

# Revenue Streams and Value Pools of Storage Assets in GB

The Energyst DSR Event 2017

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### **An Overview of Baringa Partners**



We aim to be the consulting partner of choice for our clients, based on a flexible approach, deep industry knowledge and excellent people

#### **Our history**

- Baringa was founded in the UK in 2000, we have over 500+ employees and a market turnover of approximately €120m
- Baringa is a market-leading consulting company with a focus on energy and utilities, commodities, financial services and telecoms
- Baringa Partners' end-to-end consulting capability is unique in the Energy consulting space, with market leading expertise in governmental policy and regulation, corporate, commercial and operational strategy, and the delivery of operational change (through organisation, process and IT)

#### Our people and culture

 We attract top talent due to our culture, business model (ten years in the top 10 – UK's Great Place to Work) and the quality and nature of our client work

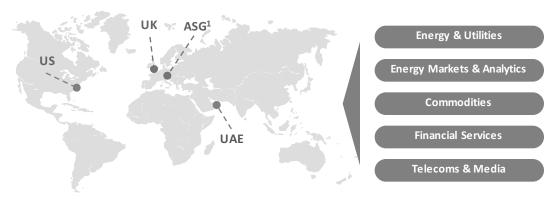






#### Strategic footprint

Our strategy: "good for our people, our clients and our brand"



<sup>1</sup> ASG: Austria, Switzerland, Germany

#### **Some Flexibility Projects**

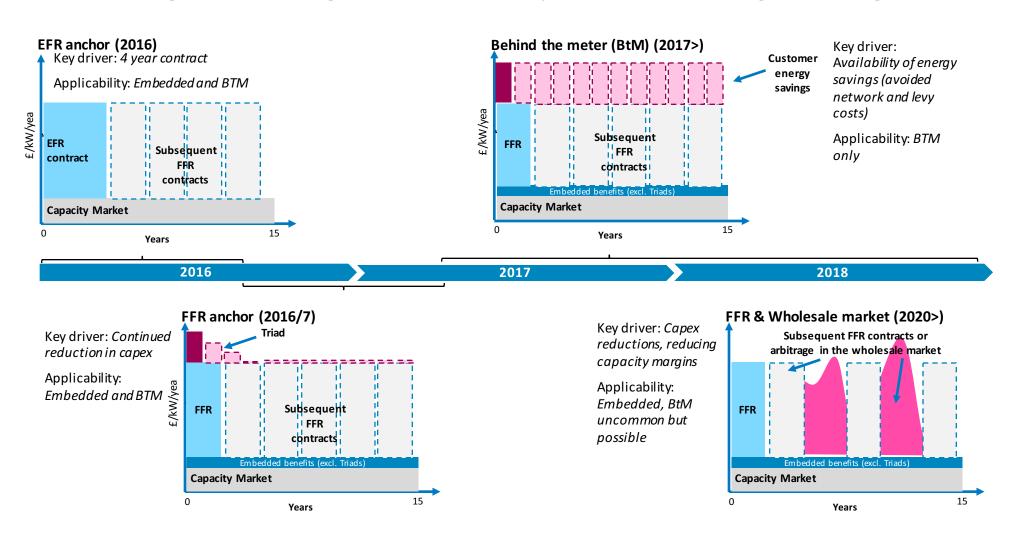


On-going long –term revenue modelling, flexibility business model support and commercial DD for lenders, developers and investors

## **Evolving business models of battery storage**



Asset contracting models will change as markets saturate, open and closed and as regulation changes



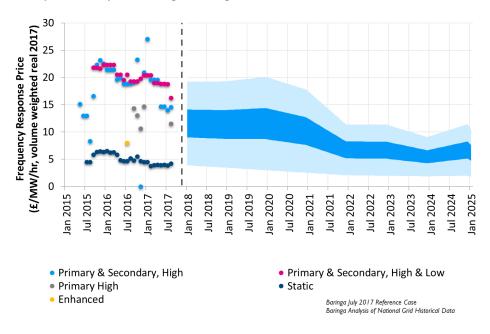
## **Business Model of Battery Projects Today**

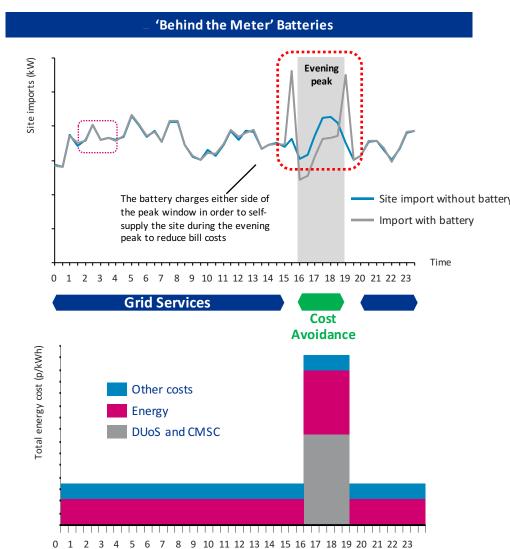


The frequency response market cannot sustain the level of battery interest while maintain historical price levels, while other market opportunities are difficult to access at scale

#### **Frequency Response Markets**

- Frequency Response at today's prices can support battery deployment
- ▲ The shallow market ~2 GW cannot sustain battery deployment without price compression
- Lower CAPEX batteries in the future will require lower FFR prices potentially stranding existing assets

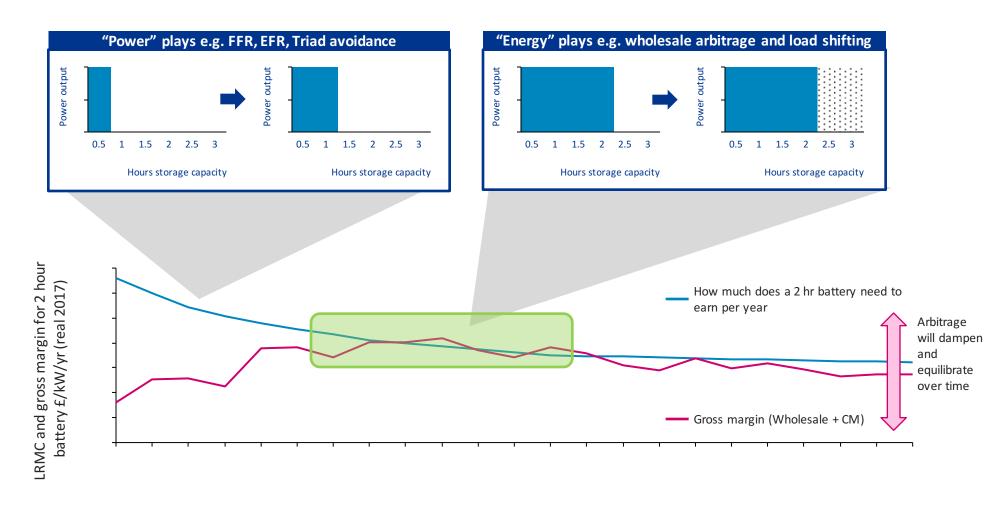




# Wholesale electricity and balancing market arbitrage



As battery costs decline wholesale power and balancing mechanism arbitrage will become commercially viable, offering a deeper merchant revenue pool for batteries





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