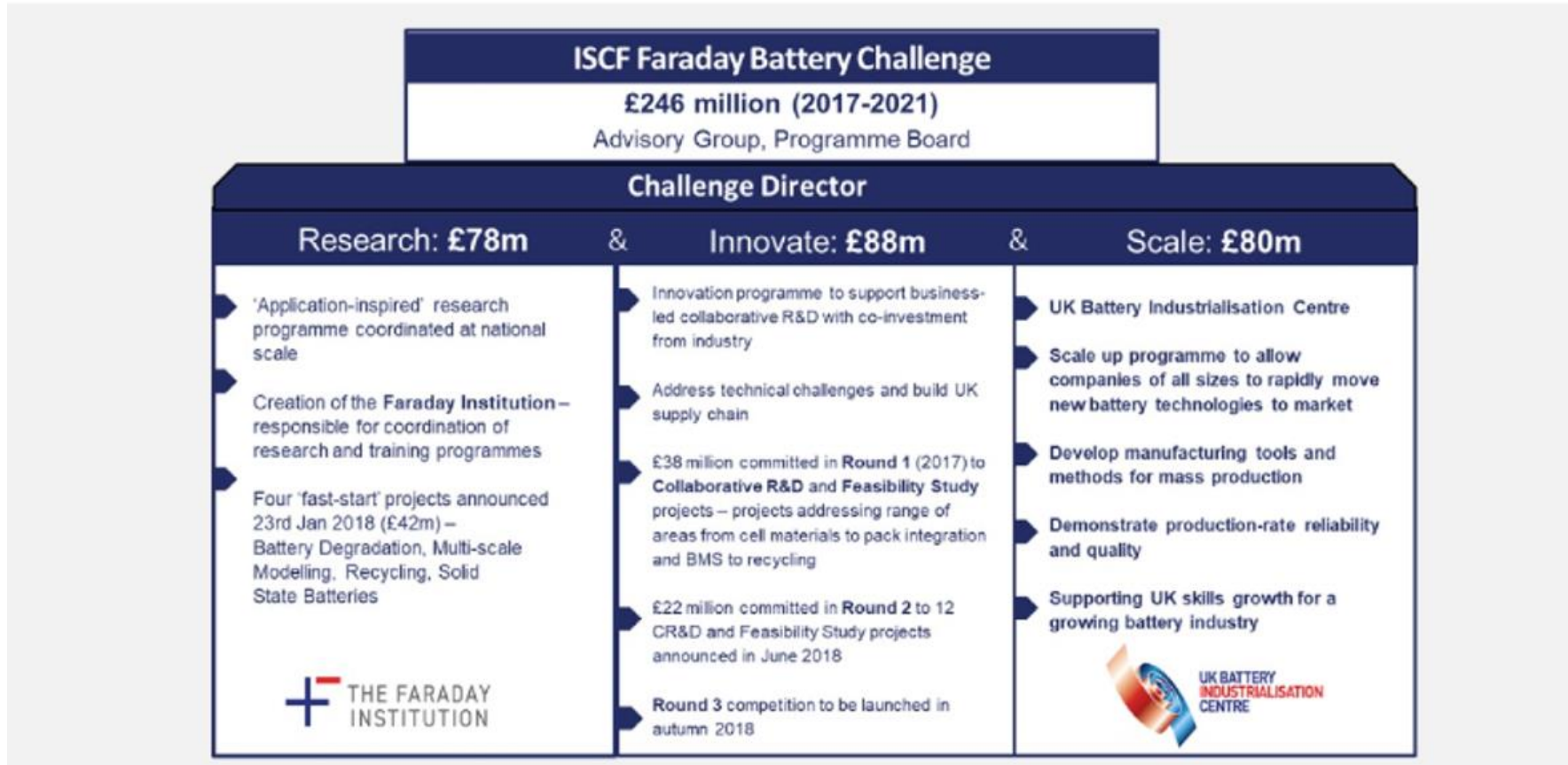


NATIONAL BATTERY CENTRE

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Introduction to UK Battery Industrialisation Centre (UKBIC)



ISCF Faraday Battery Challenge

Faraday Challenge high level strategy

By 2035 to match levels of UK and accessible export demand for batteries and other storage technologies with volumes of UK manufactured supply of cutting edge storage technologies through:

- **Attracting existing global Tier 1 battery cell manufacturer** to invest in UK capacity.
- **Building on existing UK medium scale capacity**, to update to globally competitive technology and **grow to large scale**.
- **Nurture indigenous spin-outs and SMEs** and support them to develop technology and **grow from small to medium scale**.

UKBIC- realising unique capability

To capture the **window of opportunity** by **realising** the UK's Battery Industrialisation Centre, as the **leading European hub for battery industrialisation R&D and scale-up expertise**.

Mission & Purpose

- The centre is intended to operate as a manufacturing development centre positioned between commercial laboratory size and industrial manufacturing.
- The facility will have the equipment and operational/quality control standards of a manufacturing plant but will run development projects. Each will require a level of unique machine modification and setup.
- UKBIC customers may use the full facility or discreet parts of the facility dependant on the size of the customers project under the supervision of UKBIC.
- It is envisaged that because of the nature of the operation, customers will only manufacture on the equipment for a part of the time they have the facility contracted.
- Types of equipment to be installed:
 - Electrode development and manufacturing
 - Cell development and manufacturing
 - Formation and aging facilities
 - Module development and manufacturing
 - Pack development and manufacturing

Developers Scheme



Developer's Scheme



Developer's Scheme



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