

UNIVERSITY OF BERGEN

# Organizing for a green shipping transformation

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UNIVERSITY OF BERGEN



# Getting to Zero Coalition



Norwegian Centres of Expertise  
NCE Maritime CleanTech



Maritime -  +  
Battery Forum



Arena Ocean  
Hyway Cluster



Mærsk Mc-Kinney Møller Center  
for Zero Carbon Shipping



SEA CARGO  
CHARTER



SSI  
Sustainable Shipping Initiative

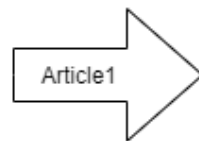
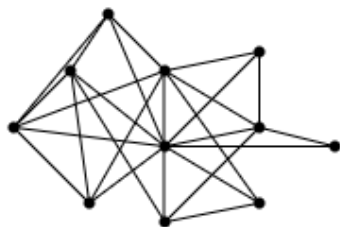
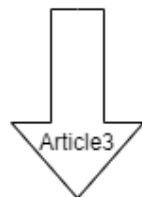
Zero Emissions Ship  
Technology Association

# Green networks – potential outcomes

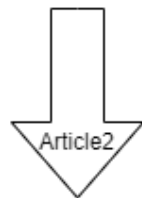
- Innovation, new technology
- Regional economic development
- Co-production of new policies
- Lobby government
- Self-regulation of industry



Context



Policy



Shipping  
companies



# Theoretical foundations

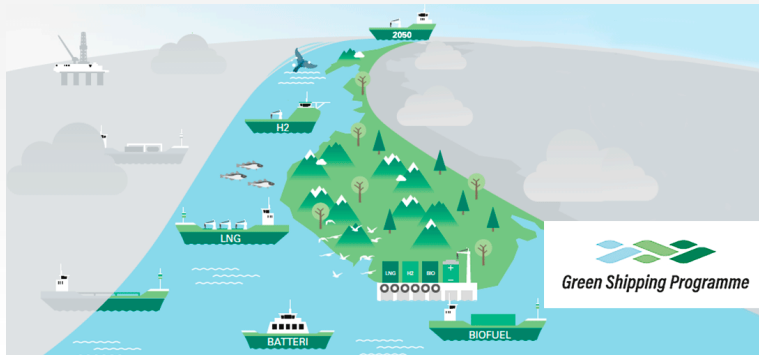
- Inter-organizational networks:
  - Networks are particularly useful for sharing of information in technology dependent industries (Ahuja 2000, Powell 2000)
  - Networks speed up diffusion of new practices (Brass et al)
- Governance networks
  - Focuses on how governance is exercised through interacting networks of public, private and non-profit organizations (Klijn, 2008).
- Governance: “the management of the course of events in a social system” (Burriss et al., 2005),



# Article 1



**Policy?**



# Article 2



Maritime -  +  
Battery Forum



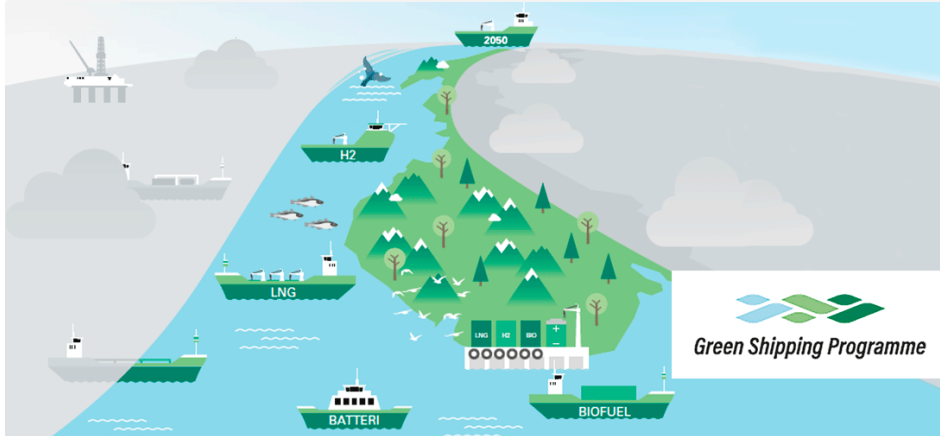
Does membership impact decarbonization strategy?



# Article 3

## Context?

(Political framework, public administration)





## Contribution of PhD

- Industry networks, green networks and green clusters contribute in more ways than creating innovation and regional development.
- Can industry co-regulation be a driver in the green shipping transformation?
- Uncover the how context, particularly the role of the government, impacts the functioning of governance networks.





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