

Exploiting the Lindsey Engine™ and Compressor

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The Company

Based on invention with strong IP protection

- Founded 2004
- Imperial Innovations

The Technology

- Simple, elegant basic mechanism
- 1 granted patent, 4 filed, more to be filed
- Validated by Mahle Powertrain (Cosworth)
- Engine
- Compressor



Lindsey Compressor™

- Features

- Compact
- Increased efficiency through demand matching
- Adaptable to wide ranging markets eg aggressive gases, hydrogen

- Markets

- Process Gas target sector £500m
- Industrial Air market £1bn

Lindsey Engine™

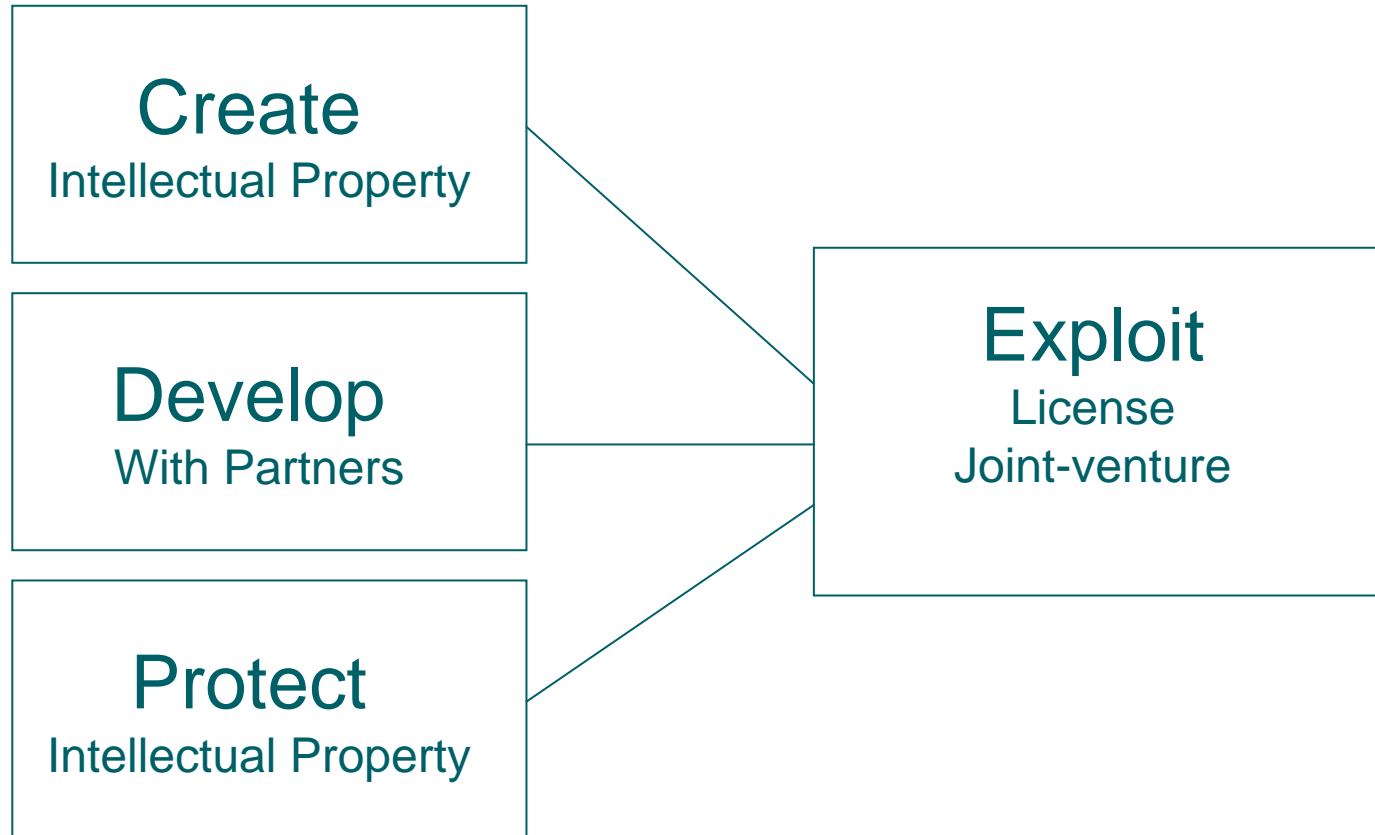
- Features

- High efficiency – up to 37% improvement
- High power density
- Low emissions, low noise

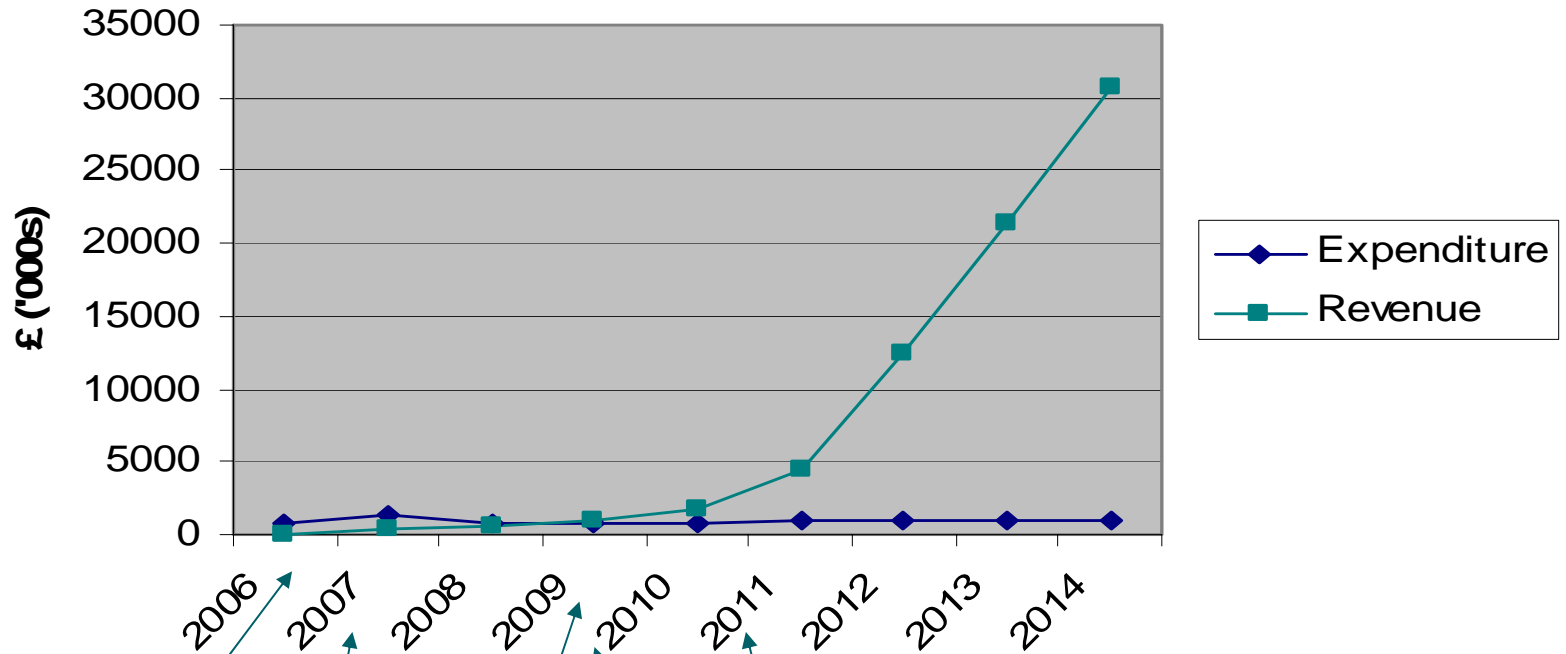
- Target Markets

- Small engines (lawnmowers, scooters) £1bn+
- Combined Heat and Power £50m
- Novel engines eg Unmanned Aerial Vehicles

Business Model



Revenues



Development licenses

Break even

Engine royalties

Series A

Further grants

Compressor royalties



Investment

- 2004 – 2006
 - Seed
 - £1.2m
- 2007 – 2009
 - Series A
 - £2m

Conclusion

- Based on invention
- Strong IP protection
- Proven technology
- Clear advantages
- World class partners



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