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Global demands are driving a clean energy transition

Electrification of everything

Demand increased 6% in 2021

Green Hydrogen

WA Government Government and corporations setting ambitious CO₂ emission targets

Emergence of ESG and Carbon Credit markets

> Government grants/loans

AUSTRALIAN GOVERNMENTS DRIVING HYDROGEN STRATEGY



The West Australian

18 April 2022

ScoMo's 5000 WA jobs vow in future mining vision







- WA Government aims to be a global leader in Green Hydrogen
- WA Government prioritising development of the industry
 - created Minister for Hydrogen & financial assistance

2030 Targets

- WA's market share of global H2 exports to match its share in LNG today
- 10% green hydrogen blended into domestic gas pipelines
- Hydrogen to be widely used across the mining and regional transport industries

BUILDING A HYDROGEN COMPANY FROM THE GROUND UP



Existing infrastructure surrounding the project puts Frontier in a class of it own in the junior sector



Bristol Springs Solar Farm

Location – 120km from Perth – grid and gas power connection, world class surrounding infrastructure (ports and roads)

Production ready - Stage One on track to commence development (114MWdc) by 2023

Government Support – Government support from both Federal and State



Vertical Integration

Solar Expansion – land opportunities to expand production up to ~500MWdc

Hydrogen production – Study commenced and typical barriers for entry (ie: Major capital projects) are already in place with available access

Hydrogen Sales – first refuelling station ordered for long term integration strategy



Proven team in place

Board and management vast experience in
building projects in
Western Australia &
beyond

Strong connections with both Federal and State governments

Local workforce – highly skilled local workforce to build the project

Capital Structure

270.7m¹ 31.4m

Shares on issue

Options

\$65m

Market Cap

Cash March 22

\$9.0m

Listed investments²

Enterprise Value

ON THE GRID - STAGE ONE SOLAR PRODUCTION





SOUTH WEST INTERCONNECTED SYSTEM (SWIS)

- Kalbarri → Kalgoorlie → Albany (Pilbara and Esperance are isolated)
- Synergy → 1.1 million customers 12,300 GWh & \$2.9B revenue (Synergy annual report 2021)
- BSSF → 114MWdc ~ 230GWh pa

SOLAR IN WA

- Only 5 industrial farms in WA -200MW total
 - Merredin the largest (132MWdc)
 - 50% of production sold to BHP Nickel
 - System losses of 7% per 1000km (assumes AC transmission)
- 275,000 solar systems on rooftops at a combined capacity of around 1.1GW

BRISTOL SPRINGS - FIRST MOVER ADVANTAGE

- First mover advantage BSS has been developing its solar strategy since 2018
- Secured access to the Landwehr terminal including allocation of a 'bay' → no further access available on existing infrastructure
- Freehold landholding provides security against competing land interest (ie: pastoral, mining)
- Land acquisition opportunities provide path to significant growth

BRISTOL SPRINGS PROJECT



Stage One -114MWdc solar farm



120km south of Perth



~180,000 tonnes of CO2 per annum



Commence construction – 2023



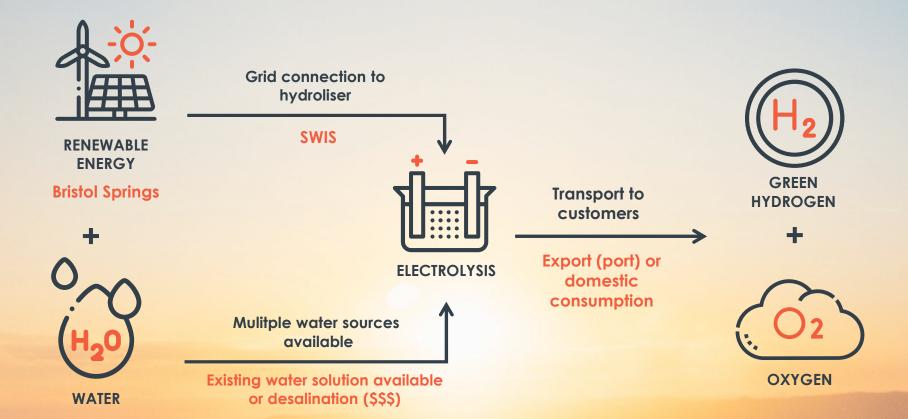
~45,000 homes powered



To view a Virtual Site Trip to Bristol Springs visit: https://frontierhe.com/videos/

THE HOW OF GREEN HYDROGEN PRODUCTION





GREEN HYDROGEN PRODUCTION - BRISTOL SPRINGS



A major barrier for entry to clean energy and hydrogen is location & access to existing transmission infrastructure Frontier is strategically located close to existing and future infrastructure requirements that importantly has spare capacity



Grid Connection Landwehr Power Terminal / SWIS 33/330kV transformer 3.5km from BSS



Gas Connection Waroona Gas Terminal Dampier – Bunbury Pipeline (DBNGP) 4km from BSS



Port Infrastructure Global export Bunbury port - 60km Kwinana port - 85km Henderson Port - 95km



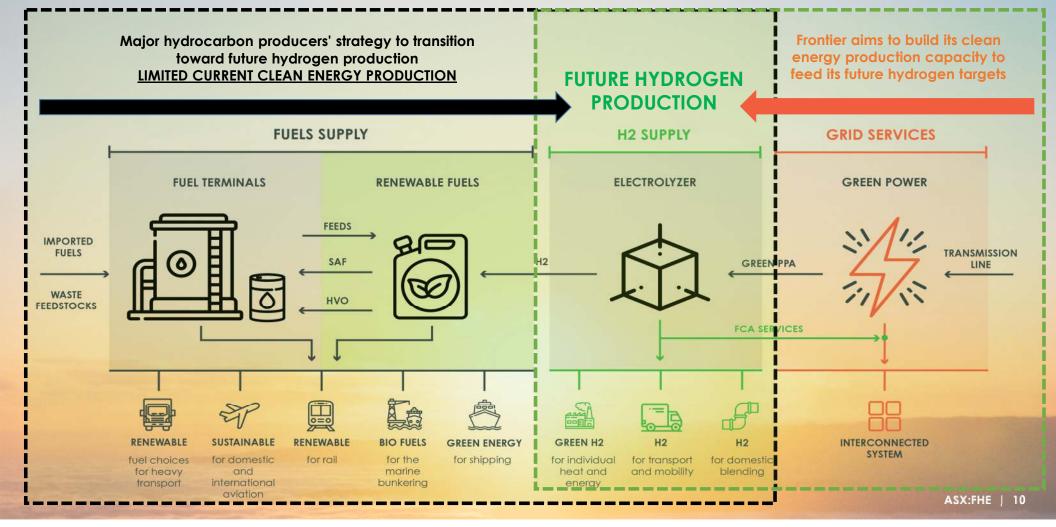
Skilled Workforce 164,000 people > 60km Waroona - 8km Bunbury - 60km Mandurah - 45km



Clean Water Critical element for hydrogen 10Litres $H_2O = 1$ kg H

WHAT GLOBAL ENERGY TRANSITION LOOKS LIKE





EARLY MOVER ADVANTAGE -> REFUELLING STATION STRATEG

- Vertical integration across hydrogen industry
- A hydrogen refuelling station has been ordered
 - Prime location in Central Perth
 - One of the first hydrogen refuelling stations to be built and operating in Western Australia
- First refuelling station operational by 2023
- Several more locations across Western Australia are being planned to create a "hydrogen highway"

Western Australia fuel strategy

- Strategy to reduce reliance on diesel fuel imports
 - → WA imports 6.7B litres diesel p.a.¹
- Hydrogen identified as a key fuel source to reduce this reliance
- Hydrogen is ideally suited to replace diesel in long haul transport and mining industry via fuel cell technology



PATHWAY TO GREEN HYDROGEN PRODUCTION



STAGE ONE

STAGE TWO

LONG TERM

Solar Project 114MW - 2023

- 114MWdc Solar Farm at Bristol Springs
- Solar expansion, wind, BESS, Hydrogen Studies completed
- Secure offtake and financina
- FID & construction 2022/23
 - ~18-month construction
- Hydrogen refuelling station

Renewable Energy 500MW - 2026

- Expansion to ~500MWdc renewables
 - Solar expansion, wind & BESS
 - Hydrogen refuelling facilities - "Hydrogen Highway"
 - H2 export opportunities via Bunbury
- Strategic partnerships with significant energy consumers

Green Hydrogen Beyond 2026

- Expand to +1GW renewable energy
- Establish major Hydrogen production hub in SW WA
- Explore domestic hydrogen led power generation in SW WA

Develop an industrial scale renewables and green hydrogen manufacturing, supply and export company supporting Australia's Green Hydrogen Strategy

WHY FRONTIER ENERGY?

RENEWABLE ENERGY SOLUTION IN ONE OF AUSTRALIA'S FASTEST GROWING REGIONS

Located in the industrial heart of WA with world-class infrastructure

First mover in a booming sector

Major expansion potential

Proven board and management team with development experience



Milestones for 2022

Complete Detailed Design



Agreements & MOU's with prospective partners for development



Solar Expansion,
Green Hydrogen
& alternative
power solutions
updates

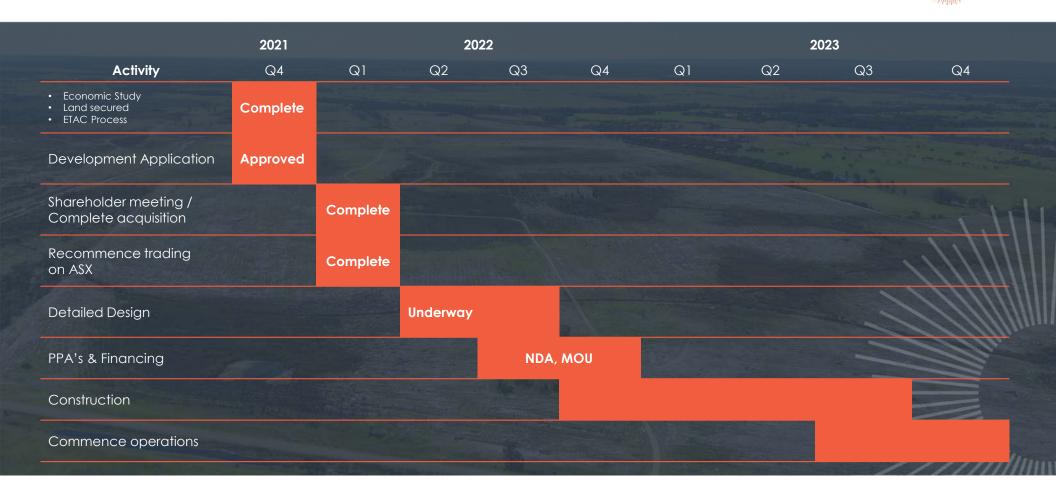


BSS Project Financing and long lead items





APPENDIX 1 - INDICATIVE TIMELINE - BSSP 114MWdc



FRONTIER

APPENDIX 2 - DIRECTORS





Grant Davey - Non Executive Chair

Mr Davey is an entrepreneur with 30 years of senior management and operational experience in the development, construction and operation of precious metals, base metals, uranium and bulk commodities throughout the world.

He is currently a Director of Cradle Resources Limited (ASX:CXX) and Lotus Resources Limited (ASX: LOT) and is a member of the Australian Institute of Company Directors.



Mike Young – Managing Director

Mr Young is a resource executive with extensive experience in managing public companies, through feasibility, stakeholder engagement, and ultimately into production.

Most recently, Mr Young was the CEO and Managing Director of Vimy Resources Limited (ASX: VMY).



Chris Bath – Executive Director

Mr Chris Bath is a Chartered Accountant and member of the Australian Institute of Company Directors, and has been CFO for companies listed on AIM, ASX and JSX.

Mr Bath is also a non-executive director and company secretary of Cradle Resources Limited (AS:CXX).



Dixie Marshall – Non- Executive Director Ms Marshall has more than 38 years' experience in media, advertising, politics, and communications across a range of platforms, including television, radio, newspapers, and digital. She has won awards for journalism, and more recently advertising.

She is the first woman Managing Director of Marketforce, WA's oldest advertising agency and previously worked from the Premier's Office for 6 years as the Director of Strategic Communications for the WA Government.