

Pacific American Holdings Limited

(ASX:PAK)

Corporate Presentation

Nov 2019

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HOLDINGS**

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Competent Person Statement

The information in this document that relates to JORC 2012 Resources based on information compiled by Mr. Dwight Kinnes, B.Sc Colorado State University, Geology, who is a Member of a Recognised Overseas Professional Organisation (ROPO) included in a list promulgated by the ASX from time to time, being the Society for Mining, Metallurgy, and Exploration (Registered Member No. 4063295), and American Institute of Professional Geologists (Cert. No. 10244).

Mr Kinnes is Principal Consultant/President of Highland GeoComputing, LLC and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration by them and to the activity which they are undertaking to qualify as a 'Competent Person' as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code 2012). Mr Kinnes consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Company Overview



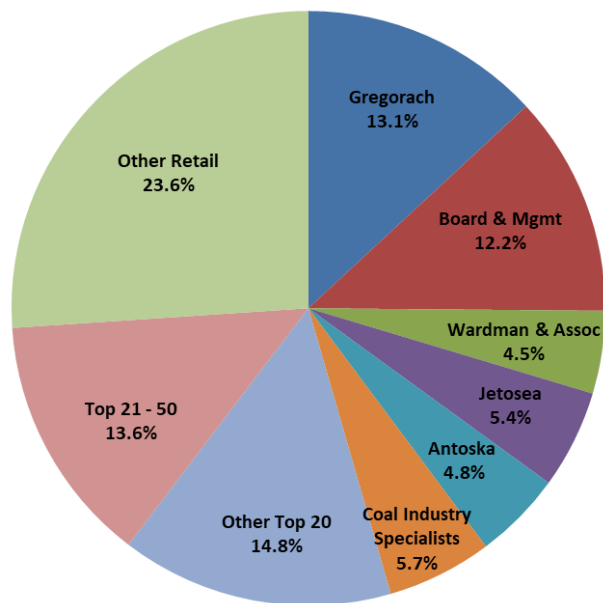
Capital Structure

ASX:	PAK
Shares on Issue	178,541,184
Share Price	\$0.032
Market Capitalisation:	\$5.71M
Cash on Hand (as at 30 Sept 2019):	\$437K
Debt:	\$0

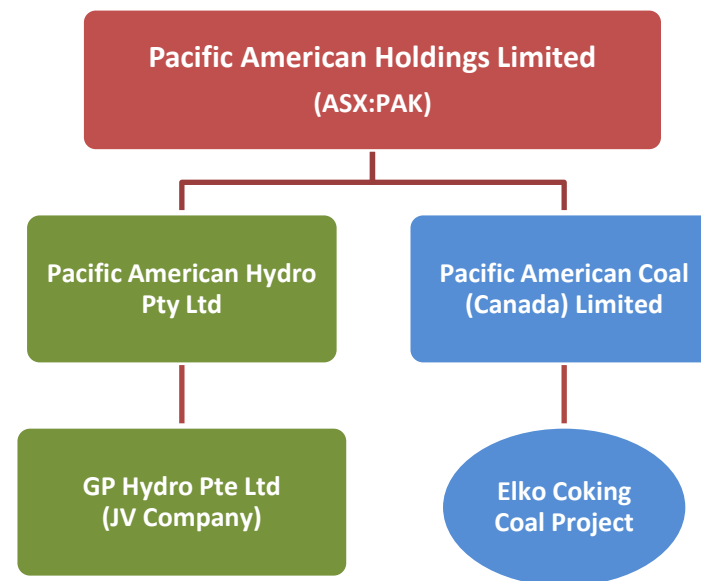
Board & Management

Non-Executive Chairman	Geoff Hill
Executive Director & CEO	Mark Sykes
Non-Executive Director	Simon Bird
VP – Business Development	Dom Hill
Coal - CEO	Matt Wall
Coal – VP Ops	David Thompson

Major Shareholders



Corporate Structure



Elko Coking Coal Project

British Columbia
Canada



1

Large, High Quality Canadian Coking Coal Asset

303.1MM Mt JORC resource across nine identified coal seams

2

Strategic Location with Access to Global Coal Markets

Strategically located in close proximity to key infrastructure with nearby rail access and available port capacity

3

Low Capital Intensity

With seams outcropping at surface, PAK intends to leverage direct access to reduce extraction costs and drive cash flow

4

Highly Attractive, Comparable Cash Cost

Independent analysis indicates the operational cash cost at Elko is expected to be in-line with Canadian benchmark producers in the area

5

Strong Relationship with First Nations

Early engagement with First Nations groups and contracts with First Nations entities to conduct project-related environmental work

6

Seasoned and Dedicated Team

PAK and parent Pacific American Holdings bring together a team of experienced coal industry experts to advance the Elko Coking Coal Project

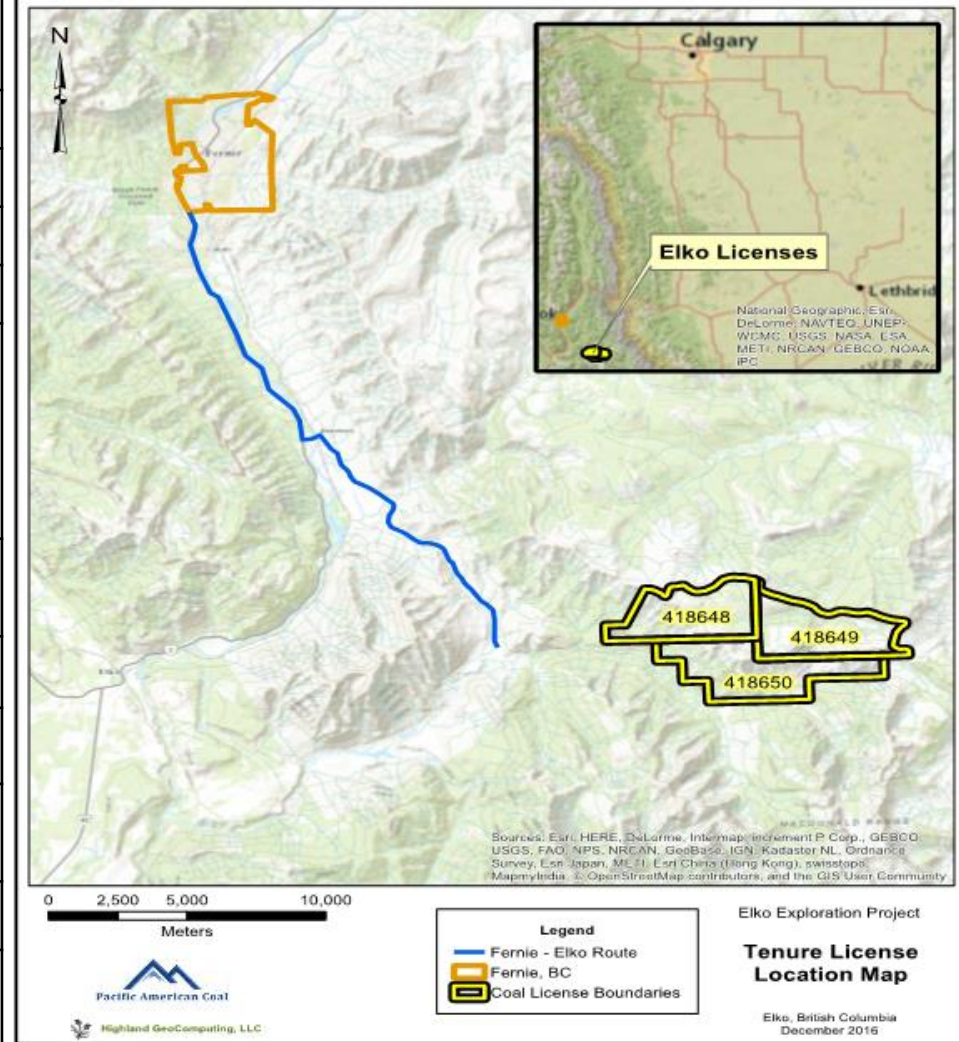
7

Pre-Feasibility Funding Expected to Drive Value Creation

Completion of Pre-Feasibility Study may drive significant estimated based on similar projects in the area.

Asset Summary

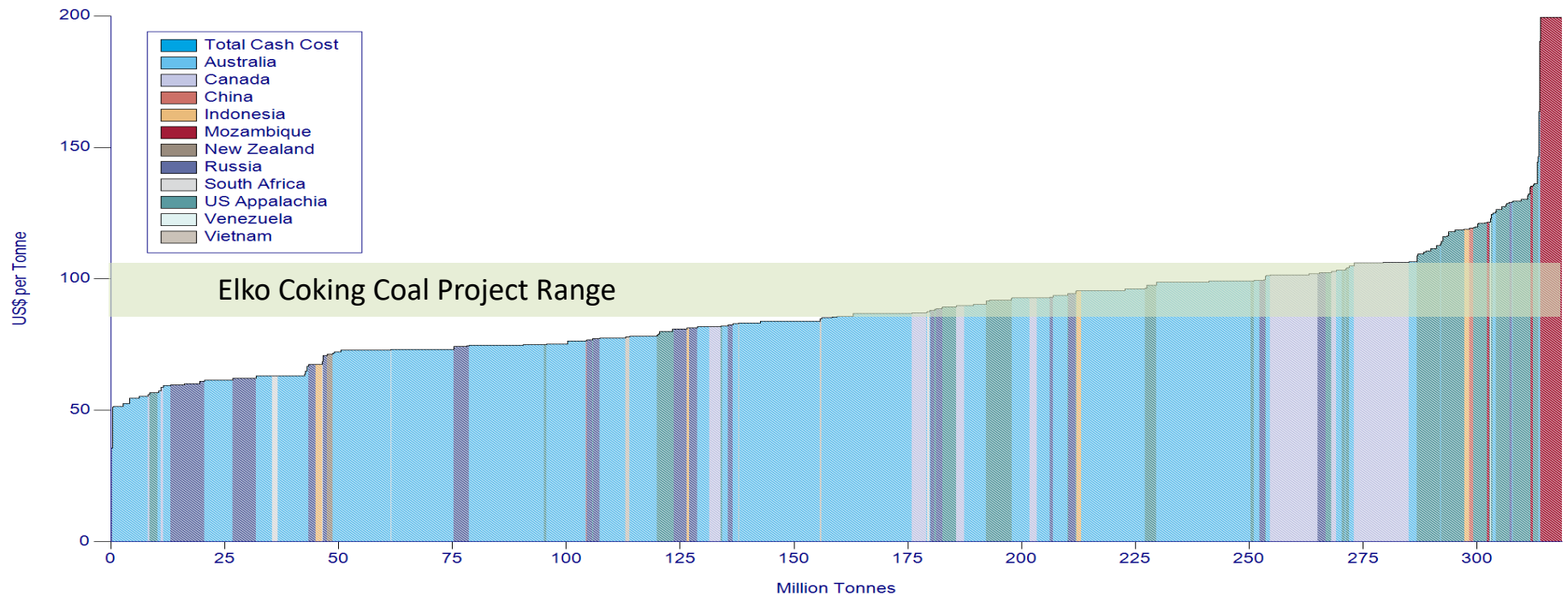
Location:	East Kootenay Coal Basin Crowsnest Coal Field
PAK Ownership:	100%
Area	3,570 Hectares (3 adjoining tenements)
Environmental Status	Highly disturbed land (logging)
Product Coal Type:	Hard coking coal to semi hard coking coal
Resources Million Tonnes ⁽¹⁾ :	
Measured	117.6
Indicated	93.2
Inferred	92.3
Total Resource	303.1
Coal Seams:	9 Seams Multiple seams are mineable thickness
Mining Method	Underground
Logistics	Existing rail and port infrastructure
Approvals	Notice of Work for the Western Coal License valid until September 2024
Mine Life ⁽²⁾	20+ years
Validation	Historical metallurgical testing was completed by Japanese trading houses



(1) Elko Coking Coal Project JORC Resource report announced on 16 January 2019.

(2) PAK Estimates

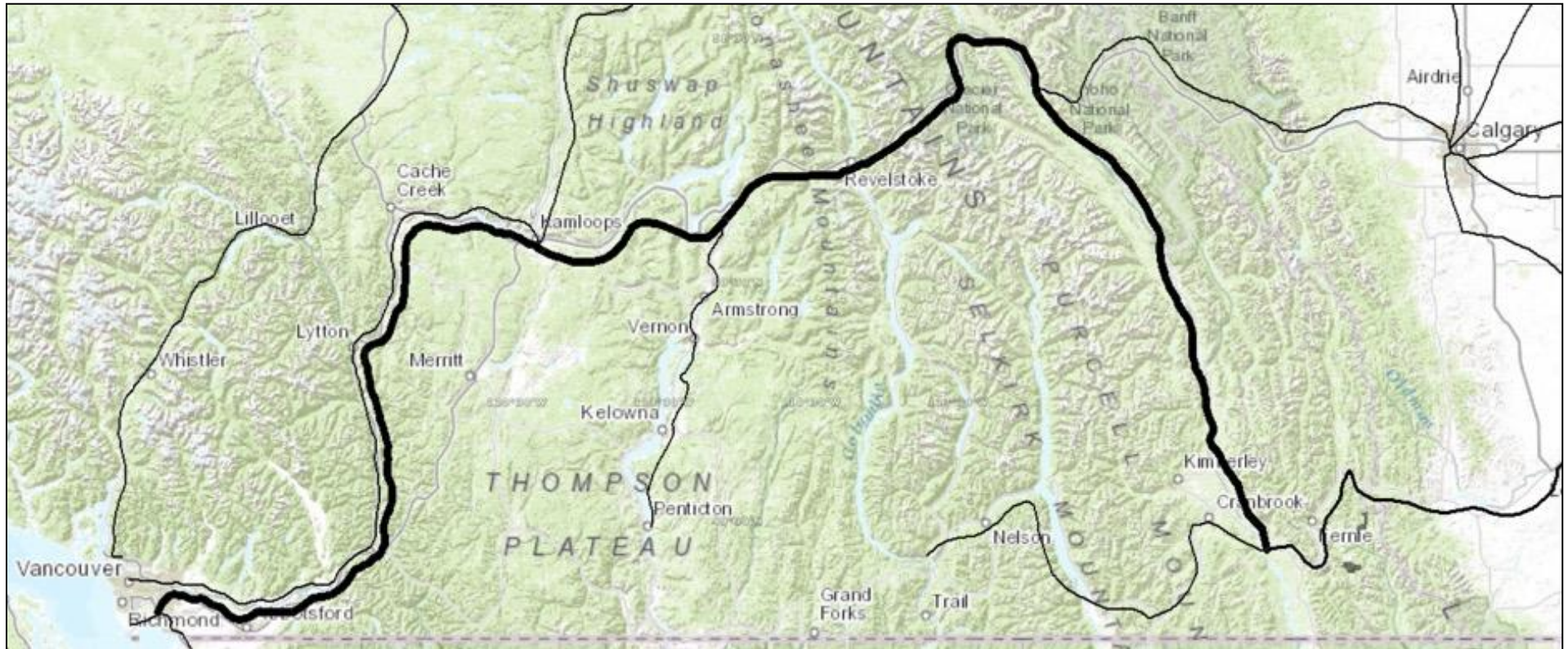
Total Cash Cost Curve



- Elko FOB cash cost estimate are consistent with the attractive Canadian cost structure
- Canadian producers are typically in the 2nd - 3rd cost quartile
- Western Canada has a more favorable cost structure than other North America coking coal regions
- Dept of Industry Data identifies
 - Met coal market 325Mt in 2018, Export Australian (178), USA (55) Canada (30), Russia (26)
 - Metallurgical coal is a non-substitutable raw material in the production of steel from iron ore

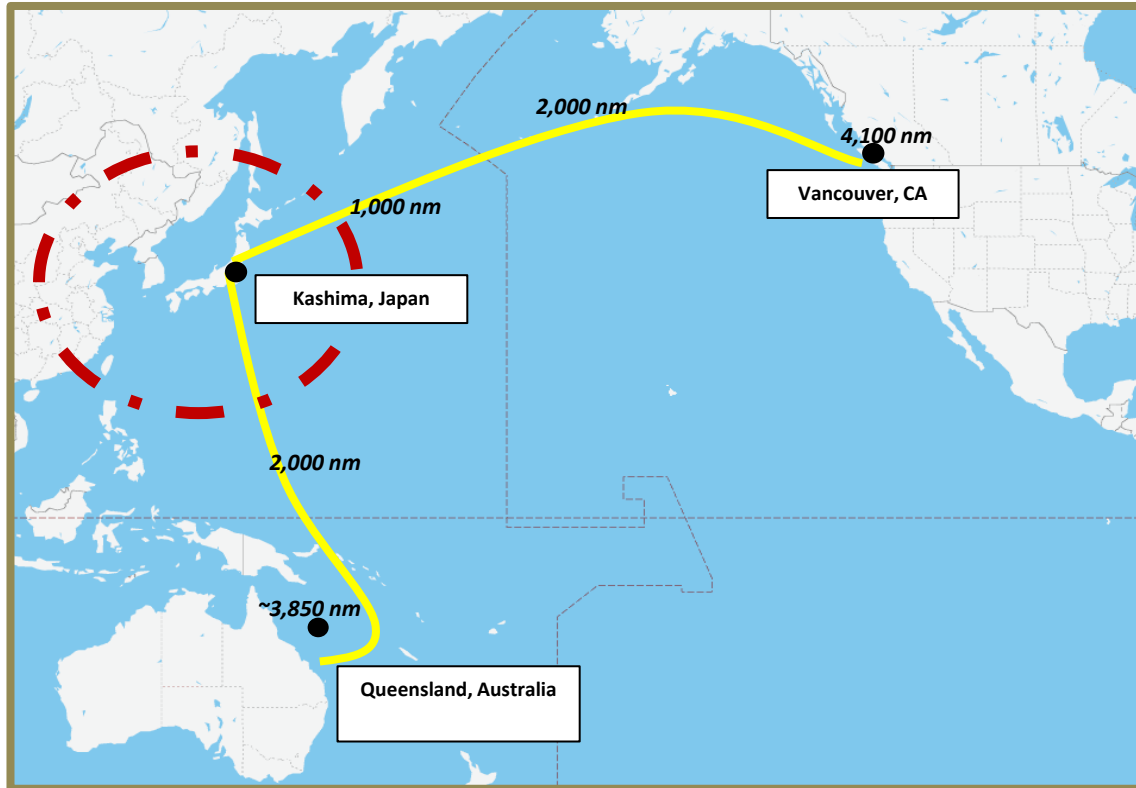
Total Cash Cost includes Mine site costs, Rail, Port, Royalties and Levies

Existing road and rail infrastructure expedites development of Elko



- Existing roads to accommodate trucking of Elko coal ~20km to railhead
- Rail lines for cost-effective transport to ports of Vancouver (~1,000km)
- Eastbound bulk haulage agreements expected to be negotiated with experienced operator – Canadian Pacific Railway

Ports of Vancouver and Prince Rupert are favorably located to serve target markets



From Vancouver, Canada

Destination	Estimated Days Shipping ⁽¹⁾
Kashima, Japan	12
Kaohsiung, Taiwan	13
Pusan, Korea	13
Dalian, PRC	14

From Queensland, Australia

Destination	Estimated Days Shipping ⁽¹⁾
Kashima, Japan	12
Kaohsiung, Taiwan	12
Pusan, Korea	13
Dalian, PRC	14

- Mid-vol coal supply from Australia is diminishing, pushing Asian steel mills to diversify coal suppliers⁽²⁾
- Western Canadian coal can be shipped reliably and efficiently due to available port capacity and infrequent weather disruption
- Shipping times from Canada to Asia comparable to other North American and Australian coking coal sources
- ~75% of Canadian coking coal exports are destined for Asia⁽³⁾

(1) Source: <https://sea-distances.org>

(2) Sources: Wood Mackenzie Coal Supply Service – Australia; Pembroke Resources

(3) Source: www.westshore.com/pdf/finance/2019/ar.pdf

Elko Development Timetable



PAK has consistently progressed the Elko Coking Coal Project over the long-term and continues to meet project development milestones. PAK expects to delivering a pre-feasibility study within 24 months of project funding.

Elko Coaking Coal Project	2015				2016				2017				2018				2019				2020				2021							
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
Application Coal License	✓	✓	✓	✓																												
First Nation Contact			✓	✓																												
Data Verification			✓	✓																												
Ground Survey & Truthing				✓																												
Udate Geological Model				✓																												
Identify Approvals Process					✓																											
Conceptual Mine Layout						✓																										
Exploration Planning						✓																										
High Level Economic Assessment								✓	✓																							
Prepare Notice of Works Permit								✓	✓																							
BC Mines & energy Approval									✓	✓	✓	✓	✓																			
Exploration Drilling Phase 1 - Drilling & Mapping									✓	✓	✓	✓	✓	✓	✓																	
Coal Analysis & Update Geological Model															✓	✓	✓															
Environmental Gap Analysis											✓	✓	✓	✓	✓																	
Update Economic Assessment																	✓	✓														
Baseline Environmental Planning															✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Exploration Phase 2 Planning																	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Prepare Notice of Works Permit - update																	✓															
Modifying Factor Assessment																	✓	✓	✓	✓	✓	✓	✓	✓								
Indicative Specification Sheets (Non JORC)																	✓	✓	✓	✓	✓	✓	✓	✓								
Independent Coking Coal Market Study																	✓	✓	✓	✓	✓	✓	✓	✓								
Pre Feasibility Study level gap analysis																	✓	✓	✓	✓	✓	✓	✓	✓								
Project Funding																									✓							
JV Investment																									✓							
BC Mines & Energy NOW's Approval																																
Desktop Scoping Study Update																		✓		✓												
Exploration Drilling Phase 2 - Drilling & Mapping																									✓	✓	✓	✓	✓	✓	✓	✓
Geotechnical and Environmental testing																																
Metallurgical analysis and coke oven testing																																
Samples sent to steel mills for evaluation																																
JORC Resource & Reserve Reporting																																
Pre Feasibility Studies																																

GP Hydro Pte Ltd

Renewable Energy

JV Company registered in Singapore

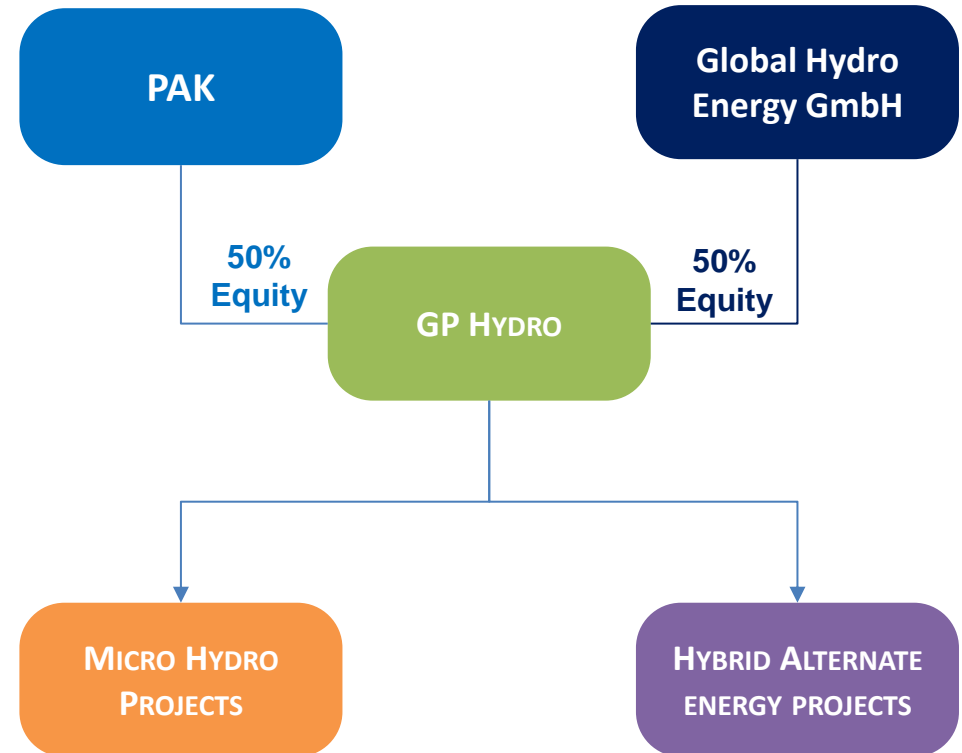


Hydro Investment



Partnering with a world leader in Hydro

- Significant opportunity identified in alternate energy projects with world leader in hydro.
- Entered into a JV agreement with a leading Austrian hydropower turbine manufacturer **Global Hydro Energy GmbH** (“Global Hydro”).
- Created JV company GP Hydro Pte Ltd (GP Hydro) a Singaporean registered entity.
- GP Hydro will be focused on micro hydro and hybrid projects in the Pacific region and Australia.
- JV investment tied to specific milestones



Overview

- Specialists in design, manufacture and installation of turbines
- Hydro plant capacities of 100 kW to 25 MW.
- Development, production, automation and service capabilities

- SmartT is an economic product ideal for outputs of 100kW to 1MW per unit.
- SmartT power stations are fully assembled at the factory
- Ready-to-use power plant delivered in a 20ft container.
- SmartT can be combined with other technologies
 - Solar and wind energy
 - Battery storage for optimized operation
- Low operating costs and sustainable technology with no environmental impact



Target Markets



Landowners

- Wet farming
- Electric irrigation systems
- Retro fitting dams
- Power intensive farming



Industrial

- Mining off-grid
- Residential and commercial developments
- Small infrastructure projects
- Energy parks
- Electric power hybrid systems



Governments

- Refurbishments
- Private and public project developments
- New population micro grid projects
- Carbon neutral projects

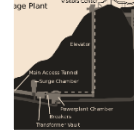


Regional Focus



Micro Grid Hydro

- Australia
- Papua New Guinea
- Fiji
- New Zealand
- Samoa
- Solomon Islands



Pumped Hydro

- Australia
- Fiji
- Papua New Guinea
- New Zealand



Hybrid Projects

- Australia
- New Zealand
- Fiji
- Papua New Guinea
- Micronesia
- Samoa
- Solomon Islands

Timeline of Events

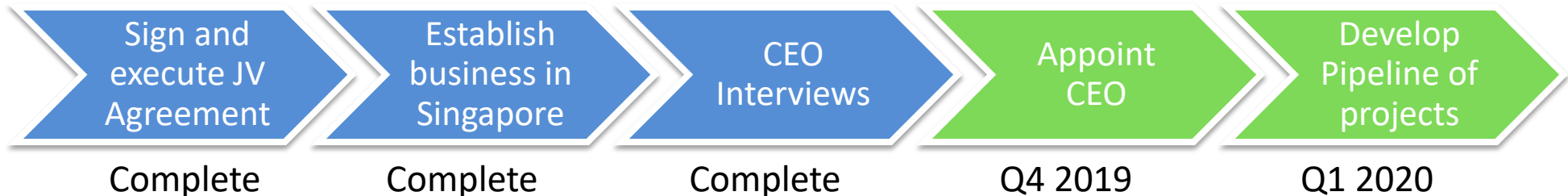


PAH with its partner Global Hydro have taken a number of steps in the development of the joint venture

- Established Singapore vehicle with bank accounts and local office support.
- Appointed world-renowned recruiter Aerotek to engage potential candidates for the CEO role.
- Final round interviews have been completed with potential candidates

Next Steps

- Final stage of appointing a CEO for the JV Company
- Start the engagement process with potential clients
- Develop pipeline of hydro and hybrid projects.



Summary

- ❖ Elko – High value coking coal project
- ❖ 303MT In-Situ JORC 2012 Resource
- ❖ Permits and access in place for 2019 drilling phase
- ❖ Process seeking development partners commenced
- ❖ Diversification plan underway
- ❖ Significant news flow still to come
- ❖ Significant value uplift
- ❖ Tightly held stock



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