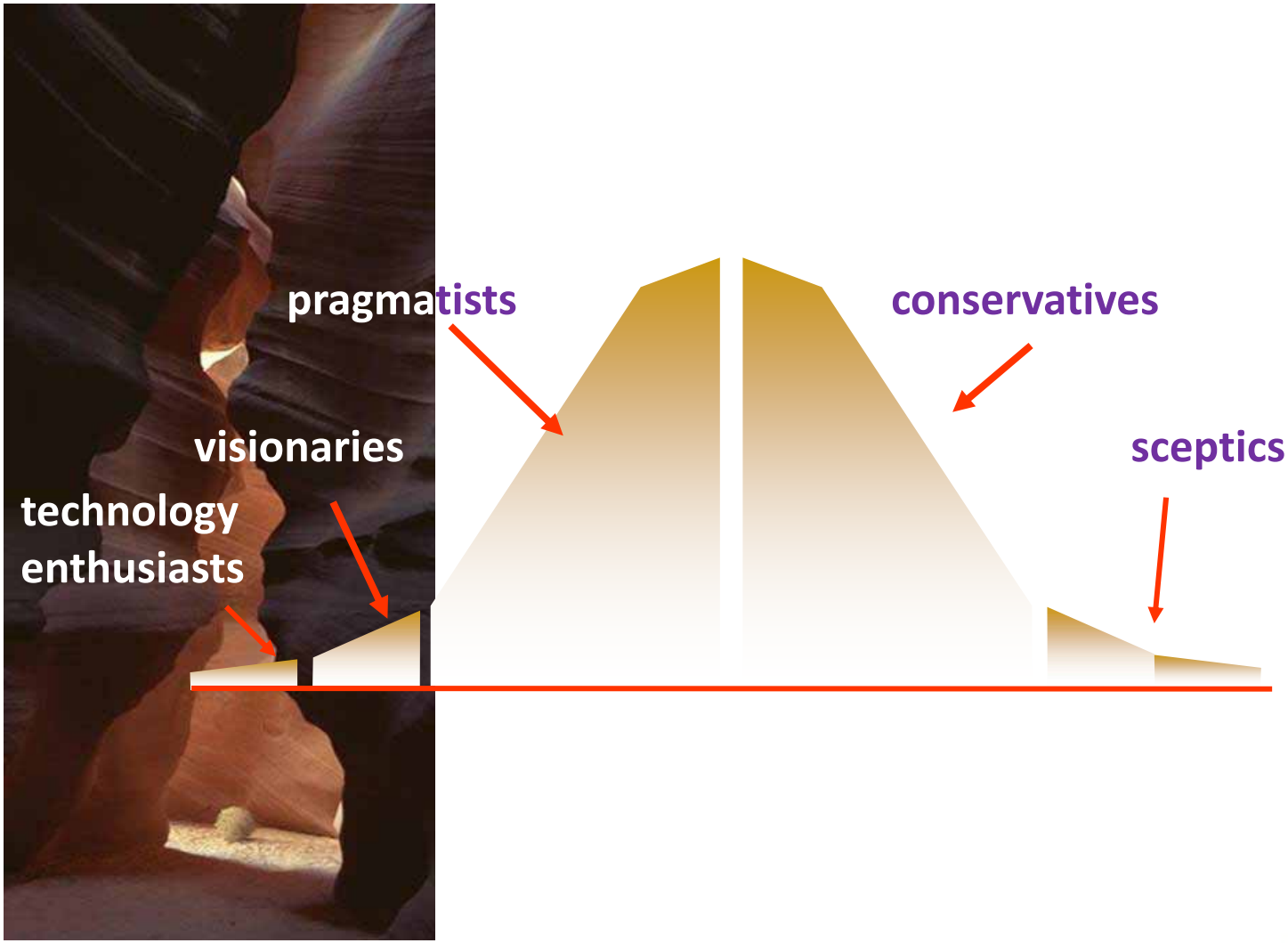
STEM Driving Innovation and the Knowledge Economy

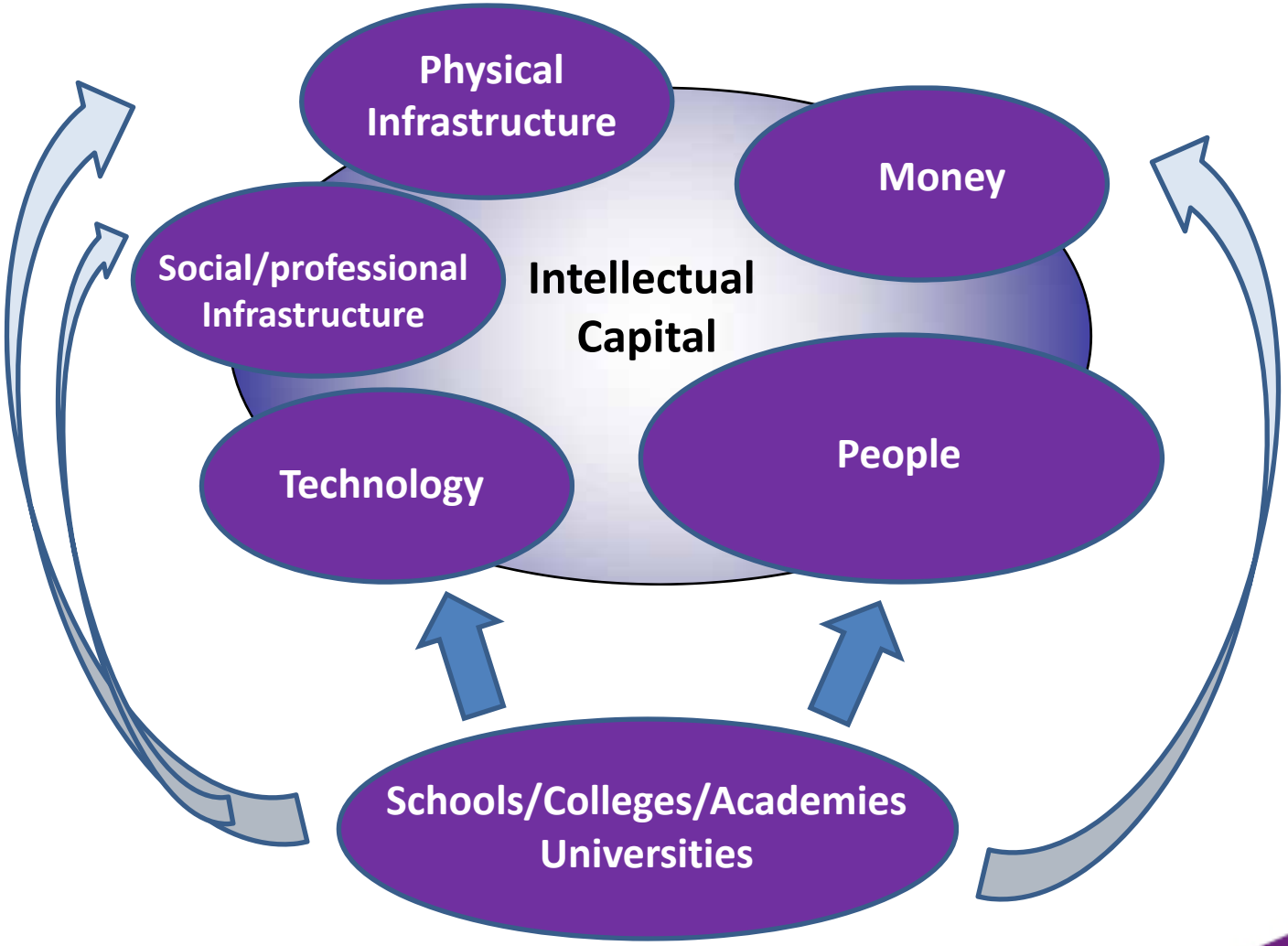
Dr David J Hardman
Managing Director
Aston Science Park

Geoffrey Moore's Technology Adoption Life Cycle



Informed Societal Views on Technology Advances

Promoting STEM-based high growth ventures



A knowledge economy continuum

Next generation: Where Science Parks Incubators and innovators meet to become part of the same thing

Academe

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TTO

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TT

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Tech Translation

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New venture

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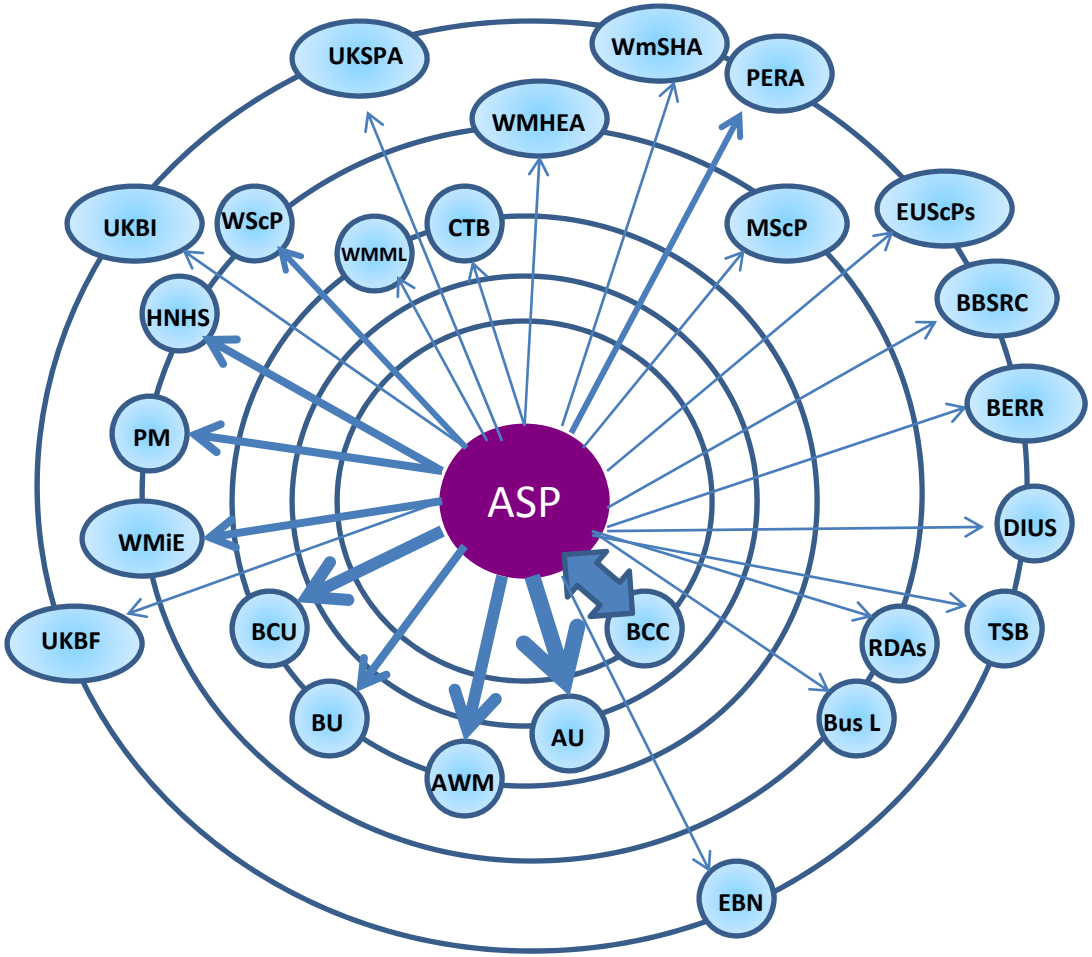
Market place

How to get there

Bridging the innovation gap

Engagement: Relationship Mapping



BCC	Birmingham City Council
AWM	Advantage West Midlands
AU	Aston Uni
ABS	Aston Business School
BU	Birmingham Uni
BCU	Birmingham City Uni
WMML	WM MediLink
CTB	Central Technology Belt
HNHS	Heartlands NHS Trust
PM	Pebble Mill
WScP	Warwick Science Park
MScP	Manchester Science Park s
WMHEA	WM Higher Education Assoc
WMSHA	WM Strategic Health Authority
BL	Business Link
PERA	PERA
EUScPs	EU Science Park s
BBSRC	Biotech & Biol Sci Research Council
BERR	Dept. for Business, Enterprise & Regulatory Reform
DIUS	Dept. For Innovation, Universities and Skills
TSB	Technology Strategy Board
RDAs	Regional Development Agencies
UKSPA	UK Science Park Assoc
UKBI	UK Business Incubation
UKBF	UK Bioincubator Forum
WMiE	WM in Europe
EBN	European Business Network

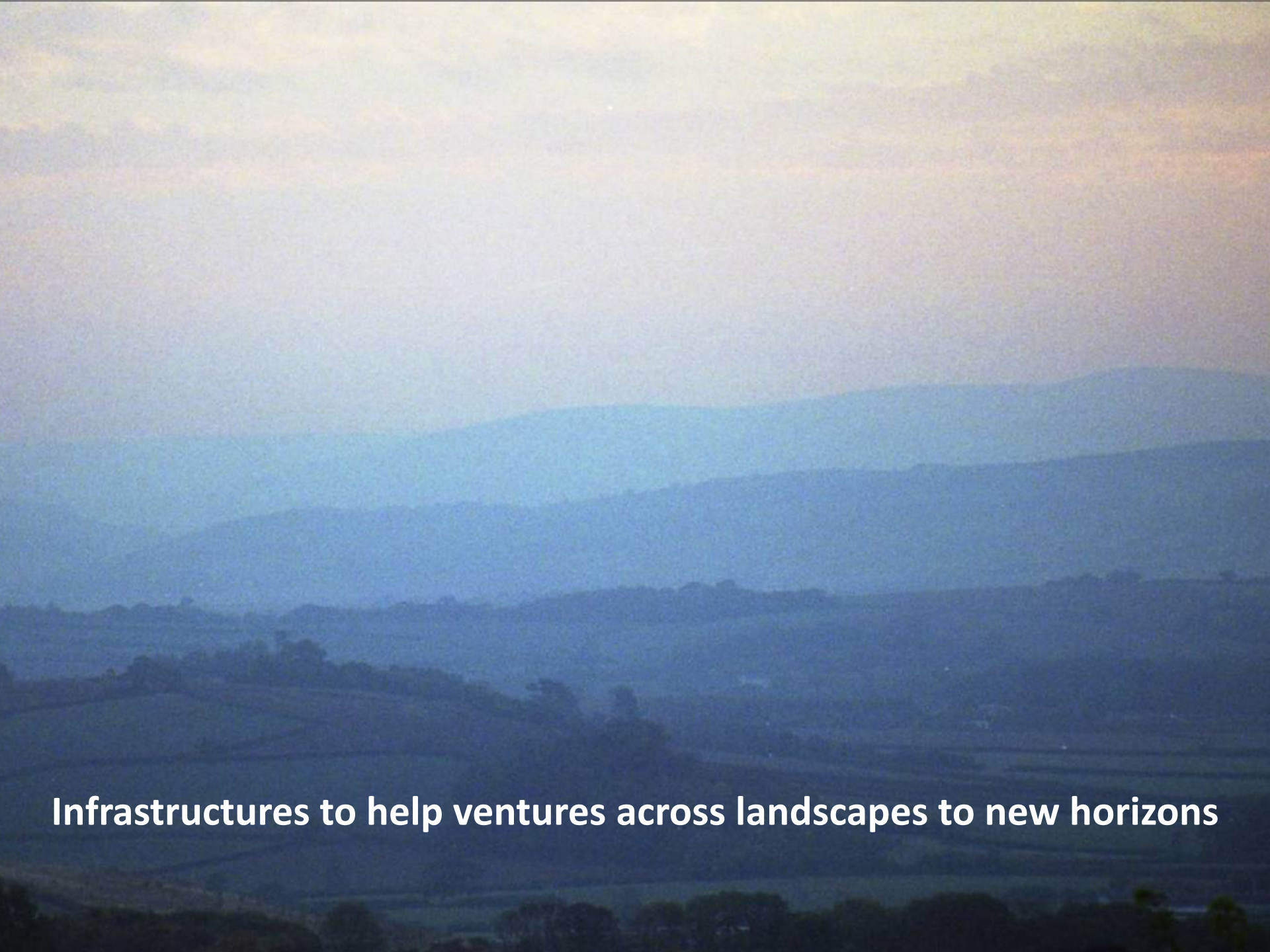
Using Networks Promoting Innovation

Physical and Virtual Networking

‘Innovation does not obey artificial administrative boundaries’ ……

create a framework at national and regional levels where activities to support innovation …… are responsive to different places and spatial levels and work across administrative boundaries.’

‘Innovation Nation’ DIUS White Paper presented to UK Parliament March 2008.


Infrastructures to help ventures across landscapes to new horizons