

# FLEXERGY

H<sub>2</sub> LOGISTICS TECH

Helping  
hydrogen  
developers  
reach global  
markets  
efficiently

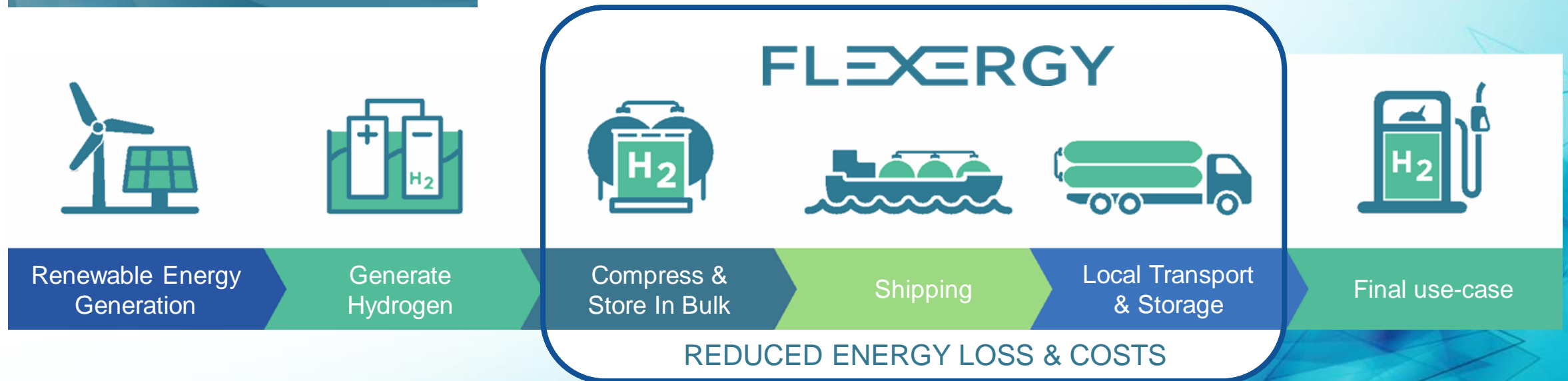
# The problem

- Compression, distribution and storage can be the largest proportion of the cost of hydrogen.
- Hydrogen transfers through several different system states as it is created, compressed, stored, shipped, and used.
- Every time it transfers from one system state to another there is turbulence, temperature and pressure changes, which result in energy losses.

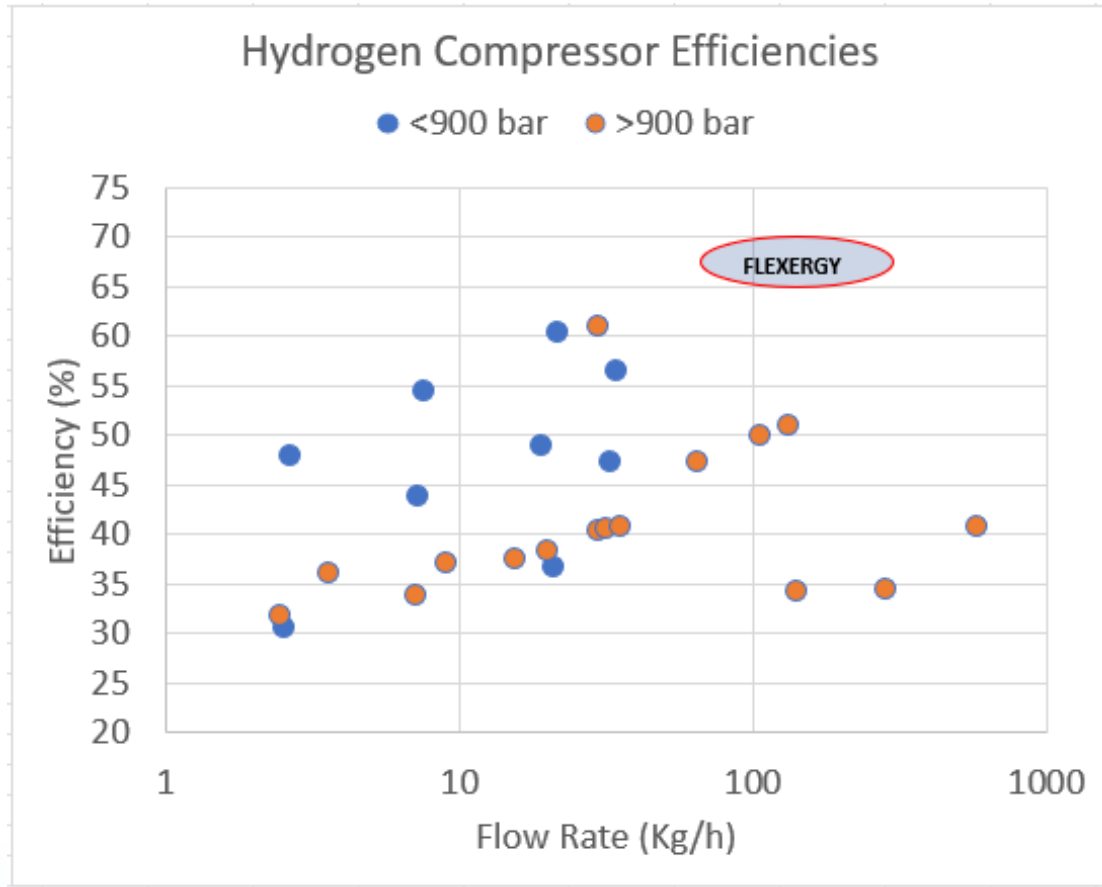


# Our solution

- Break-through in hydrogen compression, distribution and storage.
- Flexergy's ultra-efficient compression and gas handling technology reduces energy losses.
- These savings compound through the value chain reducing the final cost of hydrogen.



# Competition



Flexergy's game-changing improvement in efficiency opens a blue water opportunity in 60% CAGR hydrogen market, critical to achieving energy resilience and net zero

Ultra-efficient  
compression,  
storage and  
distribution.



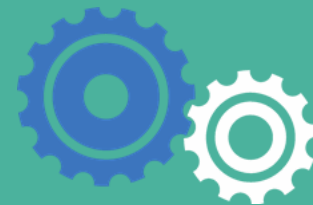
~30-40% Higher energy  
efficiency



~25-50% Lower shipping cost

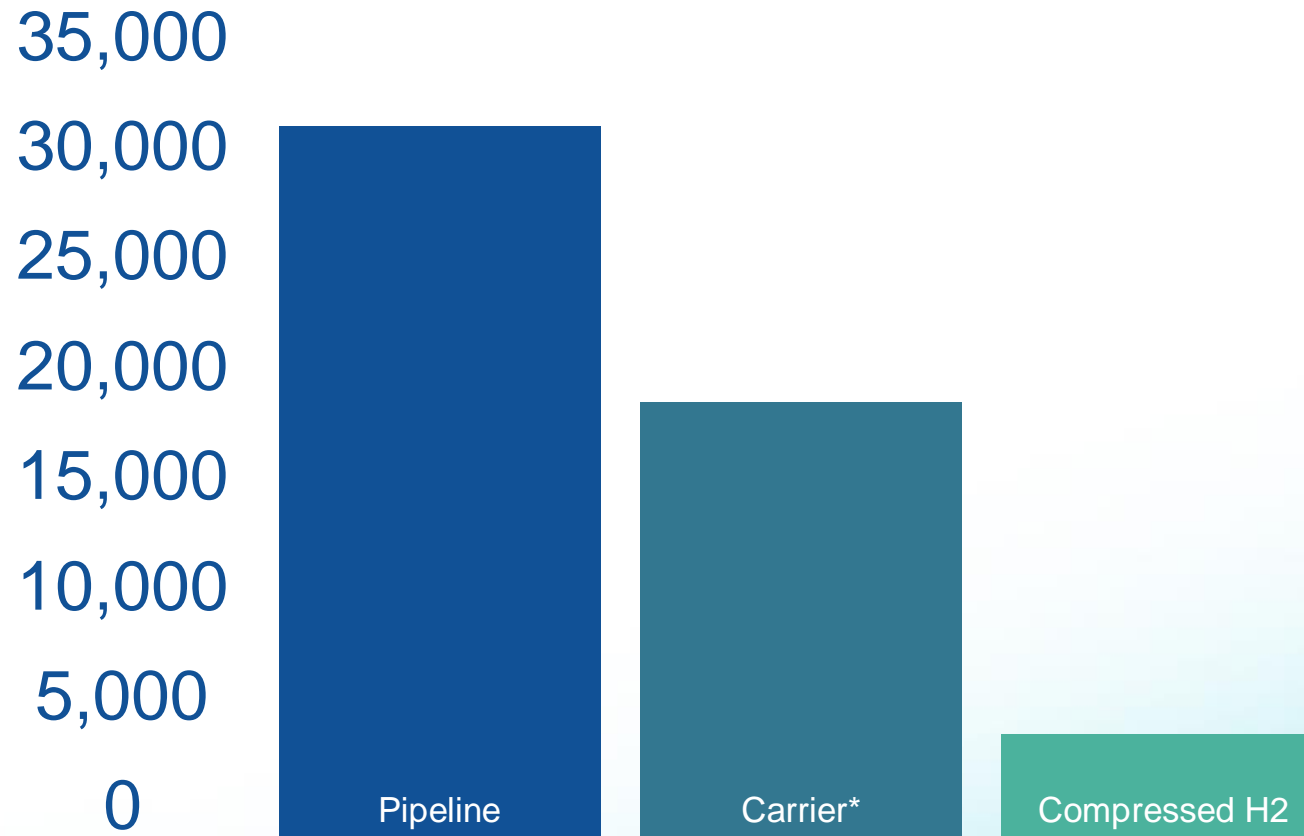


Lower environmental lifecycle  
impact



Operational and safety  
improvements

## Indicative minimum viable project size (Tonnes H2 per annum)



More projects able to scale in phases, in line with commercial milestones, reducing investment risk.

## Indicative time from FEED to operation (Years)



More projects  
in a technically  
viable position,  
sooner.

# Business model

## Customer groups

### Core

- Utility scale renewables developers not able to get sufficient grid connection
- Hydrogen refueling station network operators

### Beachhead

- Community scale renewables developers

## Revenues

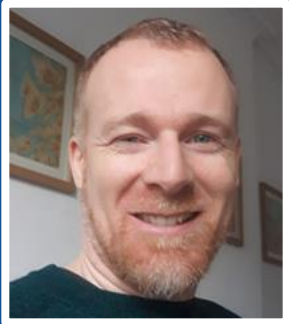
- Sale and lease of products
- Ongoing operations and maintenance
- Moving to Compression-as-a-Service
- 3<sup>rd</sup> party licences in some territories

## Operations

- Manufacturing of original equipment
- Own facilities and contract manufacture



# The team



**Paul Codd, CEO / Founder**

Founded compressed air energy storage company Cheesecake Energy. Global copper mining industry. B.Eng Energy Engineering. Sustainability Ambassador of the Institute of Directors.



**Parag Vyas, CTO / Cofounder**

Responsible for IP strategy and product development roadmap. Previously headed technology development functions at Aggreko, Rolls Royce and GE. Parag sits on UK Govt Regulatory Horizons Council.



**Ian Arbon, Strategy Director**

One of the world's leading experts with almost 50 years experience of hydrogen compression. Served as MD of 3 compressor manufacturers inc Howden. Author of several technical and policy papers regarding the hydrogen economy.



**John Munro, Manufacturing Director**

John draws on his experience heading large engineering teams conducting product development and manufacturing at BAE Systems, Boeing and Airbus to develop and implement Flexergy's manufacturing strategy.

# Traction & Asks

## TRACTION

- Efficiency savings validated by University of Strathclyde
- 1<sup>st</sup> patent filed April-May 2023
- Grants delivered for IUK, SE

- Discussions/NDAs with multiple international customers
- Weighted sales pipeline >£50m
- 100% employee owned

## ASKS

- Feasibility study
- Opportunities to pilot

- Seed funding
- Venture funding

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