Comparison of two cross-country low-carbon steelmaking process chains

**Figure 10**

- **Low-cost H₂-producing country**
  - Iron ore mining
  - Renewable H₂ production
  - Conversion to H₂ carrier (i.e. NH₃)
  - Seaborne HBI transport via H₂ carrier

- **Steelmaking country**
  - Iron ore transport by land
  - Reconversion to H₂
  - H₂ distribution
  - DRI production
  - Steelmaking

- **Seaborne iron ore transport**
- **Iron ore mining**
- **HBI production**
- **Seaborne HBI transport**

- **Green iron transport by ship**
- **Iron ore mining**
- **HBI production**
- **Seaborne HBI transport**

Agora Industry and Wuppertal Institute (2023). HBI = hot briquetted iron, DRI = direct reduced iron.