

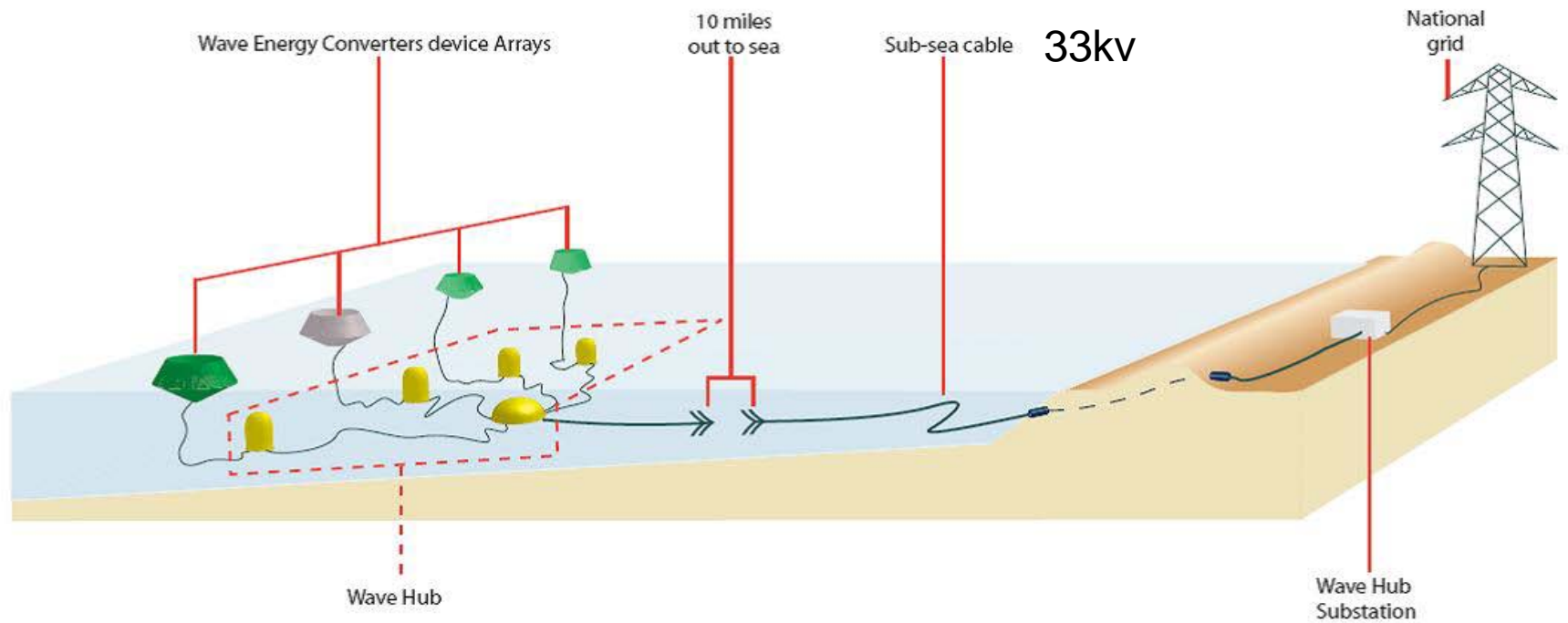
REA WAVE & TIDAL TECHNOLOGY SYMPOSIUM
22 SEPTEMBER 2009



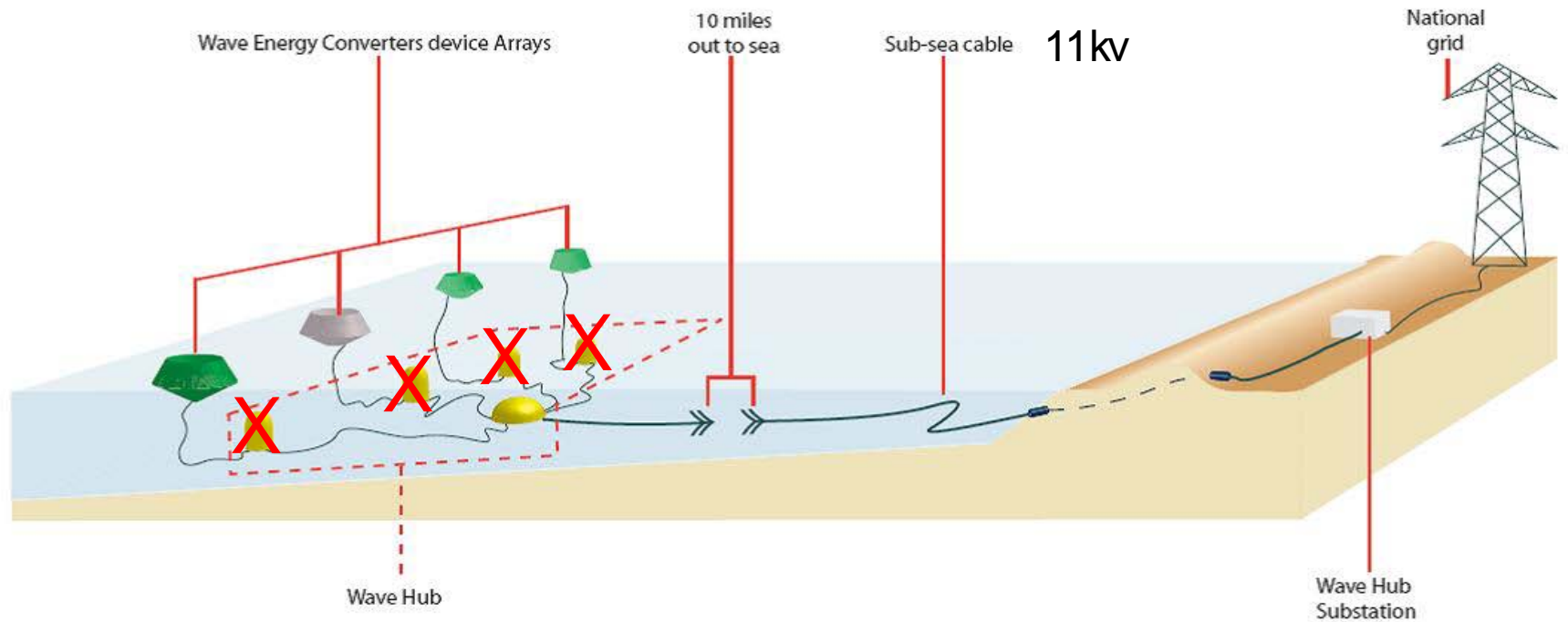
Wave Hub and Low Carbon Economic Area
NICK HARRINGTON, GENERAL MANAGER – WAVE HUB



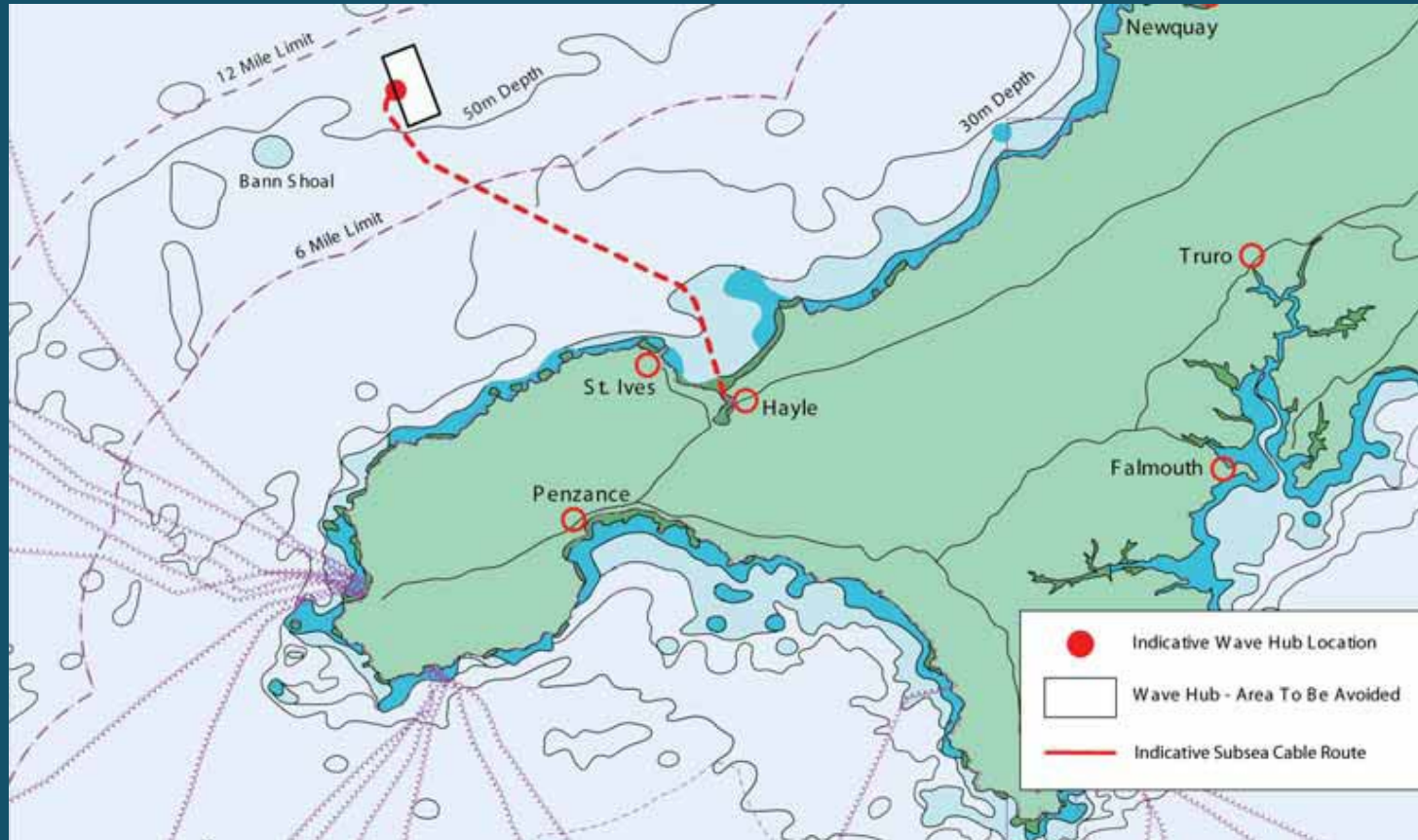
LAYOUT



NEW CONCEPT DESIGN



WAVE HUB SITE



Source: Halcrow

PROGRAMME

- July 2009 - Order placed for sub-sea cable
- August 2009 - Advertising for General Manager, order placed for electrical equipment
- Autumn 2009 - Tenders/orders for sub-station building, nav aids, directional drill, offshore installation



PROGRAMME

Winter 2009 – Spring 2010

- Other operational team appointed
- Call down contracts for:
 - Inspection and maintenance
 - Electrical operation support
 - Wave resource measurement
 - Emergency response
 - Nav aids maintenance



PROGRAMME

Spring 2010

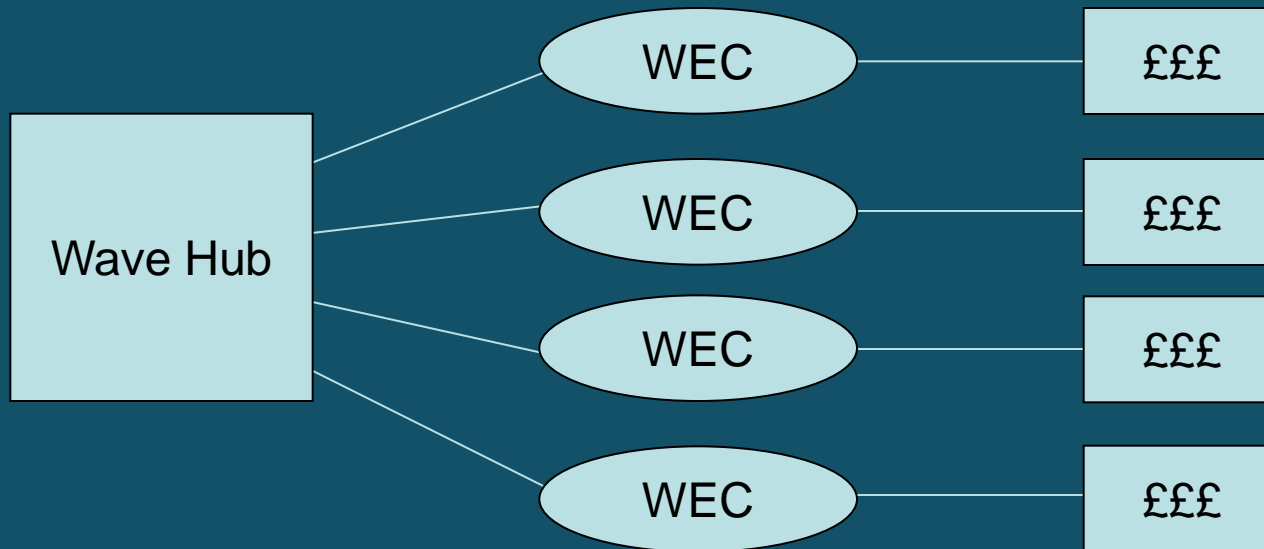
- Delivery of cable and equipment
- Start of construction – May 2010

Summer 2010

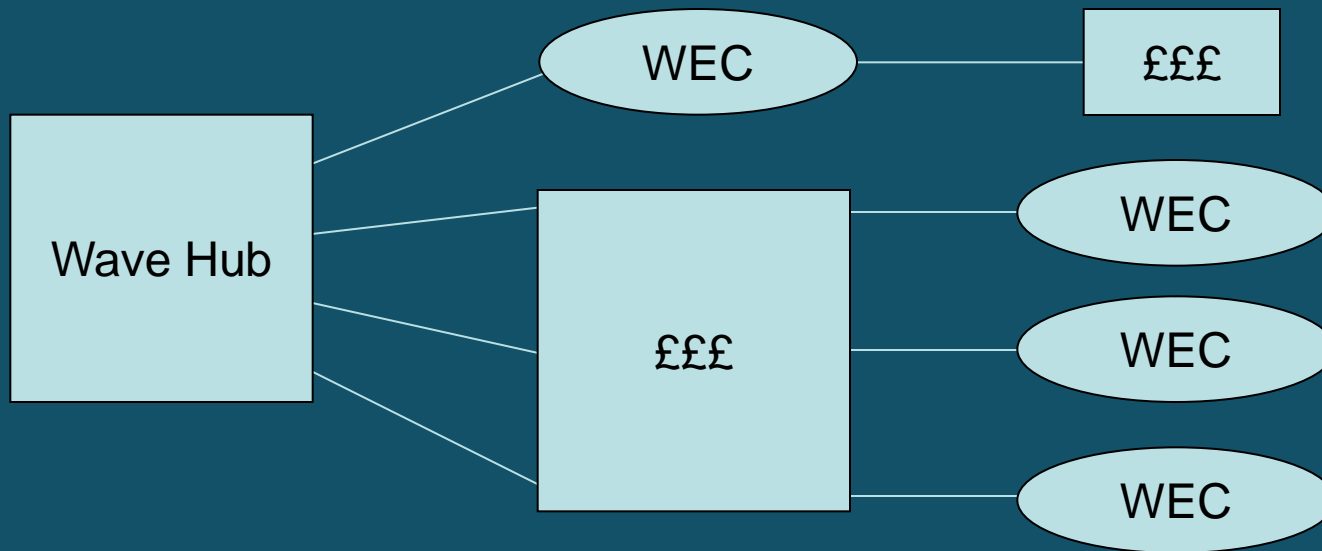
- Installation and commissioning



FINANCIAL MODEL



FINANCIAL MODEL



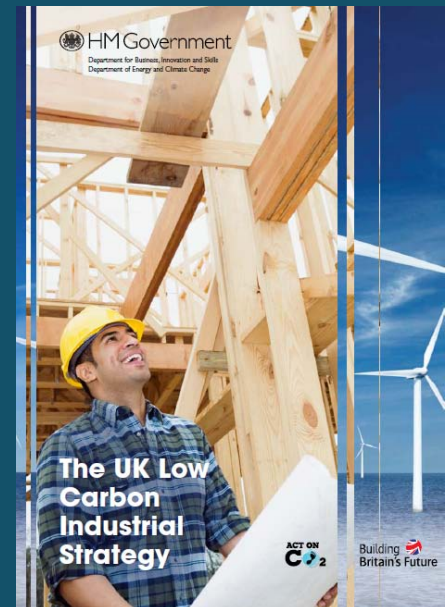
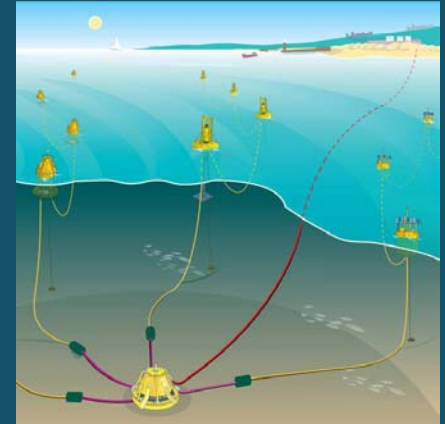
RESEARCH AREAS

- Moorings test facility
- Resource measurement
- 3 years' baseline data for environmental impact
- Coastal processes
- Navigation risk
- Electrical systems
- Social and economic

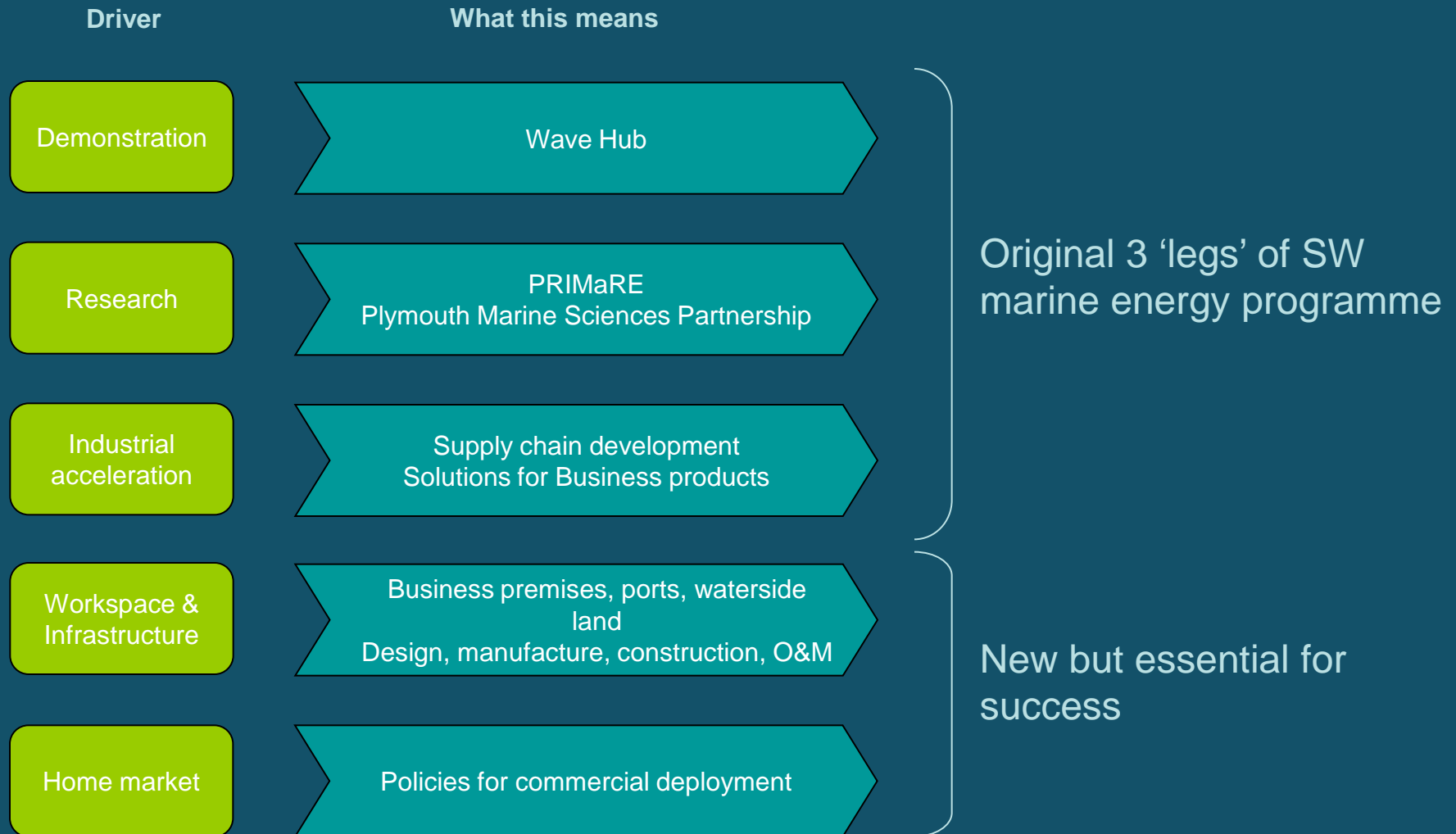


LOW CARBON

- Long term SW commitment to marine energy
 - Wave Hub
 - Severn Tidal Power
 - Leading businesses in the region
- Low Carbon Industrial Strategy
 - Sets out key sectors representing UK opportunity
 - LCEAs to accelerate low carbon economic activity
- South West Low Carbon Economic Area
 - 1st in UK
 - Marine energy focus
 - Based on public and private sector activity to date
- Five drivers of success – and some cash



LOW CARBON



FURTHER INFORMATION:

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