



### Strategy

- Build a **£10bn** industry by 2035
- Licensed manufacturing and its supply chain creating 18,000 sticky jobs by 2035
- Increase clinical trial pipeline
- Businesses created leading to Advanced Therapy companies that succeed and stay in the UK
- Demonstrating that the UK is the place to do this work, with increased inward investment

The Cell and Gene Therapy Catapult mission:



Growing the UK cell and gene therapy industry, delivering health and wealth.



### The Cell & Gene Therapy Catapult today

## £125M

£125 million investment into the Catapult programme

# £51M

Leveraged £51 million of R&D funding

## £28M

Invested £28 million in projects over the last 4 years

## Eight

Helped in the formation of eight spin out companies including three where we have led development of the technology

## £13M

Invested more than £13 million in a 1,200m<sup>2</sup> state-of-the-art development facility

### 70+

Collaborated on 70+ projects with 36 currently live

## £55M

Investing £55 million in 7,200m<sup>2</sup> large-scale GMP manufacturing centre in Stevenage

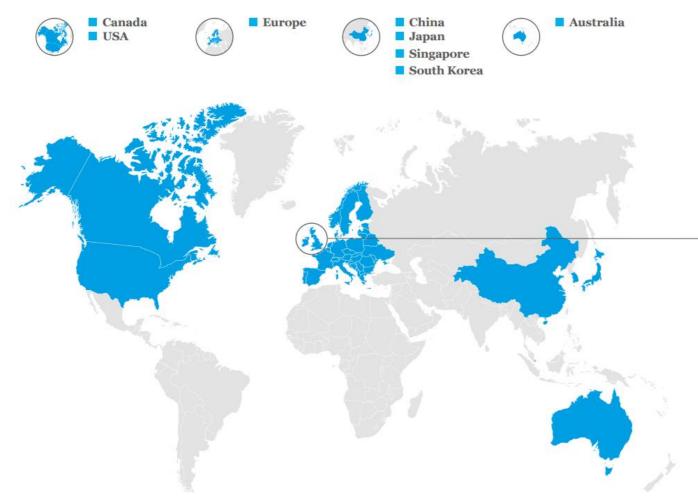
## 130+

Over 130 cell and gene therapy experts from health economists and regulatory experts to leading edge translational scientists



### A global outlook

A team of 130+ experts drawn from 24 countries based in London and Stevenage



1000+ UK jobs created

400 – 600 additional skilled staff required over next two years

40+ alumni in UK industry and academia





### Responding to the needs of industry



#### **KEY BARRIERS**

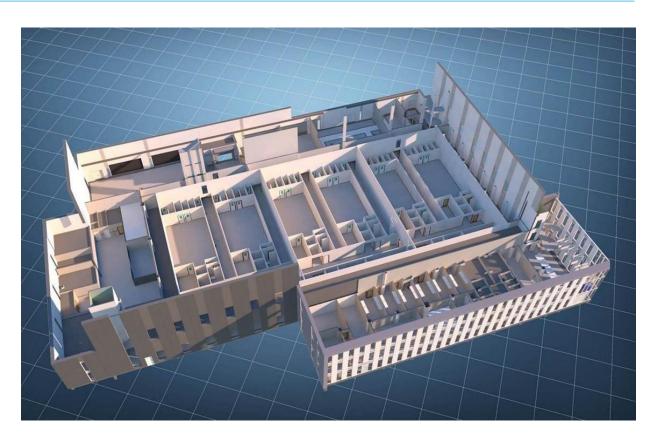
- 1. Cost of goods and productivity
- 2. Manufacturing capacity
- 3. Skills shortage
- 4. Viral vector supply
- 5. Regulatory pathways (Brexit)
- 6. Clinical adoption
- 7. Reimbursement and risk

**Catapult Solutions** 



### Solution: Large-scale GMP manufacturing centre in Stevenage

- Unique collaborative business model to enable companies to scale up manufacture
- Adaptable to multiple processes whether allogeneic, autologous or viral vector
- Excellent **logistics** infrastructure
- Cluster development
- Access to great people and talent





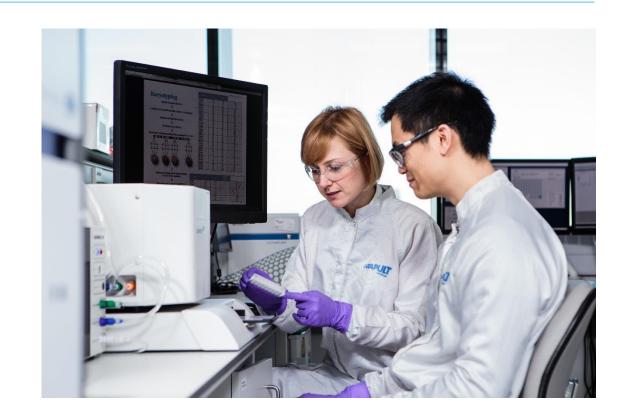
### Access to Great People & Talent

#### Industry skills demand survey

- Shortage access to a skilled workforce to feed industry growth
  - Immediate needs: technical experts e.g. QPs and VV scientists
  - Long term: Operators
  - Skills Academy

#### Working with academia

- Lectures EPSRC doctoral training centre, Regener8, KCL, UCL, Uni Sheffield, Uni Edinburgh, Termis and UKRMP Hub post docs
- RCUK Researcher in Residence (RiR)







### Learnings

01

**Experienced executive team** drawn from industry

**Independent board of Directors** 

Advisory Panel drawn from industry and academia

03

Reputation that Catapult is a place to recruit industry ready experts

02

**Training through Immersion** 

2-3 year stint in the Catapult makes the individual highly valuable to industry especially in our high growth sector where skills deficits are very acute

04

Recruitment, resource & succession planning - Attracting and retaining talent



