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Green public procurement of transport

Experiences from municipalities and freight providers

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SINTEF Community 15.6.22

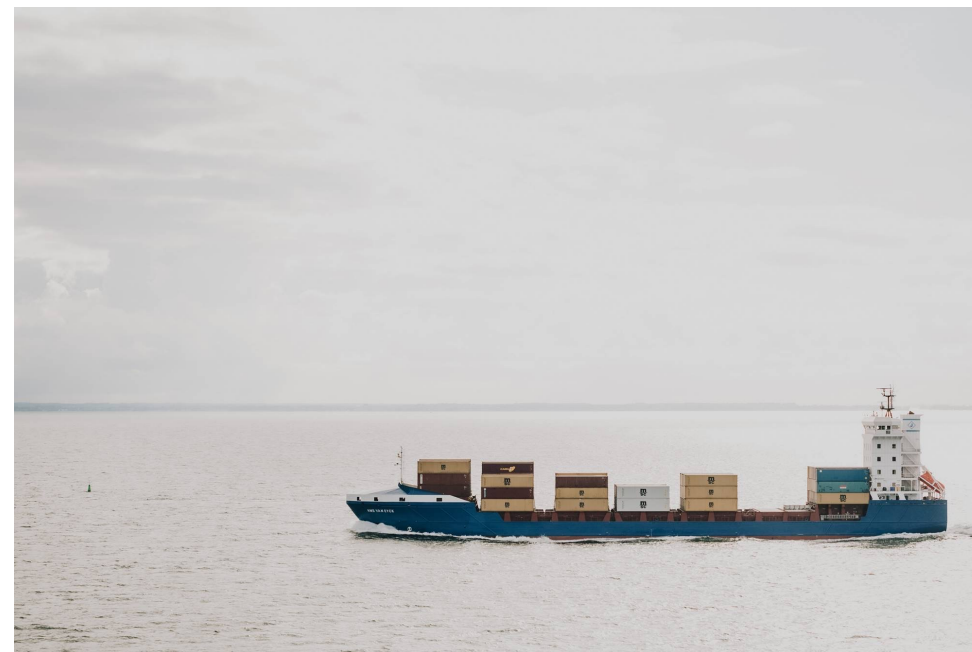


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Agenda

- Background
- Research question
- Methods and selection
- Requirements in public procurement
- Challenges
- Possibilities
- How to succeed with Green Public Procurement
- *The study was conducted as a joint activity in the research centers NTRANS and MoZEES*





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Background

- Public authorities buy goods, services and building and construction work for 600 billion NOK. annually.
- The Public Procurement Act from 2017: *"shall align its procurement practices so it contributes to reducing harmful environmental impacts and promoting climate-friendly solutions where relevant."*





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Research question

.... explores preliminary experiences with green public procurement in freight transport and discusses how such practices should be developed to accelerate sustainability transitions in freight transport.



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Method and selection

- Interviews: municipalities (4), freight providers (3)
- Survey: municipalities (71), freight providers (220)
- Topics municipalities:
 - Strategy and collaboration
 - Experiences with public procurements
 - Public support schemes and national goals
- Topics freight providers:
 - Technology
 - Logistic solutions
 - Policies and guidelines





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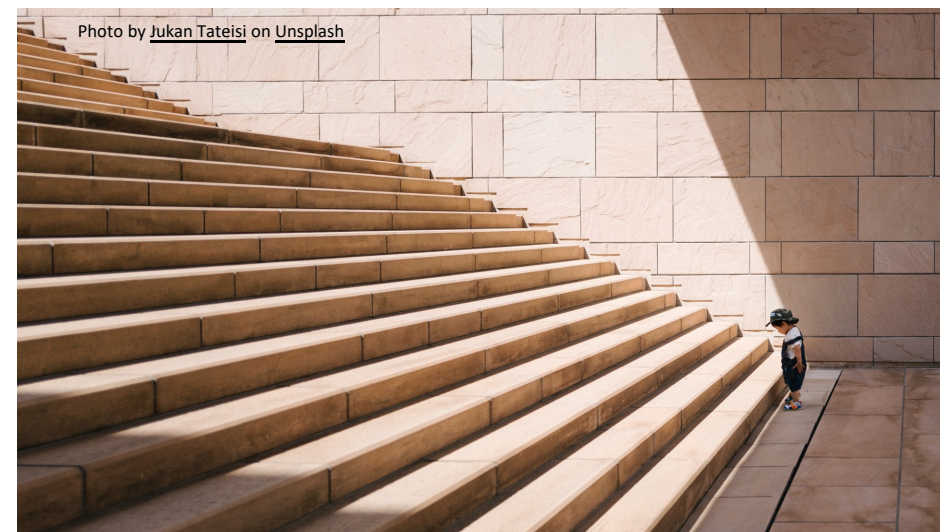
Requirements in public procurements

- Existing requirements:
 - Requirements for technology (e.g. EVs, hydrogen, EURO-standard)
 - Emission requirements
 - Vehicle size
 - Consolidation
 - Time-windows for deliveries
- When are requirements used?:
 - Always
 - 100 000 NOK
 - 500 000 NOK
 - 1 000 000 NOK



Challenges

- Capacity
 - Small organisations must allocate resources.
 - Procurement is just one of many tasks.
 - Complicated procurement processes.
 - Expensive when new vehicles are needed.
 - Large organisations are more adaptable.
 - More financial resources and knowledge about laws and public support schemes.
- Requirements (*experiences from freight providers*)
 - Affect price and quality negative.
 - Financial support are more important when buying new vehicles.





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Possibilities

- Freight providers say requirements give more environmentally friendly solutions.
- Public authorities are reliable customers and reduce the risk with investments in new vehicles.
- Requirements contribute to collaboration between municipalities.

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How to succeed with GPP

- Collaboration
 - Create relevant arenas for exchange of knowledge about GPP.
- Standards
 - Templates for requirements and contracts.
 - Standards for monitoring of deliveries and fulfilling of contract obligations.
- Public support schemes
 - Revenue is the most important factor for freight providers.
 - Secure financial support for both vehicles and necessarily infrastructure.
 - Easier applications processes.

Together can this ensure that small municipalities and freight providers contribute to the green shift in the transport sector.





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