

Realising the Potential of Sensing & Instrumentation - How we can Help

Robin Higgons
Sensors & Instrumentation
KTN





Solving Challenges in Science and Heritage – The Role of Sensors and Instruments

11 December, 2008

National Conservation Centre, Liverpool

Knowledge Transfer Networks

Aerospace & Defence

BioProcess UK

Bioscience for Business

Chemistry Innovation

Cyber Security

Electronics

Electronic-Enabled Products

Food Processing

GRID Computing

Health Technologies

Industrial Mathematics

Integrated Pollution Management

Intelligent Transport Systems

Low Carbon & Fuel Cell Technologies

Location & Timing Materials

Materials

Micro & Nano Technologies

Modern Built Environment

Photonics

Resource Efficiency & Waste Management

Sensors & Instrumentation

UK Displays & Lighting

Knowledge Transfer Networks

What are they & what do they do?

- What they Are: - A Conduit
 - Vehicle for the community to develop ideas & interactions;
 - Communications route between the community & Government
 - Playing increasingly significant role in development of UK Technology Strategy & as focal points for Technology Programme.
- What they Do:
 - Improve UK's innovation performance
 - Increase breadth & depth of Knowledge Transfer
 - Accelerate rate of KT
 - Actively contribute & remain aligned to the development of a national Technology Strategy

What is the Sensors & Instrumentation KTN?

- Network covering the UK's sensing & instrumentation community - academics, large industries, small businesses, research councils, and government departments.
- Embraces sensing from measurement principles, novel sensor technologies, instrumentation, deployment, and data analysis.
- Our Mission: To improve UK's sensing innovation by transferring knowledge to businesses and enabling them to access the best science and technology.

Sensors & Instrumentation KTN



Managed by:



Science & Technology
Facilities Council



UKAEA
Restoring our Environment

Funding partners

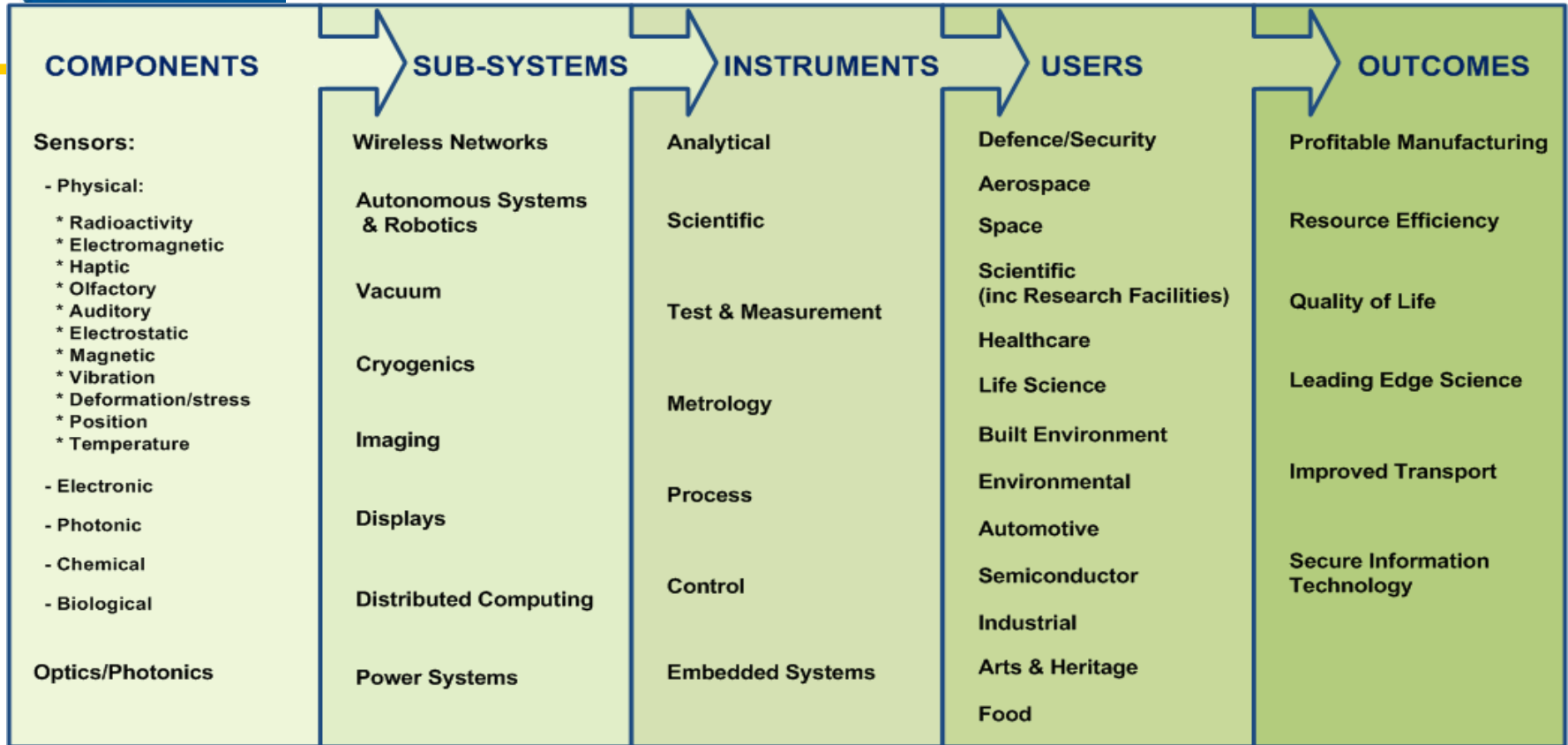


AUTOMATION
INSTRUMENTATION & CONTROL
LABORATORY TECHNOLOGY

Institute of **Physics**
INDUSTRY-UNIVERSITY
TECHNOLOGY PROGRAMME

Supporting partners

Sensors & Instrumentation Supply Chain



UNDERPINNING CAPABILITIES

Packaging	Design Engineering	Software	Skills/Training
Fabrication (inc MNT)	Electronics	Signal Processing/Analysis	Measurement Standards
Materials	Systems Engineering	Modelling & Simulation	Certification
	Electrical Engineering		

Activities

- **Connecting academics to industry**
 - Turning research into products
 - Collaborations and industrial partnerships
 - Supporting spinout companies
 - Funding opportunities
- **Helping small companies exploit sensing**
 - Raising the profile of SME developers
 - Brokering introductions with customers
 - Preparing for the market
 - Winning funding

Activities

- **Driving sensing innovation**
 - Advising funders and policy makers
 - Leading funded activity to drive growth in sensing
 - Giving specialist networks access to a wider sensing community
- **Sensors & Instrumentation KTN activities**
 - Connecting the sensing community – sign up for our directory
 - 11 technology translators giving direct one-to-one help
 - Events e.g. Intelligent Sensing Programme
 - Input to government to direct its spend

How We Can Help You

- Advice on practical issues of KT
- Assistance in finding partners for KT collaborations
- Guidance on forming KT collaborations
- Tailored advice on evaluating funding opportunities
- Support in preparing funding applications for KT
- Support for spin-out company opportunities

Join Us

So come and talk to us about how we can
help you

robin.higgons@qi3.co.uk

01223 422406

www.sensorsktn.com