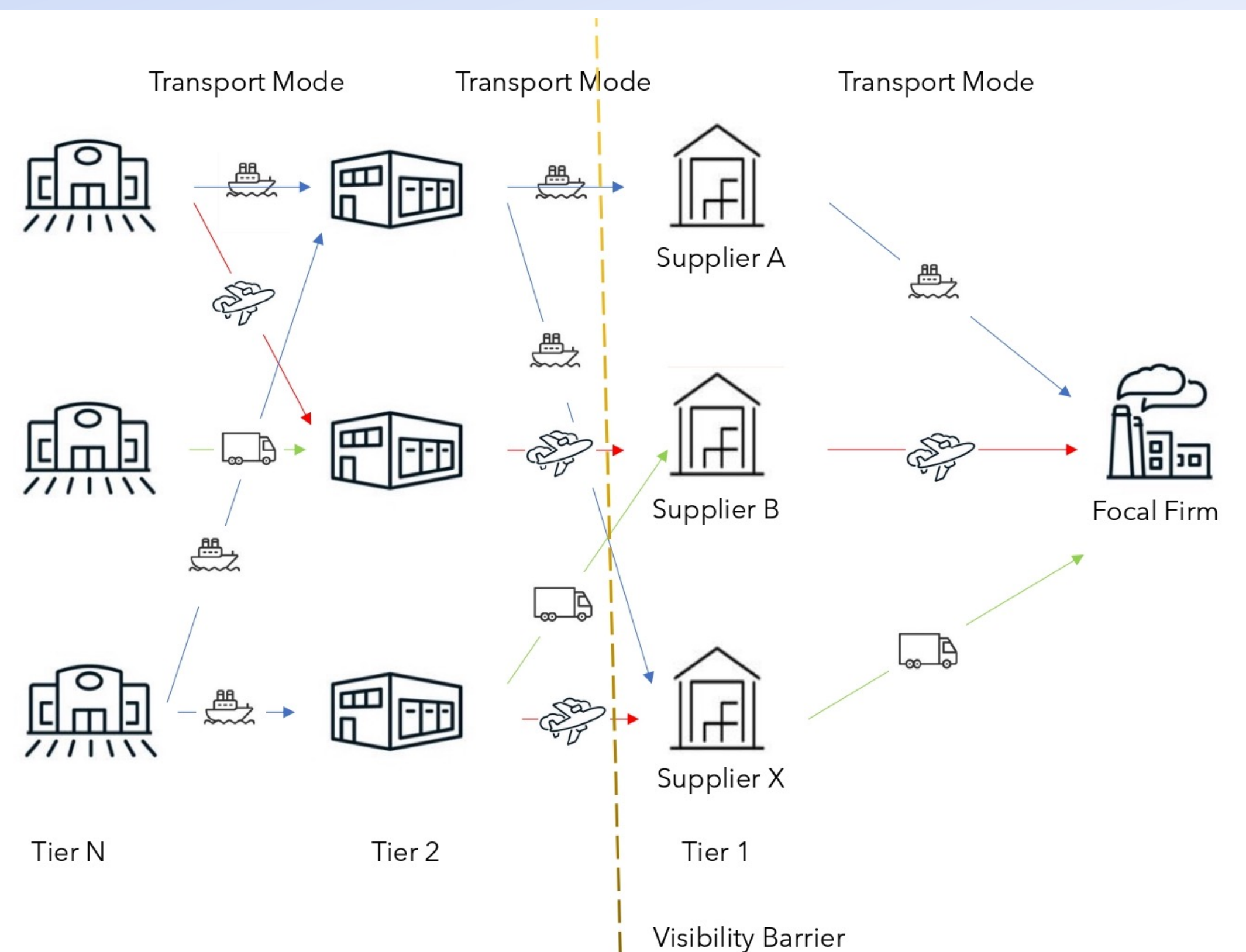


How can firms reduce their up-stream transport emissions?

A key issue for Purchasing and Supply Chain Management

Transport has been largely ignored in supply chain management since it is a consequence of a lot more “strategic” purchasing and supply chain decisions.

This research elaborates on what an individual firm can do to reduce the carbon emissions resulting from the transport activities embedded in their supply chain networks.



Transport activities embeddedness

In-depth case study with Siemens Energy
Systematic combining process
Interviews and focus groups

Ways to reduce up-stream transport demand:

- Within existing supply chain configurations:
 - Reducing lead time demands
 - Horizontal collaboration
 - Demands on transport providers
- By reconfiguring the supply chain structure:
 - Reducing the number of suppliers
 - Replacing distant suppliers
 - New production methods e.g. additive manufacturing

