

Groundbreaking technology for emissions reduction and efficiency improvements in the Mining Industry.

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Type Klant	B2B
Gewenst Type Investeerder	Angel Investor, Venture Capital, Private-Equity
Benodigd Kapitaal	€ 2.000.000,-
Reeds toegezegde financiering	€ 500.000,-
Minimale Ticketsize	€ 0,-

Sector	Energy, Overig
Bedrijfsfase	Seed
Aantal Founders	4
Aantal Huidige Werknemers	10
Maandelijke Omzet	€ 25.000,-
Omzet (prognose) komende 12 maanden	€ 8.000.000,-
Omzet (prognose) maand 13 - 24	€ 12.000.000,-
Huidige Kosten (maandelijks)	€ 22.000,-

Bedrijfsbeschrijving

The Automatic Product Sampler (APS)

The Automatic Product Sampler (APS) technology developed by EEE provides automatic, autonomous, and continuous **real-time product quality data** from your coal or ore composition to your plant control systems during operation.

Energy Efficiency Engineering was founded in 2015 with the aim to combine the knowledge and know-how of the service and technical application of innovative technologies, initially in the Heavy Industry Market of Thailand. This is carried out by a team of experienced Managers and Engineers supported by a group of senior advisers to ensure the most effective solutions for all our valued customers

The Market

The APS is intended specifically for the Mining industry, Coal Fired Power Plants and Coal Blending Facilities. Energy Efficiency Engineering is initially aiming for those three market segments in the Southeast Asia and Australian regions. After probing this product in the market EEE received a very positive response from existing and new Customers. Also, our Technology partners received very positive responses to this new APS.

Our Competitive Advantages

To date, there are no competitors for the APS in the mining and coal industries producing automatic labs working to ASTM standards. Through **Belt systems that are available are 3 - 6 times the cost and are less accurate than this product.**

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Market, Customer Relationships, and Distribution

Coal fired power plants and mining businesses can deploy the APS with power station customers more easily accessible; distribution agreement with Evident (Olympus spin-off) long time working relationships with key personnel in many power plants throughout SE Asia.

Revenues

Direct Sales and Sales via the distribution partner Evident (ex Olympus)

For Direct Sales, the unit target Sales Price is approx. USD 2.36 M (standard w/o any options)

Mid term the product offering will be enhanced into a financing (leasing) or service rendering business à bundle of product and services is estimated to triple the revenues for one unit

Funding Requirements

We are seeking an equity participation of **\$2,000,000** to finance our first-year start up and growth. Positive cash flows from operations from Q3 2023 on will allow for dividend distribution in first full year of operation.

10.000 Shares are available at a price of \$200 per share

Business Model

The APS is a machine used in the mining and power industry. Our business is B2B.

USP's

The Automatic Product Sampler (APS) is a unique product that currently has no competition in the mining and coal market. The key benefits of the APS are:

- Real-time elemental analysis of solid materials such as ore or waste. The waiting time between sampling and laboratory results is traditionally 1-2 weeks, the APS provides these results in real-time.
- The APS enables coal-fired power stations to work 2%-3% more efficiently and thus also reducing their CO2 footprint. The availability of real-time data on the coal properties allows the operators to adapt the boiler burner settings to the real-time data.
- The only automated autonomous laboratory operating under ASTM sampling standards.
- The only automated autonomous solids lab using XRF.

Investeringsbehoefte

We need an investment of 2 million USD to build the first 2 machines we have on order.

Ervaring Founder(s)

The Company and Management

Energy Efficiency Engineering (International) Pte Ltd. is headquartered in Singapore with operations in the Ban Chang district of the Rayong Province in Thailand. The company is majority owned and managed by Hendrik Brouwer. Hendrik has extensive knowledge of Power Plant management and Operations, through his direct experience in the industry over the past 15 years.

The management of Energy Efficiency Engineering consists of owner Hendrik Brouwer complimented by a group of well-seasoned managers. The management team members are:

1. Hendrik Brouwer CEO
2. 2. Martin van der Klooster Managing Director
3. Martin Seamer Business Development Manager

Overige Relevante Informatie

The founding members have invested 2.1 million USD, this has been invested in the R&D, the build of the first machine and the engineering of the second generation of the machine. The funding needed is to for fill the orders on hand.

Samenvatting

Datum: 25 September 2023

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Contact & Site

Extra beschrijving

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