



UK-Kenya Health Global Innovation Network

Launch Event



Innovate
UK



About Us



**Innovate
UK**

inspire | involve | invest

**Together, we will work to Inspire,
Involve and Invest to support
business innovation**

As the UK's national innovation agency, Innovate UK exists to support and connect innovators with new partners and new opportunities beyond their existing thinking – accelerating ambitious ideas into real-world solutions.



Building the future economy

Plan for action for UK business innovation

inspire | involve | invest



2021–2025



Future economy



Growth at scale



Global opportunities



Innovation ecosystem



Government levers



Science and research strengths



Design



Societal impact and responsible innovation



Innovation talent and skills



Equality, diversity and inclusion



Place and levelling up

Theme 3: Global opportunities

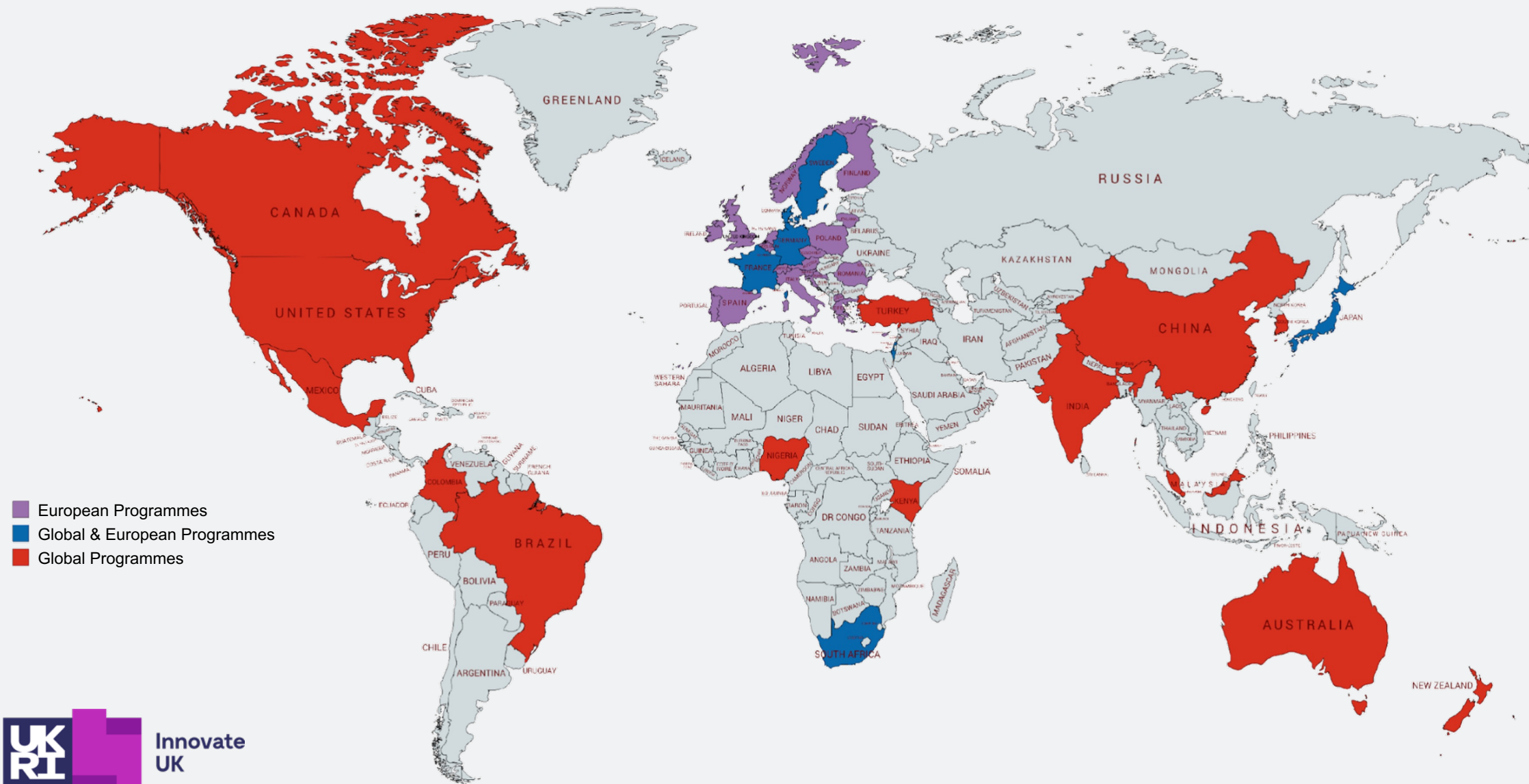
More and more countries are looking to science and innovation to build their economies and meet global challenges. There is a major opportunity for international co-operation on research and development and innovation that builds on our world-class science and research capabilities and industry strengths.

**The Government's vision
is for the UK to be a
global hub for innovation
by 2035.**

Innovate UK shared international objectives:

- More UK businesses making global success a key part of their innovation-driven growth
- UK as the international innovation partner of choice and one of the most attractive places in the world for innovation
- UK research and innovation building alliances to tackle global challenges
- Increased inward investment into the UK R&D

Our Reach



Primary Delivery Partners

UK Government



National Innovation Agencies



Global Alliance Africa

www.iuk.ktn-uk/programme/africa



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Theresa May pledges Africa investment boost after Brexit

© 28 August 2018

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Theresa May was all smiles as she joined school children for a dance



A New Approach to Africa

“With a shared passion for entrepreneurship, technology and innovation, now is the time for UK companies to strengthen their partnerships with Africa to boost jobs and drive prosperity both at home and overseas...”

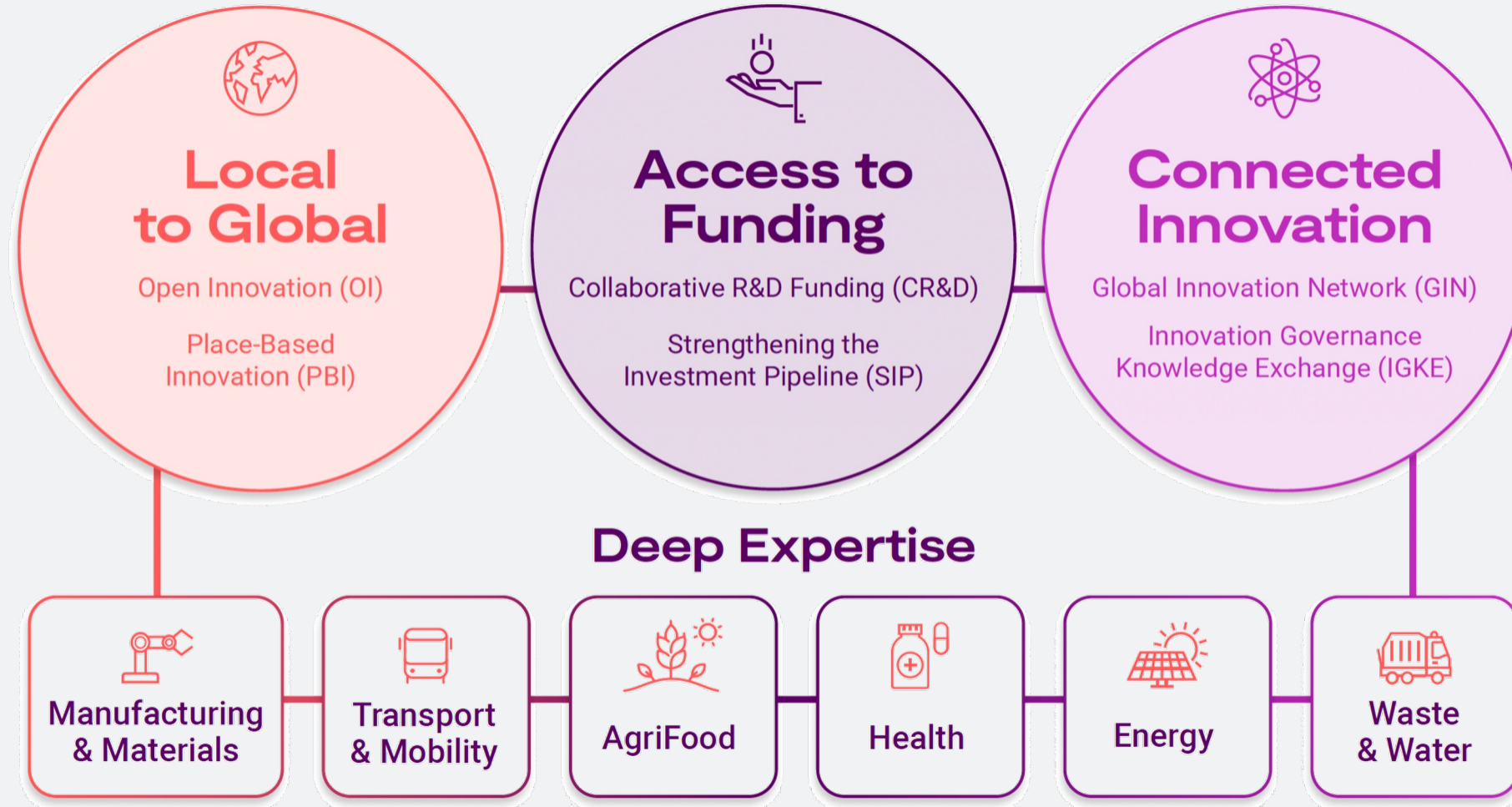
The challenges facing Africa are not Africa's alone. It is the world's interest to see these jobs created.”

UK Government, August 2018



Partnership | Progress | Prosperity

Building UK-Africa Partnerships



Our Team



What are Innovation Networks?

Innovate UK's Innovation Networks unite some of the best minds and greatest thinkers from across the UK and globally to find answers to some of the world's most significant challenges.

Innovation Networks will facilitate UK, African and EU networks to deliver collaborative research, innovation and funding solutions that address key global innovation challenges

Global Innovation Networks



Digital & Creative
Circular Fashion



Circular Economy
Sustainable Construction



Food Security
Alternative Proteins



Health
Early Detection &
Diagnosis of Cancer



Energy Transition
Smart Energy Systems



Water Security
Water Security &
Wastewater Management



Space Technology*
Space Data &
Earth Observation

UK-Kenya Alternative Protein Innovation Network

Objective

- To facilitate knowledge-sharing and collaboration to enhance food security and nutrition in Kenya by identifying innovative approaches and solutions (palatability and desirability) that can contribute to sustainable and resilient food systems.
- 200+ stakeholders engaged, 45+ registered members



Sustainable Algae

This group will focus on the development of algae-based protein products for human consumption. They will explore various innovative forms and applications of algae protein.



Insects for food

This group will focus on the use of innovative technologies for the development of insect-based protein products for human consumption incorporating insect-based proteins into various food products.

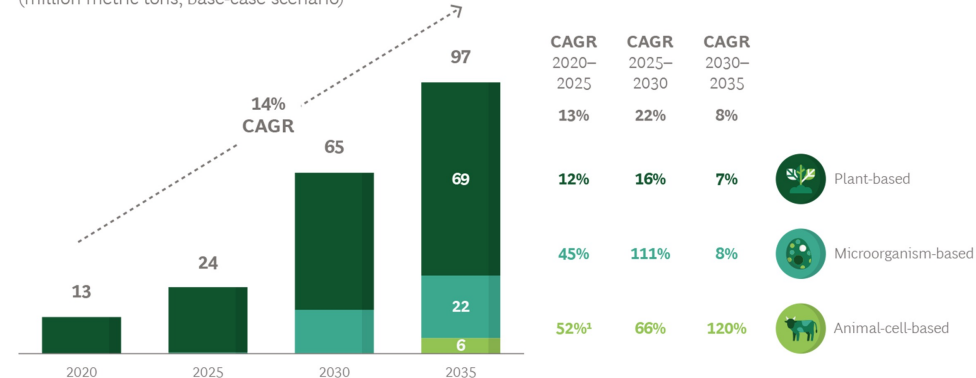


Fermentation

This group will focus on the development of fermentation-based protein products for human consumption.

Exhibit 1 - Alternative Protein Consumption Will Grow in Three Waves

Consumption of alternative proteins by protein source (million metric tons, base-case scenario)



Sources: US Department of Agriculture; Euromonitor; UBS; ING; Good Food Institute; expert interviews; Blue Horizon and BCG analysis.

*CAGR from 2022 to 2025, starting from market entry.

UK-Kenya Health Innovation Network

Objective

- To improve accessibility and affordability of early cancer screening, detection and diagnosis rates in Kenya.
- 100+ stakeholders engaged, with 20+ registered members.
- Establish a working group formed with UK and KE partners
- Potential collaboration pipelines
- Scoping mission to the UK



Prostate Cancer

Prostate cancer is a common and serious disease that mainly occurs in the prostate gland. This cancer is more common in older men, especially those aged over 50.



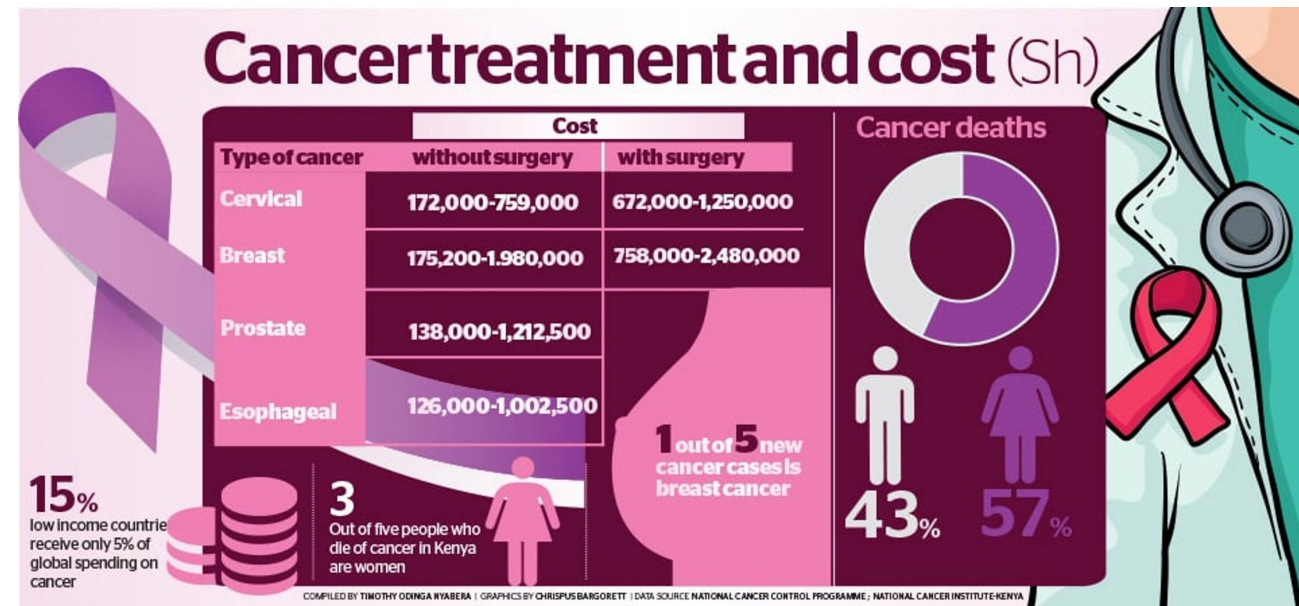
Cervical Cancer

Cervical cancer is a major health concern related to persistent human papillomavirus (HPV) infection. Detecting it early are crucial to lessening its impact.



Breast Cancer

Breast cancer is the most common cancer affecting women in Kenya and globally. Raising awareness is pivotal for early detection and improved outcomes.



Network Roadmap

Pillar 1: Affordable cancer screening, detection and diagnosis innovations

Pillar 2: Accessible cancer screening, detection and diagnosis innovations

- Enhance access to cancer diagnosis and detection
- Strengthening health systems
- Addressing the gap in suitable health technologies

Activities

- Knowledge exchange activities
- Technology and innovation transfer
- Providing access to funding
- Building innovation collaborations and facilitating industry connections

Outcomes

- Adoption of affordable and accessible cancer diagnosis and detection innovations
- Enhanced UK-Kenya collaborations & partnerships
- Increased accessibility to affordable cancer diagnosis and detection innovations

Action Plan - Activities and Timelines

S/N	Activities	Suggested ownership/ stakeholder group(s)	Delivery Timeline
1.	Knowledge exchange activities <ul style="list-style-type: none"> • Convene stakeholder workshops and events 	Innovate UK, sector experts	March 2024– March 2025 <i>Status – In progress</i>
2.	Ecosystem Strengthening <ul style="list-style-type: none"> • Facilitate industry connections • Enhance UK-Kenya collaborations & partnerships 	Innovate UK, Sector experts and network members	April 2024– March 2025 <i>Status – In progress</i>
3.	Technology/Innovation Transfer <ul style="list-style-type: none"> • UK-Kenya scoping missions (in-country and abroad) 	Innovate UK,	April 2024– March 2025 <i>Status – In progress</i>
4.	Collaborative Funding <ul style="list-style-type: none"> • Open call for innovative cancer tech and innovations • Collaborative exchanges 	Innovate UK	March 2024– March 2025 <i>Status – To be delivered</i>



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How to join the network



Scan me

Opportunities

Collaboration

- SA company looking for UK collaborators: The Council for Scientific and Industrial Research (CSIR)
- KE company looking for UK collaborators: Vectorgram
- UK company looking for African collaborators: Digistain

Funding

- NHS open call for funding: <https://sbrihealthcare.co.uk/competitions/nhs-cancer-programme-innovation-open-call-3>

Scoping mission

- June 2024



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Thank you

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