

PCBFC: The Low Cost, Adaptable PEMFC from Bramble Energy



Summary

- Introduction to our Company
- Introduction to our Technology



Beginnings



Professor Anthony Kucernak,
Chief Scientific Officer



Professor Dan Brett,
Director of Innovation



Project Funding

Polymer Fuel Cell Challenge (PFCC) - £1m

InnovateUK: Manufacturing Project - £1.4m



PFCC Output

Cost parity

20% reduction

Carbon Trust and E4Tech analysis



Spin-Out

Bramble Energy Formed November 2016

Executive Team Formed



Meet the Team



Dr Tom Mason, CTO



Prof. Dan Brett,
Innovation Director



Prof. Anthony Kucernak,
CSO



Graham Hodgson, CEO



Noel Leeson, VP Sales
and Marketing



Brian Graves
Non-Exec Director



Chris Gibbs
Non-Exec Director



Erik Engebretsen
Head of Engineering



PCBFC

Traditional = High Material Cost Factory Set-Up



PCBFC™ = Established Printed Circuit Board Company



PCBFC - Advantages

Robustness

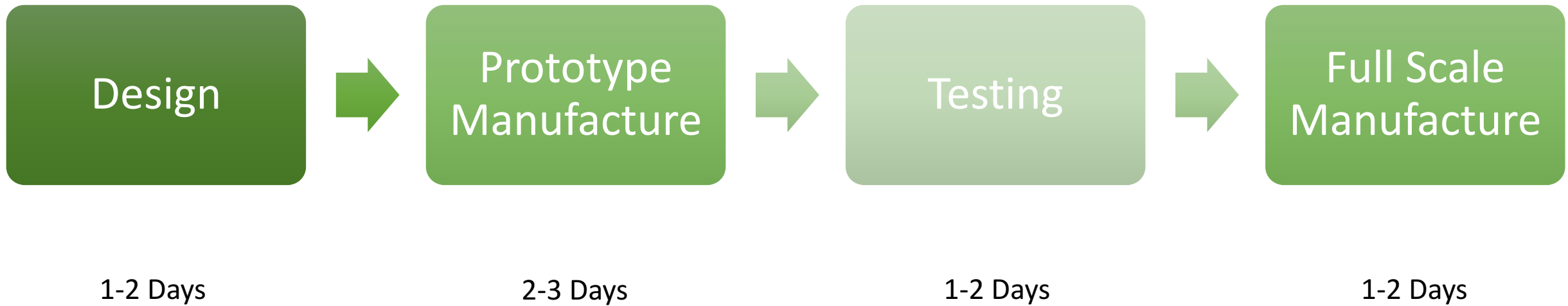
Fast-Turnaround

High-Volume

Global Supply Chain



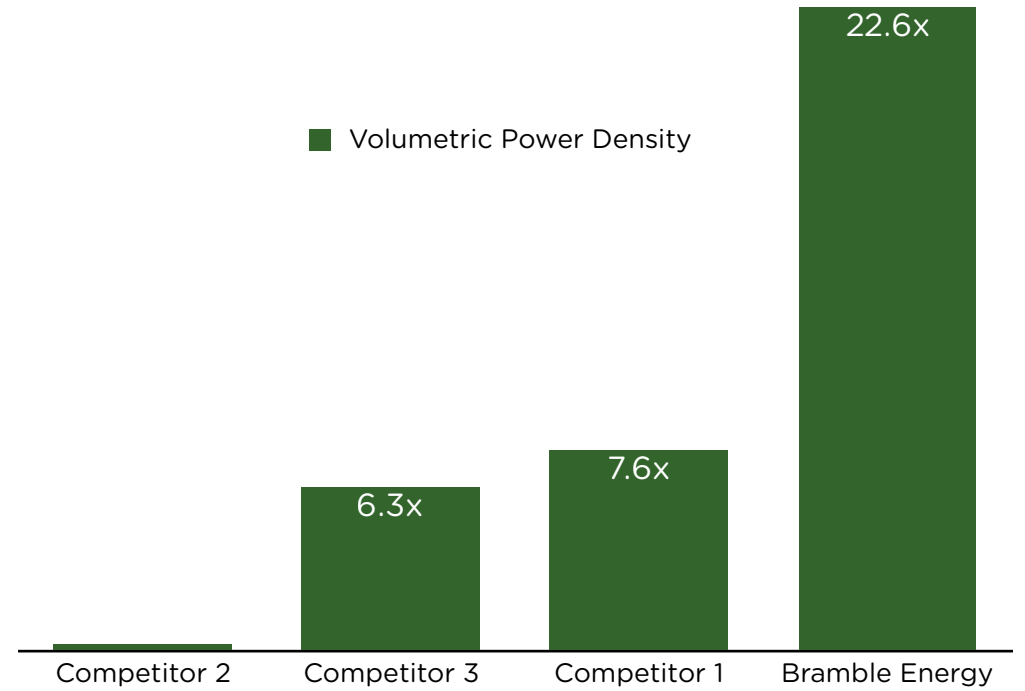
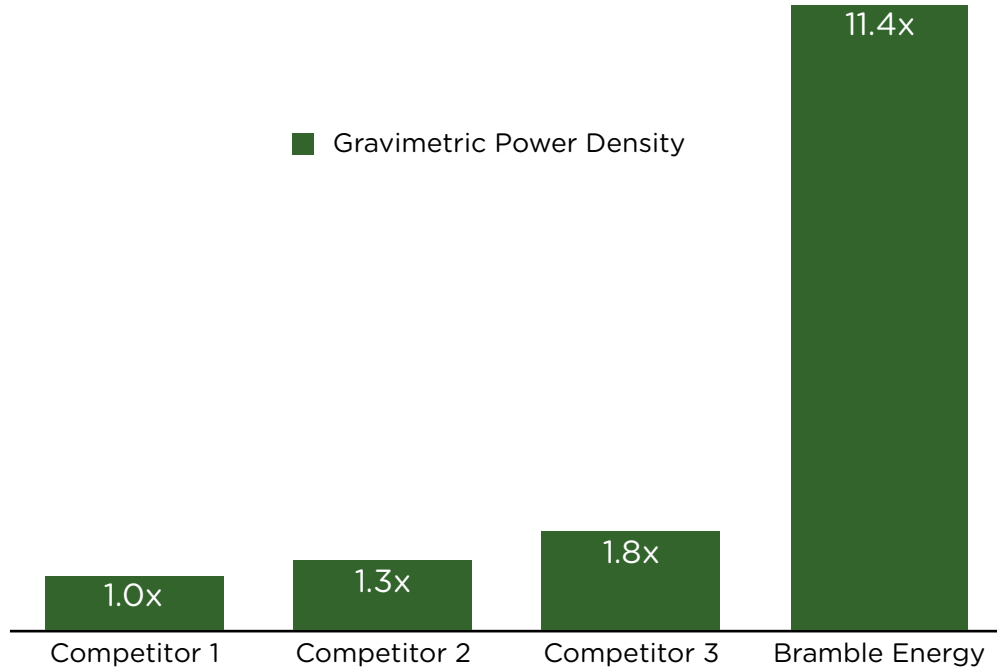
PCBFC - Adaptability



PCBFC - Modularity



PCBFC - Comparisons



PCBFC - Comparisons

	<i>Low Carbon Impact</i>	<i>Low Cost</i>	<i>Low Volume</i>	<i>Low Weight</i>
<i>PCBFC™</i>	X	X	X	X
<i>Diesel</i>		X		
<i>Gasoline</i>		X		
<i>Electric Battery</i>	X		X	
<i>Traditional Fuel Cell</i>	X		X	X



Business Plan

- Lab to Market – Portable Power
- Add Watts, Add Markets
- Build Revenue
- Partner OEM's
- Relevant Grant Funding



Progress

- MOU with Multi-National OEM
- Technology Demonstration @ OEM
- First Sales Generated
- 3 Grant Funded Applications Successful



Plans

- First Product Launch Q1 2018
- Scale-up and Scale-out Approach
- Develop Partnerships with OEM's



Thank you for your attention

More Information:

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