

Satellite Applications

10th Appleton Space Conference

December 2014



Stuart Martin

Chief Executive

Innovate UK
Technology Strategy Board

CATAPULT

UK Space Industry targets £40 billion revenue by 2030

“...substantive support for an elite group of Technology and Innovation Centres.”

Dr. Herman Hauser, 2010

“Catapult centres act as a neutral convener, the place where collaboration across TRLs can take place effortlessly.”

Dr. Herman Hauser, 2014

2010

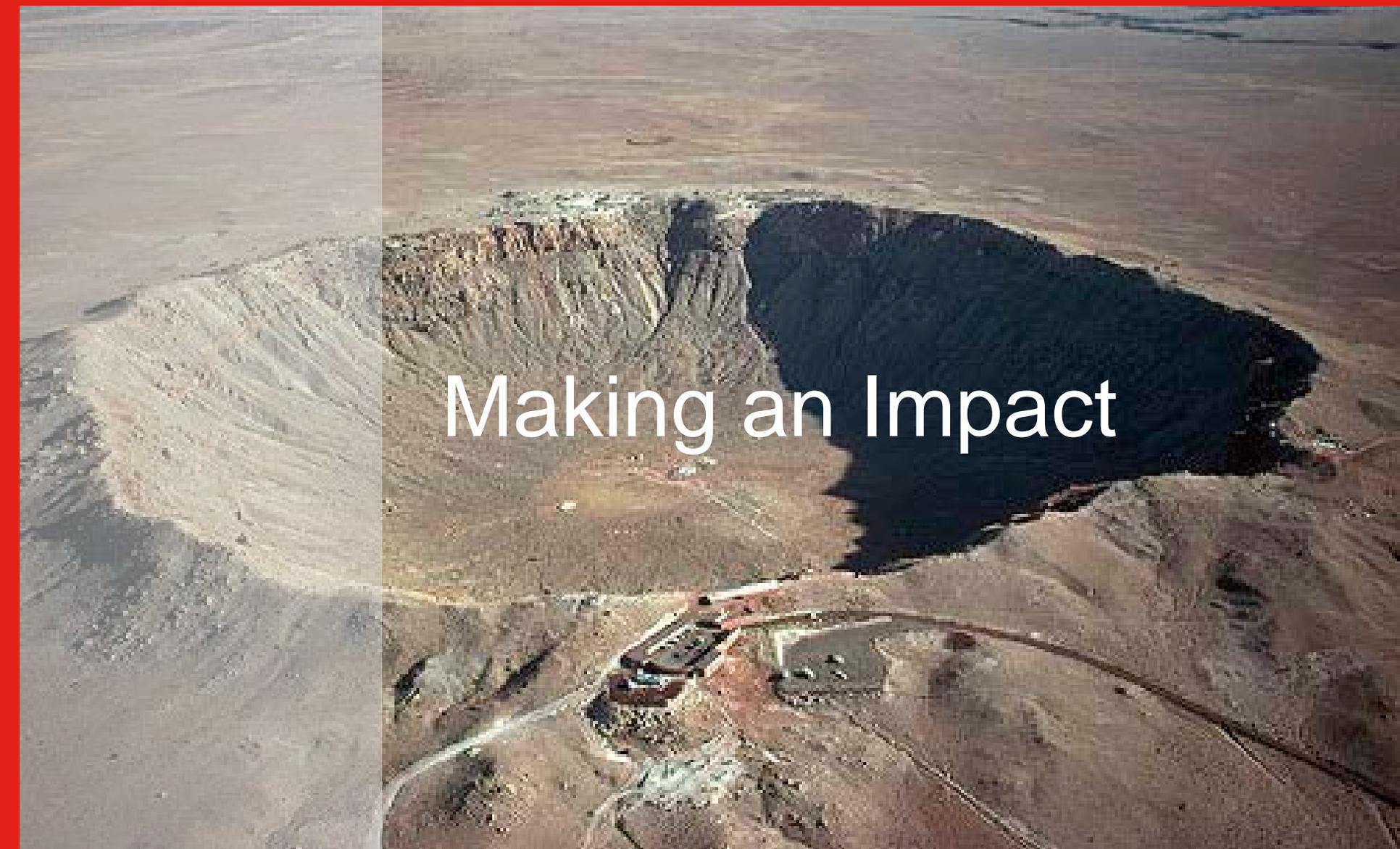


2014



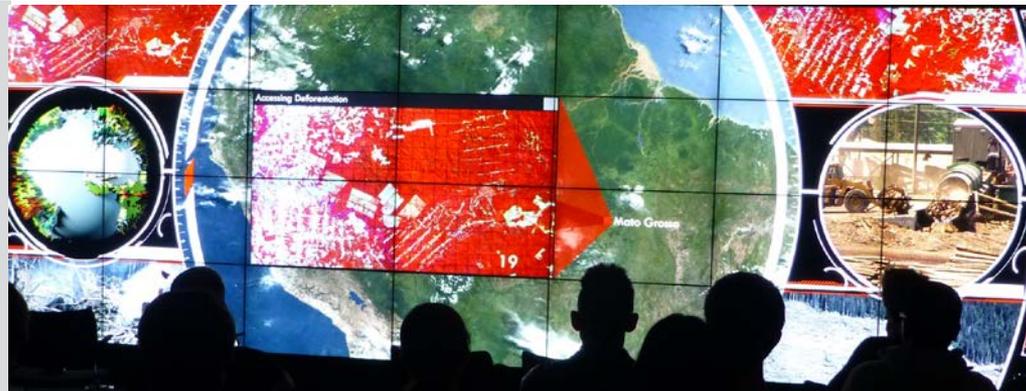


Enabling Innovation

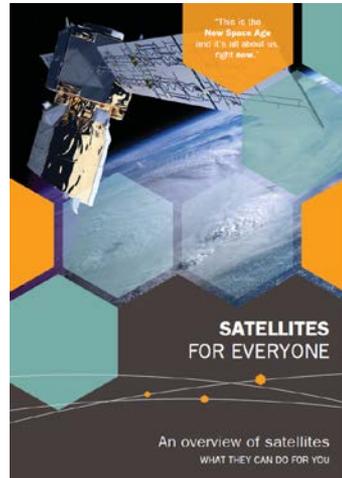


Making an Impact

World class facilities



Promoting the space sector



**Space for
Smarter
Government
Programme**



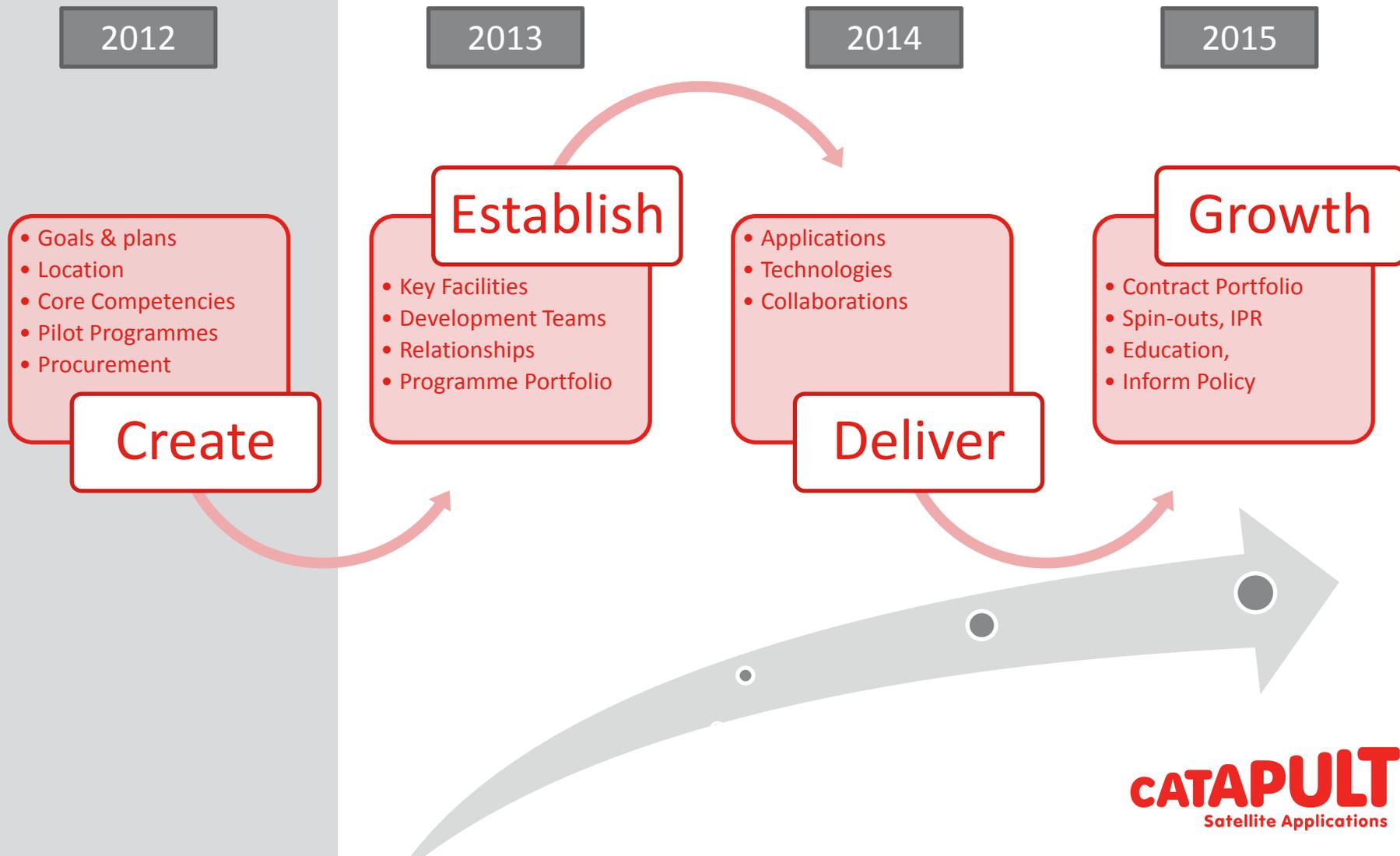
**Copernicus
masters**



**EUROPEAN
SATELLITE NAVIGATION
COMPETITION 2014**

CATAPULT
Satellite Applications

“To innovate for a better world, empowered by satellites”



UK Reach: Centres of Excellence

Scotland

Lead: University of Strathclyde
Partners: University of Edinburgh
Focus: Offshore Energies Maritime



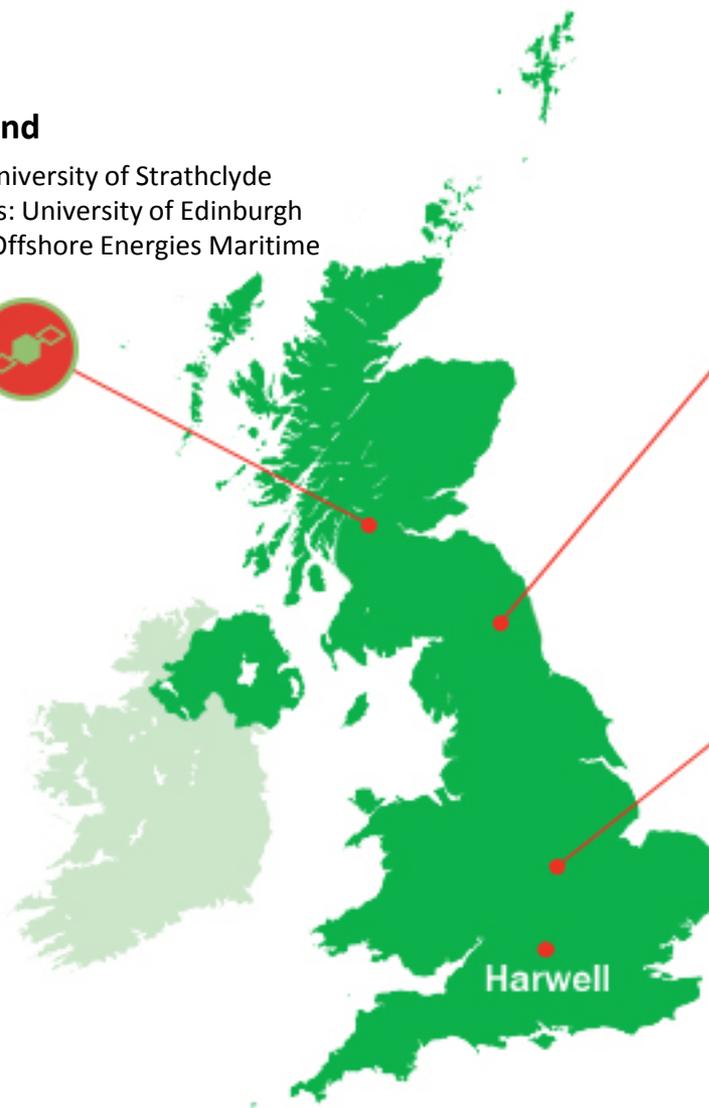
The North East

Lead: Business Durham
Focus: Maritime
Transport



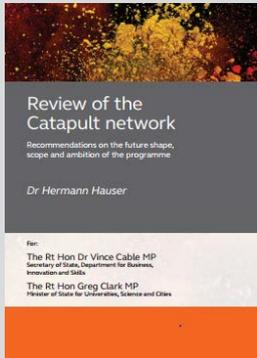
The East Midlands

Lead: University of Leicester
Partners: University of Nottingham
British Geological Survey
Focus: Transport
Sustainable Living



Harwell

Hauser Review supports Innovate goal



Key recommendation

- Neutral convenor to identify & help address wider barriers to innovation and commercialisation
- Drive engagement with UK research base & beyond
- Increase effectiveness of SME strategies

Drive UK economic growth by getting new services to market quickly



Preparing for growth



What have we learned?

- Space is attractive to non-space companies
 - Universities have more to offer than space research
 - SME networking leads to collaboration
 - Scale-ups are just as important as start-ups
 - One solution can be applied to many markets
 - There is great hunger for innovation in the ‘third sector’
- ... and yes, you can see jellyfish from space!

The foundation is there ...

Satellite Applications

Thank you!