

TORBAY'S HI-TECH SECTOR THE LEADING LIGHT

DELIVERING WORLD CHANGING TECHNOLOGY

IN TORBAY & SOUTH DEVON

Torbay is nationally recognised by industry as one of the top locations for electronics and photonics expertise in the country, and has a strong growing cluster.

Key companies within Torbay and South Devon include specialists in advanced manufacturing, electronics, photonics, optical coatings, GNSS, fibre optics, RF & wireless manufacturing:

OVER 960 FTE

directly employed in the electronics & photonics industry in Torbay and South Devon

EXCESS OF £108M

generated per annum

OVER 50%

of which is exported to 15 countries spanning all 6 continents.

AREAS WHERE TORBAY HAS PARTICULAR STRENGTHS ARE:

- Optical Systems
- Medical technology
- Manufacturing technology
- Defence
- Satellite technologies



IN THE SOUTH WEST

HOME TO the largest concentration of silicon designers in Europe and only second to Silicon Valley in the USA.

ESTIMATED 715

companies based in the South West

AROUND 8,700

employed in the electronics, sensors & photonics industries.

Clusters around
BRISTOL BATH
SOUTH GLOUCESTERSHIRE
SOUTH DEVON

IN THE UNITED KINGDOM

MORE THAN 8,000

companies in the electronics, sensors and photonics industry

AROUND £29BN

generated a year in revenues

OVER £12BN

contributed per year to the UK economy

OVER 70,000

people employed in this sector

ESTIMATED 8-10%

growth annually for the next 10 years

UK PHOTONICS INDUSTRY

produces lasers for manufacturing, entertainment, computer chips, transmitting information, 3D printing, measurement, sensors and healthcare.



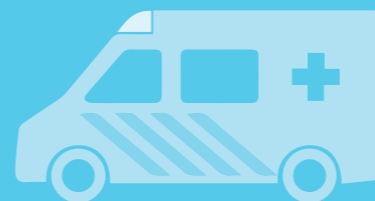
EVERY EURO FIGHTER TYPHOON CONTAINS COMPONENTS MANUFACTURED IN TORBAY



46%
OF LARGE COMMERCIAL AIRLINERS CONTAIN ELECTRONIC COMPONENTS FROM TORBAY



TECHNOLOGY DEVELOPED IN TORBAY EXTENDS AS FAR FROM PEOPLES POCKETS TO THE OUTER EDGE OF SPACE.



OVER 1.3M ELECTRONIC COMPONENTS PROCESSED IN TORBAY HAVE BEEN USED FOR EMBEDDED LIFESAVING APPLICATIONS

LEADING R&D FOR MICROELECTRONIC COMPONENTS IN HARSH ENVIRONMENTS

-55°C TO 225°C

"IF GENERAL MOTORS HAD KEPT UP WITH THE TECHNOLOGY LIKE THE SEMICONDUCTOR INDUSTRY, WE WOULD ALL BE DRIVING \$25 CARS THAT GOT 10,000 MILES TO THE GALLON"

Bill Gates



SUPPORTED BY LEADING UNIVERSITIES:

- University of Exeter – Centre for Additive Layer Manufacturing
- University of Plymouth – The Electron Microscopy Centre
- University of Bath – Lab for Integrated Metrology Applications
- University of Cambridge – Institute of Manufacturing

CUSTOMERS INCLUDE:

- Bosch
- Canon
- Fujitsu
- Hitachi
- NEC
- Panasonic
- Ricoh
- Cisco
- Ericsson
- Huawei
- Nokia Siemens Networks
- BT
- Motorola
- Google
- Dell
- HP
- AMD
- Intel
- European Space Agency
- NASA
- Airbus
- Rolls Royce

ENGINEERING BASE FOR:

- Gooch & Housego
- Elektron Technology
- Waveguide Solutions
- Valeport
- Fastback Networks
- Select Group of Companies
- Eurotech
- Bay Photonics
- Eltek Semiconductors

R&D BASE FOR:

- II-VI Lasers
- Oclaro Technology
- Gooch and Housego
- Spirent Communications
- Effect Photonics
- Venture Photonics
- BB Photonics



www.torbaydevelopmentagency.co.uk/hitech