We are the UK’s Innovation Agency

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Taking a new idea to market is a challenge.

We fund, support and connect innovative British businesses through a unique mix of expertise, facilities, networks and programmes to accelerate sustainable economic growth.
A national organisation

• We are a national body set up by government to stimulate business innovation
• Working across business, universities and government
• We are mostly from business; together our 200+ people have over 2000 years’ business experience
• Investing around £400m per year in innovation
What we do...

• We help strengthen the global competitive position of our leading businesses
• We identify and grow sectors and businesses with the capacity to become the best in the world
• We nurture the businesses that can succeed in the growth sectors of tomorrow.
We consider...

• Can the UK do it?
• Is the idea ‘ready’?
• Is there a large market opportunity?
• Can we make a difference?
Knowledge Transfer Partnerships

• A recently qualified ‘associate’ joins a company to work on a challenging innovation project.
• Draws on the expertise in universities and colleges
• Improves competitiveness and unlocks innovation capability
Knowledge Transfer Network

• Launched 1st April 2014, unifying the previously separate KTNs
• Learning from the history of publicly funded networking to combine best of breed
• A not-for-profit company with more than 120 knowledge-sharing professionals
• Friendly to other networks in the UK, EU and world-wide.
Innovation Platform – Smart + Connecting Transport
Karla Jakeman
What is an Innovation Platform?

• A new and national approach to stimulating innovation
• A focused and open way of working on a specific issue
• It addresses major societal challenge, by...
  – understanding and working with Government, businesses, industries and Catapults
  – engaging with communities, academia to identify appropriate responses and development needs
  – supporting timely and value add interventions to deliver innovative and business led solutions
  – A five year plan of intervention and activity to address the challenge pump priming activity, or staged capability development
Innovation Platform
(up to £60m over five years)

Emerging specialist industries
- Space, Satellite Applications
- ICT, IT
- Traffic Management
- Digital
- Energy

Capabilities
- Behaviours
- Infrastructures
- Navigation
- Financial systems
- Connectivity
- Data & information
- Traffic Systems
- Sensing, Location
- Internet / Cloud
- Technologies

Resilience, Security, Integration
- i Autonomous systems
- i Mobility
- i Personal Travel
- i Deliveries
- i Safety
- i Incidents
- i Asset Management
- i Energy (Smart Grids)
- i Corridors / highways
- i Finance / ticketing
- i Social Science

Innovation matures left - right

Markets
- NHS
- Retail
- Tourism
- Blue light
- Leisure
- Freight Logistics
- Travel
- Modes

Outreach
- KTN
- Tech mapping
- CDE
- Future Cites
- Sat Apps
- Transport Systems

Technology Matures: Underpinning to Market

Time: 5 years .... 15 years ..... 30 years .... 2035 +
Needs of the Transport system (IP) (very – broadly)

• How can satellite applications assist in understanding the ‘truth’ of the national transport system – it is condition or status?

• Through sensing technologies real-time understanding is needed – what drivers/gaps exist in Satellite systems that impede this?

• What can be achieve now?
• What can be achieved in the future?
• What are the funding opportunities for collaborative R&D?
www.innovateuk.gov.uk

https://interact.innovateuk.org

https://connect.innovateuk.org

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