

# Innovate UK support for Energy Harvesting

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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.

# Background

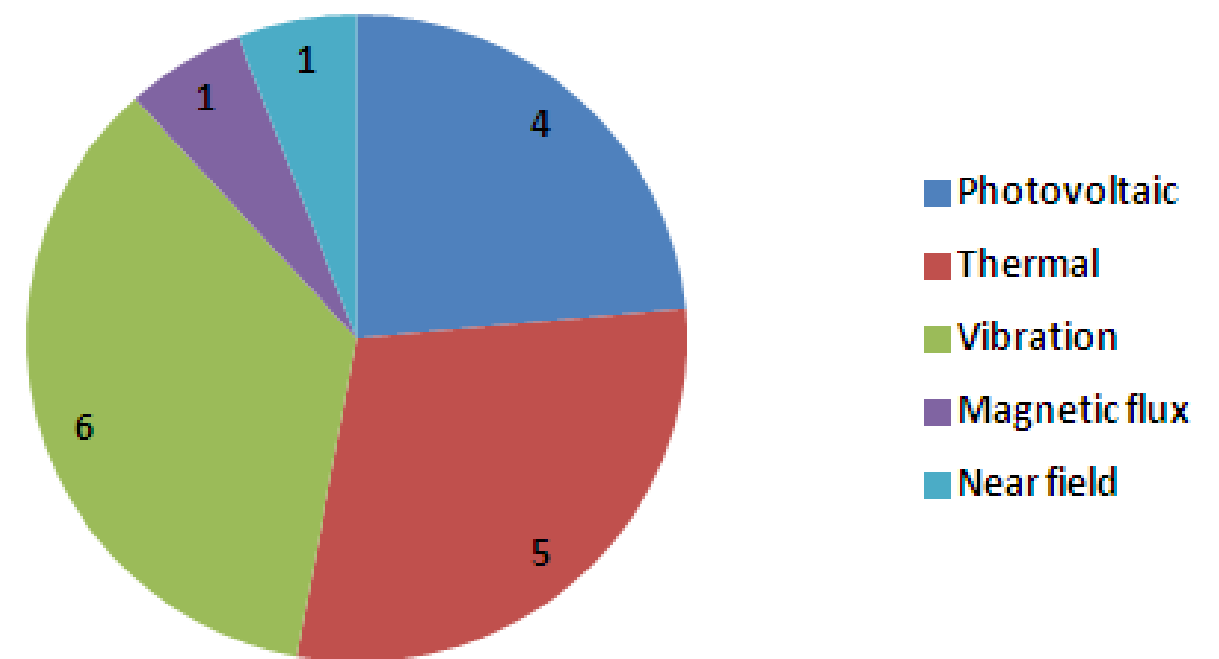
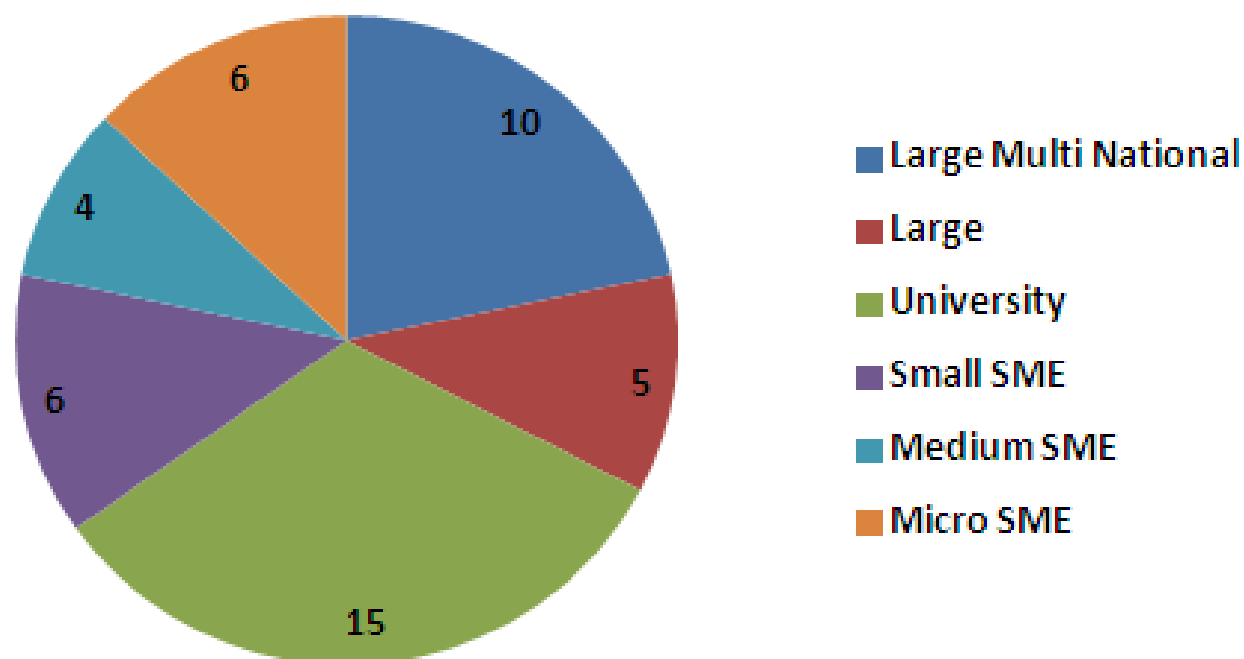
- ❑ In 2011, the TSB identified Energy Harvesting as a key emerging technology
- ❑ At workshops with the energy harvesting sector, we were asked to help to:
  - Invest in demonstrators
  - Build critical mass
  - Create a coordinated programme
  - Build & nurture capability

## We responded by.....

- ❑ Funding an Energy Harvesting Special Interest Group through the Knowledge Transfer Network having a 3 year mandate:
  - 547 members; 19 events; 46 reports; 211 articles / blogs; missions to Japan, USA and Germany
  - Activities will continue beyond the 3 years due to strong engagement from the sector
  - <https://connect.innovateuk.org/web/eh1>
  
- ❑ Committing £3.5m to fund two competitions on energy harvesting as a replacement for primary batteries or to extend battery life in low power electronic systems. Most projects focused on sensing systems

# Competitions' Summary

- ❑ 55 applications received, 17 projects funded (30% success rate)
- ❑ All applications assessed by 5 independent experts
- ❑ £3.5m committed, supporting over £5m of project activity
- ❑ 46 organisations funded, of whom 9 were funded in both calls; 1/3<sup>rd</sup> large companies, 1/3<sup>rd</sup> SMEs, 1/3<sup>rd</sup> Universities
- ❑ Broad spread of energy harvesting modalities



# Other support for energy harvesting...

Collaborative R&D

Smart

SBRI

Launchpad

\_connect

Innovation and  
Knowledge Centres

Innovation  
Vouchers

Entrepreneur Missions

CATAPULT®

Knowledge  
Transfer  
Partnerships

  
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Knowledge  
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