

Key R&D areas

After a mid-term review of the Research, Innovation and Enterprise 2020 plan, more funding has been allocated for three key areas:

Digital capabilities

S\$500 million



■ About S\$300 million of this will support growth in services and digital economy. This includes:

- Additional funding for existing programmes in areas such as artificial intelligence and cybersecurity
- New capabilities in areas such as digital trust, social science of digital technologies, and computational law

■ Almost S\$200 million to improve supercomputing infrastructure

■ S\$41 million top-up for the National Robotics Programme

The Singapore Food Story

S\$144 million



■ Sustainable urban food production, including aquaculture and urban agriculture

■ Biotech protein production, including microbial protein manufacturing and cultured meat

■ Food safety science

Cell therapy manufacturing

S\$80 million



■ **Scalable Autologous Clinical Cell Manufacturing Platform**

To tackle bottlenecks in the manufacturing process and develop a commercially scalable platform

■ **Biological Quality**

Determinants for Allogenic Mesenchymal Stem Cells Manufacturing

To address issues of donor selection and optimal culture conditions

■ **Critical Analytics for Manufacturing of Personalised Medicine Programme**

To develop technology for safe, effective, cost-efficient manufacturing of cells for personalised medicine