

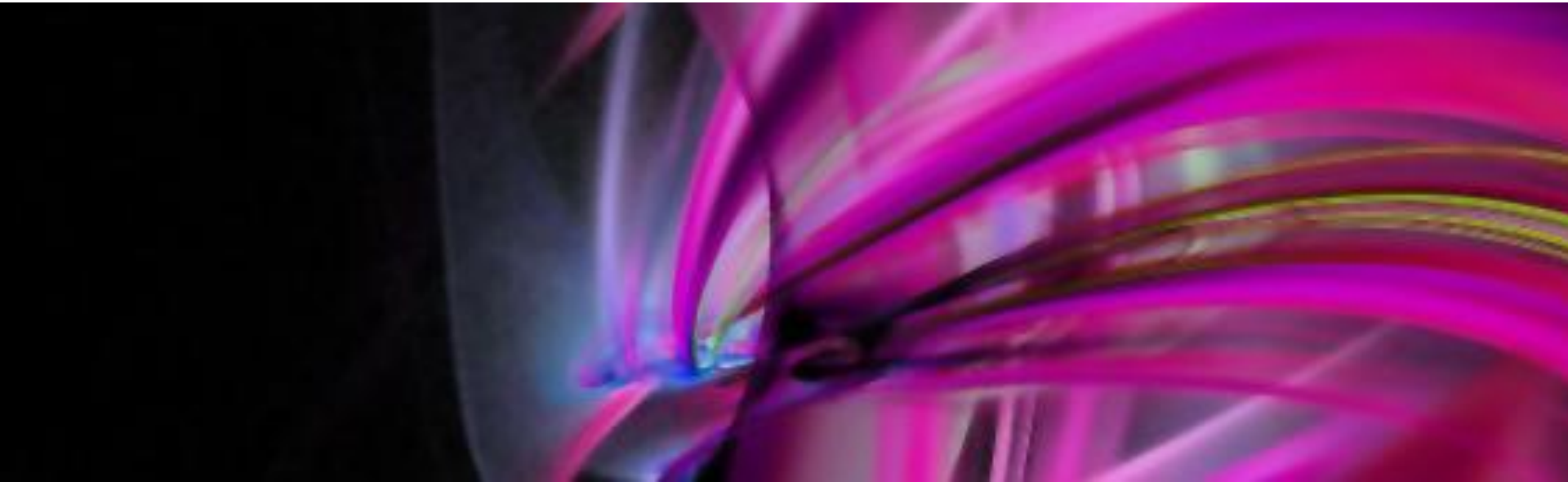
Technology Strategy Board

Driving Innovation

Technology Strategy Board

“Supporting innovation growth in Marine”

Stephen Hart – 07/09/11



The Technology Strategy Board

- **We are The UK's Innovation Agency”**
- Our goal is to accelerate economic growth by stimulating and supporting business-led innovation
- Set up in 2007 to invest in business-led innovation, promoting the application of science & technology
- Working across business, public sector, academia, regional and central government
- Staffed mostly from the private sector

Concept to Commercialisation

- **Innovation – the successful exploitation of new ideas – is a key driver of economic growth for developed countries**
 1. **Accelerating the journey between concept and commercialisation**
 2. **Connecting the innovation landscape**
 3. **Turning government action into business opportunity**
 4. **Investing in priority areas based on potential**
 5. **Continuously improving our capability**

The International Environment

- **An important role of the Technology**
- **The UK innovation system extends beyond our borders. Through the EU, business can gain innovation support on a scale not available within the UK.**
- **This can bring UK companies new R&D funding, the chance to collaborate**
- **with other world-class companies and institutions, and reach into the world's largest 'home' market.**

Innovation Climate

- *The Innovation Climate* is about fostering a better climate for innovation in the UK, and is embedded in everything we do
- We promote KT across communities and sectors, and between our project portfolios
- We fund *Knowledge Transfer Networks (KTNs)* in key market sectors and technology areas
- We promote knowledge transfer between academia and industry through the KTP scheme (www.ktponline.org.uk)

The “tools” we use to enable innovation

- Classical **Collaborative R&D** (CR&D) competitions
- **Feasibility Studies** (small projects, 3-6 months)
- **Fast Track CR&D** Projects (6-18 month projects)
- Challenge scoping / creative thinking / consortium-building **workshops**, knowledge sharing days, etc.
- Small pieces of **contracted work** where appropriate
- **Pre-competitive research contracts** (SBRI)
- **KTP** projects (1-3 years duration)
- Short **KTP** projects (2-10 months duration)

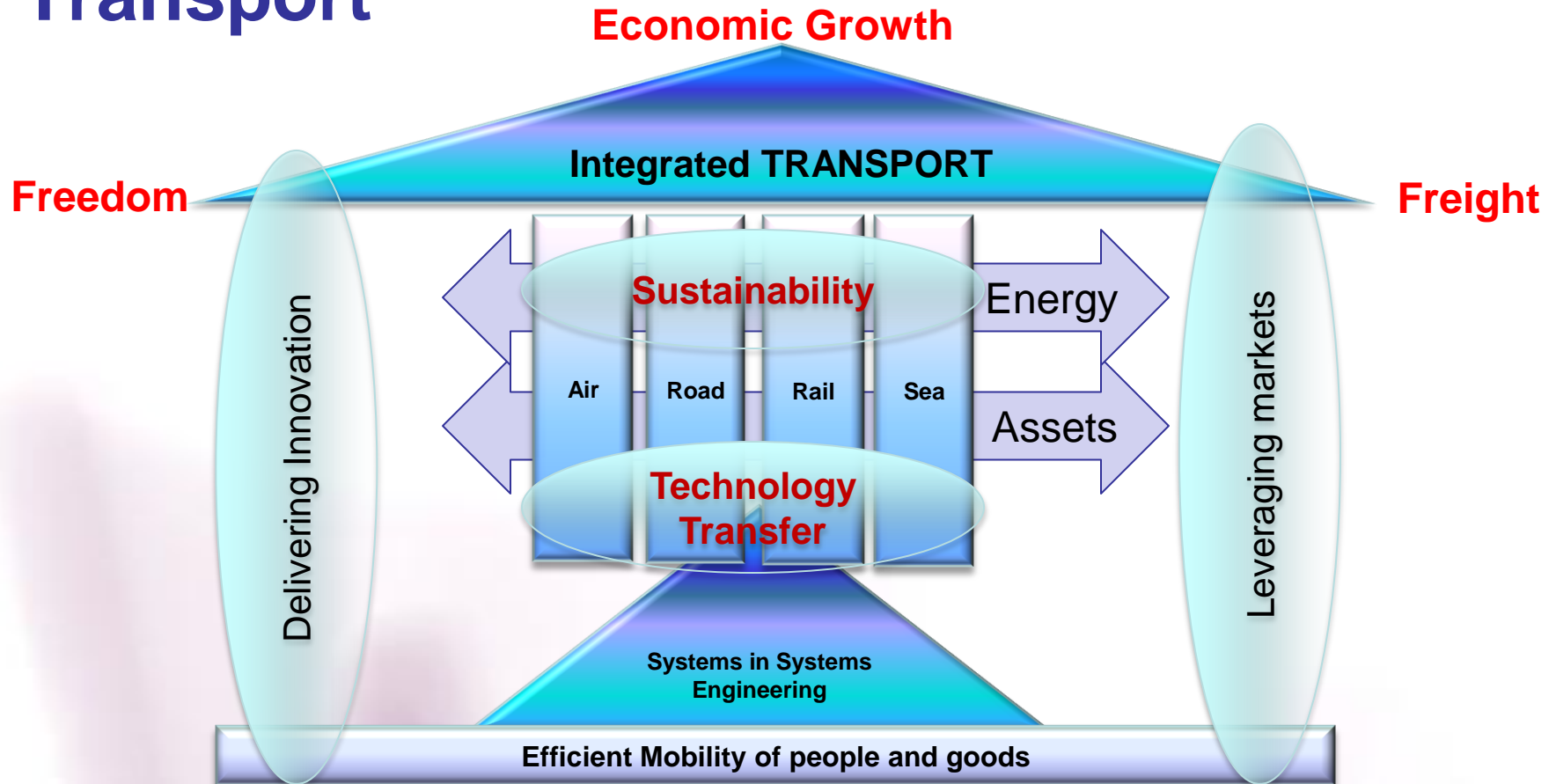
Challenge-led innovation: *our Application Areas*

- **Understand the market needs;
support innovative and competitive
responses**
 - **Energy generation and supply (EGS)**
 - **Creative industries**
 - **High value services**
 - **Medicines and healthcare**
 - **Transport**
 - **Built environment**
 - **Environmental sustainability**

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Transport



TSB in Marine

- **Supporting the UK Marine growth strategy by funding the refresh of the Technology Roadmap and developing a UK capability study**
- **Longer term**
 - Considering and budgeting for a UK marine competition in 2012
 - Continue to work with the industry to seek opportunities for growth with the supply chain
 - Seek opportunities for work with the International community
 - Bridge research with industries and work with the research councils for future activity

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www.innovateuk.org

