

5H. Alternative fuels, timing, capacity and cost

Proposed work

- **Fuel choice** (table 2.1):
List of relevant alternative fuels to be assessed in the defined area.
- **Energy supply** (Table 2.2 / Table 2.3 / Table 2.6 / Table 2.7):
Access database to find relevant renewable energy projects announced and generate overview of the source, capacity over time, intra-regional (Table 2.2 / Table 2.3) and extra-regional (Table 2.6 / Table 2.7). Estimate the expected amount of energy available for shipping.
- **Fuel supply** (Table 2.2 / Table 2.3 / Table 2.6 / Table 2.7):
Access database to find fuel projects announced and generate overview of the source, capacity and availability of fuels over time, intra-regional (Table 2.2 / Table 2.3) and extra-regional (Table 2.6 / Table 2.7). Estimate the expected amount of fuel available for shipping.
- **Assess project maturity and sectorial competition**
- **Fuel cost** (Table 2.4 / Table 2.8):
If possible, get view on fuel cost – either through publicly available data or through interviews with stakeholders. Insert data from the area (Table 2.4) and from outside the area (Table 2.8), e.g. electricity price, fuel production cost (CAPEX, OPEX)

Why collect this data

- **Fuel choice:**
Align on which fuel you want to focus. This is critical as the following data collection depends on this choice.
 - **Fuel supply:**
Availability of alternative fuels over time will determine green corridors in your later selection. If an alternative fuel is not available within the region it might be possible to import it.
- **Fuel cost:**
Needed input to inform investment decisions throughout the value chain. Both regarding fuel from within the area of interest and imported fuel.

