TSB Programmes for supporting Innovation

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Technology Strategy Board
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Who we are

Our aim is simple...

...to accelerate economic growth by stimulating and supporting business-led innovation

• We are the UK’s innovation agency - a national body set up by government
• We have about 230 staff – with a combined 2,000 years’ business experience
• We are responsible for investing over £440m each year in UK innovation
• We are supporting 5,000 businesses and work with 150 research groups
• We work across business, universities and government
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?
Driving Innovation

What areas do we work in?

Anticipated expenditure per area in 2014-15

- Space Applications £10m
- Energy £25m
- Built Environment £10m
- Food £10m
- Transport £20m
- Health £55m
- Resource Efficiency £5m
- Developing new opportunities

Advanced Materials, Biosciences, Electronics, Sensors and Photonics, Enabling Technologies £20m, Emerging Technologies and Industries £5m
We can help with....

1. Funding
2. Business & investment support
3. Connections
4. Networks
**Technology Strategy Board**

*Driving Innovation*

... through many different routes

### Access to grants

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### Access to knowledge

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### Access to equipment and skills

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- Open to businesses from all sectors and all technologies
- For single company, UK based SMEs - open to Pre start-ups and Start-ups
- Always open for applications
- Fast process - 30 day decision turnaround projects start as soon as 20 days after decision
- It is competitive! Only the best, most innovative and commercially promising ideas will get funding
Co-funding for UK-based pre-start-ups, start-ups, micro businesses and SMEs - science, engineering and technology R&D projects leading to successful new products, processes and services.

The Smart programme is ‘always open' and is not restricted to projects in certain themes or sectors.

Three types of grant are available:

- **Proof of market**
- **Proof of concept**
- **Development of prototype**
Technology Strategy Board
Driving Innovation
Innovation Vouchers

An Innovation Voucher (worth £5k) can enable your business to access knowledge for all types of innovation – for example:

– ideas for new or improved products, processes and services
– using design to improve your ideas
– managing your intellectual property
Themes

- Agrifood
- Built Environment
- Energy, water and waste
- Cyber Security
- Open Data
- Space
- High Value Manufacturing
• **How do I apply?**
  • On line and there are 4 competitions a year

• **How many questions are there?**
  • What is the idea or opportunity you need help with?
  • How will an external expert be able to help you develop your idea?
  • What impact could this idea have on your business?

• **How is it assessed?**
  • It is a lottery – winners are drawn randomly
  • What is the success rate?
  • 75% Over 1000 Vouchers offered in last 12 months

• **Should I apply?**  Yes
Aerospace – Strategy & Funding Opportunities
Supporting the Aerospace Industrial Strategy
Driving Innovation

Development

Catapults
High Value Manufacturing
Cell Therapy
Offshore Renewable Energy
Satellite Applications
Connected Digital Economy
Future Cities
Transport Systems
(Diagnostics for Stratified Medicine)
(Energy Systems)

Sustainability

Energy
Built Environment
Food
Transport
Healthcare

High Value Manufacturing

Digital Services

Space

Advanced Materials
Biosciences
Electronics, Photonics and Electrical Systems
Information and Communications Technology

Knowledge Transfer Networks

Knowledge Transfer Partnerships

Smart

Aerospace
ATI Projects and Competitions

• ATI funded activities are either “strategic projects” or “CR&D projects”

• CR&D projects address specific technical topics and are administered as a competition.
Technology Strategy Board funded competitions

• Funded aerospace competitions that complement ATI projects and allow targeted stimulation of key areas of the market.

• Two competitions run under the Highly Innovative Technologies Enablers for Aerospace (HITEA) initiative targeting key technology areas.
Our single biggest event of the year is....

- The biggest multi-sector, multi-community innovation event in the UK
- Brings together 3000+ high growth UK businesses, international investors, government and academia
- Two days of networking opportunities, top class inspirational speakers from business, academia and the wider innovation ecosystem, with the very latest UK innovations on show

... which is aimed at meeting the business challenges faced by SMEs
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