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SOUTHERN GREEN HYDROGEN

Project Update

Energy & Innovation Expo – 24 May 2023

Southern Green Hydrogen

- Proposed project plans to utilise renewable resources of the lower South Island
- Targeting up to 500,000 tpa Green Ammonia Production
- Focused on export & domestic supply



The SGH Participants



- Woodside selected as preferred partner
- Mitsui brought into project for marketing expertise
- Partnership across full value chain of green ammonia*

*Subject to finalising commercial arrangements and receipt of regulatory approvals



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 **Murihiku
Regeneration**

Proposed Marketing Approach



- New export markets for green ammonia (Japan, Korea, Singapore)
- Targeting use for ammonia in co-fired power station, chemicals and as a marine fuel
- Assessing domestic hydrogen use cases and opportunities



Meridian.



Woodside
Energy



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Project Development



- Project participants are currently finalising commercial arrangements governing the project
- Governance arrangements expected to include dual Operator approach until FID to leverage respective strengths
- Committed to safety and environmental standards
- Conversations ongoing with local stakeholders and early work underway



Project Contributions

- Local and regional involvement proposed in all phases of development
- Local focus expected through construction and operations
- Source of green hydrogen for local customers being investigated as well as an export product to help decarbonise NZ and beyond
- Expected to enable further generation in the region



What you can expect from SGH

SOUTHERN GREEN HYDROGEN



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MITSUI & CO.

- Local presence
- Commitment to HSE & Sustainability
- Communication
- Consultation & Engagement
- *Work with* Community & iwi

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