

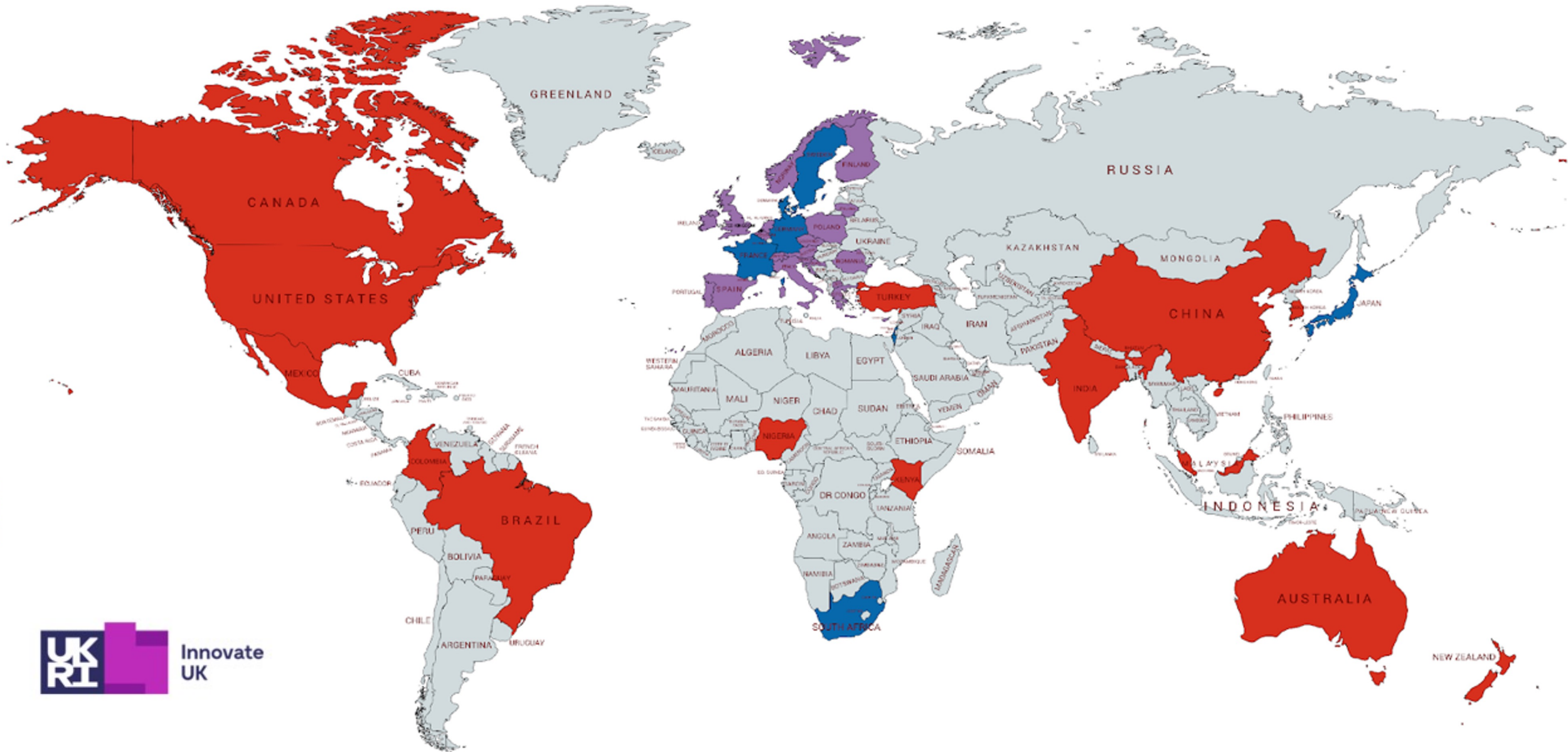


Innovate
UK

Global Alliance Africa



Our Reach



Global Alliance Africa



UKRI

UKRI convenes, catalyses and invests in close collaboration with others to build a thriving, inclusive research and innovation system.



Innovate UK

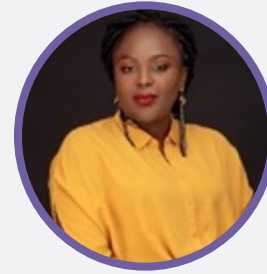
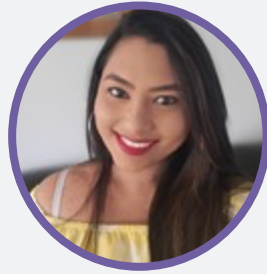
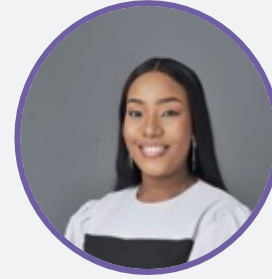
Innovate UK is the UK's national innovation agency. We support business-led innovation in all sectors, technologies and UK regions.



Global Alliance Africa

Global Alliance Africa is a six-year project designed to strengthen and scale local innovation and business environments in Kenya, Nigeria and South Africa.

Our Team





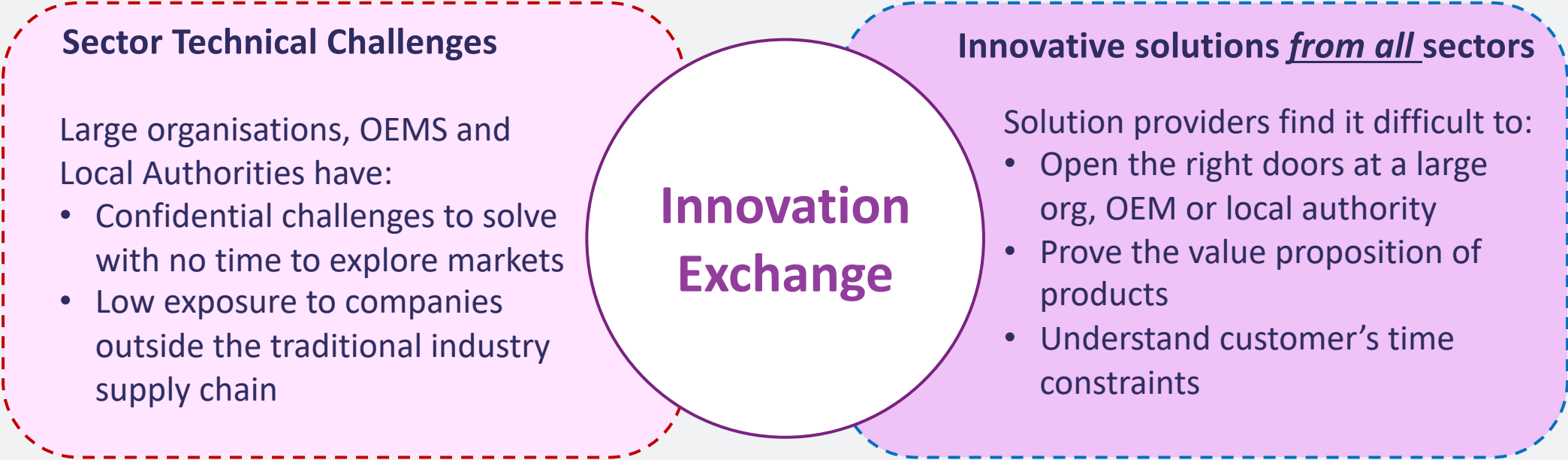
Innovate
UK

Open Innovation



Local Empowerment Through Collaboration

Innovation Exchange is a programme specially designed to introduce your company's challenges to the innovators who are already working on the solutions.



Challenge Owners

Solution Providers



Innovate UK



Challenge Holders



The iX process



(1) Challenge translation

Identify and translate innovation challenges with KTN



(2) Competition

Prepare and release competition to extended KTN and innovation networks



(3) Solution selection

Filter and select responses by Solution Providers to the call



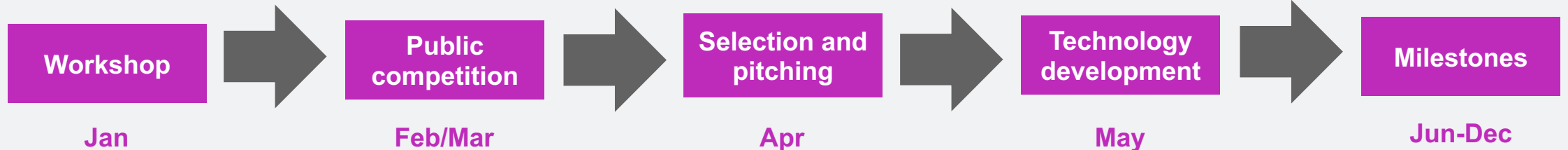
(4) Relationship building

Engage with chosen companies and identify routes for technology development



(5) Pilot project building

Run collaborative pilot project with KTN seed funding



Benefits for Challenge Holders

Supply Chain Strengthening

It helps build a route for greater and more diverse innovation content in supply chains

Quick and simple exposure to new technologies and markets

KTN delivers technology solutions from areas to which challenge holders do not normally have exposure (both in- and cross-sector)

Time efficient

It requires little time commitment, with the bulk of the resource and time provided by GAA

Expertise at no charge

We are fully funded by the UK Government and there is no charge to you for our professional services

Benefits for Solution Providers

Immediate access to large business

Successful applicants will be given the opportunity to pitch their solution to the Challenge Holder

Ongoing collaboration on project

The selected Solution Provider/s will collaborate with the Challenge Holder and gain access to local facilities, eg: farmland to carry out trials for piloting the solution

Seed Funding provision

Up to GBP 25,000 seed funding to work on the solution for this specific challenge in collaboration with the Challenge Holder

Pitching and development support

Support from KTN and mentoring from our development partners throughout the challenge process

Global Alliance Africa Open Innovation Challenges

Nigeria

Hinckley

- Lithium-Ion battery second life
- Battery management systems

TGI

- Crop protection from birds

Animal Care

- Manure valorisation

Berger Paints

- Expired paint valorisation

Hinckley Recycling
Battery Innovation
Challenges -
Live Launch and Virtual Tour

29 Sep | 10:00-12:00 BST





DETECTION OF FALSE CODLING MOTH IN CROPS

CHALLENGE

IDENTIFICATION OF FALSE CODLING MOTHS IN CHILLI PLANTS



SOLUTION

INNOVATIVE MOBILE FIRST DETECTION SYSTEMS

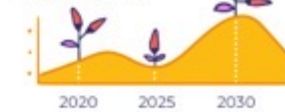


OUTCOME

ACTIVE AND EFFECTIVE CROP PROTECTION

RISK REDUCTION FOR FARMERS
Safeguarding jobs and supporting food security

EARLY DISEASE DETECTION AND YIELD PREDICTION
Analysis of plant height, leaves and fruits



SOLUTIONS FOR OTHER PESTS AND CROPS
Solution will be customised for tomatoes and citrus next



SUSTAINABLE DEVELOPMENT GOALS

GLOBAL ALLIANCE AFRICA
Project building UK-Africa innovation collaborations to create positive change

INNOVATION EXCHANGE
Our unique process matching industry challenges to cross-sector innovations