

Key commitments:

IDEAS

Government will commit up to £79m for the *Accelerating Detection of Disease challenge* – Prof Sir John Bell will bring together UKRI, leading health charities, industry and the NHS to build a world-leading, first-of-its-kind cohort. We will invest a further £50m in our digital pathology & radiology programme to make this a national asset. In genomics, we will sequence at least one million whole genomes over the next five years.

PEOPLE

Government is facilitating greater flexibility on the apprenticeship levy to support the uptake of life sciences apprenticeship and are exploring a potential pilot with key partners to better enable SMEs in the sector to take on apprenticeships. The Science Industry Partnership, with ABPI and BIA, will lead and deliver a 2030 Skills Strategy to help address the sector's future skills needs.

INFRASTRUCTURE

We will support the UK's health data infrastructure through the implementation of Digital Innovation Hubs and measures to expand digitally-enabled clinical research. We will ensure secure and appropriate use of patient data, & create the right framework for commercial agreements involving data – improving outcomes for patients & the NHS. Industry is pioneering the use of digitally-enabled research in the UK and digital technologies.

BUSINESS ENVIRONMENT

Through a strengthened Accelerated Access Collaborative, we will build a stronger innovation ecosystem & improve patient access to innovations. We will develop better testing infrastructure to improve NHS/industry collaboration & co-development – attracting more innovators to develop products in the UK. We will work with the MHRA to ensure the UK regulatory framework keeps pace with emerging technology developments.

PLACES

Government will renew its offer of Life Sciences Opportunity Zone status to help areas raise their profile at an international level. We will work with the sector to make the landscape easier for investors to navigate. New industry partnerships are being developed across the devolved administrations and the English regions generating significant investment.

What is the Life Sciences Sector Deal 2?

The second Life Sciences Sector Deal continues to drive forward the joint commitments of government and the sector to make the UK a global leader in life sciences, and outlines the strong **progress made since the first Life Sciences Sector Deal** was announced in December 2017:

- We have made an investment of £85m in our already world-leading genomics assets at UK Biobank has launched the world's largest whole genome sequencing project.
- £50m will get five new centres of excellence in digital pathology and radiology off the ground next year to apply AI tools to digital images to detect abnormalities more quickly and accurately than humans.
- A £146m commitment to medicines manufacturing is building an impressive end-to-end national infrastructure for advanced therapies including doubling capacity at the Cell and Gene Therapy Catapult Manufacturing Centre; three new advanced therapies treatment centres; and two new innovation centres for vaccines and medicines manufacturing.
- Supported by £86m of government funding, the government, the NHS and its partners are delivering on their clear commitment to implement the Accelerated Access Review.

Together with the sector, Government is further developing and capitalising on opportunities in new and emerging industries, including early disease detection and genomics, digital technologies and data analytics, and advanced therapies, which look to tackle some of the major challenges that healthcare systems are facing.

The second Sector Deal also highlights how industry continues to show confidence in the UK's R&D strengths, with **£1.2 billion of new inward investment announced as part of the deal** – including a major £1bn commitment from UCB – which will further strengthen the UK as a world-leading science base.

How can you help?

- Posting social media content and creating your own – digital assets are available at:
<https://drive.google.com/drive/folders/1M96OgWwLhJ3cGj9pjCWRNdOvJiJtHXQZ?usp=sharing>
- Please use the hashtag **#IndustrialStrategy**
- Including content in newsletters, blogs and online (both internal and external)
- Longer term support: host a roundtable or event with stakeholders linked to the life sciences sector and the wider Industrial Strategy

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