# Catapult Evaluation Framework

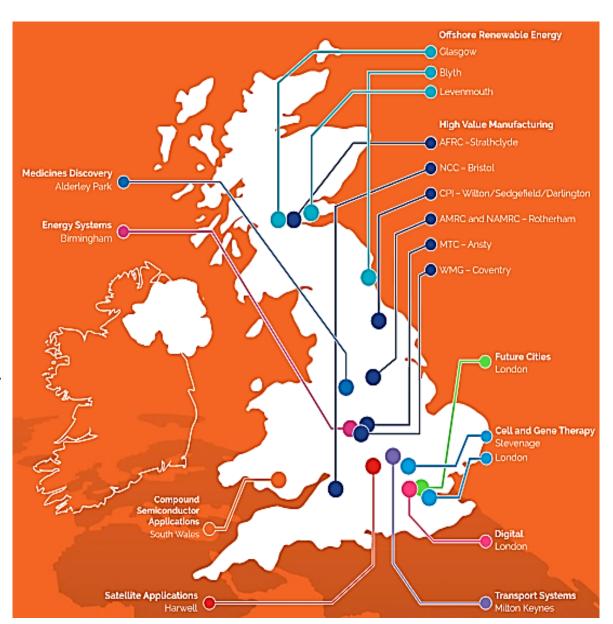
# The Catapult Programme

Launched by the UK government in 2010. Its main objective is to foster economic growth in the UK by strengthening the country's innovation profile and performance. The programme aims to achieve this by:

- Reducing risks and uncertainty associated with the innovation process
- Creating closer links between researchers, developers, academia and business
- Facilitating the commercialisation of innovative products and technologies

## The Catapults

- Cell and Gene Therapy
- Compound Semiconductor Applications
- Digital
- Energy Systems
- Future Cities
- High Value Manufacturing
- Medicines Discovery
- Offshore Renewable Energy
- Satellite Applications
- Transport Systems



### The Evaluation Framework

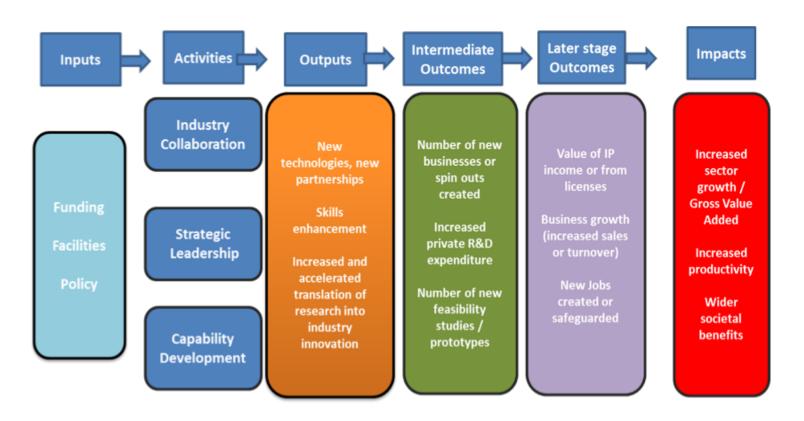
- Published in November 2017
- Builds on a series of feasibility studies
- Outlines a methodological approach that is robust and feasible

#### Challenges

- No agreed approach for evaluating innovation centres
- Complexity
- Timescale of anticipated impacts
- Identifying a counterfactual
- Data collection
- Establishing a baseline
- Capturing additionality

# **Evaluation Approach**

- Contribution Analysis
- Requires a logic model



#### **Theory Based Evaluation**

#### **Contribution Analysis**

To understand Catapults' contribution to changes in businesses and the wider sector and innovation system

Quantitative Methods

Measure the impact on beneficiaries, such as business growth

Difference-in-Differences

**Trend Analysis** 

**Sector Modelling** 

Qualitative Methods Understand how the Catapult has achieved benefits, including spillovers

**Case Studies** 

Stakeholder Interviews

Expert Panel – Review and validate evaluation findings

# Progress so far...

- Published the Framework in November 2017
- 7 Catapults have completed the first phase of the evaluation
- The remaining newer Catapults are having their evaluations scoped and will start phase one in due course
- Lessons learned from phase one are being implemented for phase two