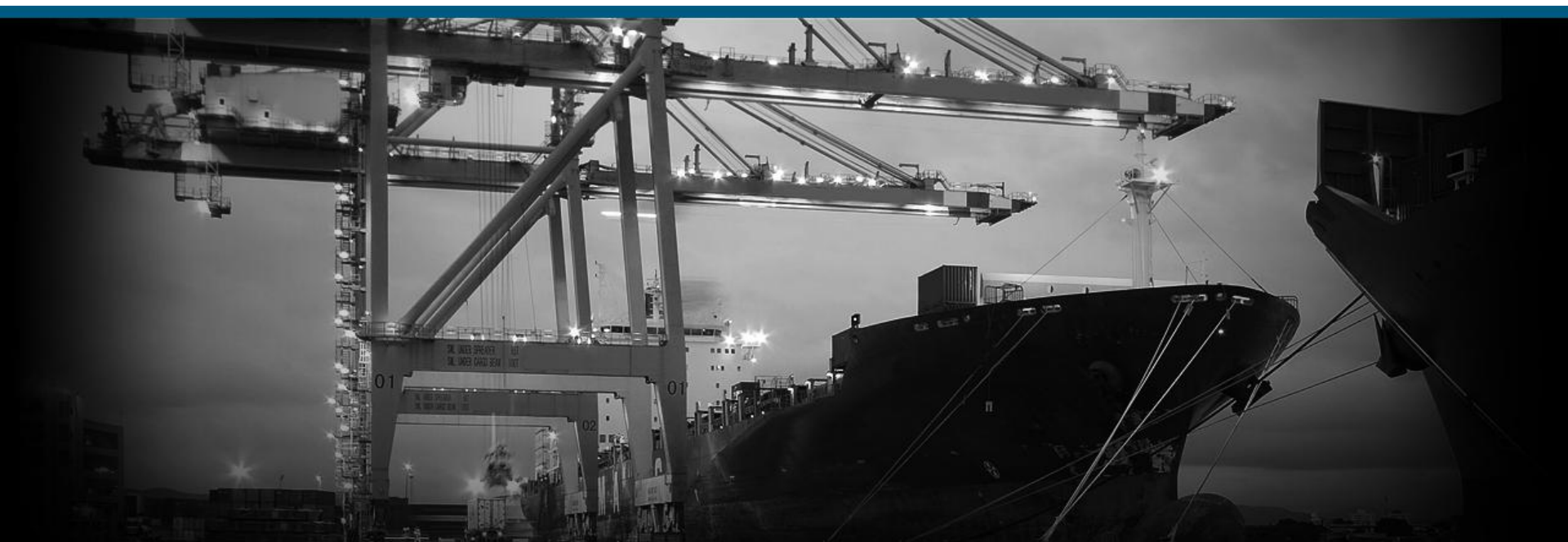


# FAIRWAY INTO THE FUTURE

FUTURE OF SHIPPING IN FINLAND 2015 AND BEYOND

Annemari Andr sen



We **create** and **implement**  
new knowledge

# GOALS

- Create vision for Finnish shipping
- Improve competitiveness of Finnish shipping and industry
- Reduce dependence on subsidies long-term

# SHIPPING CHALLENGES

- Stricter environmental regulations
- Low freight prices and usability ratio
- High costs
- Lack of strategic cooperation between actors

# SHIPPING POSSIBILITIES

- Growing volumes and new material flows
- Sulphur directive in SECA area (“first mover”)
- Innovative ship concepts and fuel solutions
- Arctic know-how
- Collaboration

# VISION

- *Shipping is a strategic enabler for Finnish industry.*

# RECOMMENDATIONS

1. Optimize freights and ship traffic to improve usability rate.
2. Make strategic choices regarding fleet.
3. Start concept design for newbuildings.
4. Create LNG-solutions.
5. Form pools.