

A framework for capturing where and how universities, through knowledge exchange, have the potential to contribute to economic growth

(A)

Universities & partners work together through **KNOWLEDGE EXCHANGE...**

(B)

...to **CONTRIBUTE** to strengthening the economic system in different ways to create and capture value...

(C)

...to **IMPACT** competitiveness, productivity & growth

CONTEXT: Baseline resources, capabilities, conditions & historical decisions of organisations, places and sectors

SECTOR-SPECIFIC

structures, value chains, lifecycles, opportunities & challenges

PUBLIC & THIRD Sectors

providing vital public services and infrastructure

FOUNDATION

Industries providing critical inputs to the economy

LEGACY

Industries in need of upgrading and diversifying to remain competitive

FRONTIER

Industries with the potential to transform economies and create new areas of opportunity & wealth

KNOWLEDGE EXCHANGE

drawing on combinations of resources available within universities...



Strengthening GROWTH DRIVERS & easing BOTTLENECKS that power PLACE/SECTOR competitiveness

enabling organisations to successfully innovate, compete and scale for the benefit of the region, sector and UK

Strengthening enabling RESOURCES and CONDITIONS

incl. funding & investment, skills, existing knowledge & tools, translation & innovation facilities / equipment, public services & infrastructure, proximity & clustering, cultural amenities & quality of life

Building INSTITUTIONS that shape behaviours

incl. government policies, regulations & standards, legal/IP frameworks, cultural norms, global market access

Shaping system-level CAPABILITIES & STRATEGIC DIRECTIONS

incl. system-level leadership & governance, cluster building, shared vision & agenda setting, mobilising communities, public procurement, innovation & entrepreneurial capabilities

COMMERCIALISING & SCALING knowledge and technologies to create new sources of wealth

through e.g. new/improved products, production tech., enabling/platform tech., delivery mechanisms, business models, working practices

Further development

Demonstration, validation & testing

Deployment & adoption

Scale-up & diffusion

Supporting ORGANISATIONS to innovate, compete and scale for the benefit of the UK

SECURING & BUILDING UP A COMPETITIVE ASSET BASE

(incl. knowledge/technology/IP; human capital; funding & investment; data/ICT; networks & alliances; production processes; physical infrastructure & tools; organisation/strategy; supply chains; intangibles)

STRENGTHENING STRATEGIC & OPERATIONAL

CAPABILITIES TO INNOVATE, COMPETE AND SCALE
(incl. strategic, managerial, innovation, entrepreneurial, collaborative, production, resilience)

Enabling PEOPLE to participate and engage productively in the economy

Education, skills & experiences

Attitudes, mindsets & ambitions

Opportunities for productive & fulfilling work

Labour market flexibility

Health & well-being
Empowerment & participation

Cultural / sustainability awareness & attitudes

