

How do transport buyers and suppliers prioritize green transport practices?

Results from a large-scale survey on the Swedish market

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09 October 2019



Transport practices



climate change



air pollution



resource depletion



congestion



noise



vibration



Buyers

final call

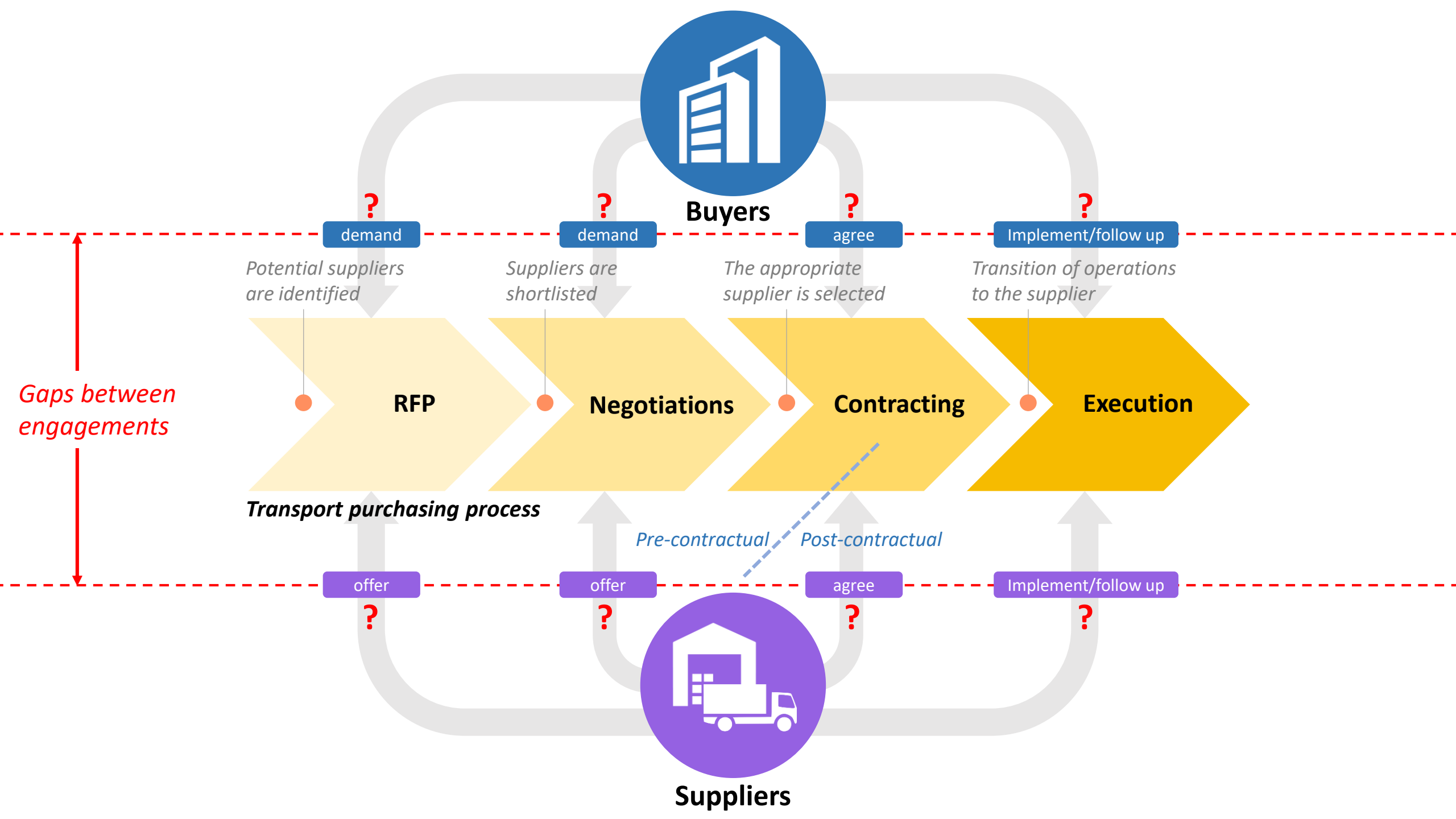
"Greening" of

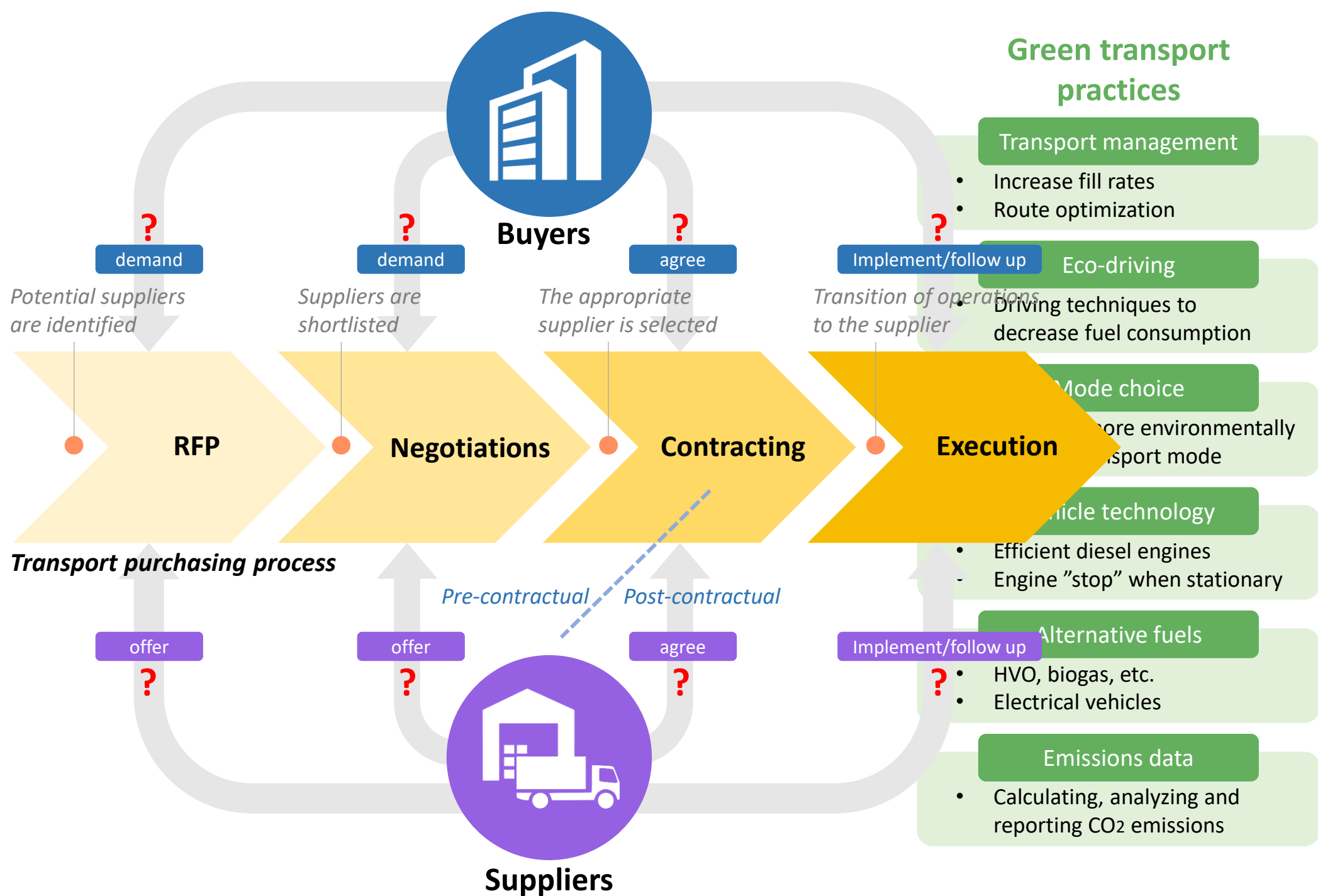
Transport practices

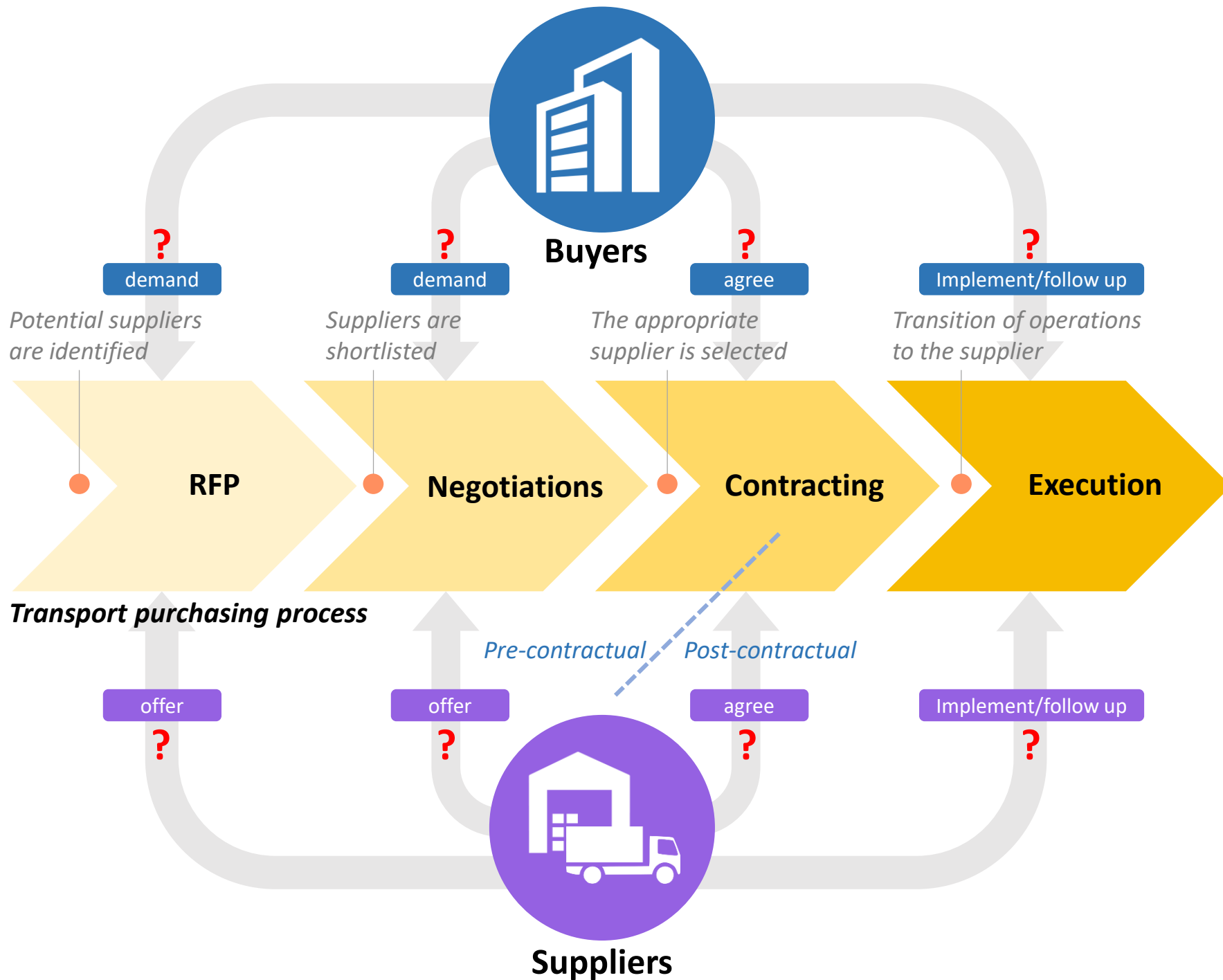


Suppliers

expertise







Green transport practices

Transport management

- Increase fill rates
- Route optimisation

Eco-driving

- Driving techniques to decrease fuel consumption

Mode choice

- Shift to a more environmentally friendly transport mode

Vehicle technology

- Efficient diesel engines
- Engine "stop" when stationary

Alternative fuels

- HVO, biogas, etc.
- Electrical vehicles

Emissions data

- Calculating, analyzing and reporting CO2 emissions

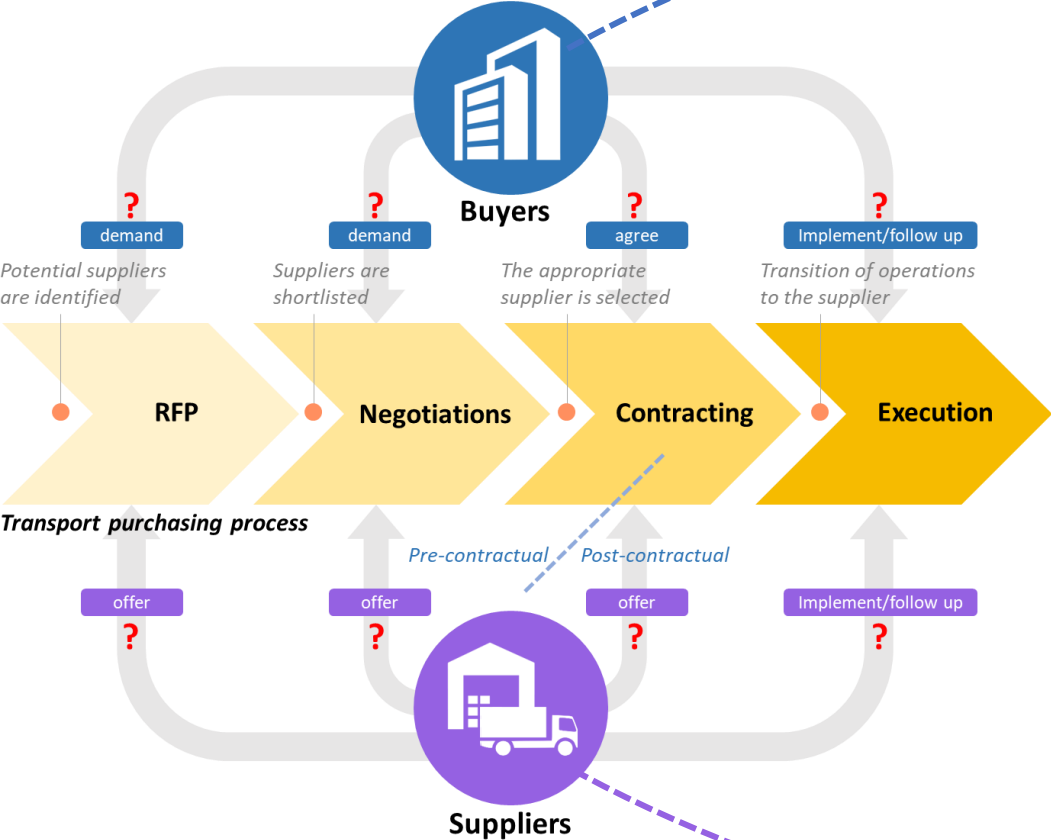
Survey

Nov 2018 – Feb 2019



x169

respondents



x162

respondents

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Industry	n	%
Manufacturing (incl. automotive, machines, metals, electronics, paper, furniture, ...)	85	50.3
Wholesales (incl. household appliances, medical equipment, building material, ...)	44	26.0
Retail (incl. garments, computers and electronics, cosmetics, ...)	16	9.5
Food production (incl. meat production, seafood, bakeries, ...)	12	7.1
Construction (incl. buildings, roads, ...)	6	3.6
IT & telecommunication	3	1.8
Others	3	1.8

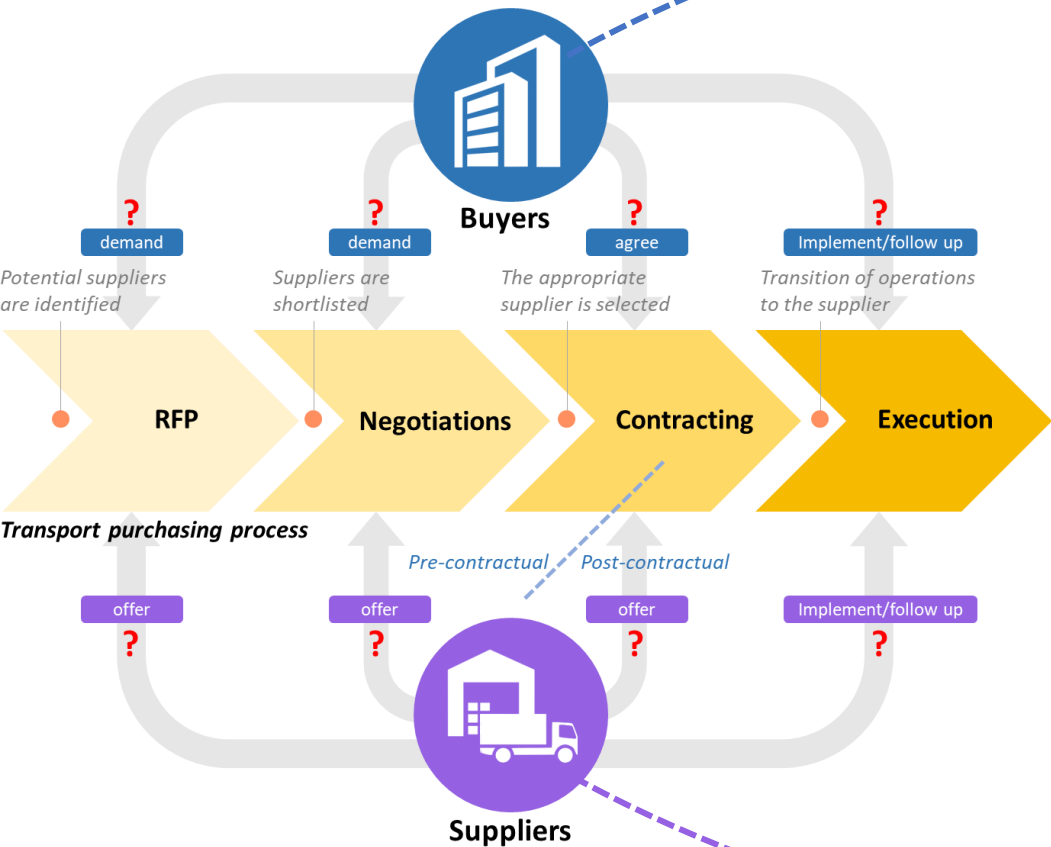
Job position	n	%
Top management	9	5.3
Logistics/supply chain manager	113	66.9
Transportation manager	8	4.7
Purchasing manager	26	15.4
Environmental manager	5	3.0
Sales manager	2	1.2
Others	6	3.6

Job position	n	%
Top management	64	39.5
Logistics/supply chain manager	26	16.0
Transportation manager	8	4.9
Purchasing manager	3	1.9
Environmental manager	36	22.2
Sales manager	10	6.2
Others	15	9.3

Survey



x169



x162

questions

questions

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To what extent do you demand/agree on/implement & follow up **alternative fuels (e.g. HVO, electrical vehicles)** with your transport suppliers in each of the following transport purchasing phases?

	very low				very high
RFP	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Negotiations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Contracting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Execution	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
We don't demand this					<input type="checkbox"/>

To what extent do you offer/agree on/implement & follow up **alternative fuels (e.g. HVO, electrical vehicles)** with your transport buyers in each of the following transport purchasing phases?

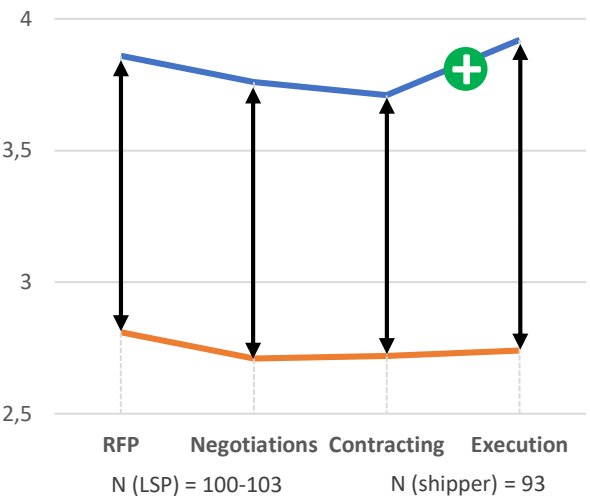
	very low				very high
RFP	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Negotiations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Contracting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Execution	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
We don't offer this					<input type="checkbox"/>

Findings

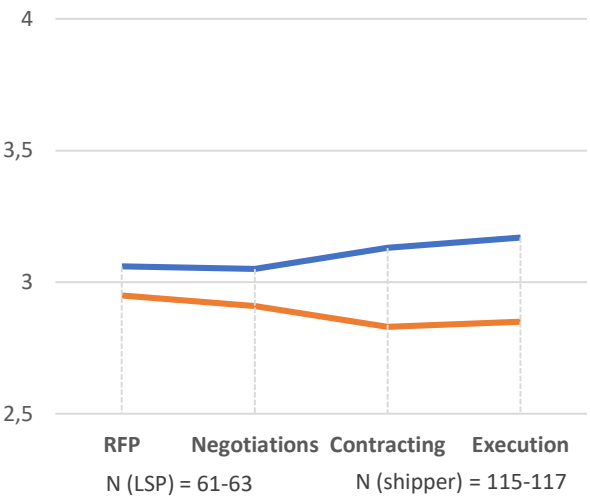
Transport management



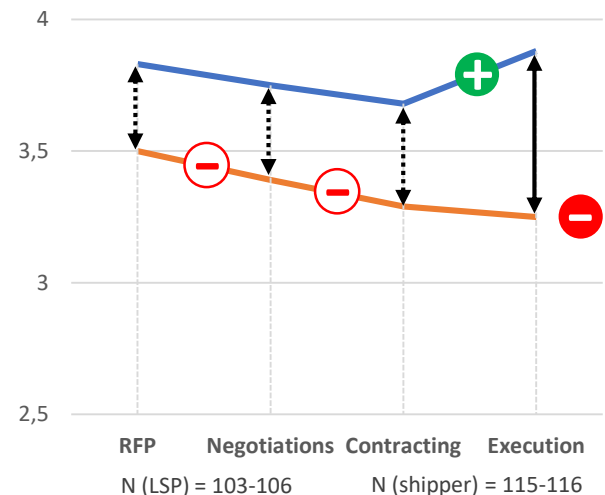
Eco-driving



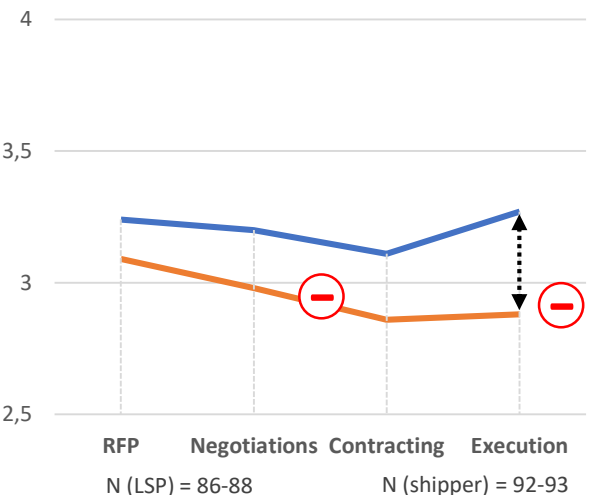
Mode choice



Vehicle technology



Alternative fuels



Emissions data



Prioritization of green transport practices in the Swedish market



Buyers

1. Transport management

2. Emissions data

3. Vehicle technology

4. Alternative fuels

5. Mode choice

6. Eco-driving



Suppliers

1. Transport management

2. Eco-driving

3. Vehicle technology

4. Emissions data

5. Alternative fuels

6. Mode choice

Prioritization of green transport practices in the Swedish market



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Thank you

Questions?



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