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## A global business

Our products are in use all over the world, every second of every day.





### **Our future**

As pioneers, we must continuously innovate to provide the best solutions in the markets we serve.

In the coming years, we believe that the three key trends will define the world's future power needs.

### Electrification

Fusion of mechanical and electrical technologies



### Digitalisation

Fusion of physical and digital technologies

### Growing demand for cleaner, safer and more competitive power

Increasing demand for travel, trade and sustainable energy





### At a glance

## **Civil Aerospace**







35 types of commercial aircraft powered by Rolls-Royce engines



13,000 engines in service around the world











Over 150 Customers in over 100 countries



16,000 engines in service around the world



## **Power Systems**





>1,200 Development, service production, and dealership locations



>20,000 Reciprocating engines sold per year



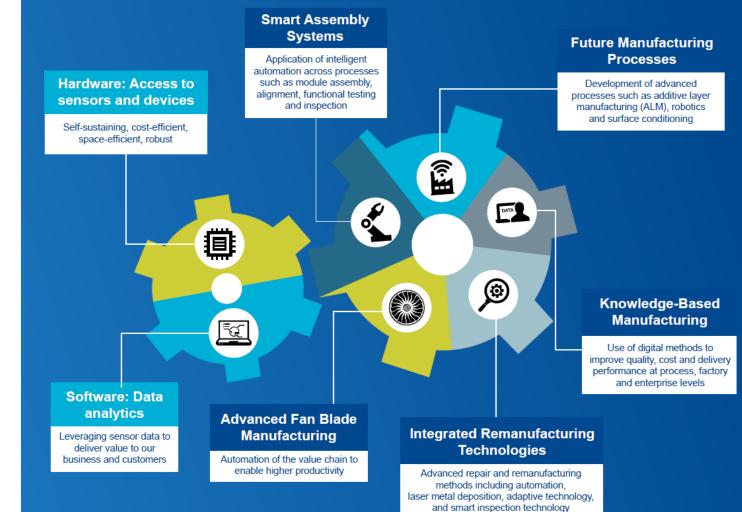


# Technology- led innovation

	In 2017 we <b>invested more than £1.3 billion</b> in research and development.
•	We also support a global network of <b>31</b> <b>University Technology Centres</b> and <b>7 advanced manufacturing centres</b> , which position Rolls-Royce engineers at the forefront of scientific research.
	We're investing in <b>tomorrow's</b> <b>technology</b> , focusing on engineering excellence and creating a culture of innovation today, to shape the <b>future of power.</b>



### The Smart Manufacturing Joint Lab





# A collaborative approach





## **Engaging SME's**

### **Objective of workshop:**

- Create awareness of A\*STAR Rolls-Royce -SAESL Smart Manufacturing Joint Lab
- Use Joint Lab as a platform to outreach and increase supplier base for Rolls-Royce and SAESL
- Measure the suppliers smart readiness level to catalyse the transformation of manufacturing

### Speakers:









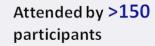


TUN



>35 Companies attended









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### Accessing Maturity of Technology



#### Manufacturing (MCRL)



### Benefits of Smart Manufacturing

