



# GOVERNANCE FOR SUSTAINABLE MARITIME PASSENGER TRANSPORT

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# Green Public Procurement of transport

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- A market approach to governance
- Autonomy in ambitions and procedures
- Most procurement in Norway include environmental criteria
- Zero-emission nation
  - Environmental criteria at least 30 % weight
  - Zero-emission solutions for ferry services connecting national roads
- Different procurers of ferry services
  - Regional authorities
  - Public transport administration companies
  - Norwegian Public Roads Administration

# Public procurement of ferry services

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- Research questions
  - What characterizes green public procurement of ferry services in Norway?
  - What issues are critical for green public procurement to accelerate sustainable transitions in maritime passenger transport?
- Analysis of 11 calls for tender for ferry services
  - 19 connections
  - 2015-2018
  - National database for public procurement of contact procurer
- Interviews with 3 procurers and 2 ferry service operators
  - Procurers represent NPRA and public transport company
  - Operators with large market shares and extensive procurement experience

# Critical issues in public procurement: main findings

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	Critical issues
Procedural	Timelines
	Contract duration
	Standardisation
	Requirements
	Environmental weights
Service delivery	Technology lock-in
	Technology costs
	Infrastructure and charging/refuelling
	Energy capacity and cost

# Critical issues in public procurement: procedural

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- Timeliness
- Contract length
- Standardisation
- Technology requirements
- Environmental award criteria

# Critical issues in public procurement: service delivery

- Technology lock-in
- Technology costs
- Energy capacity and costs
- Infrastructure and recharge/refuel



# Implications

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For procurers	For governance
Standardisation of requirements	Direction
Sanctions and weight in award process Emission criteria vs. Technological criteria	Market for emerging technologies
Timetables that allow charging	Anchoring
Infrastructure Standardisation Responsibility for investments, costs and maintenance	Private-public cooperation
Power effect and energy capacity in grid	Jurisdiction



Teknologi for et bedre samfunn