

Landscape Update Innovate UK & Knowledge Transfer Network

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The Government landscape

Department of
Business, Energy
and Industry Strategy



Innovate UK



UK Trade &
Investment



UK Export
Finance

EPSRC
Engineering and Physical Sciences
Research Council



STFC



CATAPULT



KTN

the Knowledge Transfer Network



KTN

the Knowledge Transfer Network

What we do...

FUND



INNOVATE UK

CONNECT



KTN

The UK's innovation agency

We know that true innovation disrupts. It will create new products, services and industries that we don't even know about yet.

It's our vision to help the UK economy grow head and shoulders above other nations by inspiring and supporting pioneering UK businesses to create the industries of the future.

We already have a strong track record of driving growth, by working with companies to de-risk, enable and support innovation.

A new phase

- The start of a new Spending Review period, 2016-20
- The government plans to publish a National Innovation Plan in 2016.
- Part of this will be Innovate UK's new strategy, describing our aims over the next four years.
- Meanwhile our Delivery Plan explains what we are doing in the first year of this new phase – the financial year 2016/17.

Sector focus to accelerate growth

Emerging and Enabling Technologies

Identifying and investing in technologies and capabilities that will lead to the new products, processes and services of tomorrow



Health and Life Sciences

Focused on agriculture and food and healthcare, underpinned by bioscience and medical research and enabled by engineering and physical sciences



Infrastructure Systems

Optimising transport and energy systems and integrating them with other systems such as health and digital



Manufacturing and Materials

Advancing manufacturing readiness so R&D and technology developments increase productivity and capture value in the UK



New simplified Innovate UK competitions

	Phase 1	Phase 2
Manufacturing and Materials	9 May 2016	Nov 2016
Open	6 Jun 2016	Dec 2016
Infrastructure Systems	4 July 2016	Jan 2017
Health and Life Sciences	12 Sep 2016	Feb 2017
Emerging and Enabling Technologies	3 Oct 2016	March 2017

- Innovate UK will also run competitions in partnership with other organizations, such as NHS England (SBRI Health)
- Occasionally, focused competitions and (bio-medical) catalyst competitions will be announced
- For all competitions see www.innovateuk.gov.uk

Knowledge Transfer Network

What we do

—KTN is the UK's innovation network

It brings together businesses, entrepreneurs, academics and funders to develop new products, processes and services

—We help business to grow the economy

and improve people's lives by capturing maximum value from innovative ideas, scientific research and creativity

Introducing Knowledge Transfer Network

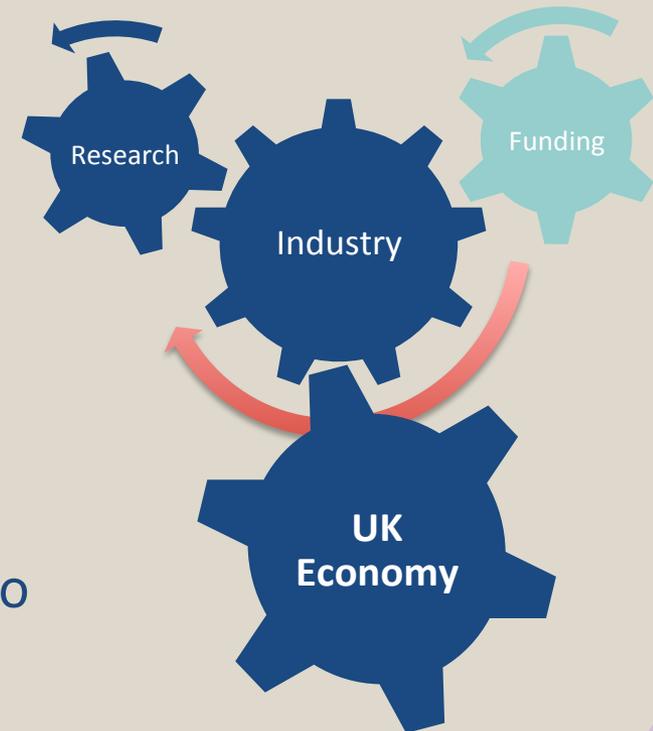
Our Objectives

Increase business led R&D in the UK

Facilitate exploitation of R&D
to increase UK GDP from Innovation

Increase collaborations B2B & B2R

Be the “**GoTo**” organisation for Support to
industry wanting to Innovate



The Knowledge Transfer Network

Stimulating dialogue/accelerating innovation

6,000+

Delegates per year

17

Cross-sector Groups

16

Industry Communities

60,000+

Members



KTN

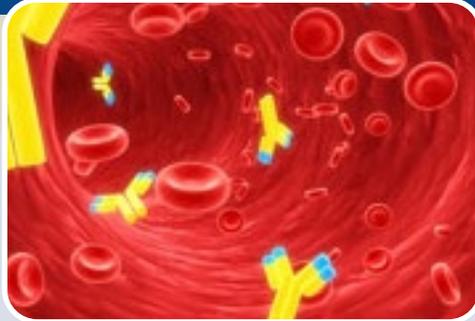
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@KTNUK

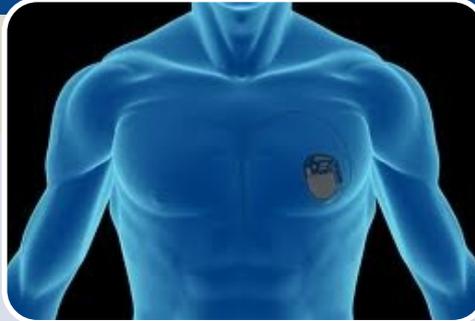
UK Company Landscape

A £52bn UK Industry



Medical Biotechnology

- 26,941 employees
- £4.2bn turnover
- 1073 companies
- Biopharmaceutical pipeline valued at £24 billion



Medical Technology

- 76,723 employees
- £17.6bn turnover
- 3,309 companies
- 25% conduct R&D



Pharmaceutical

- 70,310 employees
- £29.3bn turnover
- 477 companies
- 60% conduct R&D



KTN

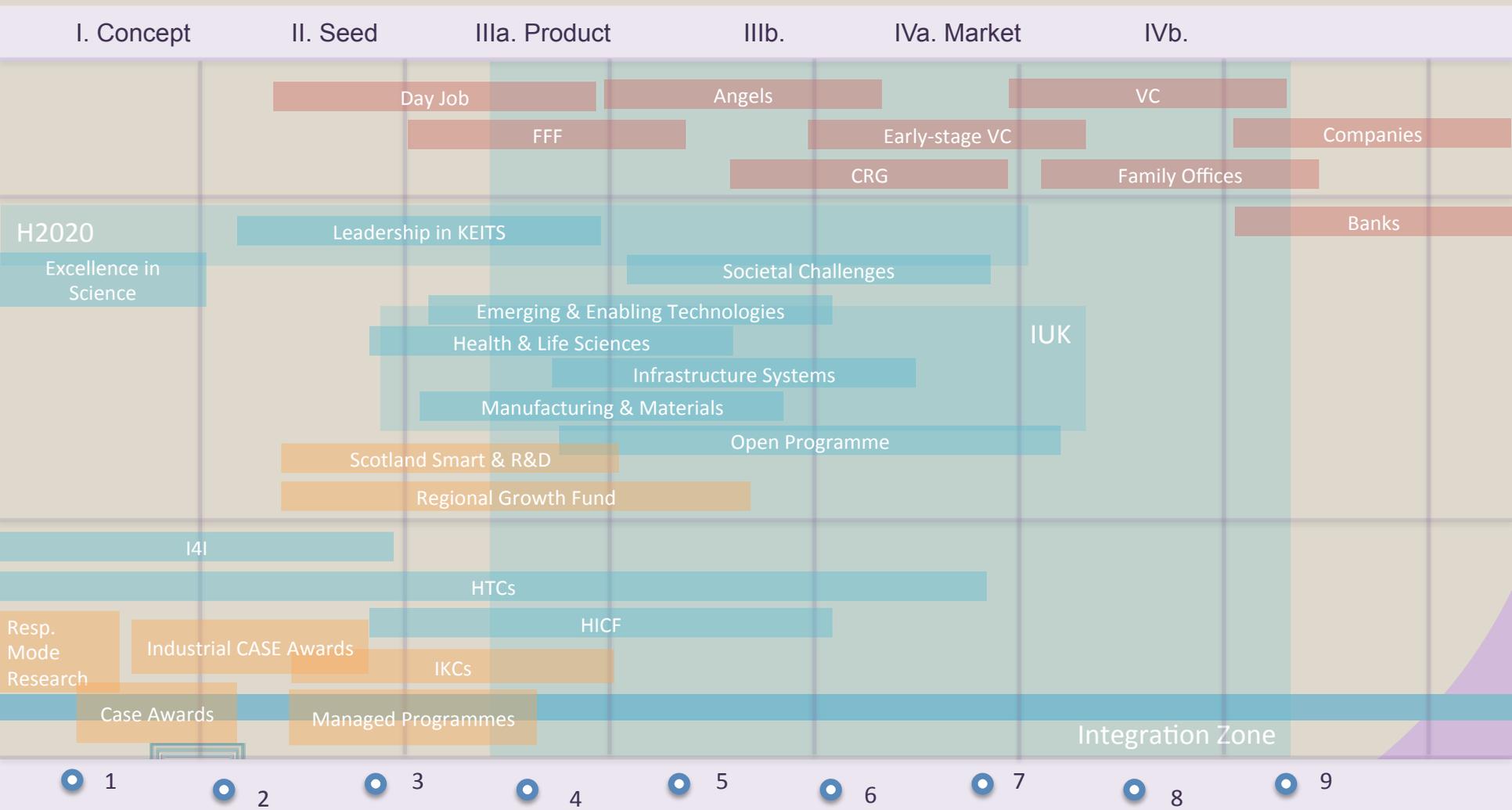
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Innovation Funding

- Overview of Funding Landscape
- Periodic Calls – Innovate UK
- H2020
- SBRI Health
- Bio-medical Catalyst

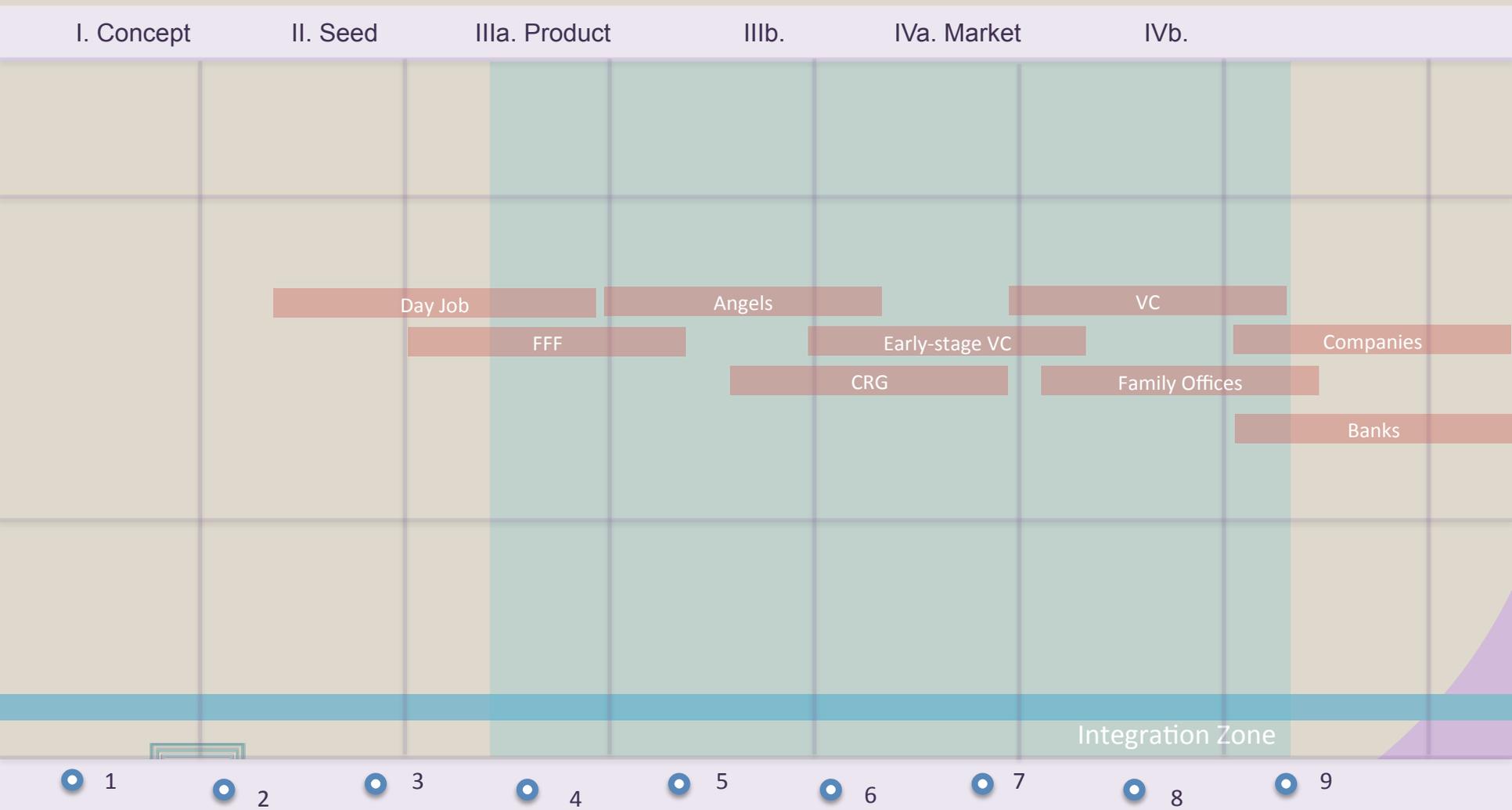
Innovation Funding

Integrated Public / Private Funding Strategy – Health Focus



Innovation Funding

Private Funding



Integration Zone

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

Innovation Funding

Innovate UK

I. Concept

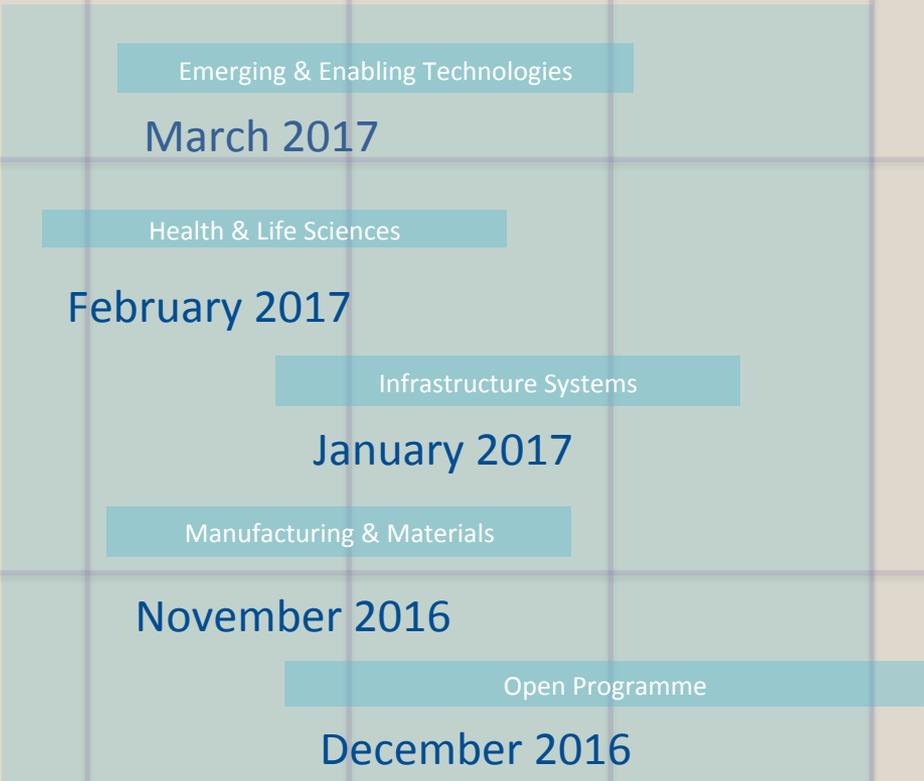
II. Seed

IIIa. Product

IIIb.

IVa. Market

IVb.



- 1
- 2
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- 9



Innovation Funding

Horizon 2020

I. Concept II. Seed IIIa. Product IIIb. IVa. Market IVb.

Industrial Leadership

- Leadership in Enabling and Industrial Technologies
- Access to Risk Finance

Excellent Science

- European Research Council
- Future and Emerging Technologies
- Marie Skłodowska-Curie Actions
- Research Infrastructures

Societal Challenges

- Health, Demographic Change and Wellbeing
- Food Security
- Secure, Clean and Efficient Energy
- Smart, Green and Integrated Transport
- Climate Action
- Europe in a Changing World
- Secure Societies

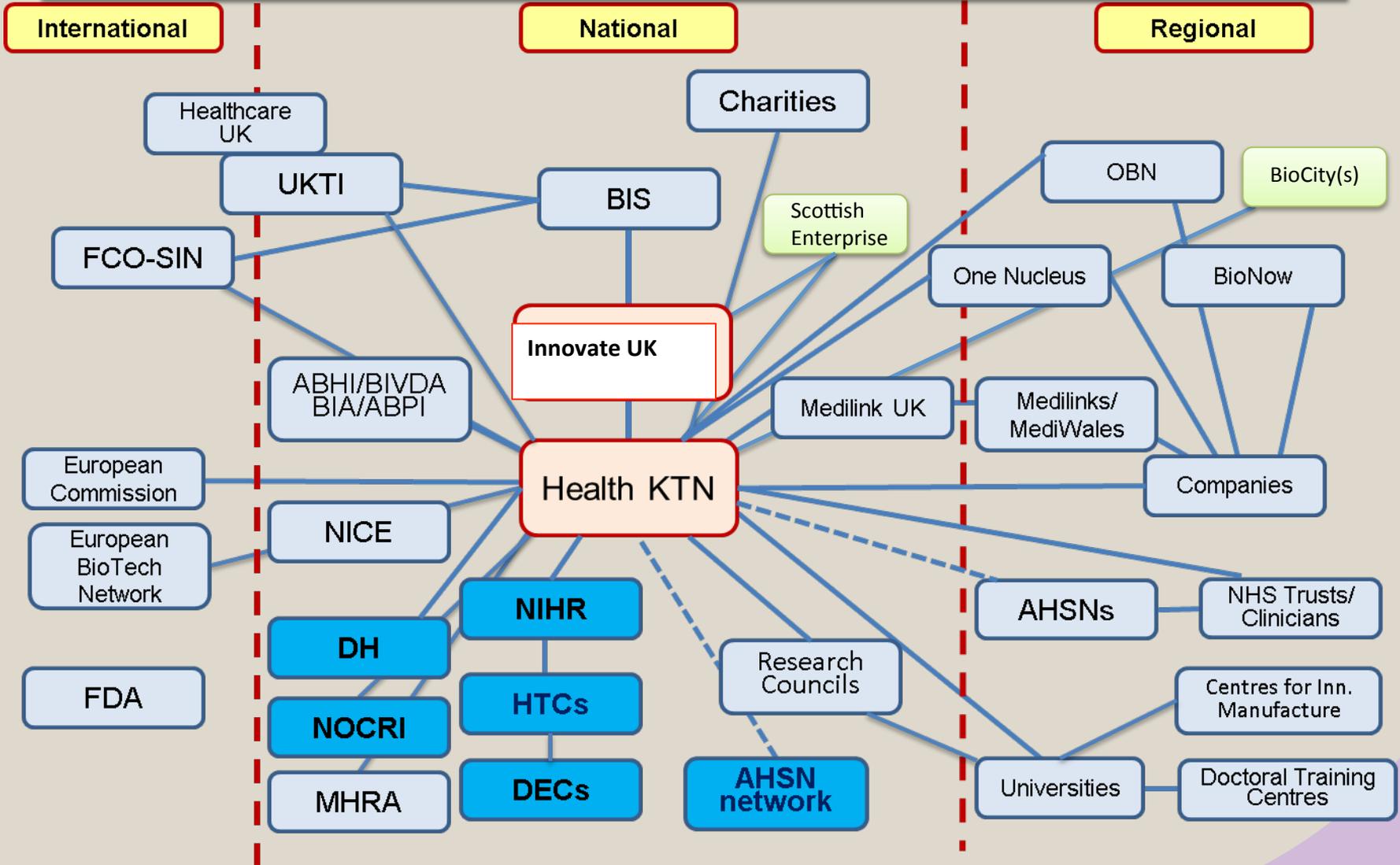
1 2 3 4 5 6 7 8 9

Most accessible Schemes are SME Instrument and EUROSTARS

- TRL important – look to EUROSTARS first
- Product in market + 3 years max
- Aimed at research intensive SME – needs one other EU SME
- SME Instrument: above TRL 6
- Single SME can apply
- 2 –stages (more relevant for future funding pipe-line than now)
- EEN key support role



Innovation Landscape



The Knowledge Transfer Network

CORE COMMUNITIES

CROSS-CUTTING PROGRAMMES

INNOVATE_UK FAMILY

OTHER ACTORS

