

Overview of

- **Current UK Space Policy**
- **Future Technologies**
- **Satellite Applications Catapult Centre**

Jan 2013

Tim Just

Head of Space at the Technology Strategy Board

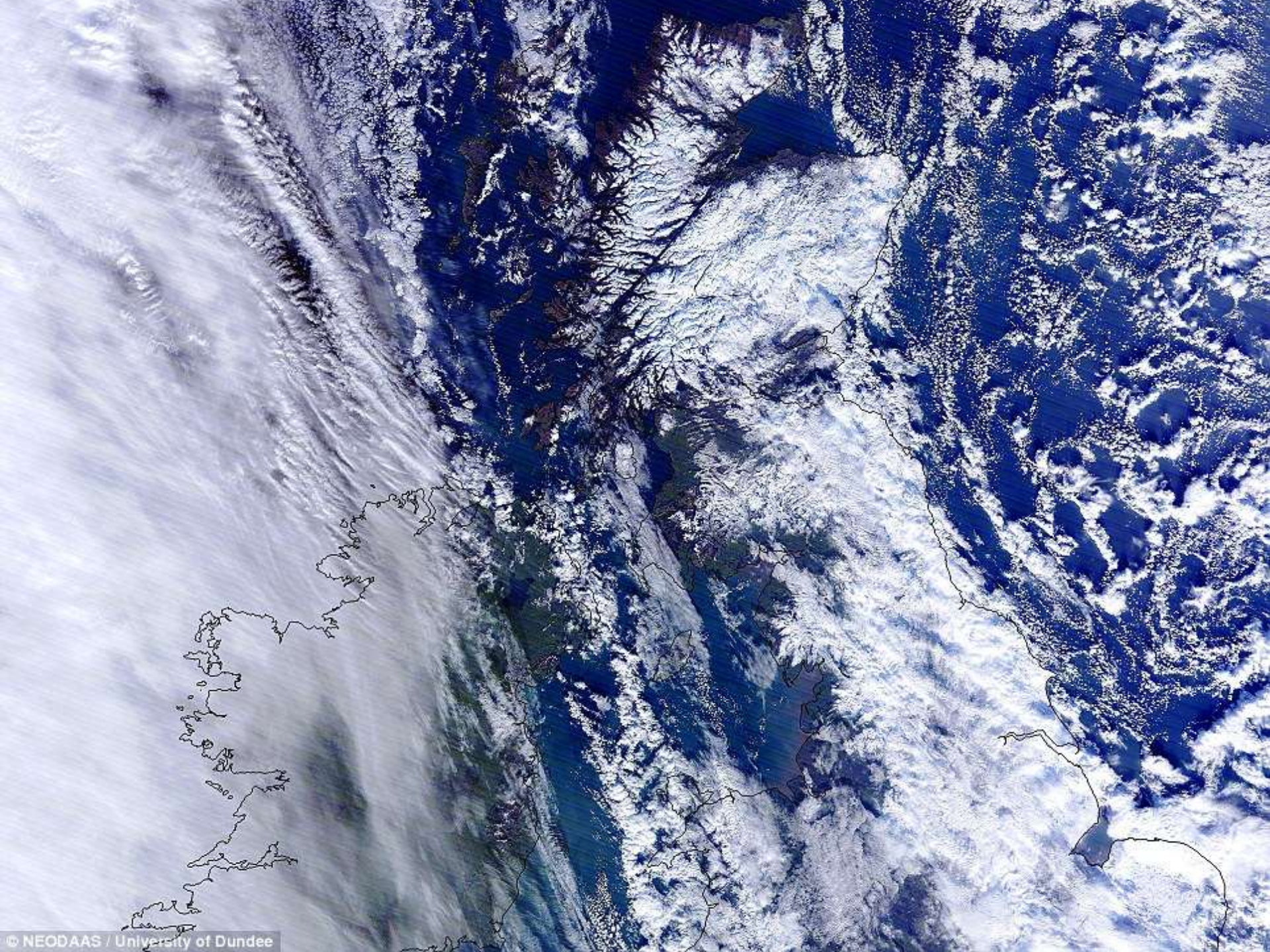


All in 20mins!



Technology Strategy Board
Driving Innovation

CATAPULT
Satellite Applications



Technology Strategy Board
Driving Innovation

Concept to Commercialisation

A strategy for business innovation, 2011-2015



**Our goal is to
accelerate
economic growth
by stimulating and
supporting
business-led
innovation**

The Toolset

Range of Tools with different objectives / characteristics

Collaborative R&D

SBRI Government challenges.
Ideas from business.
Innovative solutions.

Smart

Knowledge
Transfer
Networks

Knowledge
Transfer
Partnerships

_connect

CLEAN AND COOL
MISSION 2012
24 - 31 March

CATAPULT

Launchpad

**Innovation
Vouchers**

eurostarsTM

The Toolset

Every step of the way



Collaborative R&D

Knowledge Transfer Partnerships



CATAPULT[®]

Smart

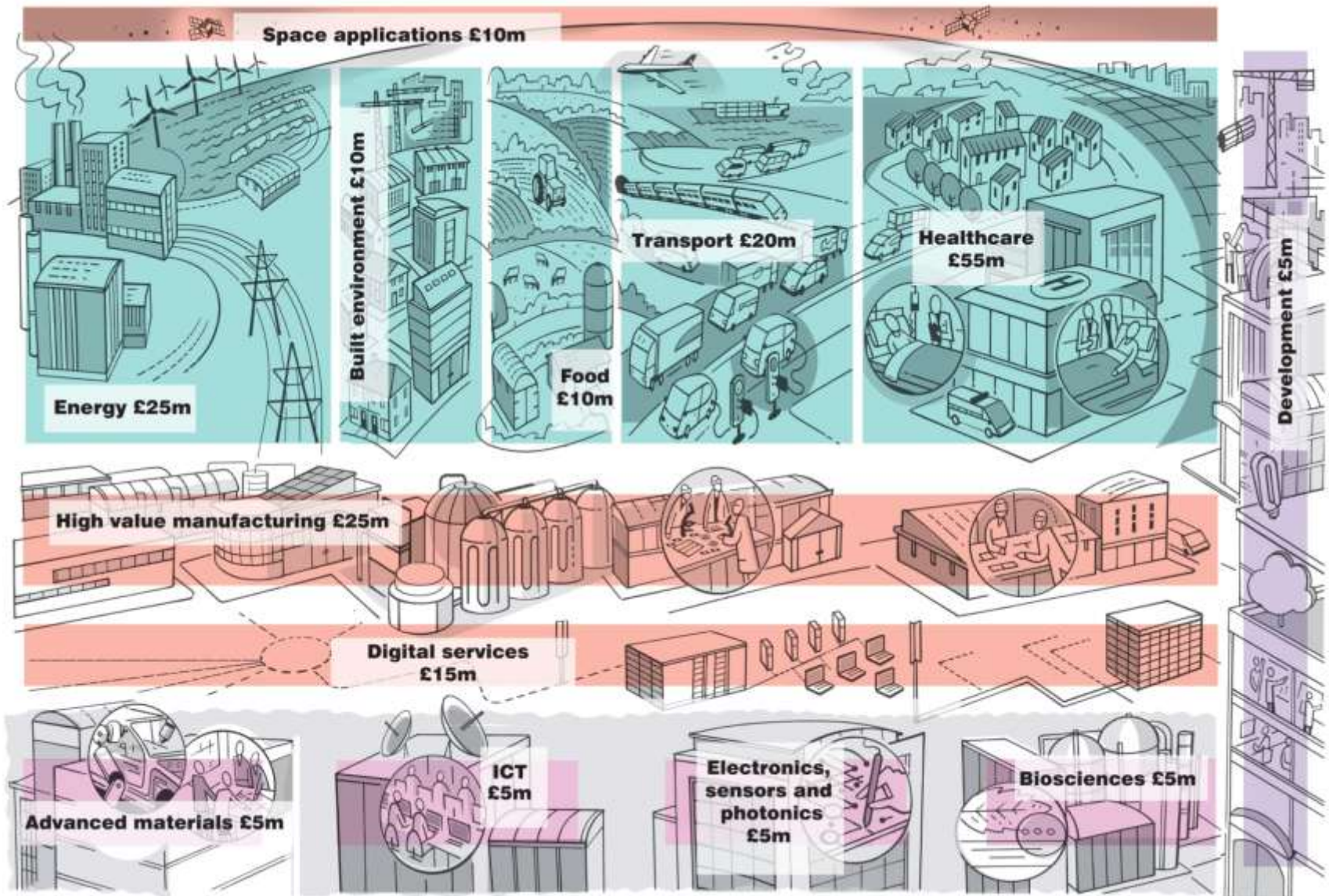


Innovation Vouchers

Launchpad

_connect

The Thematic Areas

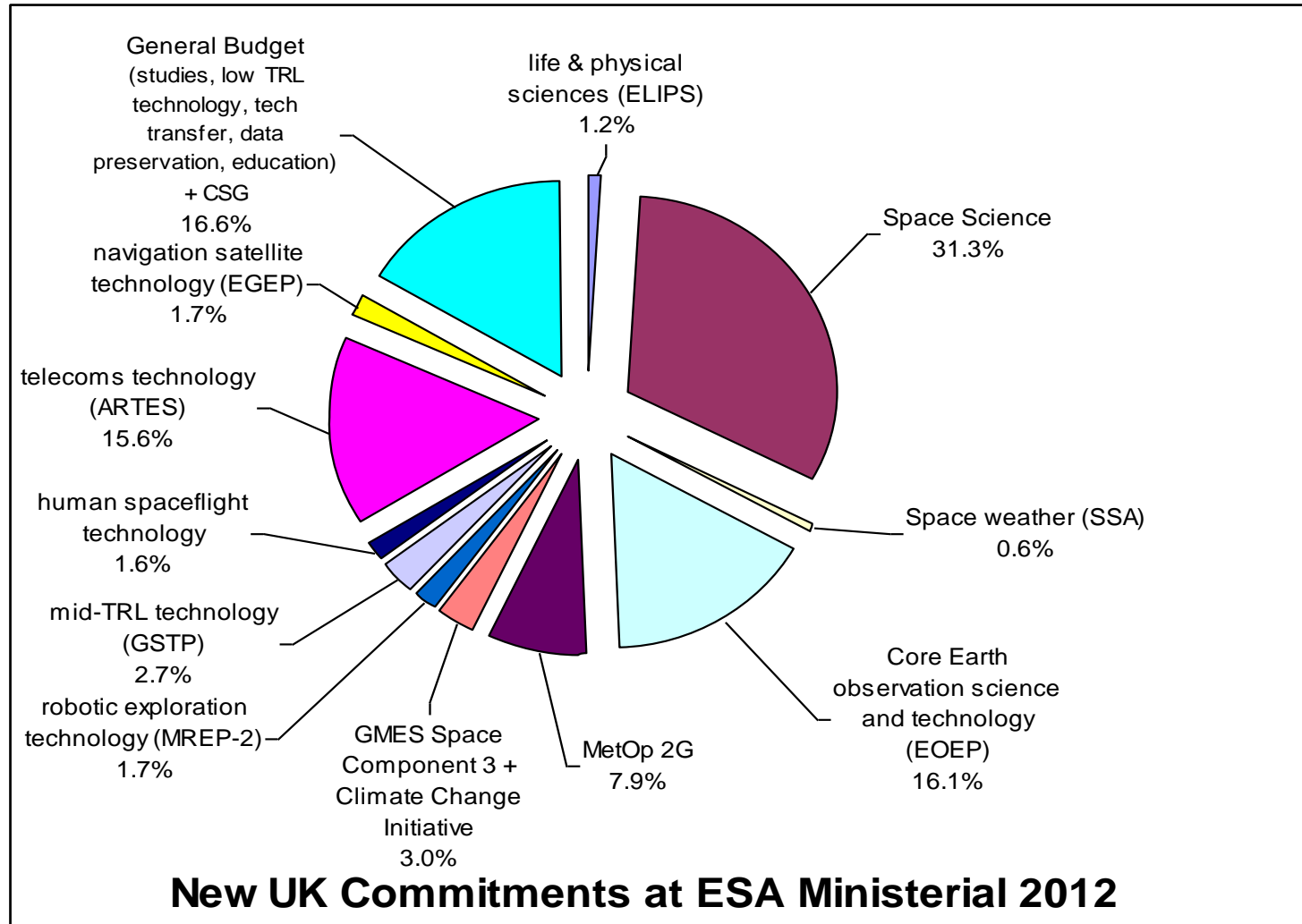


UK Space Priorities – Civil Space Strategy 2012-2016



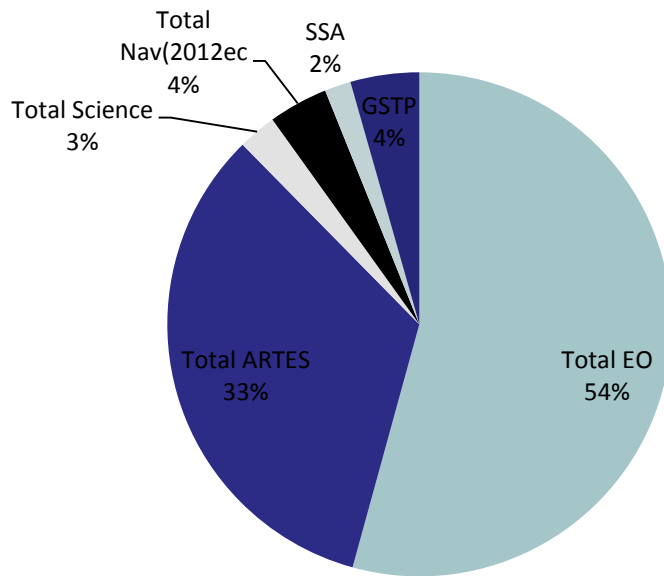
Growth through innovation	Growth through new market opportunities	Growth through exports	Growth through smarter government	Science as an enabler of Growth	Education for Growth
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£1.2bn Investment in ESA 2013 -16

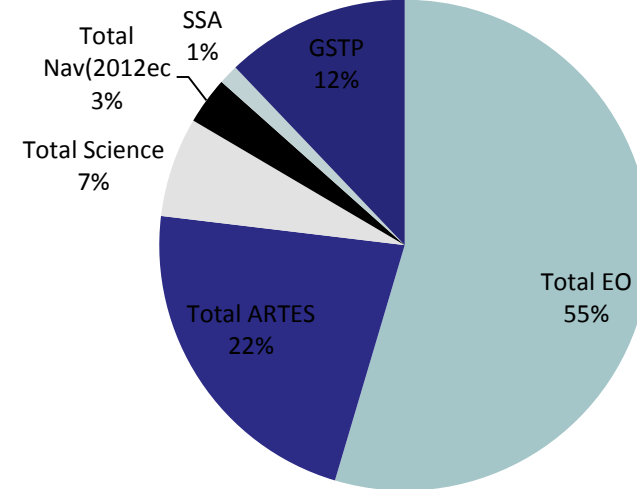


Optional Programme Subscriptions

UK Subs



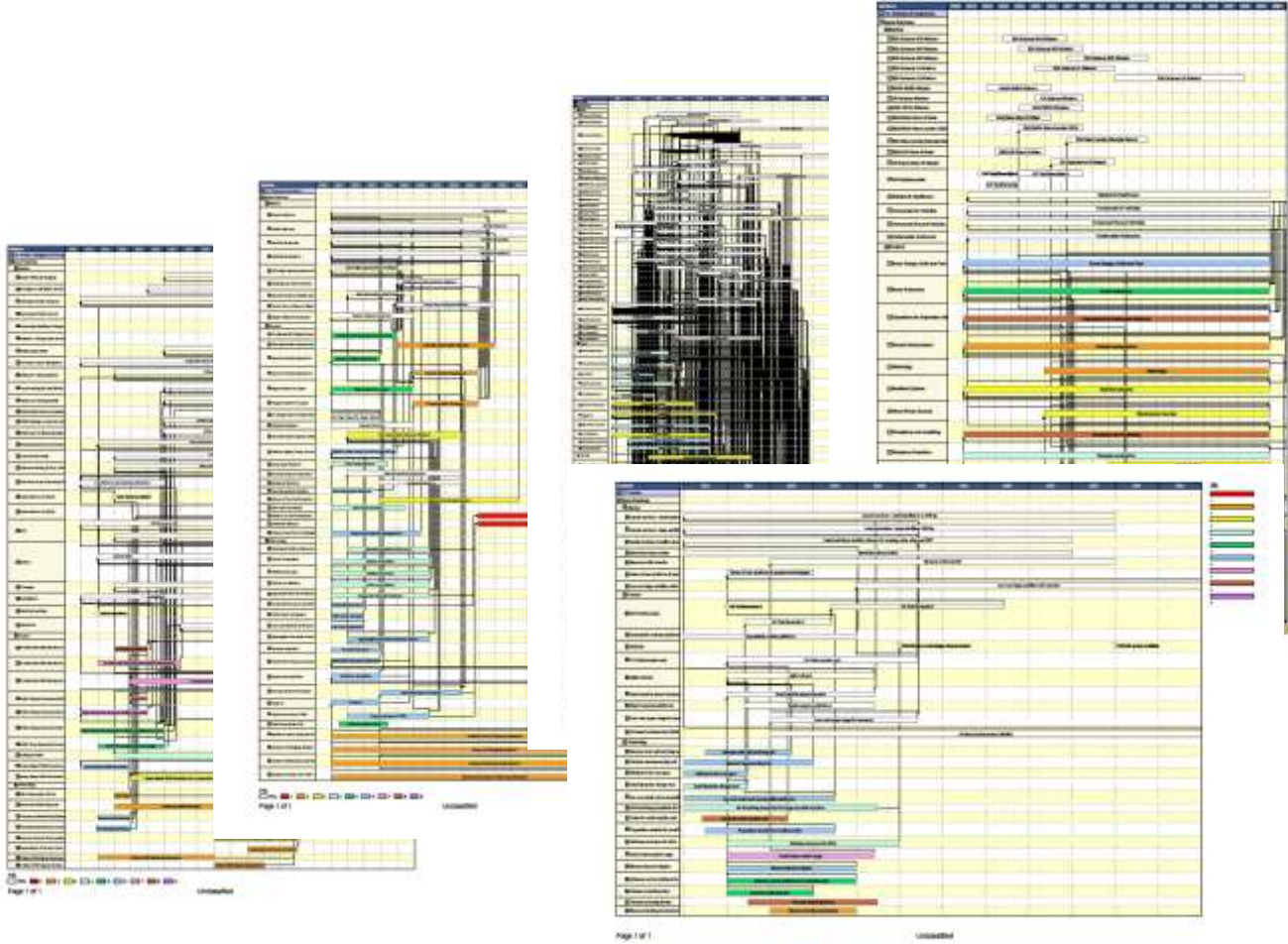
ESA Subs



UK National Programmes



National Space Technology Roadmaps

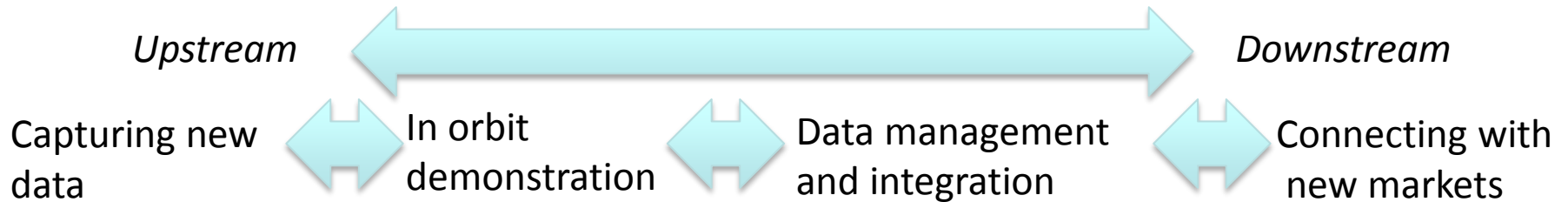


UK Space Innovation and Growth Strategy

- **Global market forecast to be worth £400 billion by 2030**
- **Strategy to capture 10% of market and create over 100,000 jobs in the UK**
- **‘applications and services using Space data will be one of the most important elements for delivering growth’**



Joining CEOI and the applications market



**Satellite
technology**

**Satellite
Operations**

**Data
Downlink &
Processing**

**Data
Exploitation &
Applications**



Closing the gap between concept and commercialisation

The vision: a network of world-leading centres

**Bringing research and business together – accelerating
commercialisation**

**A £200m investment in the future of the UK economy - for the
long term**

Catapult Network

2011

- High Value Manufacturing

2012

- Cell Therapy
- Satellite Applications
- Offshore Renewable Energy
- Connected Digital Economy

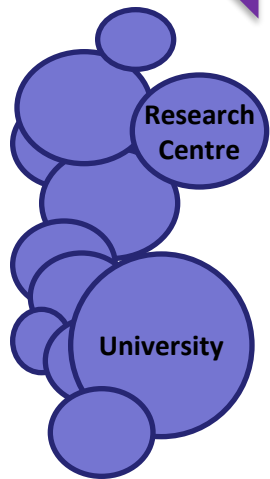
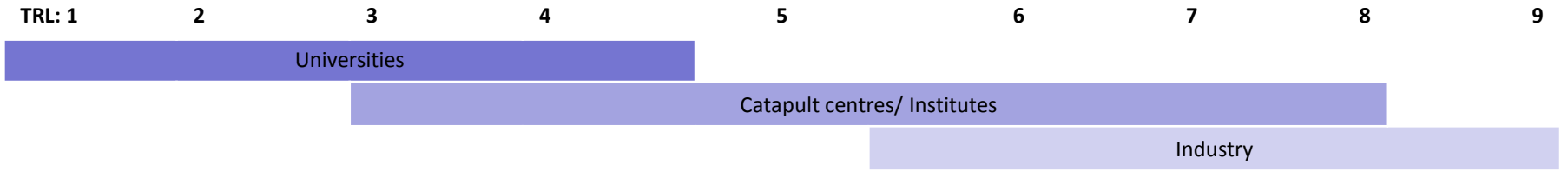
2013

- Transport Systems
- Future Cities

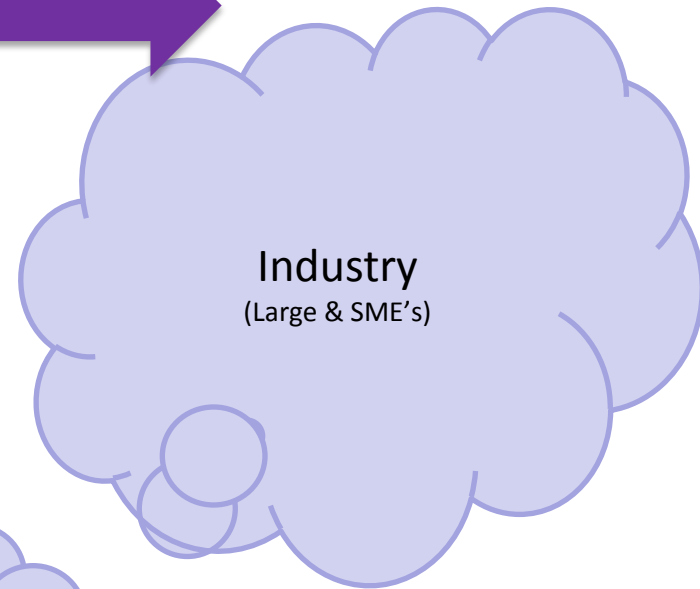
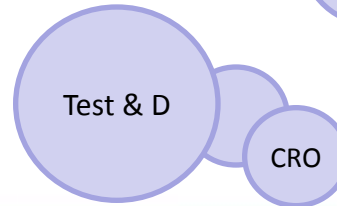
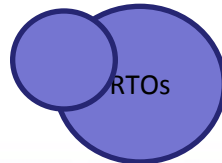


Catapult centres

CATAPULT®



CATAPULT



Stimulating Cluster Growth

Launchpad

Enabling young and early stage SMEs with significant growth ambition by being part of a developing cluster:

- Innovation through R&D project funding
- Business support including coaching & mentoring
- Attracting new investment

Open to SMEs that:

- Are in the cluster
- Plan to start up and move into the cluster
- Plan to move into the cluster
- Collaborate with a company already in the cluster

Timeline

Launchpad

- **Stage 1**
 - Competition opens for registration: 21 January 2013
 - Deadline for videos to be uploaded: 6 March 2013
- **Stage 2**
 - Shortlisted applicants invited to submit written proposal: 25 March 2013
 - Deadline for written proposals: 8 May 2013
 - Successful applicants informed: 21 June 2013
- **Business support and presentation**
 - Business support programme: July and August 2013
 - Presentation to potential investors (late summer/early autumn 2013)



innovate **uk**

BUSINESS
DESIGN
CENTRE

11-13 MARCH
2013



Technology Strategy Board
Driving Innovation

<http://www.innovateuk.org>

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THANK YOU