

Microgrids – From niche to mass market

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Delta-ee: Experts in new energy



Helping companies navigate the transition to a more distributed, customer centric, service-orientated energy future

Past

Centralised

Commodity sales

Meter points

Value is upstream



Advisory services to succeed in this transition

Future

Distributed

Service-orientated

Customer centric

Value is downstream



Three key takeaways...



Today, North America is driving the microgrid movement.
 Tomorrow, the opportunity is global.



2. Reduce the **risks**, reduce the cost of **finance**.



3. Standardisation key for mass market uptake.

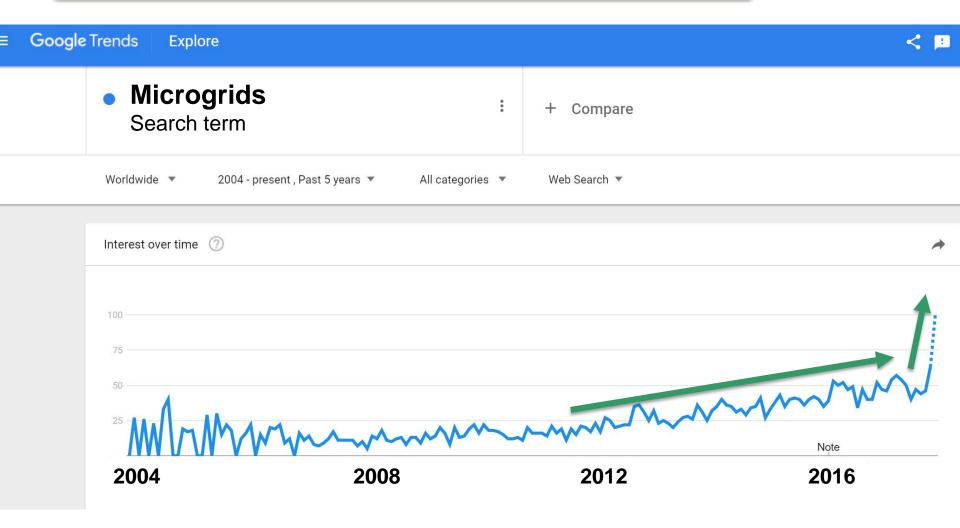






Google Trends – huge growth in interest



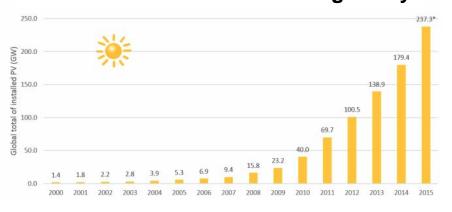


Why now for microgrids?

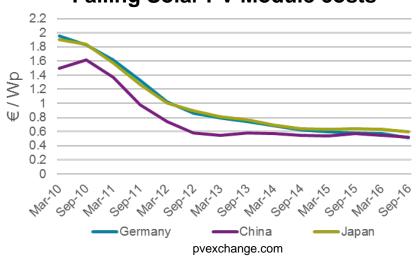


- Distributed energy resources growing exponentially
- Costs falling quickly
- Greater and more pressing demand for 'resiliency'
- More awareness

Cumulative installed solar PV globally



Falling Solar PV Module costs









Reduce the risks...



Cost of finance: related to the perceived 'risk' associated with the investment.

So how to reduce the risk?

1. Replicability:













2. Data:



3. Revenue Streams: Solid & future-proof



Standardization



Standardization is key to microgrid market growth!

- Components
- Design philosophy
- Partners
- Regulations!



'Modularity in design'







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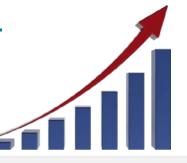
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Introducing Delta-ee's Global Microgrid Multi-Client Study



Core Focus Areas:

- 1. Key Global Markets
- 2. Microgrid Applications & Case Studies
- 3. Player Landscape
- 4. Business Models & Value Chains
- 5. Microgrids: The Future

Key Subscriber Benefits:

This study will help subscribers to:

- Develop business models which maximise a) the value to you, and b) the appeal to your customers.
- Develop the right strategy for your company.
- Understand the size of the opportunity.
- Identify partnership opportunities with key players in the microgrid space.
- Determine where to develop microgrid propositions, and in which applications.

Timeline: The Study is published and available to purchase

Thank you!



E-mail me for a copy of the presentation!

We'd be delighted to talk with you by phone or in person – at our Edinburgh office, Cambridge office, Dutch office, Danish office, or at your offices...

For more information visit www.delta-ee.com

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