



KTN

Special Interest
Group

**Robotics and
Autonomous Systems**



KTN

the Knowledge Transfer Network

ktn-uk.org

@KTNUK_RASSIG

KTN – The oil in the wheels

Our purpose is to...

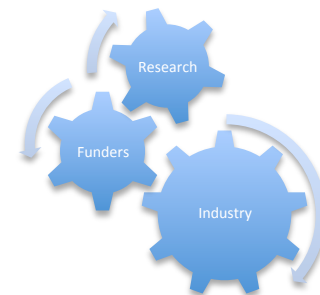
Help business to grow the economy by capturing maximum value from innovative ideas, scientific research and creativity

We will do this by...

Joining up the the dots along innovation journey by connecting people from industry, research and government sharing intellect and experience.

And Also...

Offer ICT sector intelligence and outline challenges to a cross sector innovation community



The Knowledge Transfer Network

Connecting people to accelerate innovation



Strategic

Connecting people who wouldn't usually meet to solve innovation challenges.



Interdisciplinary

Bringing together businesses and researchers from different sectors.



Entrepreneurial

Linking people with new ideas and technologies to partners and customers.



Commercial

Introducing innovators to public and private funders and investors.

Addressing societal challenges and growing new technologies

Chris Warkup
CEO



We are eliminating silos to make it easier to assemble multi-disciplinary teams so that we can do more, and do it well.

16 Industry communities

Core thematic networks covering key application areas and underpinning technologies

20 Cross-sector groups

Interdisciplinary programmes building communities around priority challenges

60,000+ Members

An engaged online community of innovators served by a single platform

15,000+ Delegates per year

Hundreds of events bringing people together 'to make magic happen'

This is your Day



UK RAS Roadmap – tinyurl.com/ukrasroadmap

What RAS does



Manipulation and processing

Recognise, select, grasp and manipulate raw materials and parts, assemble or disassemble them and then process them



Data gathering and monitoring

Observe and inspect processes, infrastructure or systems and assess performance, identifying failures or features



Sorting and storage

Sort, pack, unpack and store goods, raw materials and parts. Identify and keep track of parts



Transportation

Convey items over a distance, short distances inside a factory or long distances along roads, in the air, on or under the water

Local robotics networks

RAS Ecosystems

- Connecting the end users to the suppliers of RAS technologies
- Creating a dialogue between the local universities and those end users and suppliers of RAS technologies to help deliver the skills needed by industry
- Supporting the incubators of RAS start-ups through networking and access to finance
- Engaging with the local councils and LEPs to identify how RAS can impact on their strategies for growth
- Building collaborations to exploit local, national and European funding

Local robotics networks

Dissemination Events & Consortium Building

- 12th September: MTC, Coventry
- 14th September: Media City, Salford
- 19th September: NOC, Southampton

Connect with us

find out more on _connect: tinyurl.com/robosig

follow us on twitter: [@ktnuk_rassig](https://twitter.com/ktnuk_rassig)

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