

CATAPULT

In November 2012, the Innovate UK Board commissioned our team to undertake a study:

- To provide information about the size and nature of the business sectors targeted by the first seven Catapults - Cell Therapy, Connected Digital Economy, Future Cities, High Value Manufacturing, Transport Systems, Offshore Renewable Energy, and Satellite Applications.
- To establish a methodology that would track the development of these sectors over the lifetime of the Catapults, monitor and measure the success of the Catapults and assess their impact.

Our Approach

- Extensive consultations with key Catapult staff and review of business plans.
- Review of sector definitions as used by Catapults - in order to establish the extent of current/desired coverage: upstream sector activities (e.g. research, manufacture), downstream sector activities (e.g. services), supply chain, enabling products and technologies.
- Exploring matching of these definitions with UK SIC Classifications. Where possible, to account for specific types of activities within various SIC codes, *estimates* of the proportions of the Catapult activities contained within each SIC code were estimated provided based on discussion and agreement with the Catapults. (These could be further adapted as the business planning process of the Catapults was evolving).
- Review of additional sources including commercial databases in order to quantify the size of the technologies involved and associated sectors.
- Development of detailed Impact Monitoring Plans (IMP) for each Catapult - including a wide range of metrics from which the Catapults would select the ones more appropriate to measure their own impact. Rationale for IMPs was drawn on wider policy and funding context (Figure 1) and their expected sphere of engagement and impact (Figure 2).

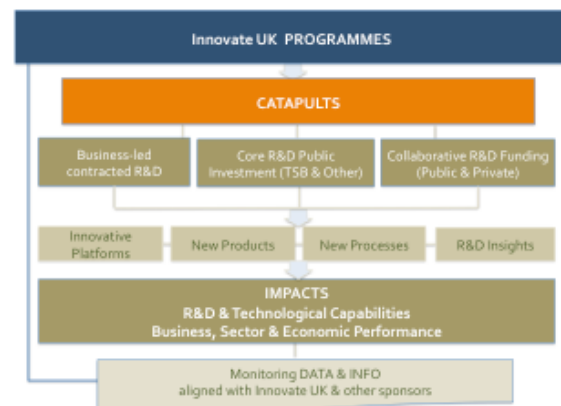


Figure 1

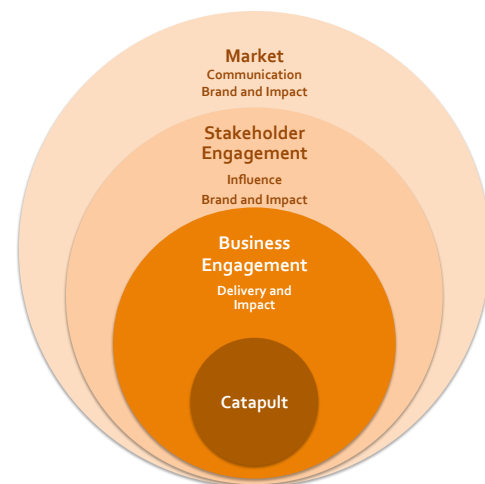


Figure 2

Most recently (June 2015) – our team estimated the **economic impact assessment** of the High Value Manufacturing Catapult <http://tinyurl.com/o3d3plo>



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