



## H1 Holdings Profile

# Confidentiality Undertaking

- This document is confidential. No information contained in this report can be used by any entity without the previous written consent of **H1 Holdings (Pty) Ltd**
- In this document “**H1**” means H1 Holdings (Pty) Ltd and “related entities”, including its shareholders, subsidiaries, associates, outsourced entities and its directors, employees and agents



# Purpose and BHAG™

## Our Purpose

- We improve the quality of lives by producing cleaner energy

## BHAG™

- To power the equivalent of 2 million households with cleaner energy

## Website

- [www.h1holdings.co.za](http://www.h1holdings.co.za)

BHAG™ is a registered trademark of Jim Collins and Jerry Porras



# Background

## H1's Background

- **H1** is an established investment company founded in 2000
- It has a Level 1 BEE status and is wholly owned and managed by experienced black individuals
- Historically **H1** provided expansion and buyout capital to companies in partnership with management
- Since 2012 **H1** has focused on the energy sector
- **H1** is building significant operational and technical capacity in the energy sector with 12 employees directly focused in this area



# Executive Directors



## Lionel Jacobs

- Founded **H1** as a vehicle to acquire Airport Handling Services
- Led **H1** as a core shareholder in Dinatla Investment Holdings which acquired 15% of **Bidvest Group Ltd** in 2003
- Was an Executive Director at **Bidvest** and Commercial Director at **Bidserv** (following the Bidvest transaction)
- Prior to **H1**, was CEO of **Siphumelele Investments Ltd**, serving on boards of **PSG**, **Fedics**, **I&J**, **Ster Kinekor** and **Johnnic**
- Currently serving as Non-executive Director of **Bidvest South Africa**, Non-executive Chairman of **Compuclearing Ltd**, Non-executive Chairman of **Vunani Ltd** and Chairman of **Saldanha Foods (Pty) Ltd**



## Reyburn Hendricks

- Since 2007 has been a joint controlling shareholder and manager of **H1**
- Founding member of **HJS Advisory Services (Pty) Ltd** ('HJS'), which was acquired by Hosken Consolidated Investments Ltd ('HCI') in 2003. **HJS** concluded R 12.5 billion of transactions from 2002 to 2006 for HCI and other clients.
- Prior to that was a Founding Director of **African Harvest Capital** (now called **Vunani Ltd**), in its investment banking division (1998 to 2002)
- Before that, was an Equity Analyst and Portfolio Manager at SouthernAsset Management (1995 to 1998)



# Executive Directors



## Elisma Roux

- Elisma is the financial manager for **H1**
- She is a qualified Chartered Accountant with over 14 years of financial management and audit experience



## Gabriele Maraschin

- Gabriele is the head of Business Development for **H1**
- He is an electrical engineer and has 10 years experience in the energy sector in Europe and Africa
- Gabriele has managed and concluded multiple developments in various energy technologies in over 10 countries in Africa and Europe .



## Jacques Malan

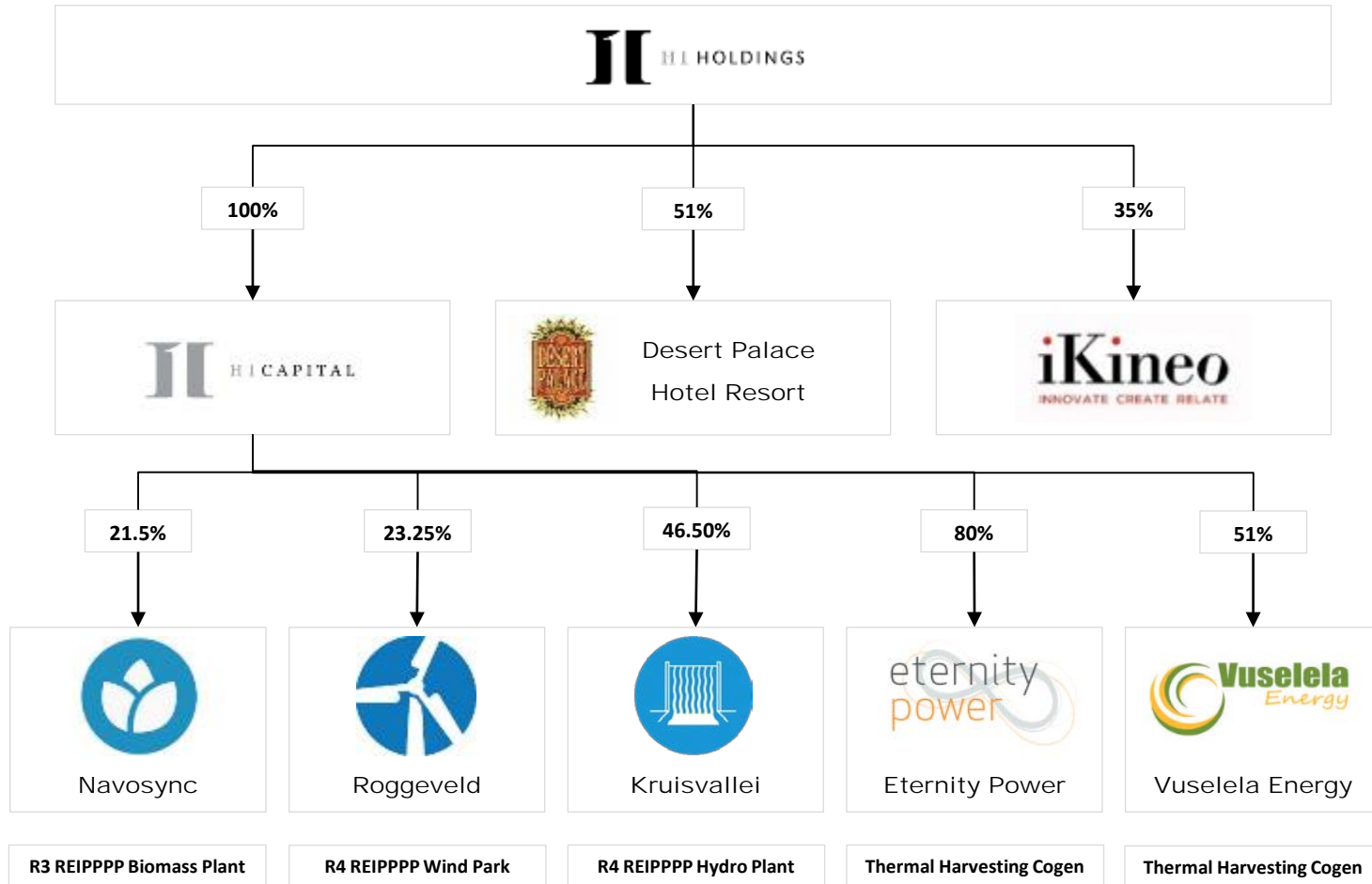
- Jacques is a director of Vuselela Energy, a subsidiary of **H1** focussed on cogeneration power projects
- He is a pyro-metallurgical engineer with 20 years experience in the ferrous, base metals, ferro-alloy and refractory industries
- Since 2007 Jacques has been involved in the development, design and construction of co-generation power projects

# Financial Standing

- **H1** has a strong balance sheet which is highly liquid
- A disciplined investment strategy has resulted in capital growth coupled with above adequate investment income



# H1 Organogram





# Current Energy Asset: Navosync - Biomass

- The **Navosync Biomass** project was bid in Round 3 of the REIPPPP and was successfully awarded Preferred Bidder status
- The project capacity is 14.7 MWe and the site is located near to the town of Mkuze in the Jozini Municipal area, within the province of Kwa-Zulu Natal
- The fuel will be sugarcane rests and other sources of woody, non-woody and invasive plant biomass
- The project has been developed by the **Building Energy**, an Italian company
- **Group Five** is the EPC contractor
- The O&M works will be performed by a joint venture between **Group Five & Building Energy**

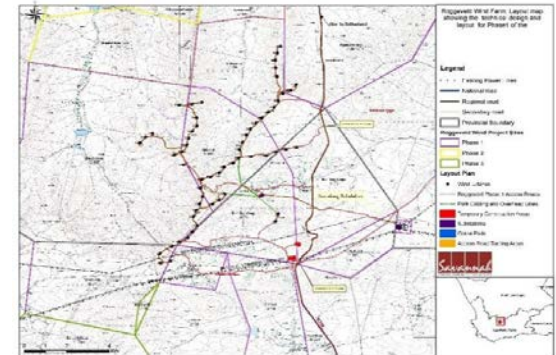
## Project Location



# Roggeveld - Wind

- The **Roggeveld Wind** project was bid in Round 4 of the REIPPPP and was successfully awarded Preferred Bidder status
- The project has a capacity of 138 MW and is located between Laingsburg and Sutherland in the Northern Cape
- Wind measurements to date rank the site as having one of the strongest wind resources in South Africa
- The project was developed by **G7 Renewable Energies** and was acquired by **Building Energy** to bid
- The EPC and O&M contractor shortlisted is **Acciona Energia**

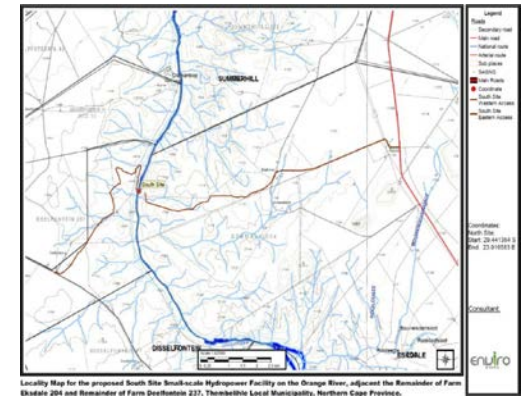
## Project Location



# Kruisvallei - Hydro

- The **Kruisvallei Hydro** project was bid in Round 4 of the REIPPPP and was successfully awarded Preferred Bidder status early in April 2015
- The project has a capacity of 4.70 MW and is located on the Ash River near the town of Clarens in the Free State province
- The Ash River is fed from the Lesotho Highlands Water Project resulting highly reliable flows
- The project was developed by **Sidala Energy Solutions** and was acquired by **Building Energy** to bid
- **Building Energy** bid with themselves as the EPC and O&M contractor with the intention to replace themselves post-Preferred Bidder award

## Project Location



# Vuselela Energy – H1 Subsidiary

## Background

- **Vuselela Energy** was founded in 2009 and became an **H1** subsidiary in 2014
- Its focus is to develop clean energy projects based on capturing and utilisation of waste heat sources
- Partners and personnel originate from the pyro-metallurgical sector
- Has strong relationships with a number of technology suppliers, for application at selected targets in the Metallurgical, Mining and Cement sectors

## Achievements

- **Vuselela Energy** has secured exclusive use of a suite of patents on Thermal Harvesting Technologies which were developed in conjunction with **EPS-Environmental and Process Solutions**
- The team were instrumental in the establishment of the only two currently operating metallurgical waste gas to energy projects in South Africa, 17 MW and 7 MW respectively
- They were also instrumental in the establishment of a first-of-its-kind ORC based Thermal Harvesting plant (**Eternity Power**) on a smelter in South Africa (4.3 MW in size)



# Eternity Power - Cogeneration

- The **Eternity Power Thermal Harvesting™** is a cogeneration power plant based at the Anglo American Platinum Waterval smelter in Rustenburg and has a 15 year supply agreement with the smelter
- The plant uses waste heat from the smelter and uses an organic rankine cycle (“ORC”) system to convert it to electricity
- It is the first cogeneration power plant that uses an ORC system connected to a platinum smelter and has won 3 innovation and energy awards to date
- **Vuselela Energy** is the developer of the project and is the O&M operator to the plant



Unit 5  
70 Prestwich Street  
Green Point, 8005  
Cape Town

+27 82 659 9954  
+27 21 201 6432  
[info@h1holdings.co.za](mailto:info@h1holdings.co.za)  
[www.h1holdings.co.za](http://www.h1holdings.co.za)