

Questback – Shore power

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Questback...

- 22 questions
- Response from 24 Norwegians ports (sent to 55 ports)
- 48 % have competence on shore power within the organization and 52 % do not have competence within the organization

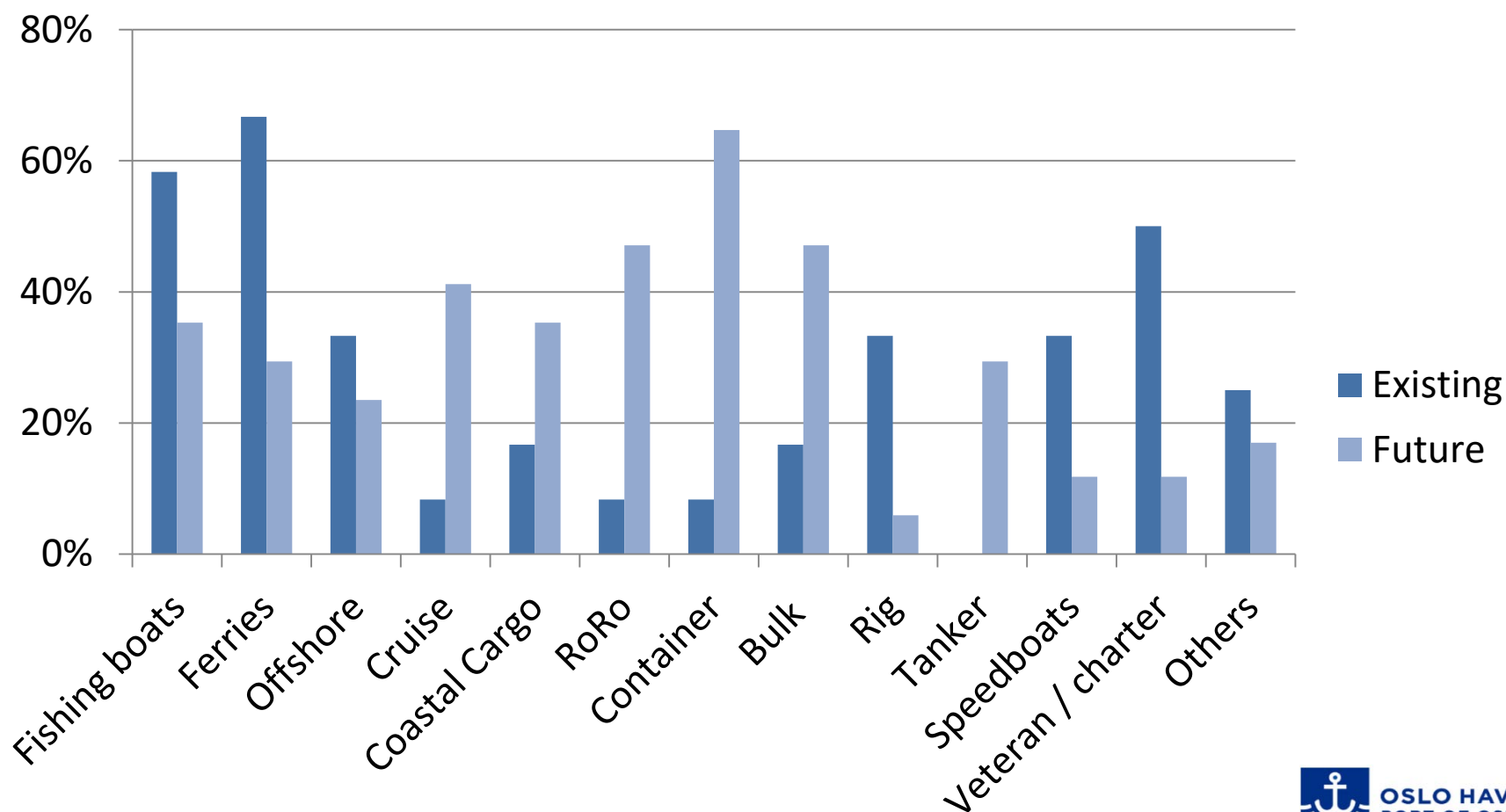


Questback

- 54 % do have shore power in the port today
- 83 % will need shore power in the future and 67 % are already planning for new installations
- As 52 % have sufficient power supply, 43 % does not

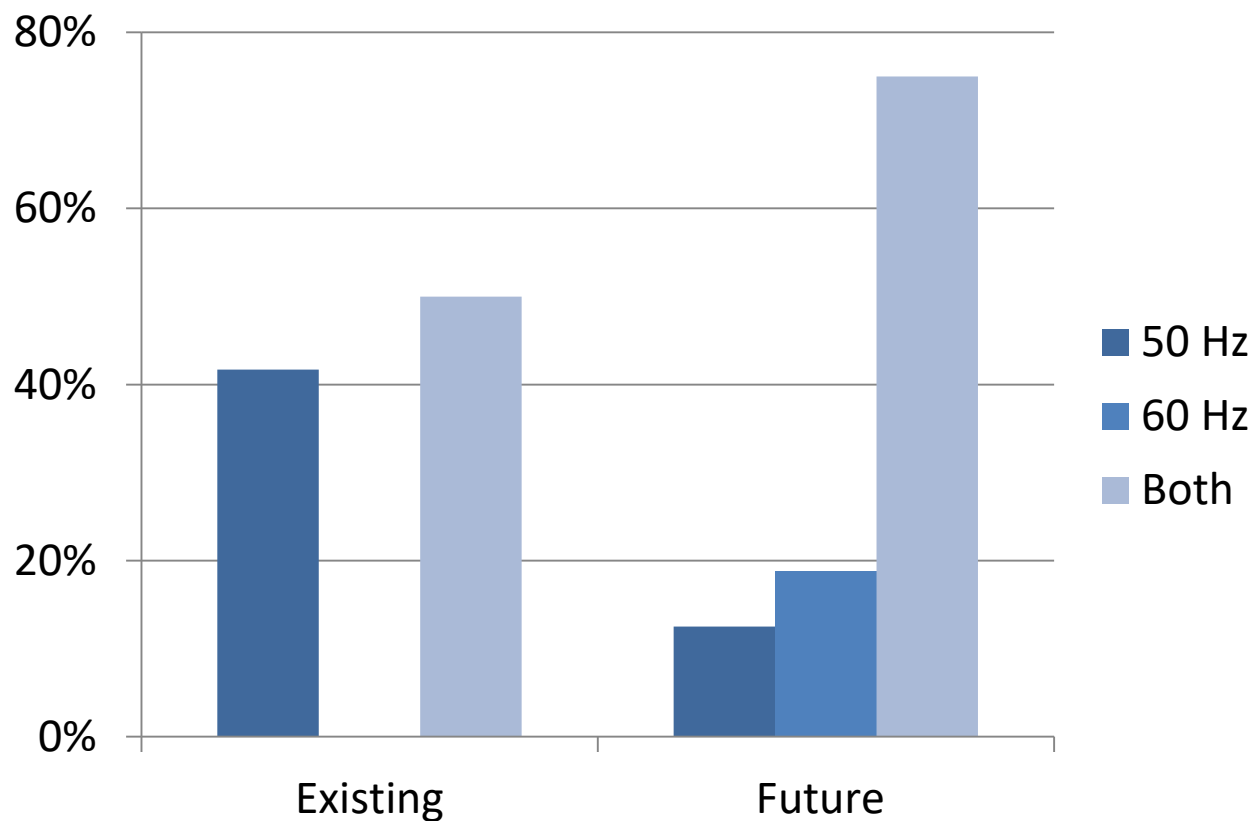


What kind of vessels do offer shore power today, and what kind of vessels will you need for in the future?



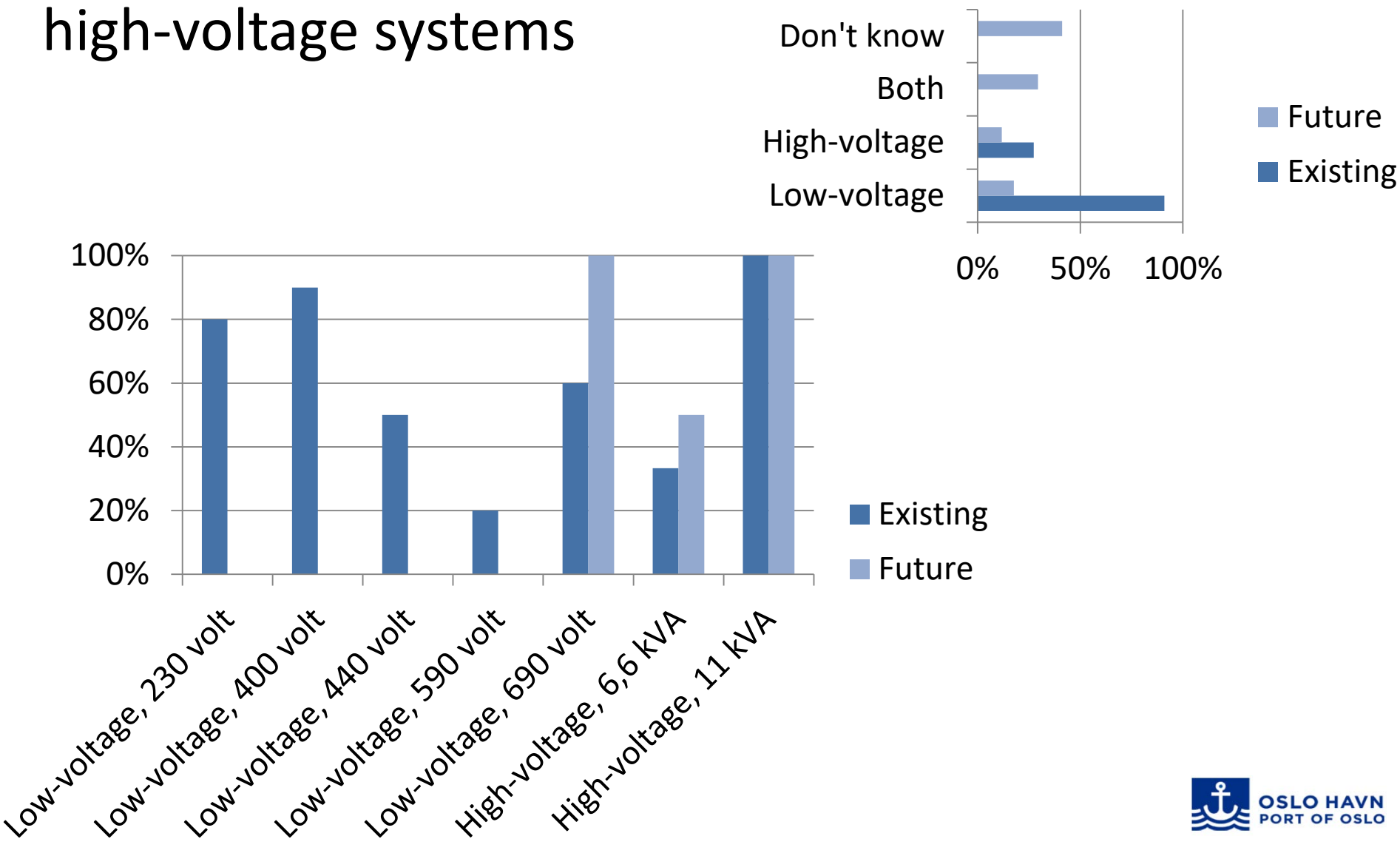


Frequency (Hz) on existing and future shore power installations





Low-voltage and high-voltage systems





Summary - And what to do now?

- Different needs in terms of
 - Power
 - For low-voltage; 230, 400 and 690 volt
 - Voltage
 - Frequency
- So what now?
 - Share information and let's talk together!
 - Reduce technical variation and solutions

