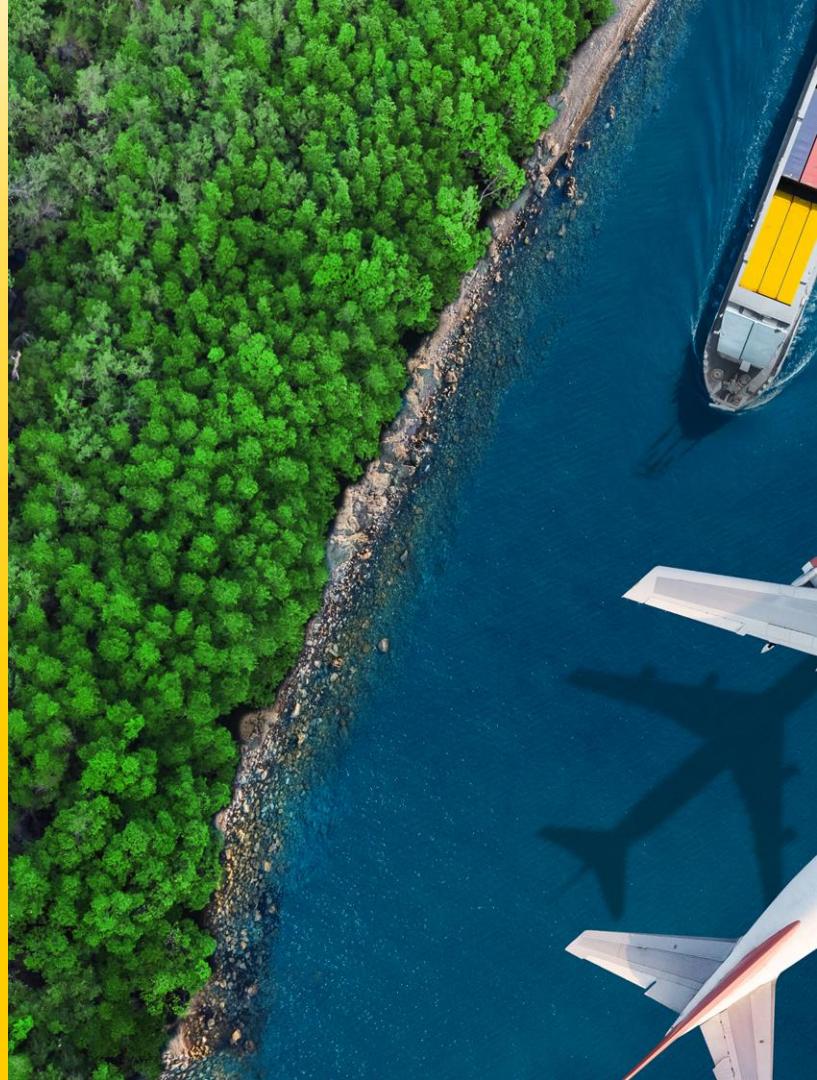


# UNLOCKING LOW CARBON LOGISTICS

MAKING MARITIME TRADE SMARTER,  
GREENER & MORE EFFICIENT

June 18, Rotterdam

Kathrin Brost, DHL Global Forwarding



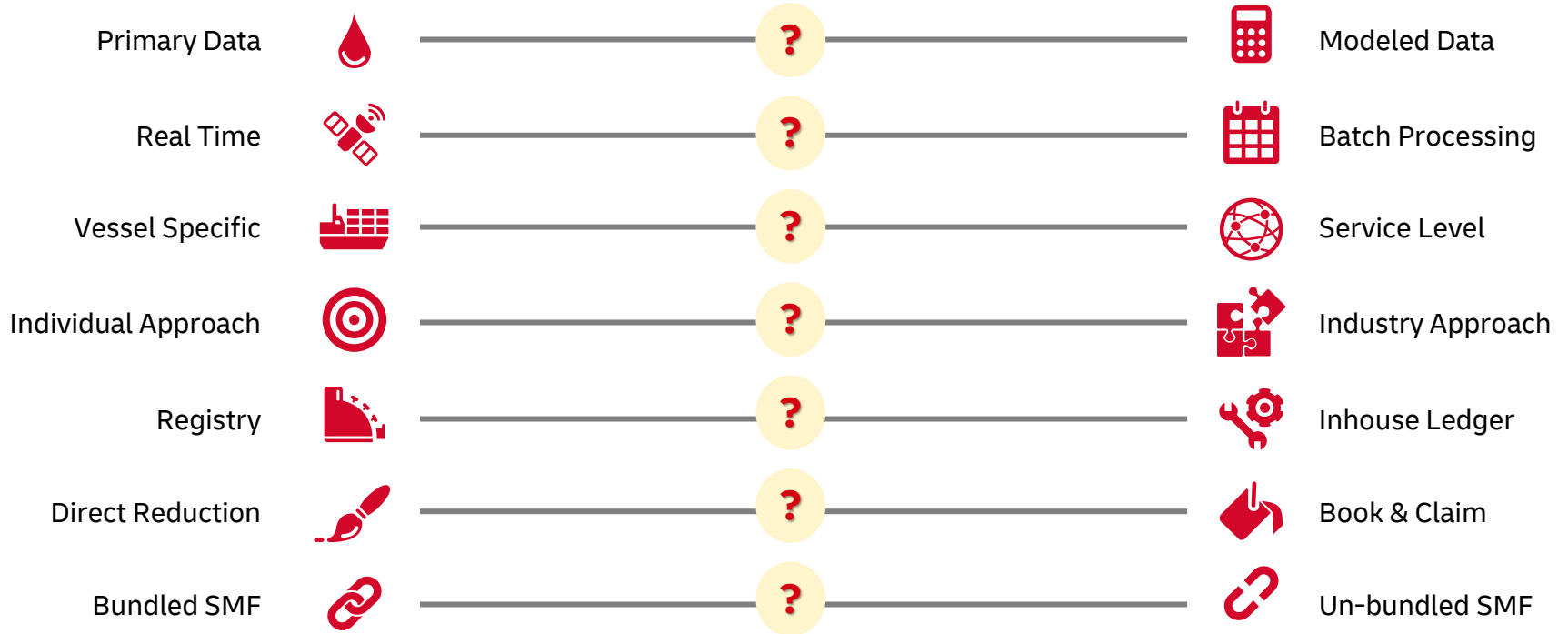
## Path towards Zero Emissions

### DECARBONIZATION STATUS QUO

- The decarbonization of freight transport is currently **between two s-curves**
- **Efficiency improvements** remain relevant, but with **limited additional carbon reduction potential**
- In parallel, **new decarbonization technologies and fuels** are emerging
- In air & ocean freight many of these new solutions are not yet scalable or commercially viable except for **biofuels**



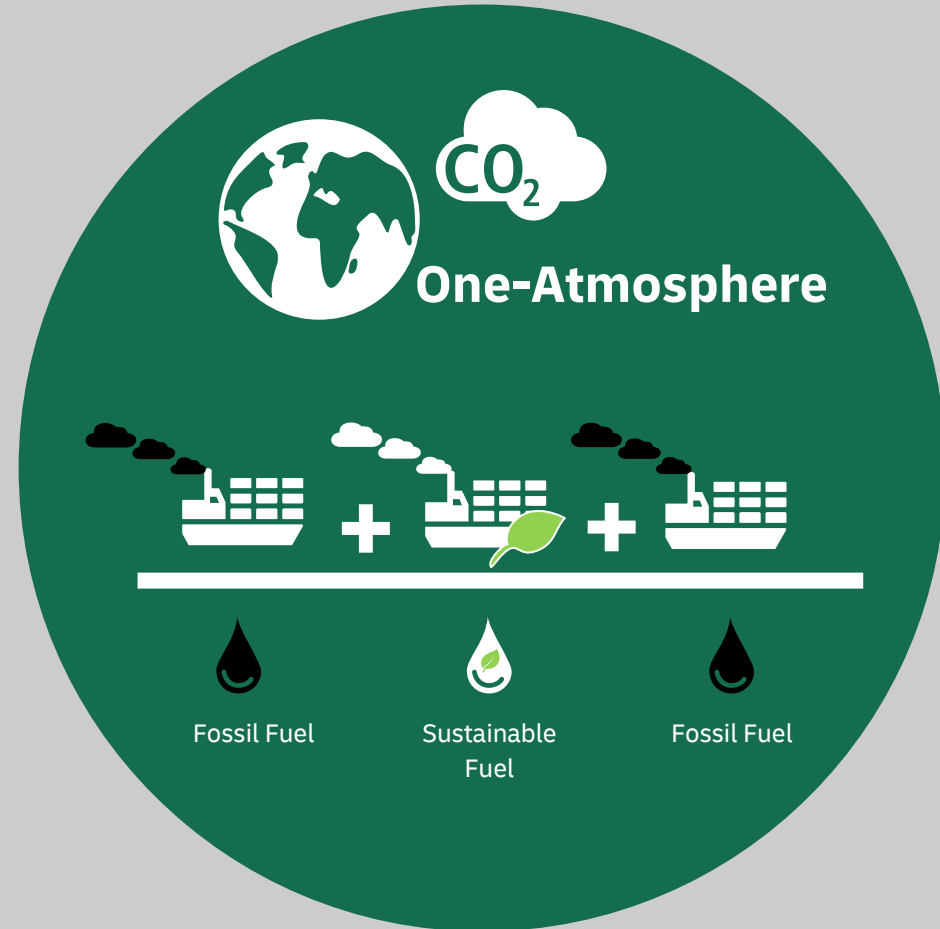
## Reporting & Decarbonization Dilemmas



## Simplify SMF & Accounting Rules

### THE THEORY

- **ONE-ATMOSPHERE APPROACH**  
Overcoming geographical or physical sustainable fuel (SF) constraints by looking at the ocean shipping industry as one network
- **FUEL SWITCH CONCEPT**  
Ensuring that a verified sustainable fuel switch takes place in the same transport mode; i.e., same network but not on same vessel
- **BOOK & CLAIM MODEL**  
Permitting shippers to contribute and report emission profiles of SF, even if shipments were not physically transported in vehicles using SF



LET'S GET STARTED

# THE TIME TO DECARBONIZE IS NOW!

