

Effects of the Covid Crisis on Universities and Innovation

Have your say! Contribute to the Innovation Taskforce and inform the UK Government's R&D Plan and Spending Review by helping us understand how the Covid crisis is affecting universities' contributions to innovation

About the survey

This survey investigates how the Covid-19 crisis is affecting the ability of universities to contribute to innovation through their innovation-focused partnerships, commercialisation and other knowledge exchange activities.

It is being undertaken by the [new Policy Evidence Unit for University Commercialisation and Innovation \(UCI\)](#) at the University of Cambridge and the [UK National Centre for Universities and Business \(NCUB\)](#) to support the [NCUB Innovation Taskforce established at the request of UKRI](#) to inform the development of the UK Government's R&D Plan. The findings will also inform the evidence base being assembled by Research England for the upcoming Comprehensive Spending Review.

The UK Government views research and innovation as a major driver of recovery, future growth and prosperity. Universities, and their partnerships with businesses, the public sector, and charitable organisations, are a critical part of this. However, we know little about how the Covid-19 pandemic has affected these innovation-focused activities and partnerships. Absent of this evidence it is hard for policymakers to develop effective programmes of support moving forward.

We would very much welcome a response by **Tuesday 8th September**. We recognise the incredibly tight timescales for responding to the survey. Unfortunately this is to ensure that the findings can feed into the work of the Taskforce and meet UKRI deadlines, and meet important September deadlines for evidence for the CSR.

We recognise the significant pressures on your time at the moment. We have a unique opportunity now to shape government support for universities and their innovation and wider knowledge exchange-focused activities through the crisis and beyond. Any help you can give us would be greatly appreciated.

Who should complete the survey

We would very much appreciate responses from senior leaders and managers in universities with good insights on how the university's innovation-focused activities are being affected by the Covid-19 crisis. This could include Pro-Vice-Chancellors, KE Directors and TTO Directors. Institutional responses are welcome.

The survey should take approximately 20-25 minutes to complete depending on which sections you are eligible for. All questions are optional except for the question requesting your consent to participate.

Confidentiality

All information you provide will remain strictly confidential. You and the organisation you work for will not be identified or identifiable in any published results. At the end of the survey we ask for your contact details if you are willing to be contacted in any follow on research. This information will be stored separately from the main data and will not be shared beyond the UCI/NCUB project team.

Your data will be processed in accordance with the General Data Protection Regulation 2016 (GDPR). Your responses to the survey will be kept confidential and will be analysed by UCI and NCUB staff.

Survey contacts for more information

If you would like more information, please contact Tomas Coates Ulrichsen at the UCI Policy Evidence Unit at the University of Cambridge (tc267@cam.ac.uk) or Fariba Soetan at NCUB (Fariba.soetan@ncub.co.uk).

Early insights on the views of businesses

In a related exercise for the Taskforce NCUB has been gathering insights from their corporate members on the effects of the pandemic on their interactions with universities. Early headline findings from the interviews are captured in this [NCUB blog post](#). We hope you find them useful.

End of Block: Survey overview

Informed consent

I confirm that I have read and understood the information which was provided in the invitation to participate in the survey.

I have had the opportunity to contact the research team to ask further questions.

I understand that my answers will form part of a dataset that will be used only for academic research and the development of policy advice. All answers and information provided will remain confidential and will not be shared beyond the project team. Reporting of results will ensure anonymity of individual respondents and their organisations.

I understand that my participation is voluntary and am free to discontinue answering the survey at any time.

Please tick the relevant box and click the button below to proceed.

If you choose not to take part in the survey now but change your mind later on, please access the survey again via your invitation to participate.

- I agree to take part in this survey (1)
- I do not agree to take part in this survey (2)

Skip To: End of Survey If Q2.2 = I do not agree to take part in this survey

End of Block: Informed Consent

Some definitions

Innovation: product/service, process, organisational and the necessary skills, competences, infrastructure, tools etc. required to develop specific products/services

Innovation-focused activities: activities of academics and the university, beyond core research and education, aimed at contributing directly to the innovation process or the strengthening of the underlying conditions enabling innovation to take place. Activities could include R&D partnerships, collaborations, industry sponsored research, academic entrepreneurship, technology licensing, workforce development etc.

External partners: Any type of non-academic organisation involved in the innovation process or developing the underlying conditions for innovation. Could include industry partners (large companies, SMEs, start-ups), public sector agencies, hospitals, charitable organisations etc.

Local economy: When we refer to the local economy we mean the city, combined authority or local authority – whichever is the largest geographic area – in which the University is based.

Time periods:

Pre-Covid: period up to March 2020

Lockdown: period between March 2020 and July 2020

Short term: By the end of March 2021

(Initial) Economic recovery period: By December 2021

Basic and contextual information

Q4.2 We would be grateful if you would provide some information about yourself and the office or unit you lead or work within.

- Name (1) _____
 - Position (2) _____
 - Name of office, department, or /organisational unit (3) _____
 - University name (4) _____
-



Q4.3 In which country is your organisation primarily based?

▼ United Kingdom of Great Britain and Northern Ireland (1) ... Zimbabwe (195)

Q4.4 Do you hold a leadership or senior management role within your office, department or unit?

- Yes (4)
 - No (5)
-

Q4.5 In the three years to March 2020 (pre-Covid), with which sectors of the economy did your university have the most significant level of innovation-focused engagement? (Please identify the top 3 sectors)

Q4.6 Top sector 1

▼ Agriculture, Forestry & Fishing (1941) ... Other (1969)

Q4.7 Top sector 2

▼ Agriculture, Forestry & Fishing (200) ... Other (228)

Q4.8 Top sector 3

▼ Agriculture, Forestry & Fishing (200) ... Other (228)

SECTOR OPTIONS

Agriculture, Forestry & Fishing	Construction
Mining and Quarrying	Wholesale and retail trade
Manufacture of food, beverages, clothing, wood, paper, publish & print	Transport
Manufacture of fuels, chemicals, plastic metals & minerals (excl pharma)	Hospitality, tourism and recreation
Pharmaceutical Manufacturing & Medical Biotechnology	Financial and insurance activities
Manufacture of medical devices	Real estate activities
Manufacture of electronic components & equipments (incl. computers, communications)	Computer programming, consultancy and related ICT activities (incl. software development)
Manufacture of electrical equipments (incl. motors, domestic appliances)	Telecommunications and information services
Manufacture of instruments & appliances (measuring, testing, navigation, optical)	Professional services (incl. legal, accounting, business consultancy, advertising & market research)
Aerospace manufacturing	Scientific and technical services (including engineering, technical testing & analysis, non-biotech. R&D)
Automotive manufacturing	Creative industries and media
Manufacture of other transport equipments (incl. ships, rail, motorcycles)	Public Administration, Defence & Education
Manufacture of machinery	Human health and social work activities (including residential care)
Other manufacturing (not elsewhere classified)	Other
Electricity, gas & water supply	

Page Break

Q4.9 In the three years to March 2020, what importance did your university place on the following types of R&D activities to support the innovation objectives of its external partners?

No importance Moderately important Extremely important Not Applicable

0 1 2 3 4 5 6 7 8 9 10

Advancing understanding of fundamental principles through basic research (1) ()	
Use-inspired basic research (2) to underpin the development of new technologies, processes, business models, products or services, policies and other institutions ()	
Applied research (3) to support development of new or significantly improved technologies, processes, business models, products or services, policies and other institutions ()	
Prototype development, design & demonstration of technologies, processes, products or services ()	
Developing challenge-driven programmes and centres of excellence that integrate research of different types/disciplines and provide targeted support for its further development and transfer into practice (including targeted training) ()	

Notes:

(1) **Basic research**: theoretical, empirical or experimental work, undertaken primarily to acquire new knowledge about the underlying foundation of phenomena or observable facts, without any particular application or use in view.

(2) **User-inspired basic research** : theoretical, empirical or experimental work, undertaken primarily to acquire new knowledge about the underlying foundation of phenomena or observable facts, but also inspired by considerations of use.

(3) **Applied research**: original investigation undertaken in order to acquire new knowledge directed towards an individual, group or societal need or use.

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Q4.11 In the three years to March 2020, what importance did your university place on the following types of innovation-focused services and support, beyond R&D, to support the innovation objectives of its external partners?

No importance Moderately important Extremely important Not Applicable
 0 1 2 3 4 5 6 7 8 9 10

Helping partners identify new directions and opportunities for developing new technologies, processes, business models, products or services ()	
Services to support partners to prototype, design, demonstrate, test, produce and take to market new technologies, processes, products or services ()	
Services to support partners in solving technical problems facing existing processes, products or services ()	
Helping partners identify/adopt new technologies, processes, and systems to improve efficiency, productivity and resilience ()	
Develop/provide access to specialist facilities and equipment to support development of new technologies, processes, products or services ()	
Build networks to convene / better connect organisations to facilitate the innovation process (e.g. university staff/students, companies, investors, research & technology organisations, public sector agencies) ()	

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Q4.12 In the three years to March 2020, what importance did your university place on the following types of services and support targeted at strengthening the innovation system to enable the development, diffusion and deployment in practice of new technologies and ideas?

No importance Moderately important Extremely important Not Applicable

0 1 2 3 4 5 6 7 8 9 10

Develop/provide leadership, intelligence and expert advice to inform strategic development of place, technology or sector (e.g. strategic direction, benchmarking, foresight, market insights) ()	
Inform development of relevant policies, regulations and standards, legal frameworks ()	
Raise public understanding of new technologies (e.g. ethical implications) ()	
Develop workforce skills (including supporting partner recruitment, workforce development) ()	
Providing targeted support, access to investment, and physical infrastructure for forming and developing spinouts/start-ups to commercialise new ideas and technologies ()	
Providing entrepreneurship education to staff, students and local communities ()	
Facilitate the movement of people between academia and industry ()	
Efforts to strengthen the innovation and entrepreneurial culture ()	

End of Block: Contextual information

Effects of the immediate Covid-19 health and economic crises

Q5.2 This section seeks information on how the immediate Covid-19 health and economic crises have affected your university's innovation-focused partnerships, commercialisation and other knowledge exchange activities. We refer to the period between 23rd March 2020 and July 2020 as the 'Lockdown'.

Please respond to this section to the best of your knowledge based on your experiences and insights of what is happening at your university.

In a number of questions we ask for the change in level of activity experienced. In these questions we are looking for your best estimate at the scale of change rather than precise assessments.

Q5.3 During the Lockdown period, has your university seen a change in the level of innovation-focused activities with partners? Please indicate changes experienced across all sectors, and with the top three sectors you identified earlier.

	Collapsed (-51% or more)	Significantly decreased (-50% to -21%)	Moderately decreased (-20% to -6%)	About the same (-5% to 5%)	Moderately increased (6% to 20%)	Significantly increased (more than 20%)	Don't know
Across all sectors (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Top Sector 1 (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Top Sector 2 (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Top Sector 3 (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q5.4 During the Lockdown period, has your university seen a change in the level of innovation-focused activities with the following types of external partners?

Note: Large organisations are defined as having 250 employees or more. Small and medium-sized organisations are defined as having fewer than 250 employees.

	Collapsed (-51% or more)	Significantly decreased (-50% to - 21%)	Moderately decreased (-20% to - 6%)	About the same (-5% to 5%)	Moderately increased (6% to 20%)	Significantly increased (more than 20%)	Don't know	Not relevant
With strategic partners of your university (107)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
With non-strategic large partners of your university (108)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
With small and medium-sized partners of your university (109)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Setting up spinoff/start-up ventures to commercialise new ideas and technologies (110)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Page Break

Display This Question:

If Q5.3 = Across all sectors [Collapsed (-51% or more)]

Or Q5.3 = Across all sectors [Significantly decreased (-50% to -21%)]

Or Q5.3 = Across all sectors [Moderately decreased (-20% to -6%)]

Q5.5 If any decrease in activity has been experienced...

Has your university experienced any of the following changes to a significant proportion (more than 10%) of its innovation-focused activities with external partners that were either underway or planned to commence as the UK went into lockdown on 23rd March 2020?

- Projects being cancelled (1)
- Project deadlines or milestones being extended (2)
- Planned project start dates being delayed (3)
- Project scale/scope being reduced (4)
- Project refocused to address shorter-term partner needs (5)
- Partners seeking to renegotiate financial and other terms of project contracts (6)

Display This Question:

If Q5.3 = Across all sectors [Collapsed (-51% or more)]

Or Q5.3 = Across all sectors [Significantly decreased (-50% to -21%)]

Or Q5.3 = Across all sectors [Moderately decreased (-20% to -6%)]

Q5.6 *Where innovation-focused activities with partners have been stopped or significantly reduced...*

Are you aware of the main reasons why your partners are seeking to reduce activity?

- Yes (1)
 - No (2)
-

Display This Question:

If Q5.6 = Yes



RANDOMISE OPTIONS

Q5.7 What are the main reasons typically being given by your partners? (please tick all that apply)

- Partner ceased operations (1)
- Financial resources within partner no longer available or not sufficient to fund collaborations/projects with university (2)
- Personnel within partner no longer available or not sufficient to engage productively with university (e.g. due to furlough, diversion to other tasks, or redundancy) (3)
- Limited access to necessary facilities, equipment or raw materials making it difficult for project work to continue (4)
- Significantly reduced demand for university collaborations (e.g. from internal business units) (5)
- Limited leadership commitment with partner for collaborations with universities at this time (7)
- Insufficient government funding to leverage for university collaborations given current circumstances (8)
- Partner's strategic objectives no longer aligned with university expertise/capabilities (9)
- Partner unable to realise sufficient short term value from university collaborations (10)
- Terms of collaborations no longer appropriate for partner (11)
- Partner does not believe university will be able to adequately deliver on collaboration or project objectives (12)
- Partner looking to rationalise the number of universities it works with (13)
- Other (please specify) (14) _____

Display This Question:

If Q5.3 = Across all sectors [Collapsed (-51% or more)]

Or Q5.3 = Across all sectors [Significantly decreased (-50% to -21%)]

Or Q5.3 = Across all sectors [Moderately decreased (-20% to -6%)]

Q5.8 Where external partners have had to significantly reduce or cancel the amount of funded innovation-focused activity at your university...

To what extent are they investing time and effort to maintain existing relationships with the university or key individuals/academics through other means?

	No effort (1)	Some effort (2)	Significant effort (3)
Strategic partners of your university (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Non-strategic partners with long-standing relationships with your university (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other partners of your university (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Display This Question:

If Q5.3 = Across all sectors [Collapsed (-51% or more)]

Or Q5.3 = Across all sectors [Significantly decreased (-50% to -21%)]

Or Q5.3 = Across all sectors [Moderately decreased (-20% to -6%)]

And If

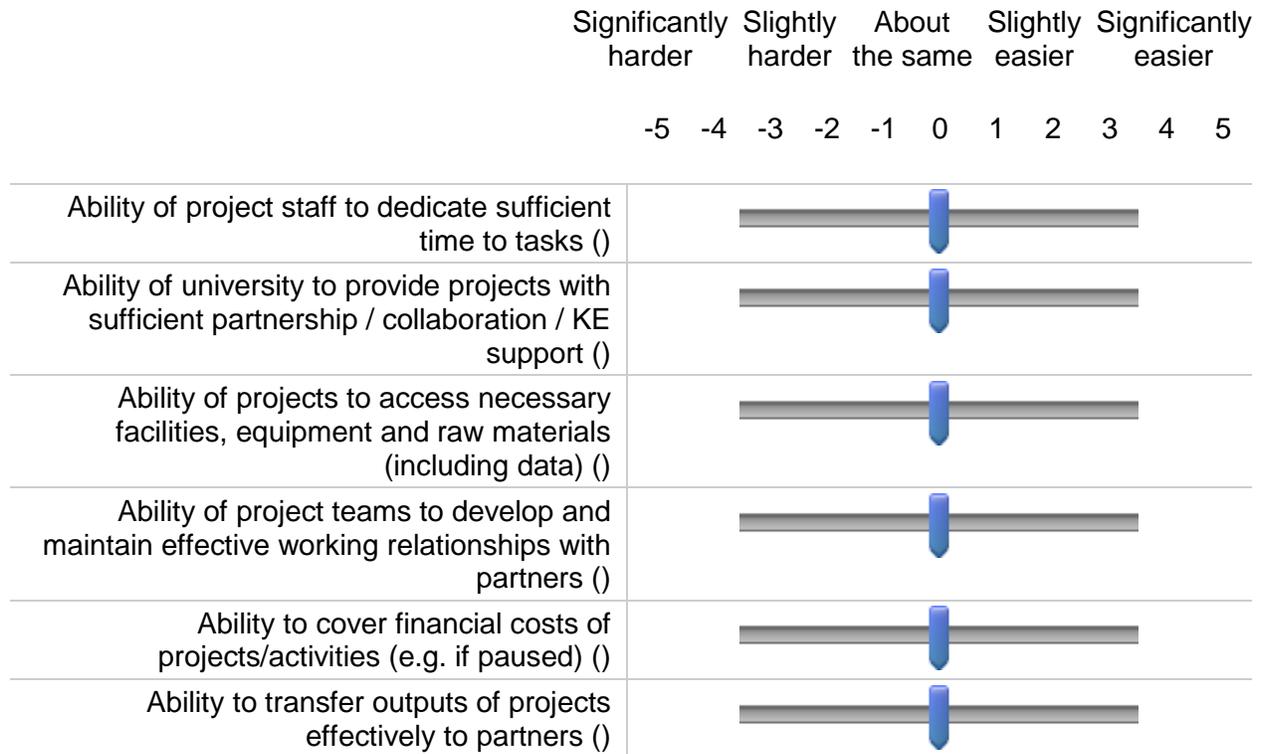
Q5.8 = Strategic partners of your university [Significant effort]

Or Q5.8 = Non-strategic partners with long-standing relationships with your university [Significant effort]

Or Q5.8 = Other partners of your university [Significant effort]

Q5.9 Where significant effort is being made, please provide brief details of how your external partners are seeking to maintain relationships.

Q5.10 Compared with the pre-Covid period, to what extent has your university found it easier or harder to ensure the necessary resources and support are available to deliver existing innovation-focused projects and activities for external partners?



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Q5.11 How has the Lockdown period affected the level of funding available within your university for initiating, supporting, and delivering innovation-focused partnerships, projects and activities with partners?

	Collapse d (-51% or more)	Significantly decreased (-50% to - 21%)	Moderately decreased (-20% to - 6%)	About the same (-5% to 5%)	Moderately increased (6% to 20%)	Significantly increased (more than 20%)	Don't know	Not relevant
COVID RELATED: Public funding for specific R&D, innovation and commercialisation projects (including for advancing research outputs towards real world application)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
COVID RELATED: Industry or charitable funding for specific R&D, innovation and commercialisation projects (including for advancing research outputs towards real world application)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
COVID RELATED: Funding for providing services and support for initiating and delivering R&D, innovation and commercialisation activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NON-COVID: Public funding for specific R&D, innovation and commercialisation projects (including for advancing research outputs towards real world application)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NON-COVID: Industry or charitable funding for specific R&D, innovation and commercialisation projects (including for advancing research outputs towards real world application)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NON-COVID: Funding for providing services and support for initiating and delivering &D, innovation and commercialisation activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ANY FOCUS: Funding for creating and maintaining physical or virtual infrastructure to enable partnership-focused R&D, innovation & commercialisation activity (e.g. joint R&D labs, science parks, incubators, accelerators, test-beds)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ANY FOCUS: Funding for building capabilities of staff to lead, initiate and deliver innovation-focused activities with partners (e.g. staff training, mentoring)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q5.12 Has your university been able to secure and initiate new funded innovation-focused projects or collaborations with partners during the Lockdown?

	No (7)	Yes (8)
Strategic or other large long-standing partners of your university (1)	<input type="radio"/>	<input type="radio"/>
Other large partners of your university (2)	<input type="radio"/>	<input type="radio"/>
Small and medium-sized partners of your university (3)	<input type="radio"/>	<input type="radio"/>

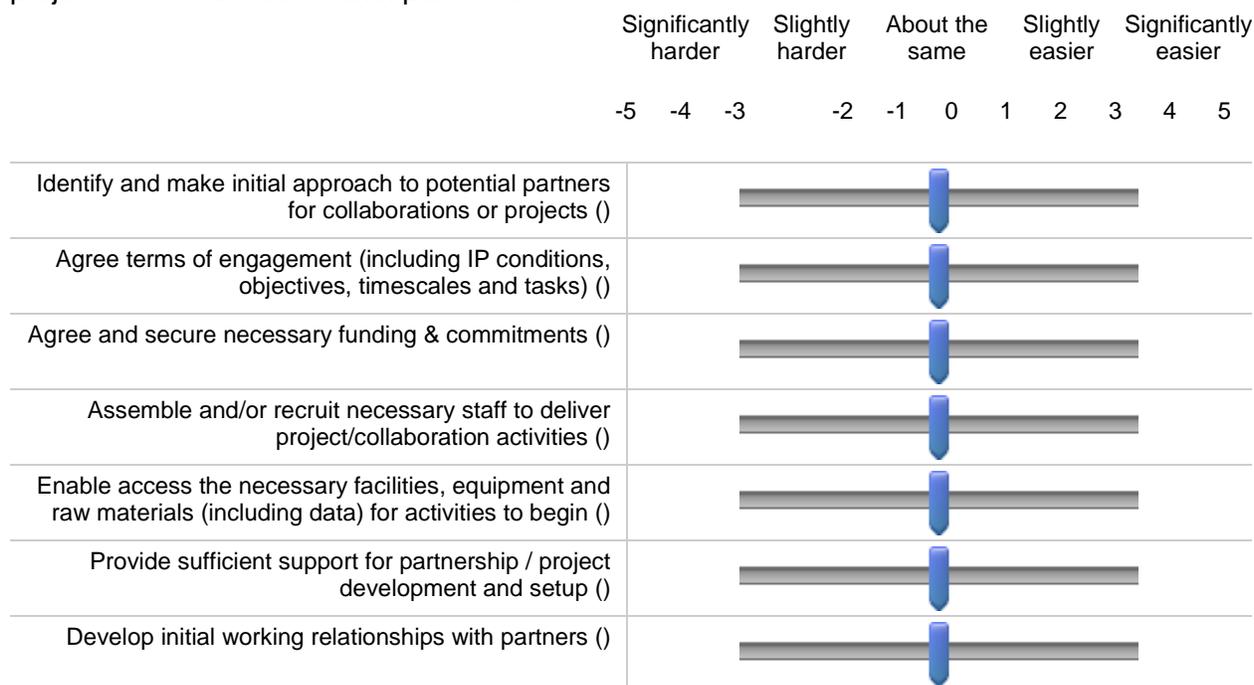
Display This Question:

If Q5.12 = Strategic or other large long-standing partners of your university [Yes]

Or Q5.12 = Other large partners of your university [Yes]

Or Q5.12 = Small and medium-sized partners of your university [Yes]

Q5.13 Compared with initiating projects or collaborations with partners in the pre-Covid period, during Lockdown has your university found it easier or harder to initiate new innovation-focused projects or collaborations with partners?

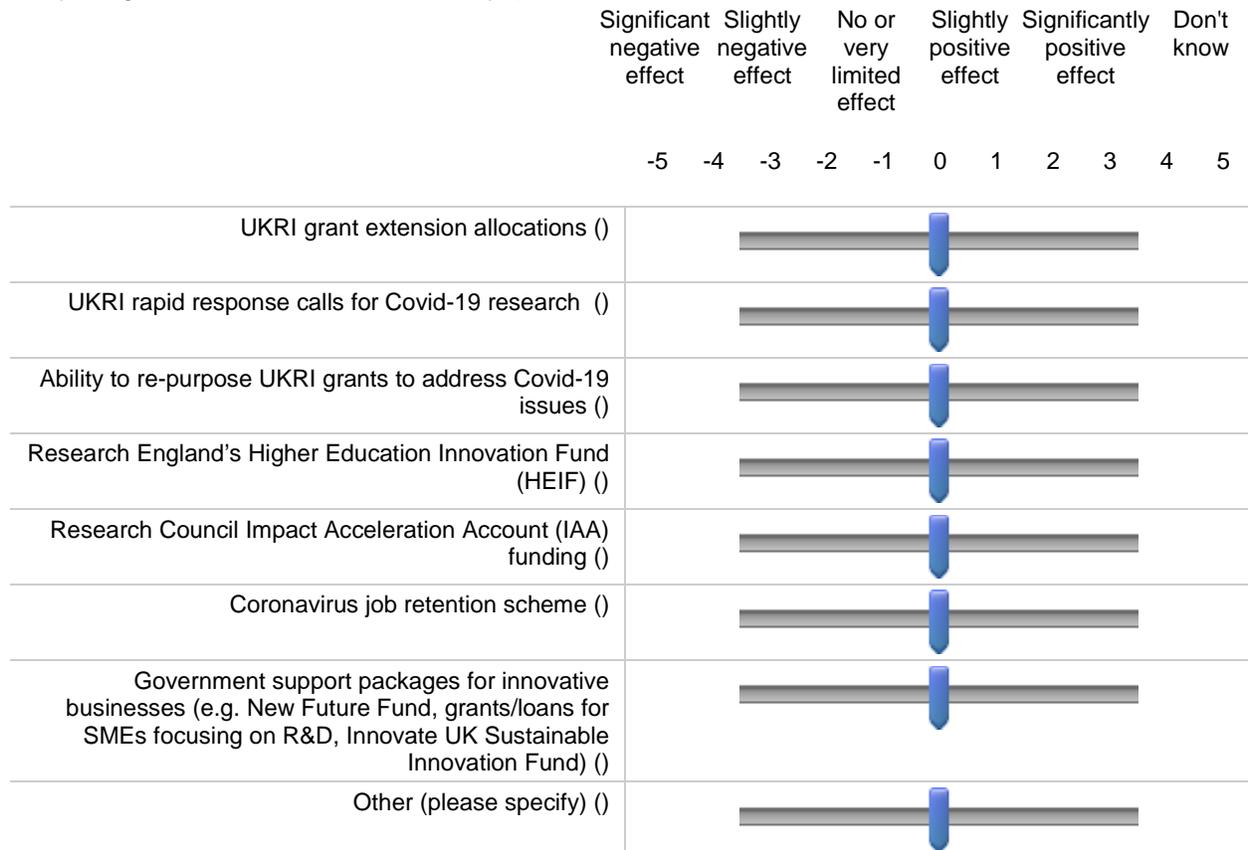


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If Q4.3 = United Kingdom of Great Britain and Northern Ireland

Q5.14 The UK Government has put in place a number of schemes to support job retention, research activity and innovative businesses through the crisis.

What effect has each of the following government schemes had on your university's ability to initiate, support and deliver innovation-focused activities through the Lockdown and into the early stages of the economic recovery (to the end of 2020)?



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Q5.15 *There is anecdotal evidence of universities finding innovative ways for overcoming the many challenges faced in negotiating, setting up and delivering innovation-focused partnerships, collaborations and other activities with partners during Lockdown.*

We would welcome up to three examples of new innovative processes, behaviours or approaches that have been developed in response to the Covid crisis that you would like to see sustained to deliver more effective partnerships and collaborations longer term.

Q5.16 Example 1

Q5.17 Example 2

Q5.18 Example 3

End of Block: Effects of the immediate Covid-19 health and economic crises

Looking forward: short term

Q6.2 This section looks forward to potential changes over the short term (to the end of March 2021). While much is currently uncertain in terms of how the Covid-19 health and economic crises will evolve during this period, we are very interested in getting your expectations on how the situation might change.

Q6.3 Compared with levels of activity during Lockdown, in the short term how do you believe the level of innovation-focused activities with partners will change for your university across all sectors, and with the top 3 sectors identified earlier?

	Collapse (-51% or more)	Significantly decrease (-50% to -21%)	Moderately decrease (-20% to -6%)	About the same (-5% to 5%)	Moderately increase (6% to 20%)	Significantly increase (more than 20%)	Don't know
Across all sectors (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Top Sector 1 (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Top Sector 2 (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Top Sector 3 (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q6.4 Compared with the Lockdown period, how do you believe the level of innovation-focused activity your university has with external partners will change in the short term?

Note: Large organisations are defined as having 250 employees or more. Small and medium-sized organisations are defined as having fewer than 250 employees.

	Collapse (-51% or more)	Significantly decrease (-50% to -21%)	Moderately decrease (-20% to -6%)	About the same (-5% to 5%)	Moderately increase (6% to 20%)	Significantly increase (more than 20%)	Don't know
With strategic partners of your university (10)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
With non-strategic large partners of your university (11)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
With small and medium-sized partners of your university (12)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Setting up spinoff/start-up ventures to commercialise new ideas and technologies (13)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Q6.5 Compared with the Lockdown period, how do you believe the level of funding available within your university for initiating, supporting, and delivering innovation-focused activities with external partners will change in the short term?

	Collapse (-51% or more)	Significantly decrease (-50% to -21%)	Moderately decrease (-20% to -6%)	About the same (-5% to 5%)	Moderately increase (6% to 20%)	Significantly increase (more than 20%)	Don't know	Not relevant
COVID RELATED: Public funding for specific R&D, innovation and commercialisation projects (including for advancing research outputs towards real world application)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
COVID RELATED: Industry or charitable funding for specific R&D, innovation and commercialisation projects (including for advancing research outputs towards real world application)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
COVID RELATED: Funding for providing services and support for initiating and delivering R&D, innovation and commercialisation activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NON-COVID: Public funding for specific R&D, innovation and commercialisation projects (including for advancing research outputs towards real world application)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NON-COVID: Industry or charitable funding for specific R&D, innovation and commercialisation projects (including for advancing research outputs towards real world application)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NON-COVID: Funding for providing services and support for initiating and delivering &D, innovation and commercialisation activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ANY FOCUS: Funding for creating and maintaining physical or virtual infrastructure to enable partnership-focused R&D, innovation & commercialisation activity (e.g. joint R&D labs, science parks, incubators, accelerators, test-beds)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ANY FOCUS: Funding for building capabilities of staff to lead, initiate and deliver innovation-focused activities with partners (e.g. staff training, mentoring)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Looking forward: supporting innovation in the economic recovery period

In this section, we are interested in identifying whether universities are likely to change the focus of their innovation-focused activities and engagements with external partners in the economic recovery and renewal period. While it might be too early for decisions to have been made, we would value your best estimate on how your university's innovation focus might change.

Q7.3 During the national economic recovery period, please indicate the importance you expect your university to place on the following types of R&D activities to support the innovation objectives of its external partners.

	No importance	Moderately important	Extremely important	Not applicable							
	0	1	2	3	4	5	6	7	8	9	10
Advancing understanding of fundamental principles through basic research (1) ()											
Use-inspired basic research (2) to underpin the development of new technologies, processes, business models, products or services, policies and other institutions ()											
Applied research (3) to support development of new or significantly improved technologies, processes, business models, products or services, policies and other institutions ()											
Prototype development, design & demonstration of technologies, processes, products or services ()											
Developing challenge-driven programmes and centres of excellence that integrate research of different types/disciplines and provide targeted support for its further development and transfer into practice (including targeted training) ()											

Notes:

(1) **Basic research**: theoretical, empirical or experimental work, undertaken primarily to acquire new knowledge about the underlying foundation of phenomena or observable facts, without any particular application or use in view.

(2) **User-inspired basic research** : theoretical, empirical or experimental work, undertaken primarily to acquire new knowledge about the underlying foundation of phenomena or observable facts, but also inspired by considerations of use.

(3) **Applied research**: original investigation undertaken in order to acquire new knowledge directed towards an individual, group or societal need or use.

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Q7.5 During the national economic recovery period, please indicate the importance you expect your university to place on the following types of innovation-focused services and support, beyond R&D, to support the innovation objectives of its external partners.

No importance Moderately important Extremely important Not Applicable

0 1 2 3 4 5 6 7 8 9 10

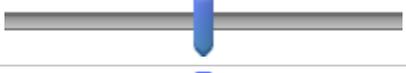
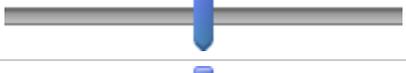
Helping partners identify new directions and opportunities for developing new technologies, processes, business models, products or services ()	
Services to support partners to prototype, design, demonstrate, test, produce and take to market new technologies, processes, products or services ()	
Services to support partners in solving technical problems facing existing processes, products or services ()	
Helping partners identify/adopt new technologies, processes, and systems to improve efficiency, productivity and resilience ()	
Develop/provide access to specialist facilities and equipment to support development of new technologies, processes, products or services ()	
Build networks to convene / better connect organisations to facilitate the innovation process (e.g. university staff/students, companies, investors, research & technology organisations, public sector agencies) ()	

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Q7.6 During the national economic recovery period, please indicate the importance you expect your university to place on the following types of services and support targeted at strengthening the innovation system to enable the development, diffusion and deployment in practice of new technologies and ideas.

No importance Moderately important Extremely important Not Applicable

0 1 2 3 4 5 6 7 8 9 10

Develop/provide leadership, intelligence and expert advice to inform strategic development of place, technology or sector (e.g. strategic direction, benchmarking, foresight, market insights) ()	
Inform development of relevant policies, regulations and standards, legal frameworks ()	
Raise public understanding of new technologies (e.g. ethical implications) ()	
Develop workforce skills (including supporting partner recruitment, workforce development) ()	
Providing targeted support, access to investment, and physical infrastructure for forming and developing spinouts/start-ups to commercialise new ideas and technologies ()	
Providing entrepreneurship education to staff, students and local communities ()	
Facilitate the movement of people between academia and industry ()	
Efforts to strengthen the innovation and entrepreneurial culture ()	

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Q7.7 Beyond the easing of specific measures introduced to reduce the spread of Covid-19 (e.g. further releasing lockdown measures and opening up the economy)...

Moving forward, what action(s) could the UK government take in the shorter term to enable universities to contribute fully to driving innovation during the economic recovery?

End of Block: Looking forward: supporting innovation in the economic recovery period

Start of Block: Thank you and potential for a follow-up interview

To help us explore the results of the survey and implications for policy, we would very much appreciate a follow-up interview with selected respondents. If you would be happy to participate in this, please provide your contact details below.

Q8.2 To help us explore the results of the survey and implications for policy, we would very much appreciate a follow-up interview with selected respondents. If you would be happy to participate in this, please indicate this below and provide contact details.

- I would be happy to participate in a follow-up call (1)
 - I do not wish to participate in a follow-up call (2)
-

Q8.3 If you are happy to participate, please provide a contact email address and / or telephone number. These details will never be shared and will be deleted following the completion of the project unless permission is otherwise granted.

- Email address (1) _____
 - Telephone number (2) _____
-

Q8.4 Thank you very much for participating in this survey. Your responses are greatly appreciated.

End of Block: Thank you and potential for a follow-up interview
