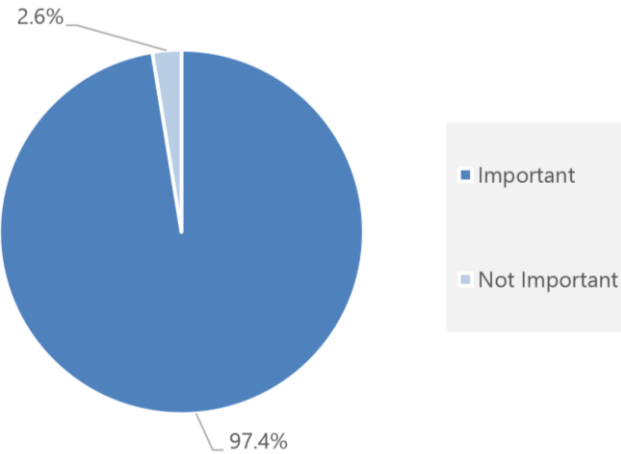


Sark Replacement Power System Resident Survey Nov '22 Results

2. Principles and priorities for the replacement power system

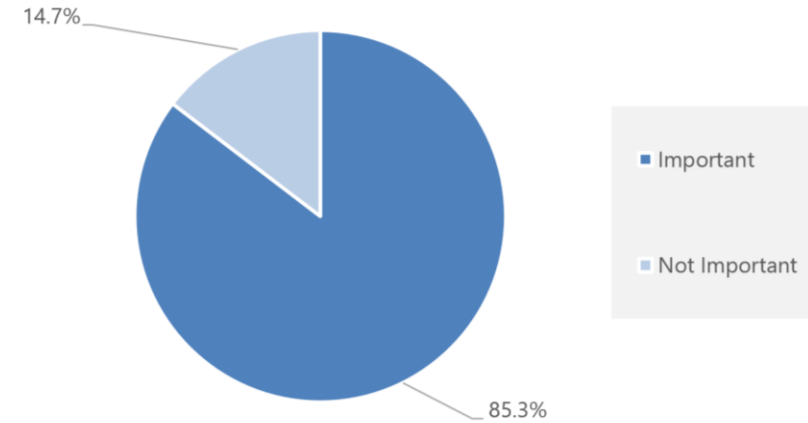
1

Provide a secure and reliable electricity supply at a fair price for Sark.



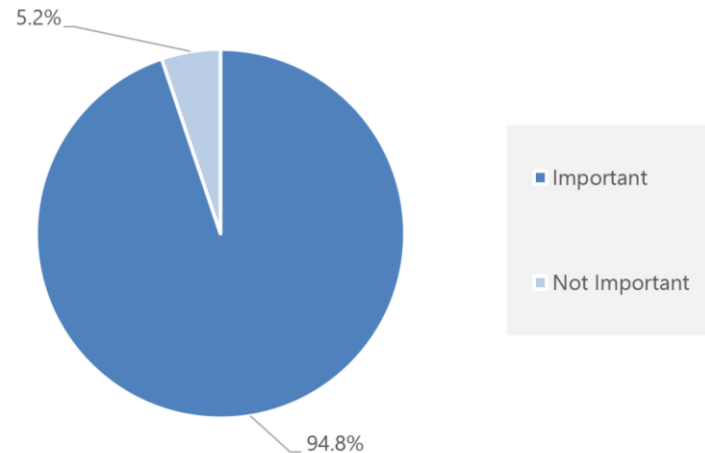
2

A safe system designed, built and maintained to UK standards and best practice.



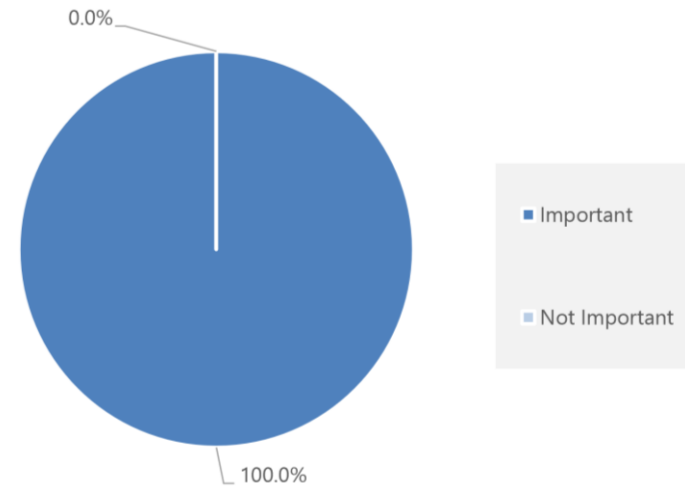
3

Provide energy independence (renewables-based system with back-up generation).



4

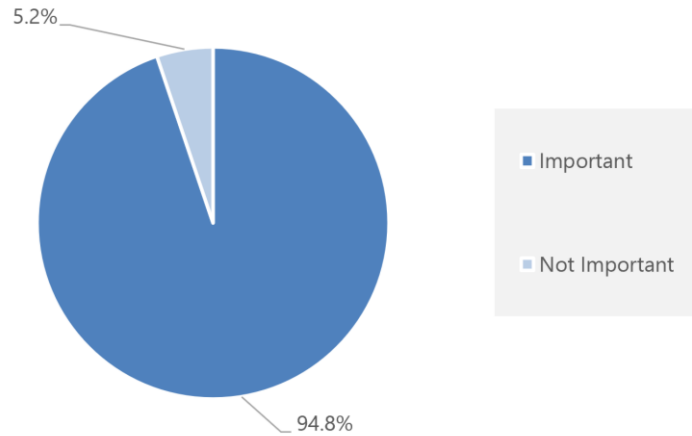
Fair and equal pricing for all islanders.



2. Principles and priorities for the replacement power system

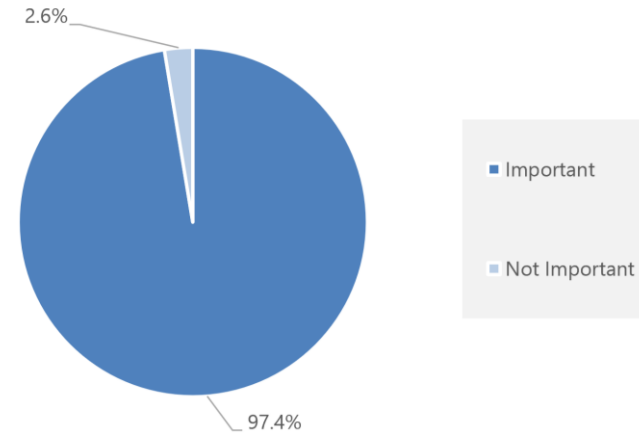
5

Operate under a sustainable open book business model that can demonstrate sufficient reserves are being built up to cover unplanned maintenance and replacements.



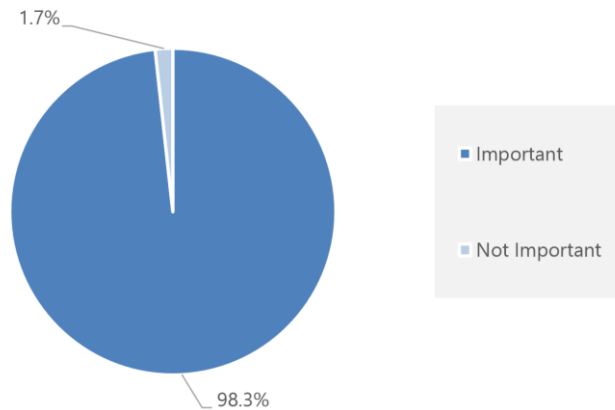
6

Be professionally managed using local workforce where possible.



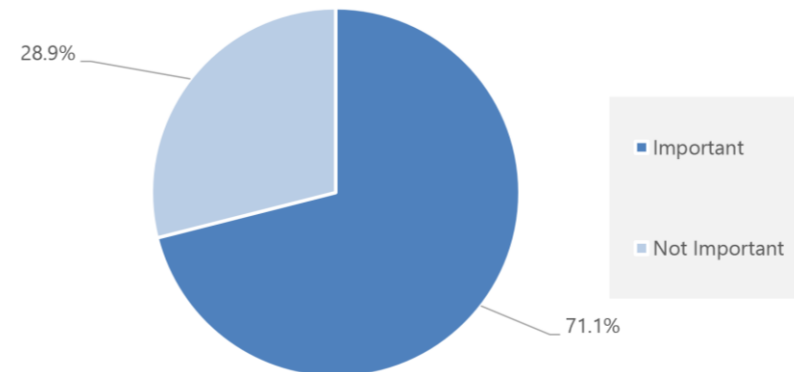
7

Be easily scalable to future needs – including a shift to electricity for heating, cooking and transport and growing business demand.



8

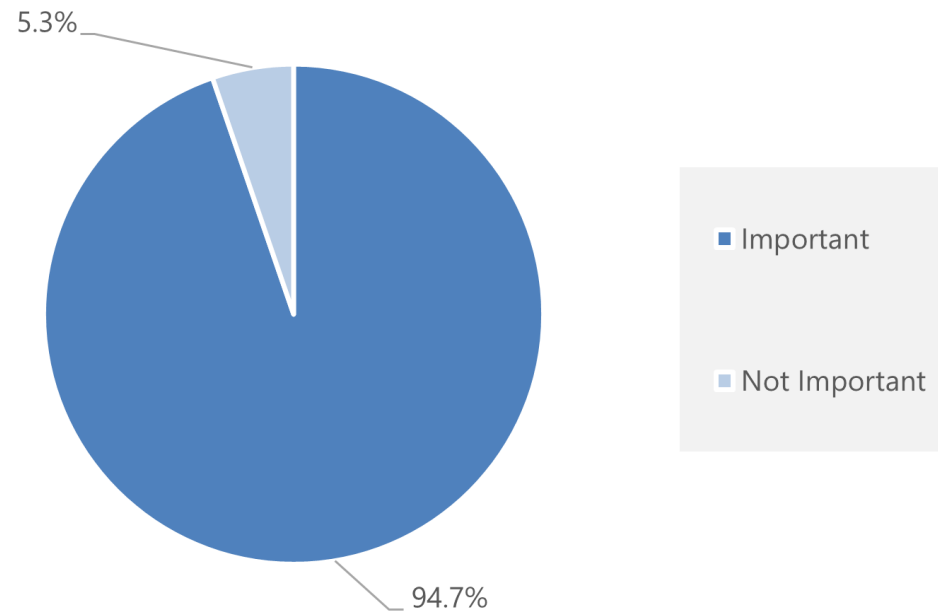
To install a fibre to door broadband network at the same time as the new distribution system is installed.



2. Principles and priorities for the replacement power system

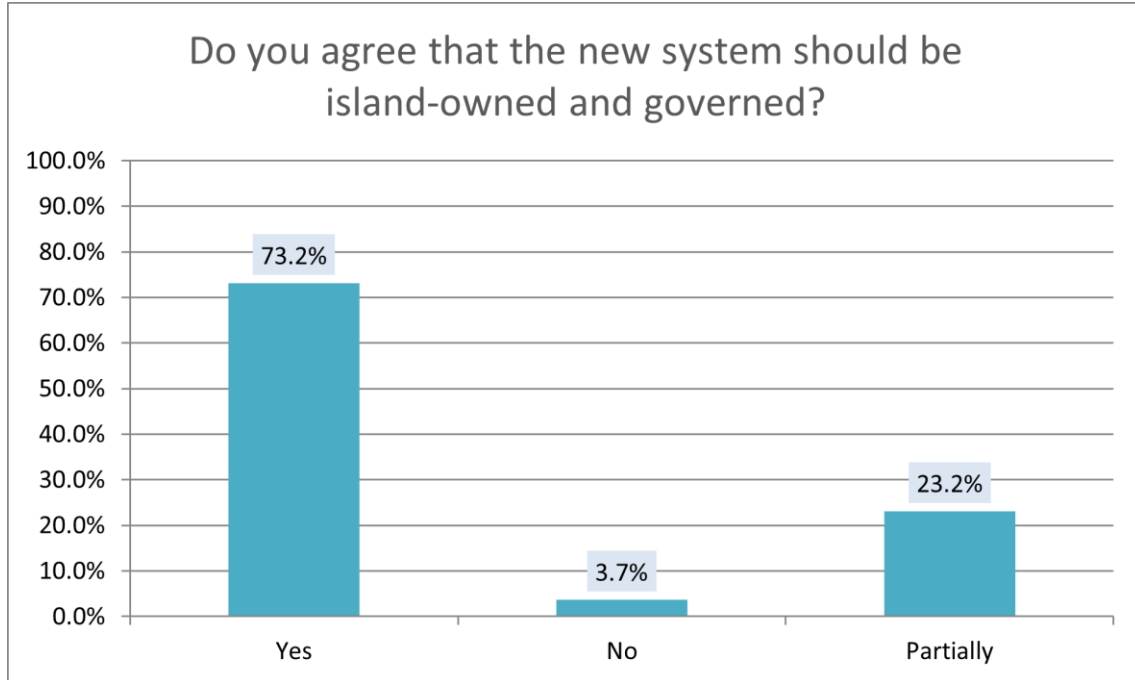
9

To protect Sark's natural beauty and residents quality of life.

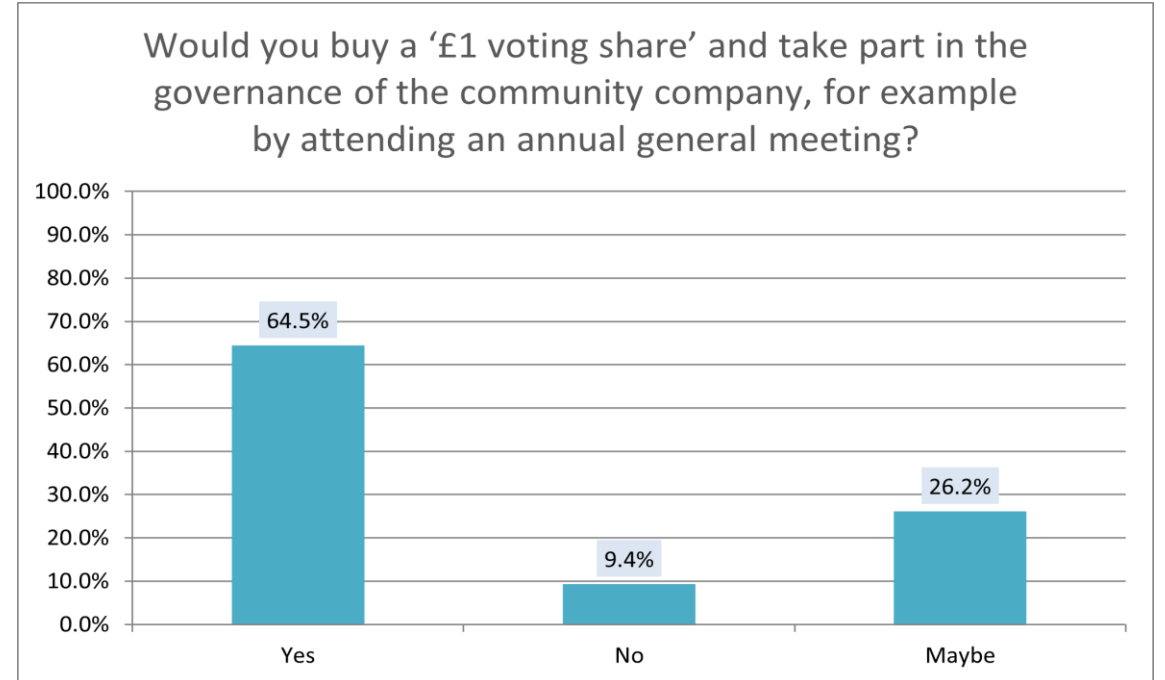


3. Island Ownership Model

1

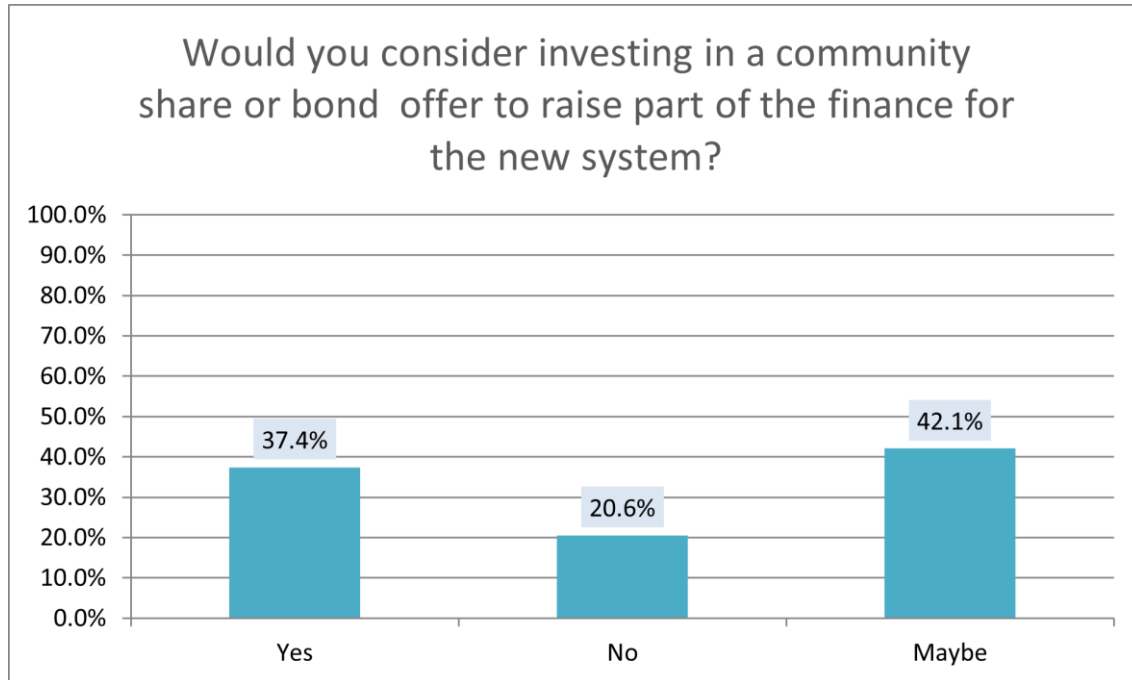


2

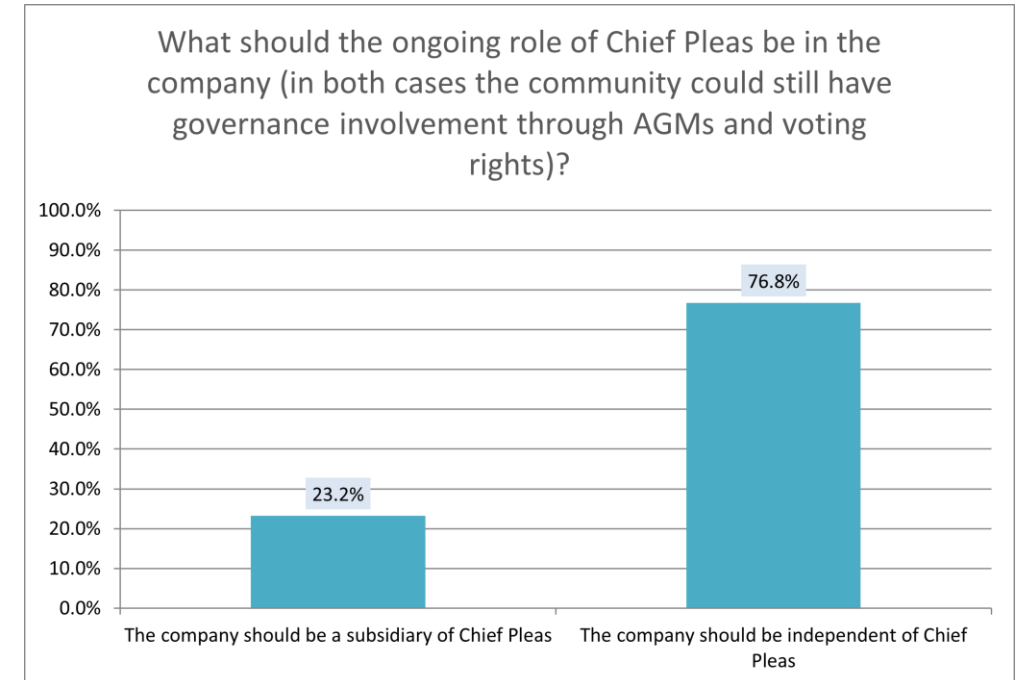


3. Island Ownership Model

3



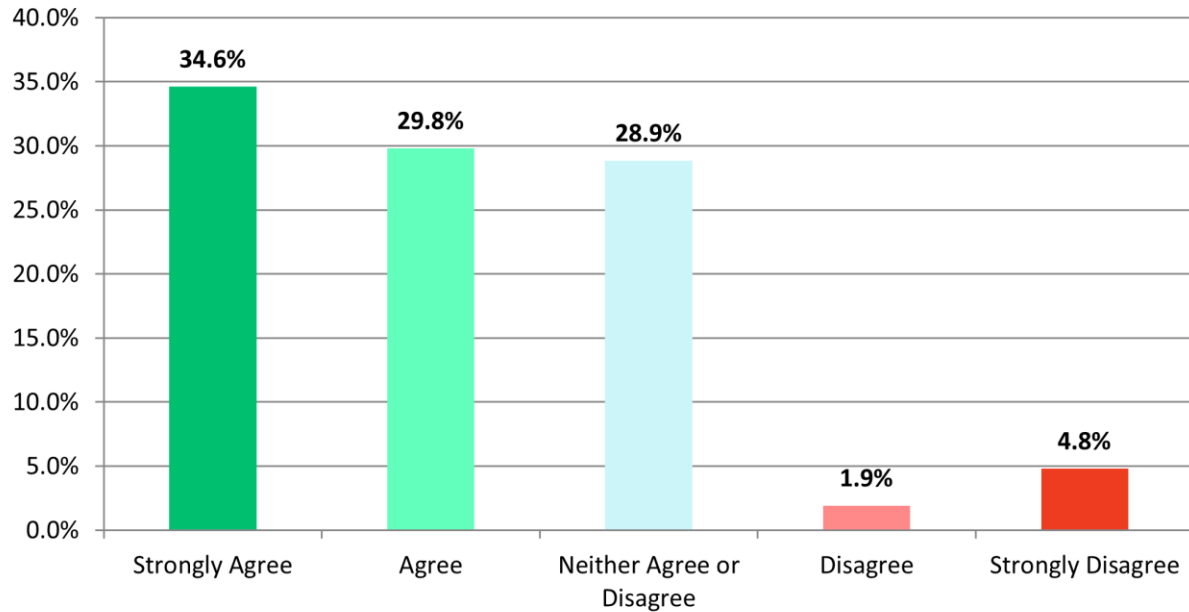
4



4. Technology Options

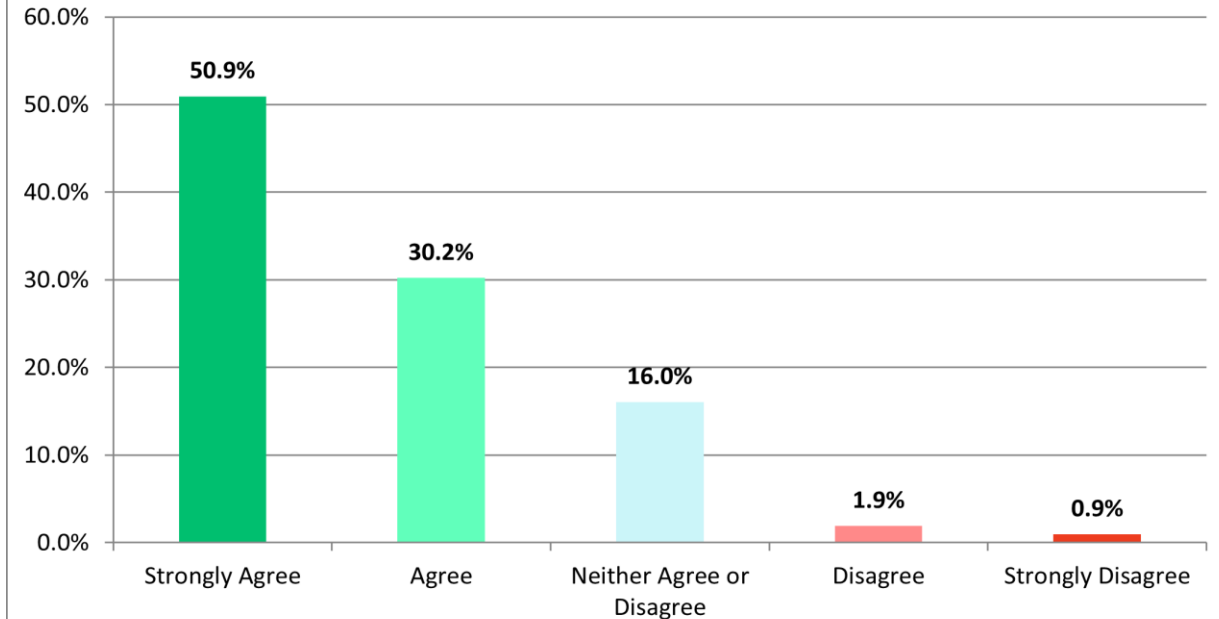
1

Solar power distributed across the island on private land and roofs



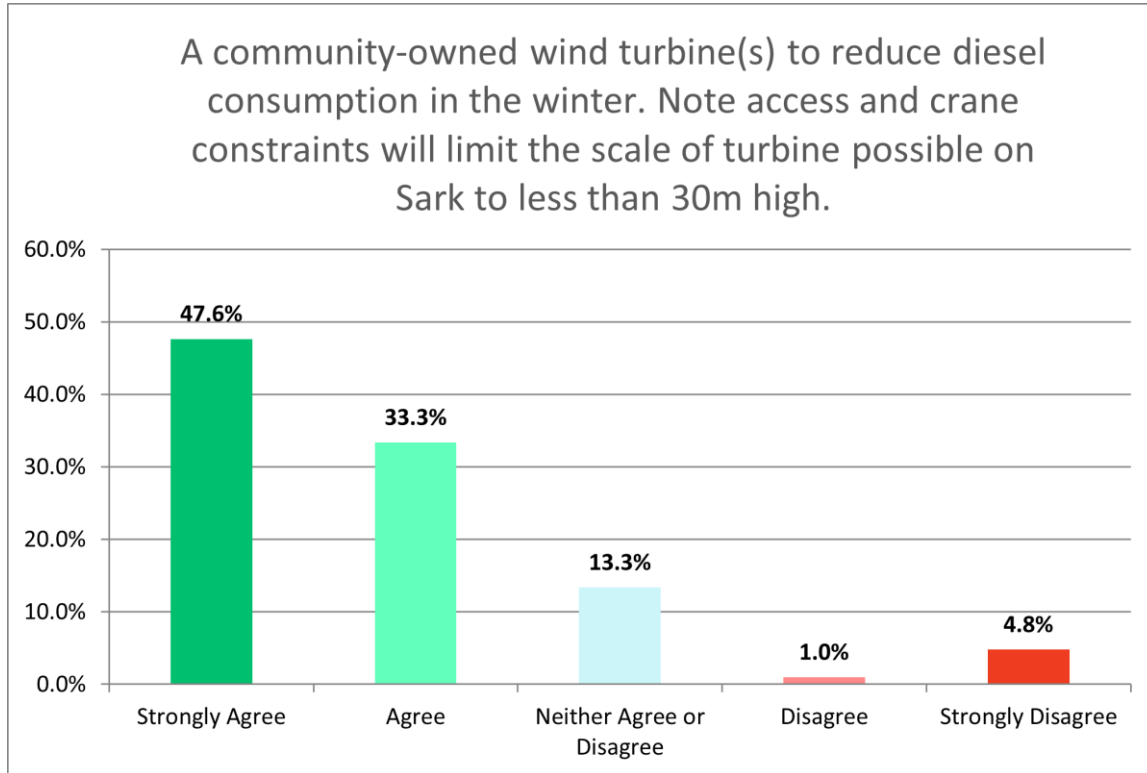
2

A community-owned solar field to reduce diesel consumption in the summer.

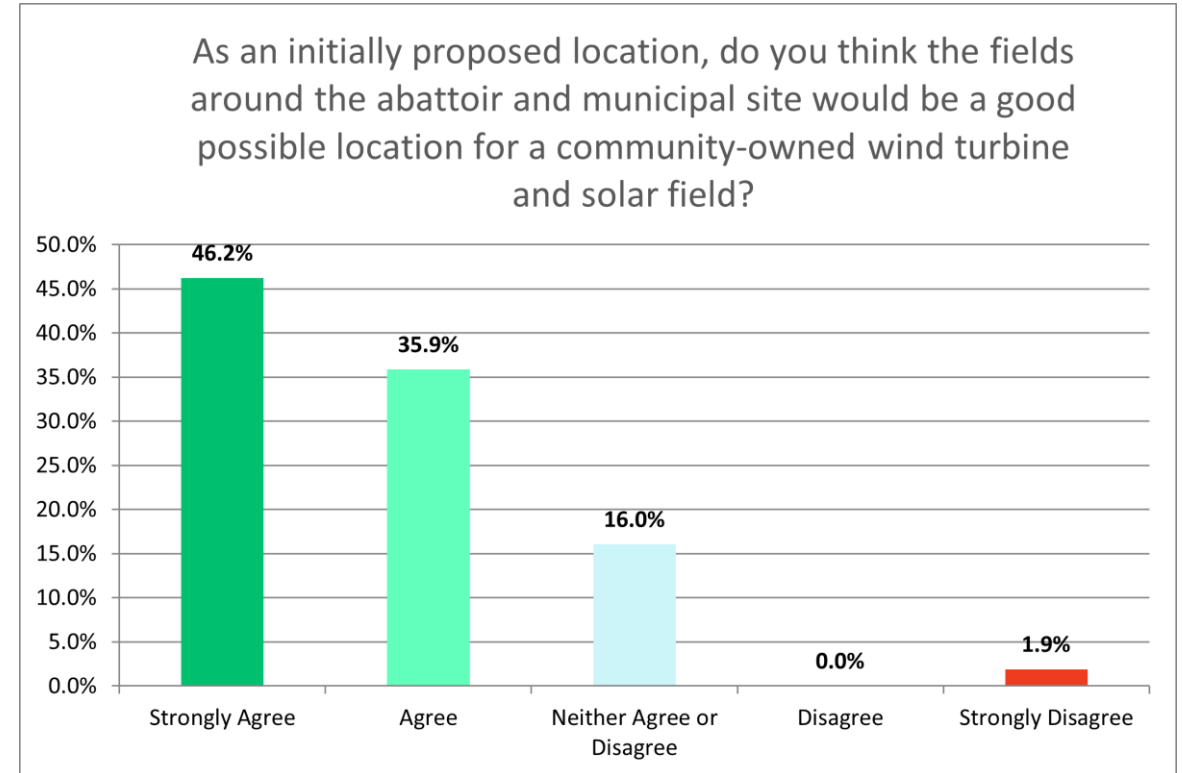


4. Technology Options

3

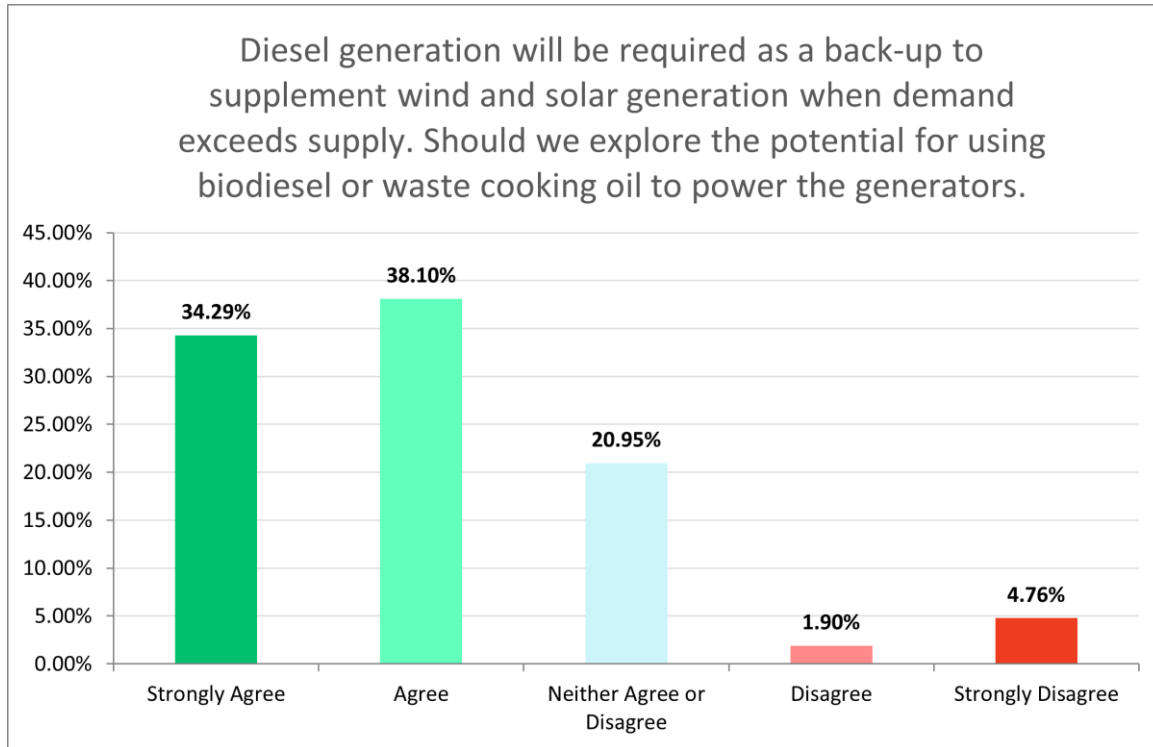


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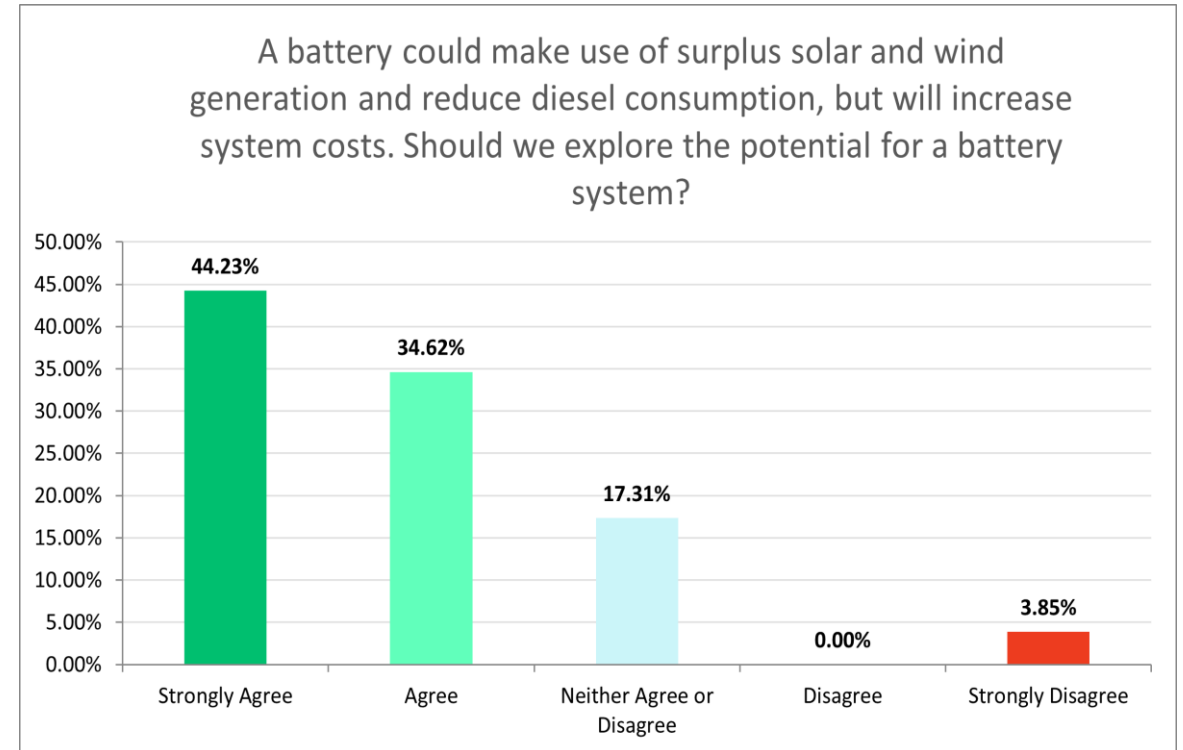


4. Technology Options

6

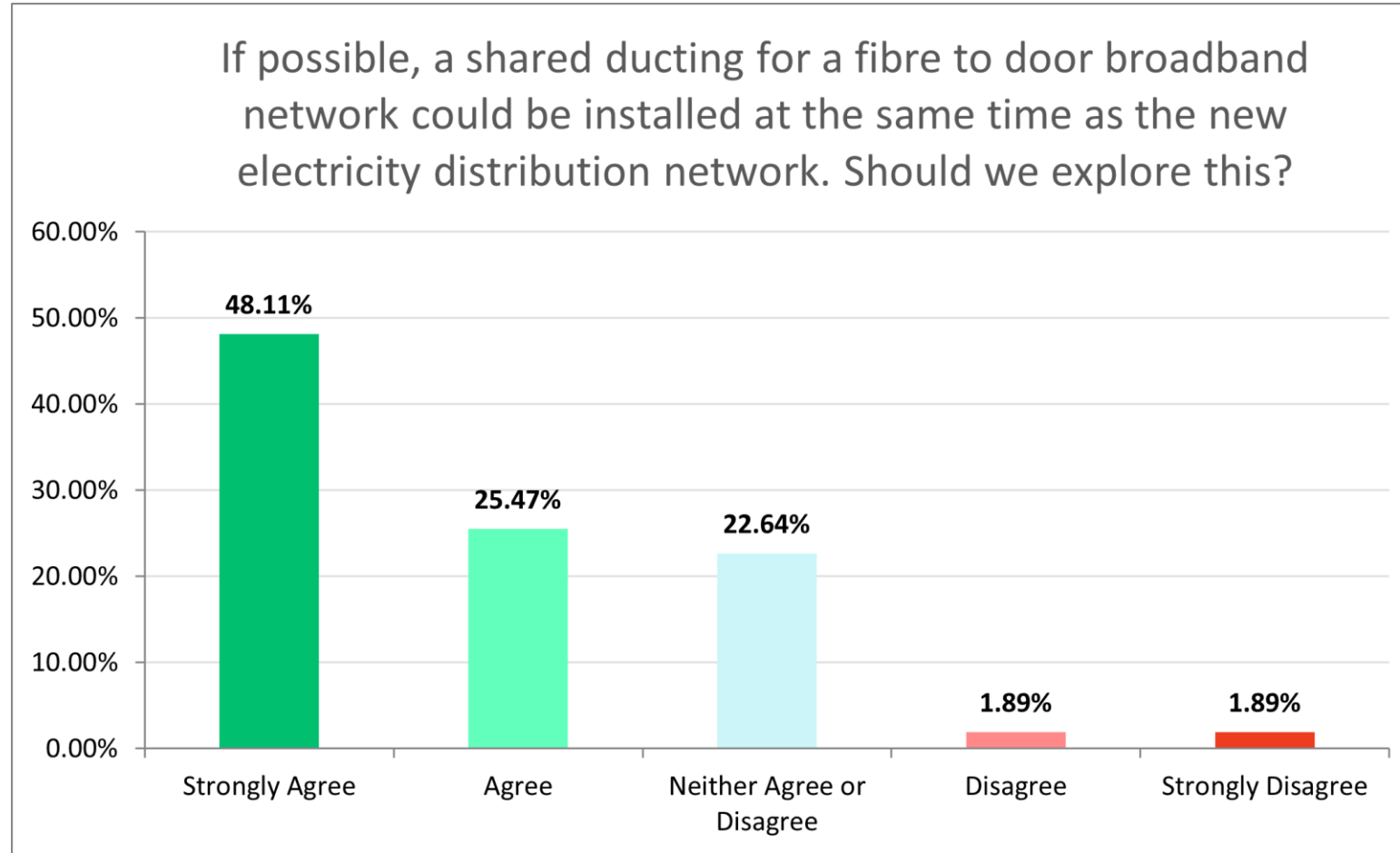


7



4. Technology Options

9



5. Final Questions

