

ENERGY CATALYST

Briefing: Launch & Brokerage Event

28/06: Kenya
Hybrid Event



Innovate
UK



Foreign,
Commonwealth
& Development Office



Department for
Business, Energy
& Industrial Strategy



Agenda

07:50

Welcome and Introduction to IUK/IUK KTN

08:15

Keynote Address: Kenya Renewable Energy Association

08:45

Overview of Energy Catalyst & B-2-Match Platform

09:00

What makes a good application?

09:15

Case Studies from a previous round of Energy Catalyst

09:30

Q&A Session

09:45

Closing Remarks

10:00

Networking Breakfast



About Us

Innovate UK KTN exists to connect innovators with new partners and new opportunities beyond their existing thinking – accelerating ambitious ideas into real-world solutions.



Positive Change Commitments

Positive Change

We create diverse connections to drive positive change

Deep Expertise

We have wide-ranging expertise and convene the expertise of others

Powerful Connections

We drive powerful connections with businesses at the heart of what we do

Future Shaping

We shape the innovation communities of the future

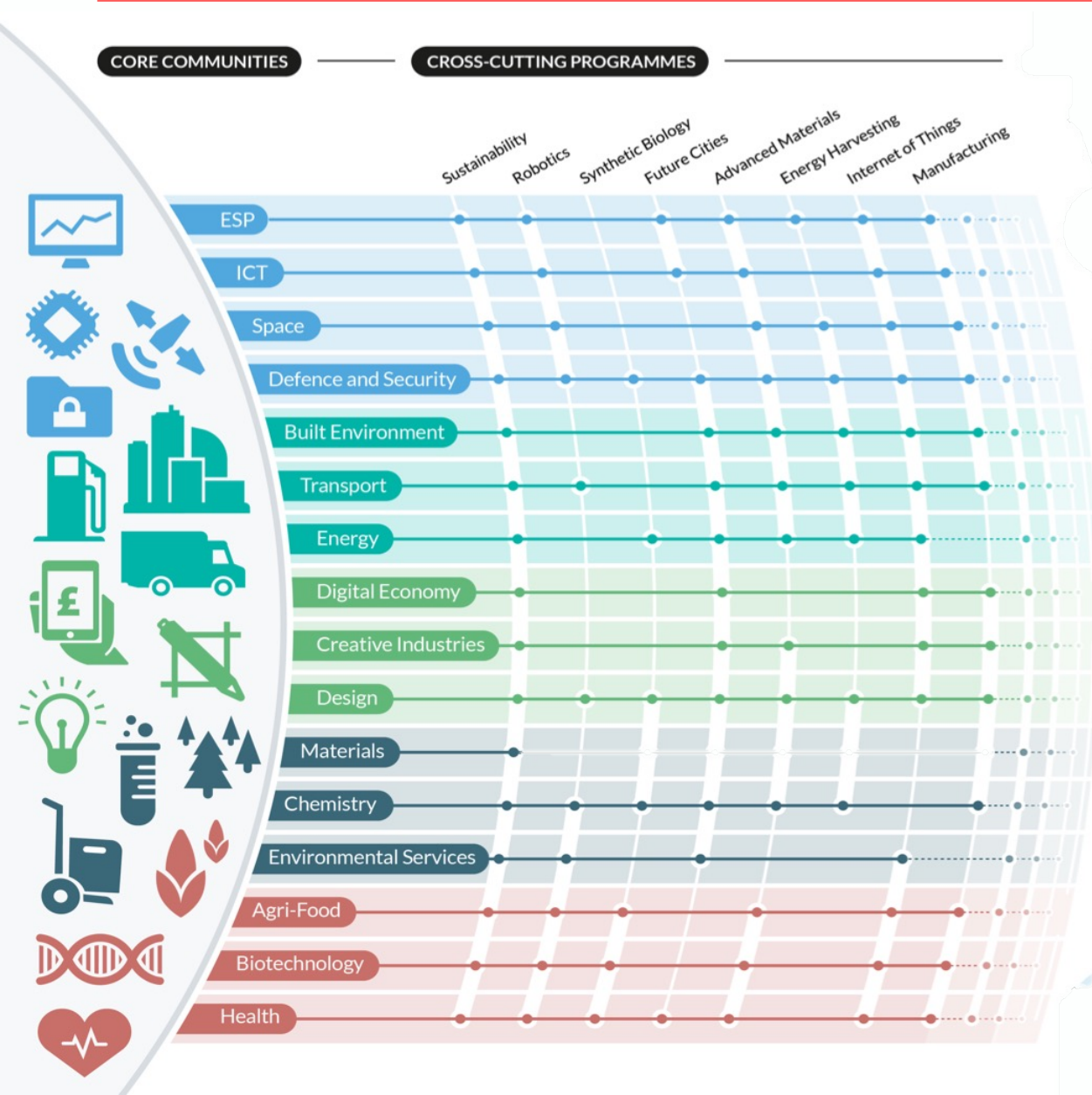
Our People

We provide an exceptional place of work for our exceptional people

We will collaborate globally to create valuable international connections for innovators.

We will extend our activity beyond economic prosperity to also deliver sustainable societal & environmental benefit.

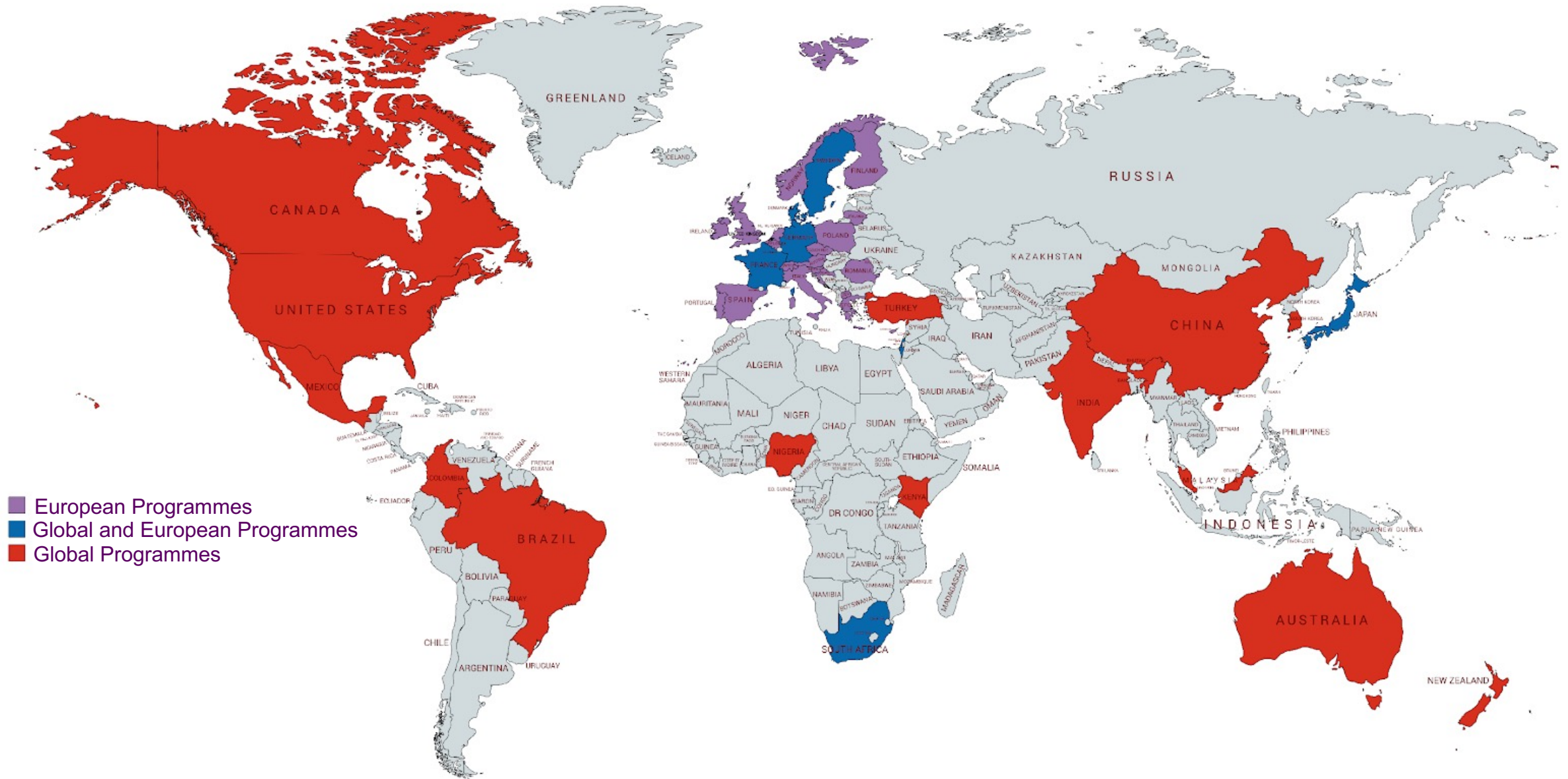
Simplifying Complexity



We are truly cross-cutting, to simplify complexity

- Deep sector expertise across 20 key economic sectors
- Comprehensive cross-sector programmes, including Global Innovation
- Working across complete innovation ecosystem
- A network of +45,000 unique organisations, c.80% SMEs, +234,000 innovators
- In the UK and with over 30 countries

Our Reach



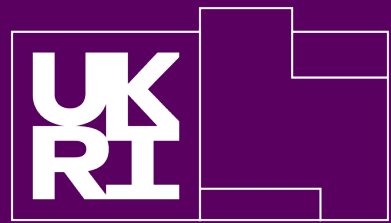


We connect **regional, national and global** innovation

Our **Global Alliance** programme drives international collaborations with governments, societies, enterprises, institutions and people from every corner of the globe.



InnovateUK
KTN



Innovate UK
KTN

Global
Alliance

Africa

Reinforcing the Connect and Collaborate Phase

Engagement & Inception
(Year 1 | FY19/20)

Connect & Collaborate
(Years 2-4 | FY20/21-22/23)

Growth & Impact
(Years 5-6 | FY23/24-24/25)

- **Connect ideas, build collaboration & catalyse investment** in UK-Africa innovation partnerships for mutual economic & social impact.
- Drive **inclusive innovation & economic development** through UK-Africa partnership.
- Build alliances to **strengthen local innovation ecosystem capacity**.
- **Facilitate knowledge exchange** in innovation best practices contributing towards a thriving innovation ecosystem in Africa.

Building UK-Africa Partnership through...



Local to Global

Open Innovation

Place-Based Innovation



Access to Funding

Collaborative R&D Funding

Strengthening the Investment Pipeline



Connected Innovation

Global Innovation Network

Deep Expertise

* Manufacturing & Materials | Transport & Mobility | AgriFood | Health | Climate Technologies | Digital Economy *

* Sector coverage subject to funding level & project priorities

Our Global Alliance Africa Team



Thank you.



Sheilah Birgen

Kenya Country Lead - Global Alliance Africa

Sheilah.birgen@ktn-uk.org | +254 740 661773



Global
Alliance

Africa

ENERGY
CATALYST

Keynote Address:

Andrew Amadi

Chief Executive Officer of Kenya
Renewable Energy Association



Andrew Amadi

Chief Executive Officer, Kenya Renewable Energy Association



Andrew Amadi is a chemical engineer by training and has worked in the energy sector for over 24 years. In this period he has been able to engage with all types of renewable energy as well as having worked in the petroleum sector.

Since 2007 he has been on the front line in the response to climate change. His personal and professional commitment is aligned to achieving resilience and prosperity in the face of climate change. The way he has gone about this is by dedicating himself towards finding renewable and energy efficiency solutions in Africa and beyond.

As the CEO of the Kenya Renewable Energy Association, he is committed professionally to developing and promoting the use of renewable energy in order to be able to achieve universal access and a growth projection for Africa that is driven entirely by renewable energy.

ENERGY CATALYST

Overview of Energy Catalyst.



ENERGY

— —

**ENERGY
CATALYST**

Energy Catalyst Virtual Brokerage: How to use b2match effectively





18 May 2022 - 10 August 2022
United Kingdom

Energy Catalyst International Brokerage

[Home](#) [Eligibility](#) [How it works](#) [Timeline](#) [About us](#) [Contact](#) [FAQ](#) [Recorded Sessions](#)

Energy Catalyst Virtual Brokerage

Join the virtual brokerage to find partners for your Innovate UK Energy Catalyst Round 9 application.

From May through to August, this website will host a series of webinars and 1:1 virtual meetings to discuss project opportunities and facilitate introductions between organisations to help provide clean, affordable and secure energy in sub-Saharan Africa, South Asia and the Indo-Pacific Region.

The aim of these webinars and the virtual Marketplace is to help organisations gain an understanding of the energy access issues in a particular country and to develop equitable partnerships leading to a collaborative application for Energy Catalyst Round 9.

Round 9 of Energy Catalyst is open now, with further information available via this link: <https://apply-for-innovation-funding.service.gov.uk/competition/1173/overview>

To register for our Competition Briefing Session on Wednesday, 25th May 2022, please visit: <https://ktn-uk.org/events/energy-catalyst-briefing-launch-and-brokerage-events/> - this session will detail the competition scope and eligibility alongside how to apply and the support available to you in preparing your application.

Energy Catalyst Round 9 makes available up to £20m to support businesses to develop

Register now

Open until 10 August 2022

LOCATION

United Kingdom

ORGANISED BY

ENERGY
CATALYST



Marketplace

Your virtual shop window - the higher the quality, the more participants will be interested in talking to you!

- Profile – Expertise, Project Cooperation or Request
 - Everything must be clear & coherent
- Advantages and innovative aspects
- Specific requirements and requests, sufficient detail for a potential partner to know whether they can help
- Role of the partner





Jens Böhm

Innovation & Growth Specialist at Innovate UK
EDGE
Manchester, United Kingdom

Edit my profile

View my profile

Overview

[My availability](#)

[My opportunities](#)

[Company representatives](#)

[Organizer questions](#)

[Account settings](#)

[Logout](#)

Your local support office

Innovate UK EDGE (North)

Jens Böhm

+44 (0) 1925 607 040

jens.boehm@rtcnorth.co.uk

<https://www.innovateukedge.ukri.org/>

Booking phase has started!

You haven't requested any meetings yet. The number of available time slots is limited. You can request or accept up to 100 meetings. The booking phase closes on **August 10, 2022**.

Book meetings now

I

Application Support / Authority/Government

Innovate UK EDGE

Innovate UK EDGE is a key part of the UK innovation agency's deep investment in the pioneering businesses that drive economic growth. It is a publicly-funded service available to all high potential small to medium sized innovation-driven companies, including Innovate UK grant winners.

Innovators are motivated to improve the ways we live and work. We support those building scalable businesses to achieve their goals, in every sector and from seed to scale stage. Our innovation and growth specialists are at the centre of our service. Each client engagement results in a bespoke strategy but common priorities include:

- Exploiting business innovation: Developing a commercial strategy and building a team to deliver it; protecting & harnessing your IP; improving innovation management & accessing the innovation ecosystem globally
- Sourcing funding and finance: Applying the right strategy to secure grants and capital for your business, enhancing investor appeal and getting investment ready to propel your growth
- Opening new markets: Creating connections to partners & leveraging insights to expand into vertical & international markets and achieve scale

Often these priorities are closely linked, especially in the case of scaling businesses which must align all business functions to achieve a step change in growth. Our Scaleup Programme prepares companies who have already benefited from our high growth service and other innovation-driven businesses with 50%+ growth potential for just such a transformation.

TECHNOLOGY INTERESTS

Other



Innovate UK EDGE

Authority/Government | Manchester, United Kingdom

OVERVIEW

MARKETPLACE

Create an opportunity

Cancel



Project Cooperation

Add this if you are interested in finding a partner for your project.



Expertise

Add your area of expertise and describe what you can offer to other participants.



Request

Add if you have anything specific you are looking for.

Event organiser



Help


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[Privacy policy](#)

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Innovate UK EDGE
 Authority/Government | Manchester, United Kingdom

OVERVIEW **MARKETPLACE**

New Project Cooperation

TITLE *

This field is required.

DESCRIPTION *

(0/5000)


PROJECT STAGE

TOPIC

CALL

TYPE OF COOPERATION SOUGHT


IMAGE UPLOAD



Add image

Maximum upload file size: 22MB.


FILE UPLOAD



Click here to upload or drag and drop files...

Maximum upload file size: 22MB.

VIDEO



Innovate UK EDGE
 Authority/Government | Manchester, United Kingdom

OVERVIEW **MARKETPLACE**

New Expertise

TITLE *


This field is required.

DESCRIPTION *

(0/5000)

FIELDS OF EXPERTISE


IMAGE UPLOAD



Add image

Maximum upload file size: 22MB.


FILE UPLOAD



Click here to upload or drag and drop files...

Maximum upload file size: 22MB.

VIDEO



Innovate UK EDGE
 Authority/Government | Manchester, United Kingdom

OVERVIEW **MARKETPLACE**

The organiser will review this opportunity before it gets published.

PROJECT COOPERATION

Example Project Cooperation

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Jens Böhm
May 14, 2022

The organiser will review this opportunity before it gets published.

EXPERTISE

Example Expertise

Contrary to popular belief, Lorem Ipsum is not simply random text. It has roots in a piece of classical Latin literature from 45 BC, making it over 2000 years old. Richard McClintock, a Latin professor at Hampden-Sydney College in Virginia, looked up one of the more obscure Latin words, consectetur, from a Lorem Ipsum passage, and going through the cites of the word in classical literature, discovered the undoubtable source. Lorem Ipsum comes from sections 1.10.32 and 1.10.33 of "de Finibus Bonorum et Malorum" (The Extremes of Good and Evil) by Cicero, written in 45 BC. This book is a treatise on the theory of ethics, very popular during the Renaissance. The first line of Lorem Ipsum, "Lorem ipsum dolor sit amet..", comes from a line in section 1.10.32.

Jens Böhm
May 14, 2022

The organiser will review this opportunity before it gets published.

REQUEST

Your virtual shop window

This is your virtual shop window - the higher the quality, the more participants will be interested in talking to you! Do provide sufficient info about your organisation and create at least one entry for the Marketplace (Expertise, Project Cooperation, Request, etc.). Please indicate in detail what you can offer to others to help them further their activities and/or what you would like to gain in order to further your own organisation's activity.

So what makes a good presence on the Marketplace? A couple of questions to keep in mind:

1. Is your expertise, project cooperation or request, clear? Are all the paragraphs coherent?
2. Are the advantages and innovative aspects of your expertise or project cooperation an offer clearly explained? Are they clearly described in relation to competing projects on the market? Is your competitive advantage clearly stated? Are your specific requirements and requests clearly formulated, with sufficient detail for a potential partner to know whether they can help?
3. Please assure a good level of linguistic accuracy and avoid using slang. For many participants English is not their first language.
4. Is the role of the partner explained?

If you have any questions regarding your profile or the Matchmaking in general please contact your local Innovate UK EDGE partner or one of the event organisers. We're here to help!

Jens Böhm
May 14, 2022

Agenda



All session types ▼

- NIGERIA
- INNOVATE UK
- MALAWI
- RWANDA
- KENYA
- NEPAL
- TRAINING
- INDONESIA

EVENT AGENDA MY AGENDA

All times are displayed in the event time zone (Europe/Zagreb, currently: 13:27). [Change to recommended time zone \(your time zone\)](#)

Wednesday, May 25, 2022

09:00 - 16:00	Energy Catalyst (Round 9) Briefing Event	ONLINE	Add
	Join Online Session		

Event organiser



Help

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- [Cookie settings](#)

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Participants

Relevance 

39 Participants found

Search 

- BOOKMARKED 
- MATCHMAKING
- PARTICIPATION TYPES
- ORGANIZATION TYPES
- AREAS OF ACTIVITIES
- COUNTRIES
- COMPETITION MANAGEMENT



Jens Böhm

Innovation & Growth Specialist at Innovate UK EDGE
MANCHESTER, UNITED KINGDOM

[View organisation profile](#) →



David O

Founder at Tribes Capital
LONDON, UNITED KINGDOM

[View organisation profile](#) →



[Request meeting](#)



Kirsty Hinchliffe

Projects and Grant Manager at FeTu Limi...
HALIFAX, UNITED KINGDOM

[View organisation profile](#) →



[Request meeting](#)



Amy Flynn

Innovate UK
SWINDON, UNITED KINGDOM

[View organisation profile](#) →



[Request meeting](#)



Huilian Liao

Senior Lecturer, consultant at Sheffield H...
SHEFFIELD, UNITED KINGDOM

[View organisation profile](#) →

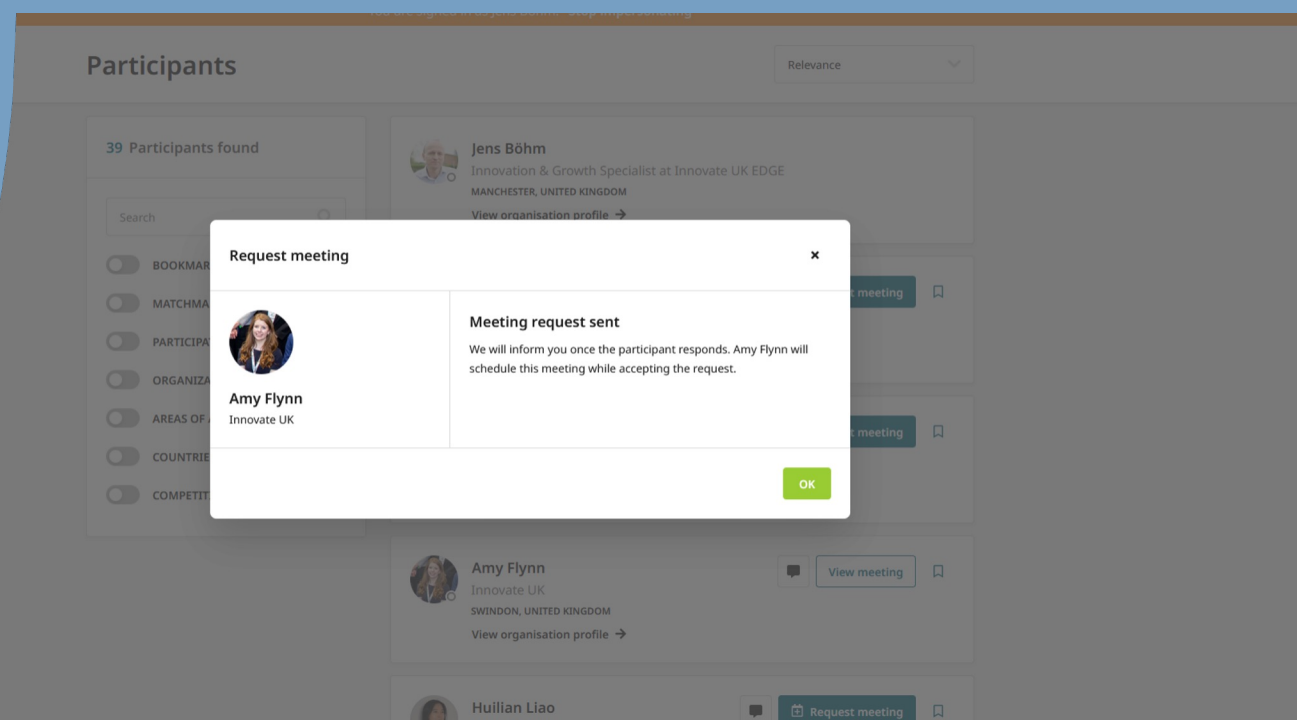
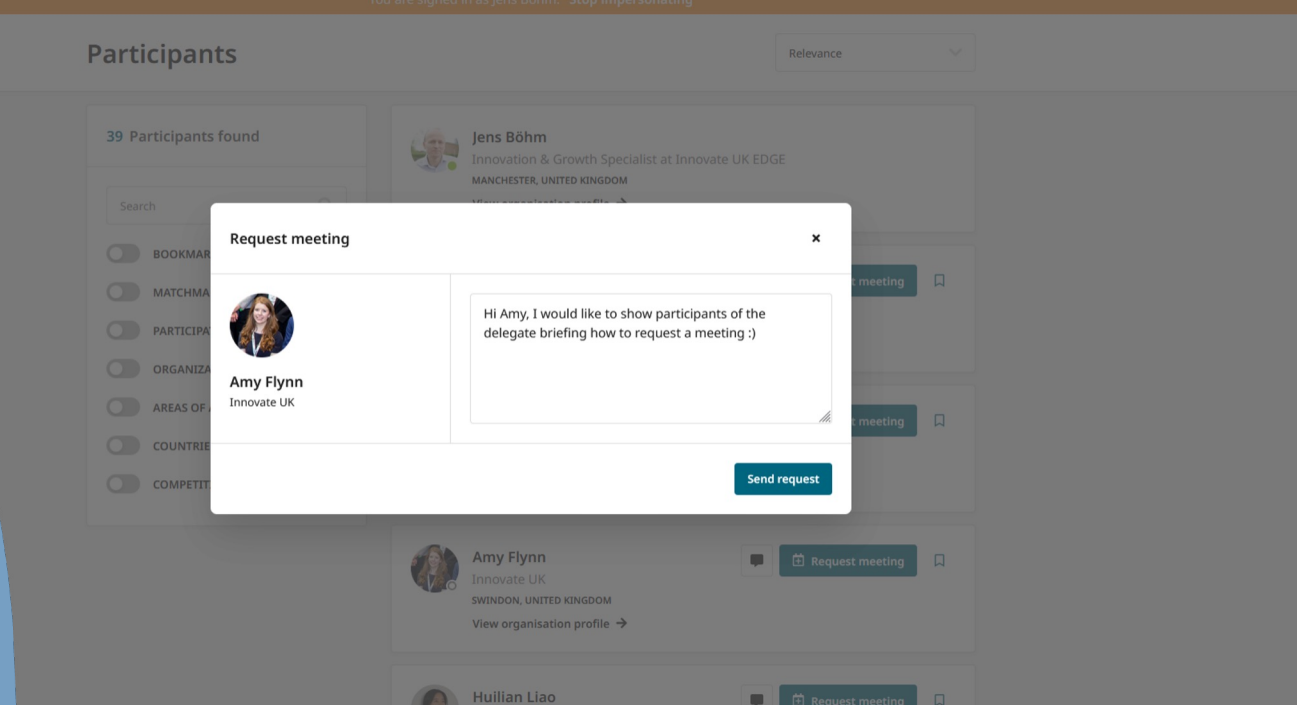


[Request meeting](#)



Request Meetings

- Be proactive
- Meetings will be scheduled by the recipient and can be moved/rescheduled
- Use the Marketplace to find out about specific projects, expertise and requests





Marketplace

Add an Opportunity

6 Opportunities found

PROJECT COOPERATION (5)

EXPERTISE (1)

PROJECT COOPERATION

Updated on May 24, 2022

Electricity mini-grids in rural Sub-Saharan Africa

We can provide micro hydropower electricity mini-grid installations in rural communities of Sub-Saharan Africa, south-east Asia and Latin America.

Other Cooling Mini Grid South Asia Early Stage East Africa +6



Martyn Cowsill

Director at MicroGen Renewables (Oldham, United Kingdom)



Request meeting

PROJECT COOPERATION

Updated on May 24, 2022

Watto

Watto is a clean energy innovation developed by an African engineer while working in rural Africa. As a father of three girls, it was designed out of the frustration seeing rural villagers living amongst abundant energy sources but do not have the tech...

Early Stage East Africa +3



Hanlie Wessels

CEO at Watto by Impact Business Development (Centurion, South Africa)



Request meeting

PROJECT COOPERATION

Updated on May 24, 2022

Manufacturer's of Solar , wind, biogas, Energ...

We seek cooperation for Renewable energy manufacturer's





1:1 Meetings

Camera and microphone test



My meetings

ALL 1 ACCEPTED 1 PENDING 0 CANCELED 0

AVAILABILITY

All times are displayed in the event time zone (Europe/Zagreb, currently: 15:26). [Change to recommended time zone \(your time zone\)](#)

Next meetings

 **Jens Böhm**, Innovation & Growth Specialist at Innovate UK EDGE
 **Amy Flynn**, Innovate UK

🕒 09:15 - 09:30
📅 Wednesday, May 25
🎥 Online Video Meeting

MEETING SCHEDULED

🗑 Cancel

🕒 Reschedule

👤 Invite guests

🕒 Starts in 18 hours

Event organiser



Help

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Summary

- Your virtual shop window
- Create a clear and concise profile to raise your visibility
- Be active not reactive;
- Attend webinars, regularly browse the agenda for additions and updates
- Browse profiles to find out who is offering interesting opportunities
- Make yourself available for meetings!
- Message other participants & request meetings
- Website: <https://energy-catalyst-networking.b2match.io/>



ENERGY CATALYST

What Makes a Good Application?



Building a Consortium: Who should you partner with?



Innovate UK
KTN



Selecting Partners



Innovate UK
KTN



What To Look For?

If in-country Research & Development or Testing or Demonstration is a requirement...

- What country do you intend to work in?
- How well do you understand the regulations and the governance arrangements?
- Do you have access to suitable facilities or environments?
- Do you have a UK-based partner (lead administrator)?

Remember - you **must intend to use the results** to deliver clean energy access in Sub-Saharan Africa, South Asia or the Indo-Pacific region

- (Does your choice of partner(s) help you demonstrate this is likely?)



What To Look For?

- Credibility
- Legal Entity (Business, Research Entity, Third Sector)
- Trading history?
- Previous experience of similar undertakings?
- Capacity to deliver?
- Contextual Relevance and Local Adaptability?



Does It Feel Right?

- Can you see yourself working with these people for months or years?
- Can you see your partners working with each other for months or years?
- Even when things get tricky and there are problems?
- Really? *Great!*

BUT also...

- Do you have the same (or compatible) objectives?
- How well do they present themselves? How enthusiastic are they?
- Does their story 'ring true'? How is their grasp of detail?





What Makes a Good Application?

1. Alignment to the competition scope
2. Innovation
3. A strong business case
4. A convincing value proposition
5. A credible plan for Research and Development
6. The right consortium
7. A clear need for support
8. The right kind of risk

Above all, make sure you write an application that excites and inspires!



Writing the Submission

- **Answer the question asked**, not the one you want to answer!
- Remember that **assessors are human beings: tell a story**
- Assessors are looking for reasons to award marks: **make it easy for them**
 - Reflect the **language** of the competition scope
 - **Substantiate** any claims



Writing the Submission

- **Ask someone else** to listen to a draft of the application
 - This technology/project may be your life's work, but you need to **describe it to someone that has never heard of it before**
- Ask **someone else** to read a draft
 - This will help you spot spelling or grammar mistakes and unclear statements.
- **Re-read the competition scope** before you read your draft. Does it match?
- **Risk and Reward!**



ENERGY CATALYST

How to Apply?



Search for a funding competition and review criteria

This competition is split into 3 strands:

- [Energy Catalyst Round 9 – Early Stage](#)
- [Energy Catalyst Round 9 – Mid Stage](#)
- [Energy Catalyst Round 9 – Late Stage](#)

Innovation competitions

Filter competitions **5 competitions**

Keywords

Innovation area

[Update results](#)

Energy Catalyst Round 9 – Mid Stage

Organisations can apply for a share of up to £20 million to create new or improved clean energy access in sub-Saharan Africa, South Asia or the Indo-Pacific regions.

Eligibility
This competition is open to collaborative applications only.

To be eligible for funding you can be from any country, and must be a:

- business of any size

to collaborative applications only.

you can be from any country, and must be a:

- non-governmental organisation (NGO)

You must involve at least one [micro, small or medium-sized enterprise](#) (SME).

Open now
Opened: 18 May 2022
Closes: 10 August 2022

Summary Eligibility Score Dates How to apply Supporting information

Description

Innovate UK, part of UK Research and Innovation, will work with the Foreign Commonwealth and Development Office (FCDO) and the Department for Business, Energy and Industrial Strategy (BEIS) as part of the Ayrton Fund to invest up to £20 million in innovation projects.

The aim of this competition is to accelerate the innovations needed to create new or improved clean energy access in sub-Saharan Africa, South Asia or Indo-Pacific regions. This will create a just and inclusive energy transition and extend the benefits of clean energy to all to meet [sustainable development goals \(SDGs\) 7 'Affordable and clean energy' and 13 'Climate action'](#).

Your proposal must focus on:

- improving energy access in [official development assistance \(ODA\)](#) eligible countries in sub-Saharan Africa, South Asia and Indo-Pacific regions
- have a technology or business model which is affordable, reliable and low carbon
- consider the role of gender equality and social inclusion (GESI)

<https://energycatalyst.ukri.org/>



Innovate UK
KTN



Admin Lead: Create an Account

The admin lead must create an account:

- **UK registered businesses** can use Companies House lookup as it speeds up our checks by providing your company number. You are unable to enter this at a later date.
- **Research organisations, academics and universities** should enter their information manually so you are not listed as a business on IFS and ensure you receive the correct funding.

GOV.UK Innovation Funding Service

BETA This is a new service – your [feedback](#) will help us to improve it.

◀ Back

Create your account

Your organisation

i Your organisation must be UK based to receive funding from Innovate UK

Business

Find your organisation on Companies House
Enter your organisation name or registration number

Companies House search results
Select your organisation from the options below

[NOMENSA LTD](#)
04214477 - Incorporated on 10 May 2001
13 Queen Square, Bristol, BS1 4NT

GOV.UK Innovation Funding Service

BETA This is a new service – your [feedback](#) will help us to improve it.

◀ Back

Please sign in or create an account

Used this service before?
Please sign into your Innovation Funding Service account.

New to this service?
If you haven't used the new Innovation Funding Service before you will need to create an account.

Innovation Funding Service

Sign in

Email address
Please enter your email address.

Password
Please enter your password.

▼ [Need help signing in or creating an account?](#)

My email and/or password isn't working

If you applied previously using the old service, you will need to create a new account.

[Forgotten your password?](#)

Project Details

Application Team - Collaborators can invite organisations who you are working with on the project. Contributors can invite colleagues from your own organisation to help you complete your application

Application Details - Title, timescales, research category, innovation area and previously submitted application (y/n)

Subsidy Basis - Will the project, including any related activities, you want Innovate UK to fund, affect trade between Northern Ireland and the EU? All participants must complete this section.

Equality, Diversity and Inclusion - External survey to complete

Project Summary - Short summary and objectives of the project including what is innovative about it

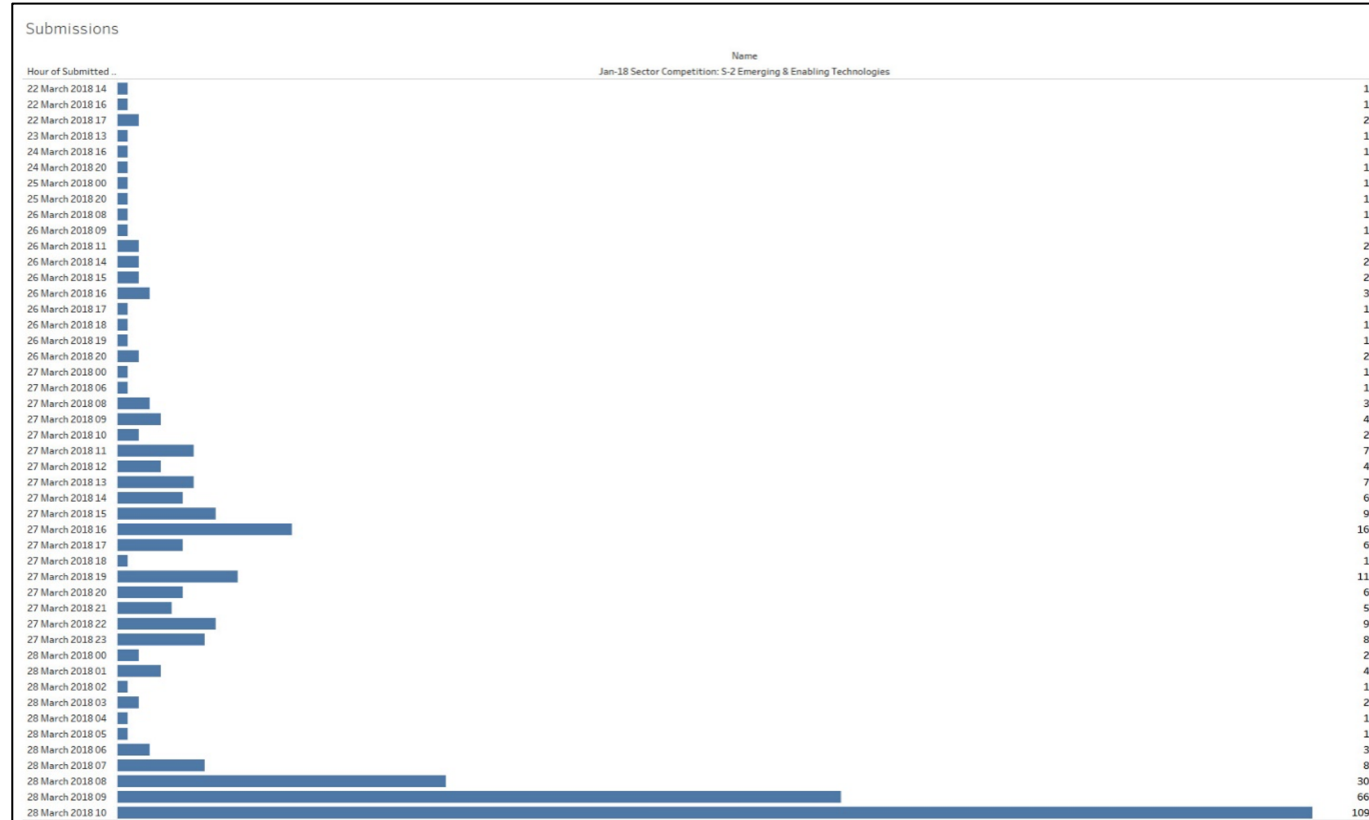
Public Description - Description of your project which will be published if you are successful

Scope - How does your project align with the scope of this competition? - If your project is not in scope, it will be ineligible for funding



Submit Your Application!

Customer Support can help resolve any issues you might have when submitting but only if they are contacted before the deadline. Once the deadline has passed, your application cannot be submitted.



ENERGY CATALYST

Assessment



How do our assessors assess?

www.impa.gov.uk/org

0300 071 4157



How are successful applications selected for funding?

www.improvement.edu.org

1-800-311-4457



ENERGY CATALYST

Successful Applicants



How Do You Know If You Are Successful?

If you are unsuccessful in this competition

- You can use the feedback from the assessors to develop your idea and apply into another competition that allows previously submitted applications

If you are successful in this competition

- You will be assigned a Delivery Executive who will guide you through the Project Set Up process
- You will have 7 days to complete the project team, project details and bank details
- You will then have 90 days to complete project set up – funding may be withdrawn if this is not completed within this timeframe

Please ensure all your contact details in the IFS portal are correct and up to date and that you regularly monitor it.



Key Dates

Timeline	Dates
Competition Opens	18 May 2022
Briefing Events	25 th May (UK); 23 rd June (Nigeria), 27 th June (South Africa) and 28 th June (Kenya), 2022
Submission Deadline	10 August 2022, 11:00 BST/ 12:00 SAST
Applicants informed	21 October 2022



ENERGY
CATALYST

Energy Catalyst Case Studies.



Thomas Bundi

Quality Engineer, Strathmore Energy Research Centre



Thomas has over six years' experience working in the renewable energy sector in the region. He has keen interest in sustainable energy generation and its efficient use of through capacity building activities, multidisciplinary research, design and standardization and using industry best practice guidelines.

At Strathmore University he is an instructor in solar photovoltaics and has led various projects on solar power system development, energy storage, electric mobility, solar cooling & refrigeration and productive uses of renewable energy.

Tom Harrison

Director, OakTec Ltd.

Placeholder for Tom's Bio

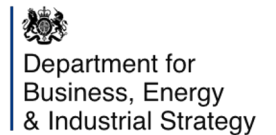
ENERGY CATALYST

Q&A Session.



ENERGY CATALYST

Closing Remarks.



**ENERGY
CATALYST**

Thank You!

**You are welcome to join
us for a networking
breakfast!**



ENERGY CATALYST

What Makes a Good Application?



Building a Consortium: Who should you partner with?



Selecting Partners

- The competition-specific eligibility criteria are the *minimum* that you need to satisfy, but...
- ...do not simply go in hunt of partners that allow you to 'tick a box'
- Each partner must **add value** to the consortium
 - Explain what that value is and why they are best-placed to deliver it



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Innovate UK
KTN



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ENERGY CATALYST

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Search for a funding competition and review criteria

This competition is split into 3 strands:

- [Energy Catalyst Round 9 – Early Stage](#)
- [Energy Catalyst Round 9 – Mid Stage](#)
- [Energy Catalyst Round 9 – Late Stage](#)

Innovation competitions

Filter competitions **5 competitions**

Keywords

Innovation area

[Update results](#)

Energy Catalyst Round 9 – Mid Stage

Organisations can apply for a share of up to £20 million to create new or improved clean energy access in sub-Saharan Africa, South Asia or the Indo-Pacific regions.

Eligibility
This competition is open to collaborative applications only.

To be eligible for funding you can be from any country, and must be a:

- business of any size

to collaborative applications only.

you can be from any country, and must be a:

- non-governmental organisation (NGO)

You must involve at least one [micro, small or medium-sized enterprise \(SME\)](#).

Open now
Opened: 18 May 2022
Closes: 10 August 2022

Summary [Eligibility](#) [Score](#) [Dates](#) [How to apply](#) [Supporting information](#)

Description

Innovate UK, part of UK Research and Innovation, will work with the Foreign Commonwealth and Development Office (FCDO) and the Department for Business, Energy and Industrial Strategy (BEIS) as part of the Ayrton Fund to invest up to £20 million in innovation projects.

The aim of this competition is to accelerate the innovations needed to create new or improved clean energy access in sub-Saharan Africa, South Asia or Indo-Pacific regions. This will create a just and inclusive energy transition and extend the benefits of clean energy to all to meet [sustainable development goals \(SDGs\) 7 'Affordable and clean energy' and 13 'Climate action'](#).

Your proposal must focus on:

- improving energy access in [official development assistance \(ODA\)](#) eligible countries in sub-Saharan Africa, South Asia and Indo-Pacific regions
- have a technology or business model which is affordable, reliable and low carbon
- consider the role of gender equality and social inclusion (GESI)

<https://energycatalyst.ukri.org/>



Innovate UK
KTN



Admin Lead: Create an Account

The admin lead must create an account:

- **UK registered businesses** can use Companies House lookup as it speeds up our checks by providing your company number. You are unable to enter this at a later date.
- **Research organisations, academics and universities** should enter their information manually so you are not listed as a business on IFS and ensure you receive the correct funding.

GOV.UK Innovation Funding Service

BETA This is a new service – your [feedback](#) will help us to improve it.

← Back

Create your account

Your organisation

i Your organisation must be UK based to receive funding from Innovate UK

Business

Find your organisation on Companies House
Enter your organisation name or registration number

Companies House search results
Select your organisation from the options below

[NOMENSA LTD](#)
04214477 - Incorporated on 10 May 2001
13 Queen Square, Bristol, BS1 4NT

GOV.UK Innovation Funding Service

BETA This is a new service – your [feedback](#) will help us to improve it.

← Back

Please sign in or create an account

Used this service before?
Please sign into your Innovation Funding Service account.

New to this service?
If you haven't used the new Innovation Funding Service before you will need to create an account.

Innovation Funding Service

Sign in

Email address
Please enter your email address.

Password
Please enter your password.

▼ [Need help signing in or creating an account?](#)

My email and/or password isn't working

If you applied previously using the old service, you will need to create a new account.

[Forgotten your password?](#)

Project Details

Application Team - Collaborators can invite organisations who you are working with on the project. Contributors can invite colleagues from your own organisation to help you complete your application

Application Details - Title, timescales, research category, innovation area and previously submitted application (y/n)

Subsidy Basis - Will the project, including any related activities, you want Innovate UK to fund, affect trade between Northern Ireland and the EU? All participants must complete this section.

Equality, Diversity and Inclusion - External survey to complete

Project Summary - Short summary and objectives of the project including what is innovative about it

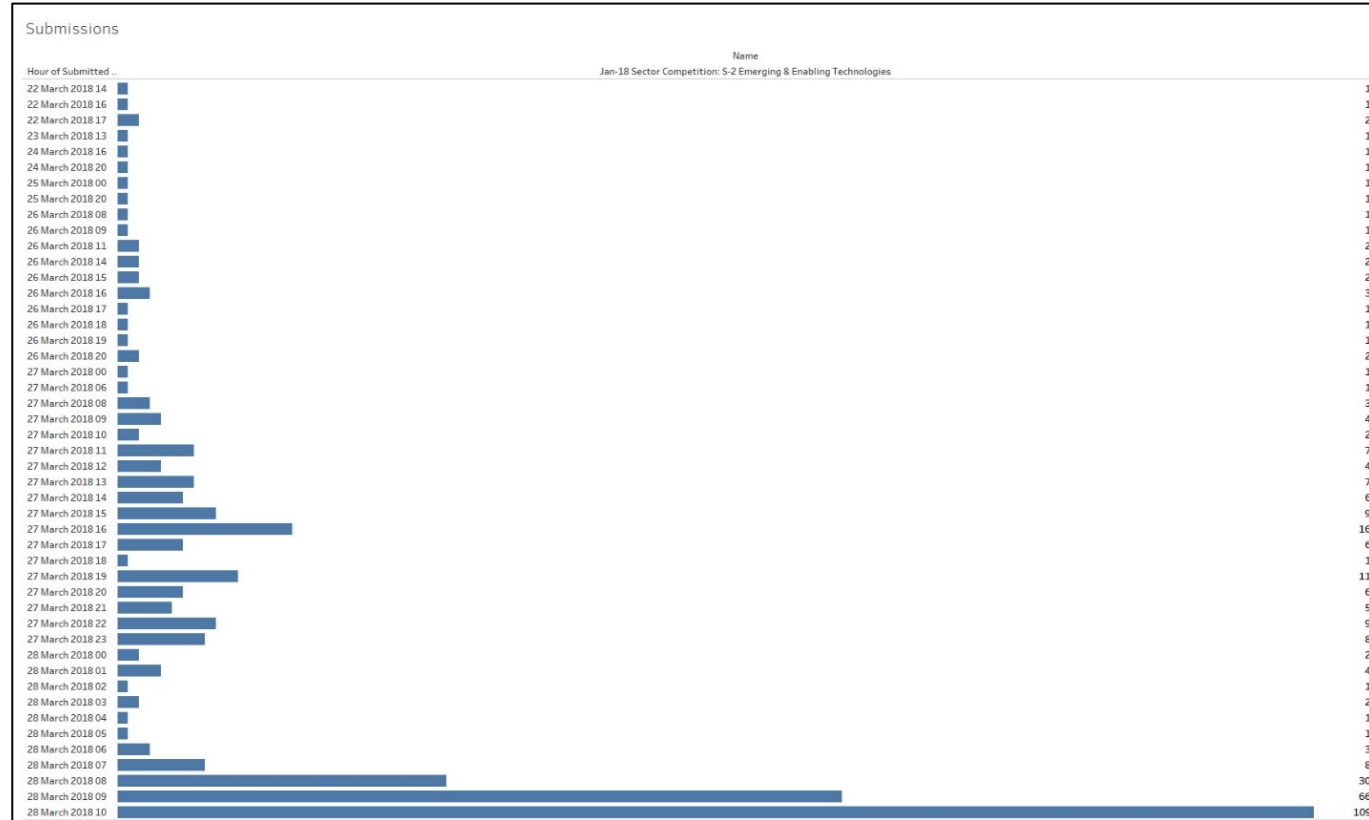
Public Description - Description of your project which will be published if you are successful

Scope - How does your project align with the scope of this competition? - If your project is not in scope, it will be ineligible for funding



Submit Your Application Early!

Customer Support can help resolve any issues you might have when submitting but only if they are contacted before the deadline. Once the deadline has passed, your application cannot be submitted.



ENERGY CATALYST

Assessment



How do our assessors assess?

www.impa.gov.uk/uk/eng

0300 071 4167



How are successful applications selected for funding?

www.improvement.edu.org

1-800-311-4457



ENERGY CATALYST

Successful Applicants



How Do You Know If You Are Successful?

If you are unsuccessful in this competition

- You can use the feedback from the assessors to develop your idea and apply into another competition that allows previously submitted applications

If you are successful in this competition

- You will be assigned a Delivery Executive who will guide you through the Project Set Up process
- You will have 7 days to complete the project team, project details and bank details
- You will then have 90 days to complete project set up – funding may be withdrawn if this is not completed within this timeframe

Please ensure all your contact details in the IFS portal are correct and up to date and that you regularly monitor it.



Key Dates

Timeline	Dates
Competition Opens	18 May 2022
Briefing Events	25 th May (UK); 23 rd June (Nigeria), 27 th June (South Africa) and 28 th June (Kenya), 2022
Submission Deadline	10 August 2022, 11:00 BST
Applicants informed	21 October 2022



ENERGY CATALYST

Energy Catalyst Virtual Brokerage: How to use b2match effectively





18 May 2022 - 10 August 2022
United Kingdom

Energy Catalyst International Brokerage

[Home](#) [Eligibility](#) [How it works](#) [Timeline](#) [About us](#) [Contact](#) [FAQ](#) [Recorded Sessions](#)

Energy Catalyst Virtual Brokerage

Join the virtual brokerage to find partners for your Innovate UK Energy Catalyst Round 9 application.

From May through to August, this website will host a series of webinars and 1:1 virtual meetings to discuss project opportunities and facilitate introductions between organisations to help provide clean, affordable and secure energy in sub-Saharan Africa, South Asia and the Indo-Pacific Region.

The aim of these webinars and the virtual Marketplace is to help organisations gain an understanding of the energy access issues in a particular country and to develop equitable partnerships leading to a collaborative application for Energy Catalyst Round 9.

Round 9 of Energy Catalyst is open now, with further information available via this link: <https://apply-for-innovation-funding.service.gov.uk/competition/1173/overview>

To register for our Competition Briefing Session on Wednesday, 25th May 2022, please visit: <https://ktn-uk.org/events/energy-catalyst-briefing-launch-and-brokerage-events/> - this session will detail the competition scope and eligibility alongside how to apply and the support available to you in preparing your application.

Energy Catalyst Round 9 makes available up to £20m to support businesses to develop

Register now

Open until 10 August 2022

LOCATION

United Kingdom

ORGANISED BY

ENERGY
CATALYST



Marketplace

Your virtual shop window - the higher the quality, the more participants will be interested in talking to you!

- Profile – Expertise, Project Cooperation or Request
 - Everything must be clear & coherent
- Advantages and innovative aspects
- Specific requirements and requests, sufficient detail for a potential partner to know whether they can help
- Role of the partner



**Jens Böhm**

Innovation & Growth Specialist at Innovate UK
EDGE
Manchester, United Kingdom

[Edit my profile](#)[View my profile](#)

Overview

[My availability](#)[My opportunities](#)[Company representatives](#)[Organizer questions](#)[Account settings](#)[Logout](#)

Your local support office

Innovate UK EDGE (North)

Jens Böhm

+44 (0) 1925 607 040

jens.boehm@rtcnorth.co.uk

<https://www.innovateukedge.ukri.org/>

Booking phase has started!

You haven't requested any meetings yet. The number of available time slots is limited. You can request or accept up to 100 meetings. The booking phase closes on **August 10, 2022**.

[Book meetings now](#)**I**

Application Support / Authority/Government

Innovate UK EDGE

Innovate UK EDGE is a key part of the UK innovation agency's deep investment in the pioneering businesses that drive economic growth. It is a publicly-funded service available to all high potential small to medium sized innovation-driven companies, including Innovate UK grant winners.

Innovators are motivated to improve the ways we live and work. We support those building scalable businesses to achieve their goals, in every sector and from seed to scale stage. Our innovation and growth specialists are at the centre of our service. Each client engagement results in a bespoke strategy but common priorities include:

- Exploiting business innovation: Developing a commercial strategy and building a team to deliver it; protecting & harnessing your IP; improving innovation management & accessing the innovation ecosystem globally
- Sourcing funding and finance: Applying the right strategy to secure grants and capital for your business, enhancing investor appeal and getting investment ready to propel your growth
- Opening new markets: Creating connections to partners & leveraging insights to expand into vertical & international markets and achieve scale

Often these priorities are closely linked, especially in the case of scaling businesses which must align all business functions to achieve a step change in growth. Our Scaleup Programme prepares companies who have already benefited from our high growth service and other innovation-driven businesses with 50%+ growth potential for just such a transformation.

TECHNOLOGY INTERESTS

[Other](#)



Innovate UK EDGE

Authority/Government | Manchester, United Kingdom

OVERVIEW

MARKETPLACE

Create an opportunity

Cancel



Project Cooperation

Add this if you are interested in finding a partner for your project.



Expertise

Add your area of expertise and describe what you can offer to other participants.



Request

Add if you have anything specific you are looking for.

Event organiser



Help

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[Privacy policy](#)

[Cookie settings](#)

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 Authority/Government | Manchester, United Kingdom

OVERVIEW **MARKETPLACE**

New Project Cooperation

TITLE *

This field is required.

DESCRIPTION *

(0/5000)

PROJECT STAGE

Early Stage Mid-Stage Late Stage

TOPIC

Bio Energy Business Model Design Clean Cooking Cooling Demand Side Technologies Energy Efficiency
 Gender and Social Inclusion Grid Networks Heating Hydrogen and Fuel Cells Mini Grid
 Official Development Assistance (ODA) Solar Storage Wave and Tidal Wind Other

CALL

East Africa Central Africa West Africa Southern Africa South Asia Indo-Pacific Region Other

TYPE OF COOPERATION SOUGHT

Project Lead Project Partner Administrative Lead Test or Demonstration Site

IMAGE UPLOAD

Add image
Maximum upload file size: 22MB.

FILE UPLOAD

Click here to upload or drag and drop files...
Maximum upload file size: 22MB.

VIDEO

Add video

[← Back](#) [Cancel](#) [Save](#)

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OVERVIEW **MARKETPLACE**

New Expertise

TITLE *

This field is required.

DESCRIPTION *

(0/5000)

FIELDS OF EXPERTISE

Bio Energy Business Model Design Clean Cooking Cooling Demand Side Technologies Energy Efficiency
 Gender and Social Inclusion Grid Networks Heating Hydrogen and Fuel Cells Official Development Assistance (ODA)
 Solar Storage Wave and Tidal Wind Other

IMAGE UPLOAD

Add image
Maximum upload file size: 22MB.

FILE UPLOAD

Click here to upload or drag and drop files...
Maximum upload file size: 22MB.

VIDEO

Add video

[← Back](#) [Cancel](#) [Save](#)

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 Authority/Government | Manchester, United Kingdom

OVERVIEW **MARKETPLACE**

[↑](#) [↓](#) [📄](#) [✎](#)

🚨 The organiser will review this opportunity before it gets published.

PROJECT COOPERATION

Example Project Cooperation

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

JB Jens Böhm May 14, 2022

[↑](#) [↓](#) [📄](#) [✎](#)

🚨 The organiser will review this opportunity before it gets published.

EXPERTISE

Example Expertise

Contrary to popular belief, Lorem Ipsum is not simply random text. It has roots in a piece of classical Latin literature from 45 BC, making it over 2000 years old. Richard McClintock, a Latin professor at Hampden-Sydney College in Virginia, looked up one of the more obscure Latin words, consectetur, from a Lorem Ipsum passage, and going through the cites of the word in classical literature, discovered the undoubtable source. Lorem Ipsum comes from sections 1.10.32 and 1.10.33 of "de Finibus Bonorum et Malorum" (The Extremes of Good and Evil) by Cicero, written in 45 BC. This book is a treatise on the theory of ethics, very popular during the Renaissance. The first line of Lorem Ipsum, "Lorem ipsum dolor sit amet..", comes from a line in section 1.10.32.

JB Jens Böhm May 14, 2022

[↑](#) [↓](#) [📄](#) [✎](#)

🚨 The organiser will review this opportunity before it gets published.

REQUEST

Your virtual shop window

This is your virtual shop window - the higher the quality, the more participants will be interested in talking to you! Do provide sufficient info about your organisation and create at least one entry for the Marketplace (Expertise, Project Cooperation, Request, etc.). Please indicate in detail what you can offer to others to help them further their activities and/or what you would like to gain in order to further your own organisation's activity.

So what makes a good presence on the Marketplace? A couple of questions to keep in mind:

1. Is your expertise, project cooperation or request, clear? Are all the paragraphs coherent?
2. Are the advantages and innovative aspects of your expertise or project cooperation offer clearly explained? Are they clearly described in relation to competing projects on the market? Is your competitive advantage clearly stated? Are your specific requirements and requests clearly formulated, with sufficient detail for a potential partner to know whether they can help?
3. Please assure a good level of linguistic accuracy and avoid using slang. For many participants English is not their first language.
4. Is the role of the partner explained?

If you have any questions regarding your profile or the Matchmaking in general please contact your local Innovate UK EDGE partner or one of the event organisers. We're here to help!

JB Jens Böhm May 14, 2022

Agenda



All session types

NIGERIA INNOVATE UK MALAWI RWANDA KENYA NEPAL TRAINING INDONESIA

EVENT AGENDA MY AGENDA

All times are displayed in the event time zone (Europe/Zagreb, currently: 13:27). [Change to recommended time zone \(your time zone\)](#)

Wednesday, May 25, 2022

09:00 - 16:00

Energy Catalyst (Round 9) Briefing Event

ONLINE

Add

 Join Online Session

Event organiser



Help

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Participants

Relevance 

39 Participants found

Search 

- BOOKMARKED 
- MATCHMAKING
- PARTICIPATION TYPES
- ORGANIZATION TYPES
- AREAS OF ACTIVITIES
- COUNTRIES
- COMPETITION MANAGEMENT



Jens Böhm

Innovation & Growth Specialist at Innovate UK EDGE
MANCHESTER, UNITED KINGDOM

[View organisation profile](#) →



David O

Founder at Tribes Capital
LONDON, UNITED KINGDOM

[View organisation profile](#) →



[Request meeting](#)



Kirsty Hinchliffe

Projects and Grant Manager at FeTu Limi...
HALIFAX, UNITED KINGDOM

[View organisation profile](#) →



[Request meeting](#)



Amy Flynn

Innovate UK
SWINDON, UNITED KINGDOM

[View organisation profile](#) →



[Request meeting](#)



Huilian Liao

Senior Lecturer, consultant at Sheffield H...
SHEFFIELD, UNITED KINGDOM

[View organisation profile](#) →

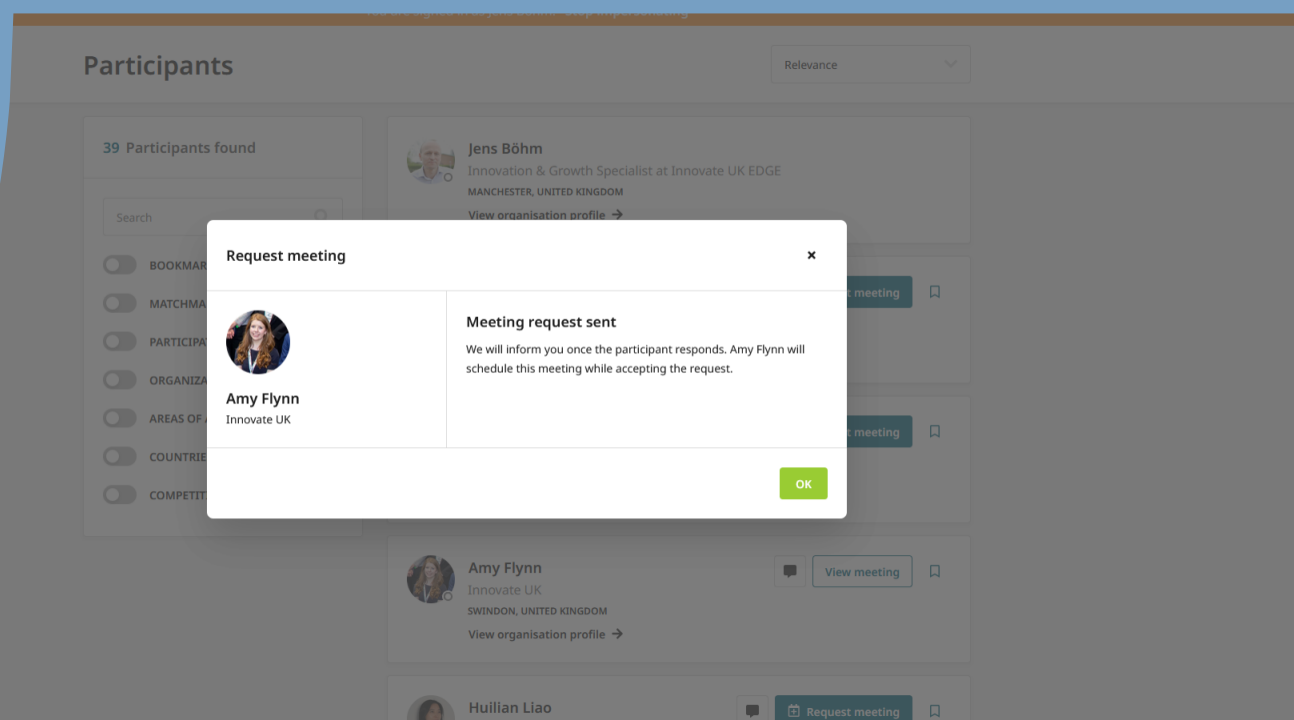
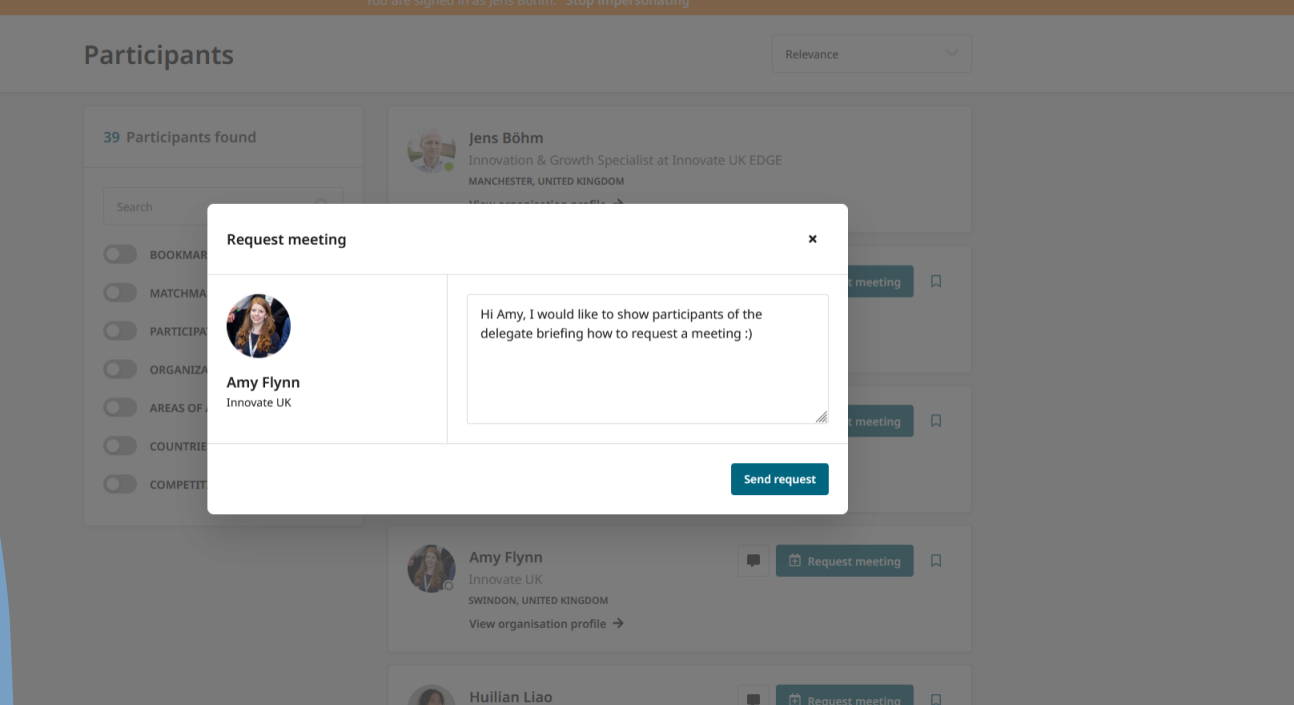


[Request meeting](#)



Request Meetings

- Be proactive
- Meetings will be scheduled by the recipient and can be moved/rescheduled
- Use the Marketplace to find out about specific projects, expertise and requests



Marketplace

Add an Opportunity

6 Opportunities found

PROJECT COOPERATION (5)

EXPERTISE (1)

PROJECT COOPERATION

Updated on May 24, 2022

Electricity mini-grids in rural Sub-Saharan Africa

We can provide micro hydropower electricity mini-grid installations in rural communities of Sub-Saharan Africa, south-east Asia and Latin America.

Other Cooling Mini Grid South Asia Early Stage East Africa +6



Martyn Cowsill

Director at MicroGen Renewables (Oldham, United Kingdom)



Request meeting

PROJECT COOPERATION

Updated on May 24, 2022

Watto

Watto is a clean energy innovation developed by an African engineer while working in rural Africa. As a father of three girls, it was designed out of the frustration seeing rural villagers living amongst abundant energy sources but do not have the tech...



Early Stage East Africa +3



Hanlie Wessels

CEO at Watto by Impact Business Development (Centurion, South Africa)



Request meeting

PROJECT COOPERATION

Updated on May 24, 2022

Manufacturer's of Solar , wind, biogas, Energ...

We seek cooperation for Renewable energy manufacturer's





1:1 Meetings

Camera and microphone test

My meetings

ALL 1 ACCEPTED 1 PENDING 0 CANCELED 0

AVAILABILITY

All times are displayed in the event time zone (Europe/Zagreb, currently: 15:26). [Change to recommended time zone \(your time zone\)](#)

Next meetings

Jens Böhm, Innovation & Growth Specialist at Innovate UK EDGE
 Amy Flynn, Innovate UK

🕒 09:15 - 09:30
📅 Wednesday, May 25
🎥 Online Video Meeting

MEETING SCHEDULED

Cancel

Reschedule

Invite guests

Starts in 18 hours

Event organiser



Help

[Terms of service](#)
[Privacy policy](#)

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Summary

- Your virtual shop window
- Create a clear and concise profile to raise your visibility
- Be active not reactive;
- Attend webinars, regularly browse the agenda for additions and updates
- Browse profiles to find out who is offering interesting opportunities
- Make yourself available for meetings!
- Message other participants & request meetings
- Website: <https://energy-catalyst-networking.b2match.io/>



ENERGY CATALYST

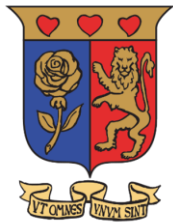
Thank You!

Please feel free to follow up with any queries or feedback to energycatalyst@innovateuk.ukri.org or energycatalyst@carbontrust.com



Energy Catalyst: Launch and Brokerage Event

Thomas Bundi
28th June 2022



Strathmore University

Energy Research Centre



Strathmore Energy Research Centre



Based in Strathmore University

Preferred centre for research, training and project development in renewable energy and energy efficiency in East Africa



Faculties and Schools

- Strathmore Institute of Management and Technology (SI)
- School of Computing and Engineering Sciences (SCES)
- Strathmore Institute of Mathematical Sciences (SIMS)
- School of Humanities and Social Sciences (SHSS)
- School of Tourism and Hospitality (STH)
- Strathmore Business School (SBS)
- Strathmore Law School (SLS)

Research and Innovation

- @iLabAfrica
- Strathmore Energy Research Centre (SERC)
- Institute for Family Studies and Ethics
- Institute for Advanced Studies in International Criminal Justice
- Strathmore Extractives Industry Centre
- Centre for Intellectual Property and Information Technology Law
- Centre for Research in Education
- Strathmore Dispute Resolution Centre
- Strathmore Research & Consultancy Centre
- Strathmore Centre for Law and Policy
- Institute of Healthcare Management
- Strathmore Institute for Policy and Government

SERC's Focus Areas

TRAINING

- Renewable Energy And Energy Efficiency
- Energy Management
- Energy Planning
- Training of Trainers
- Curriculum Development

RESEARCH

- Energy Transition
- Productive Uses of Renewable Energy
- Electric Mobility
- Energy Planning and Modelling
- Bioenergy/Biomass
- Clean Cooking
- Solar Cooling and Refrigeration
- Energy Policy

CONSULTANCY

- Feasibility studies for RE projects
- Customized Training
- Project Development

STANDARDS

- Quality Assurance Standards
- Development
- Solar Component and Systems Testing
- Power Quality Analysis

Energy Catalyst Journey

Zero Emission - Water to Water, Energy Generation and Storage

- Steamology Motion Limited – Lead Applicant
- Strathmore Energy Research Centre – Implementing Partner (RTO)
 - Kenya Climate Innovation Centre (KCIC)
 - Women in Sustainable Energy and Entrepreneurship (WISEe)
- EC7, Mid-stage, Two-year project from 2020 – 2022
- SERC now understands the application process, technical and financial reporting for a successful EC project.



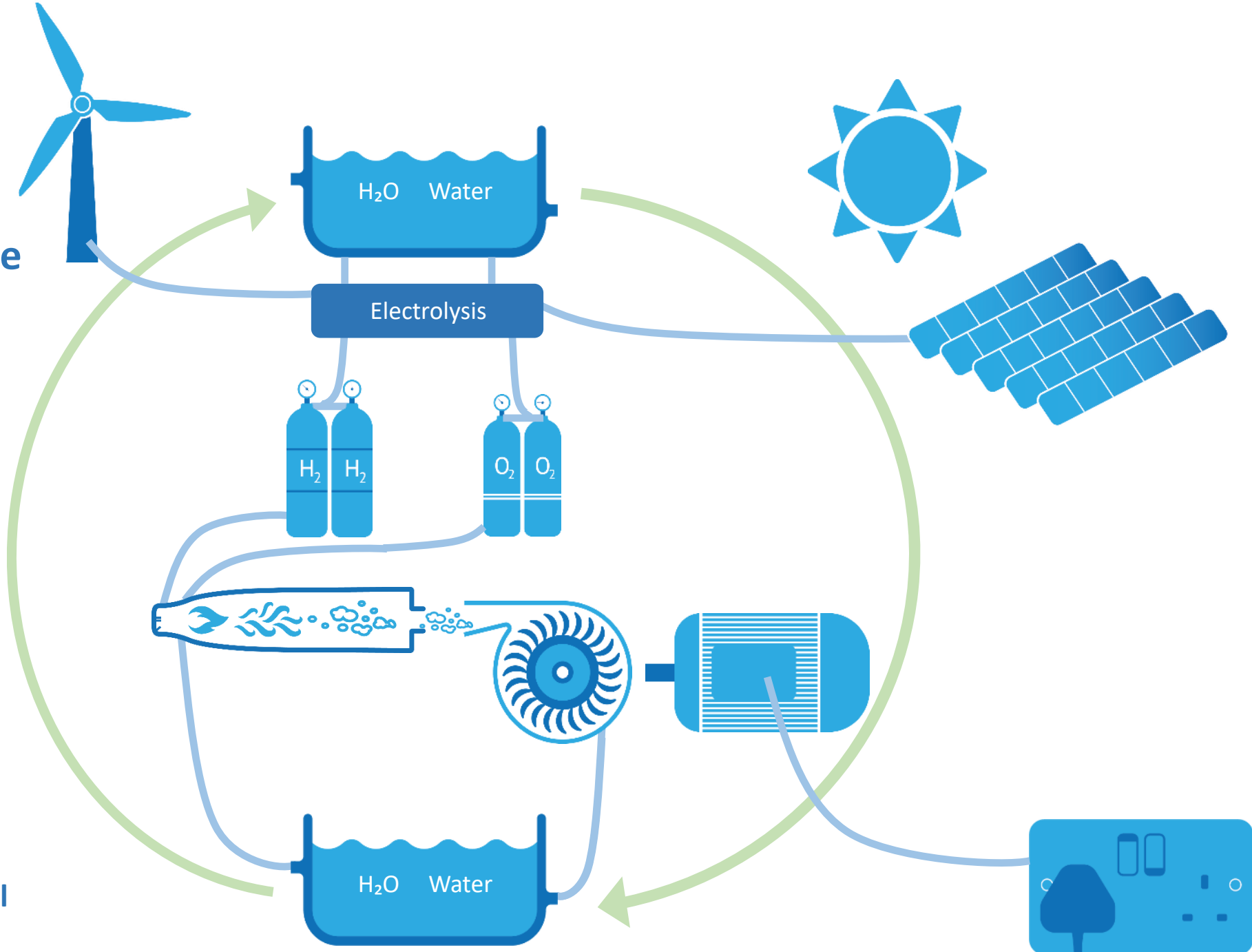
“...set five new world records achieving
148.166mph...in California 2009...”



“...transforming water into
power...”



Zero Emissions Power Generation and Storage



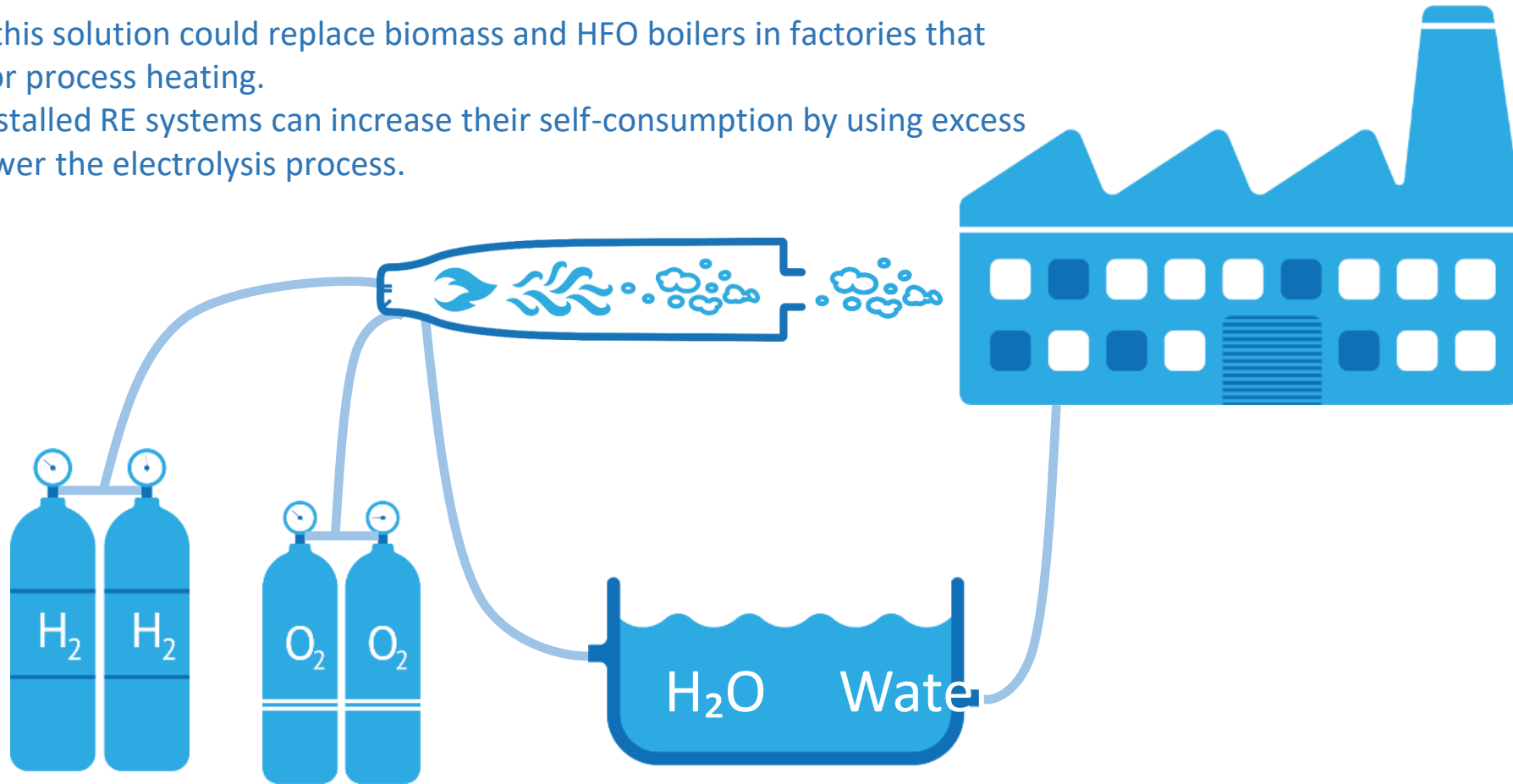
Water to Water W2W cycle

Renewable energy to electrical generation and storage

Gas to Steam

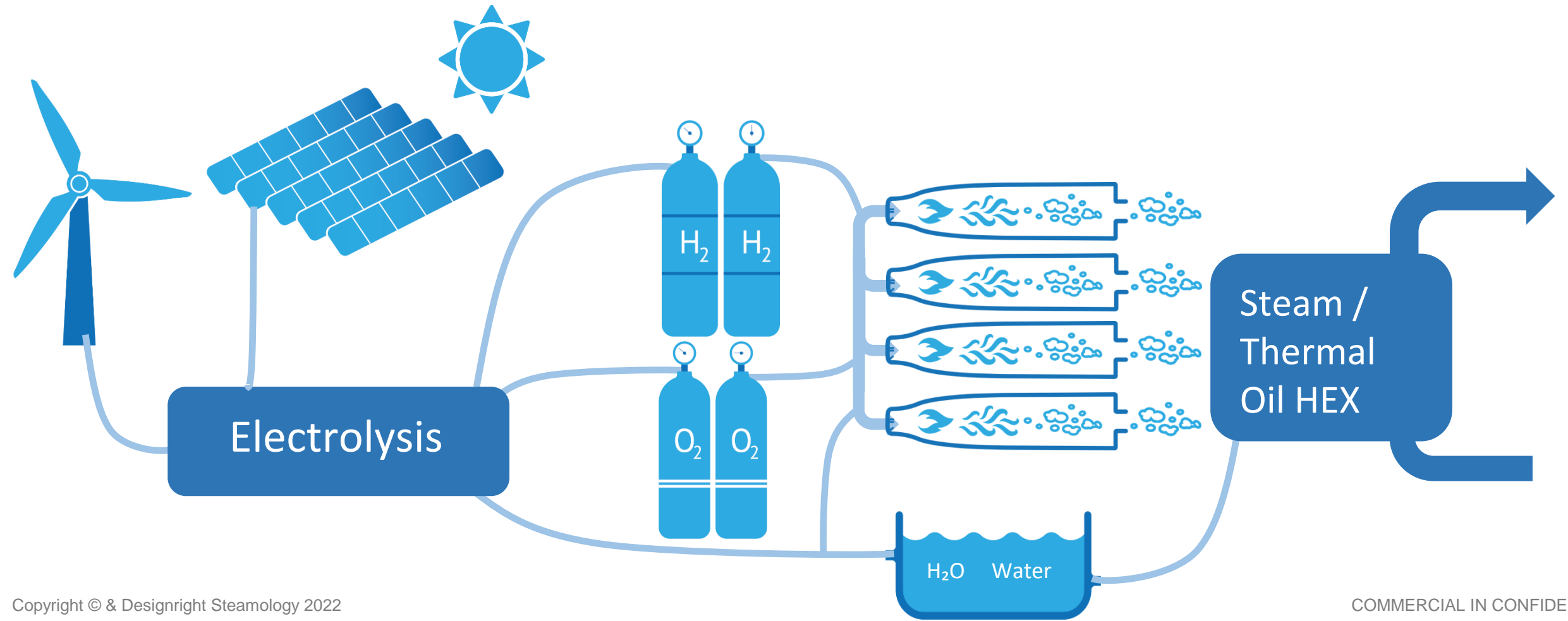
With clean gas, this solution could replace biomass and HFO boilers in factories that require steam for process heating.

Facilities with installed RE systems can increase their self-consumption by using excess electricity to power the electrolysis process.



Zero Emission Industrial Thermal Oil Heating

Renewable Wind and Solar PV powers electrolysis providing hydrogen and oxygen gas to buffer storage.
Hydrogen and oxygen fuels Steamology steam generators providing clean heat to thermal oil circuit



Gas to Power

Zero emission - No CO₂, NOX, SOX, or particulates

High power and torque - 10kW to 1MW range, scalable and modular units

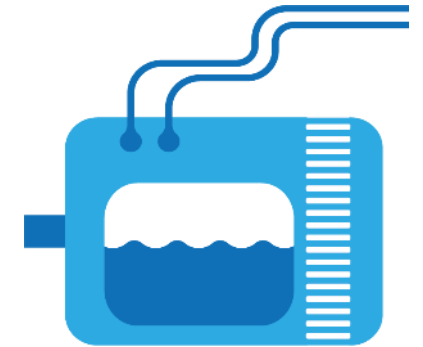
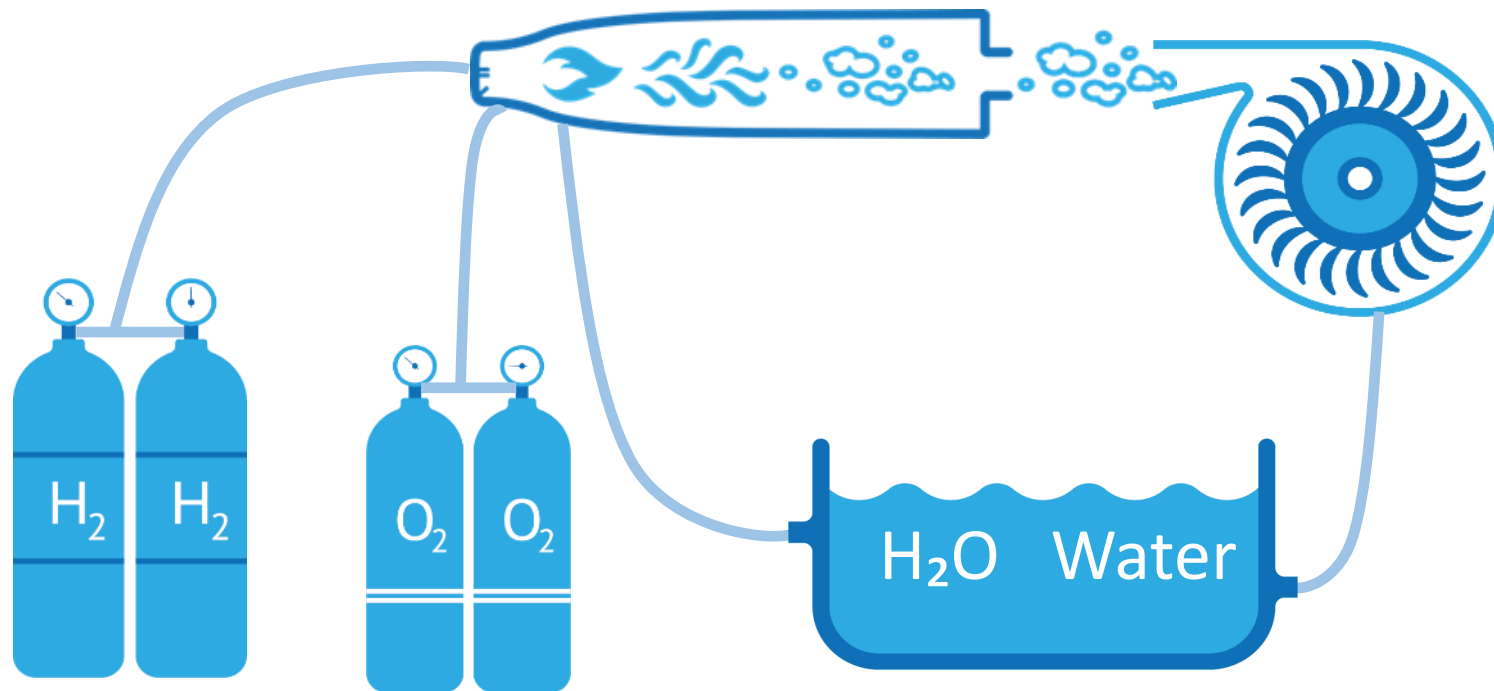
Low noise and thermal signature - Quiet vibration free operation, low temperature signature

Operating temperature agnostic - Functional in a wide range of environments

Low maintenance - Few moving parts made of standard engineering materials

No loss of performance over charging cycles – Long life and service interval

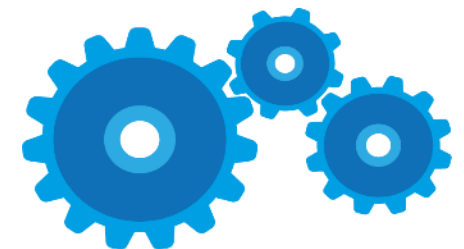
No toxic or scarce materials – No Pb, Sb, Cd, Li or rare earth elements



Hydraulic power



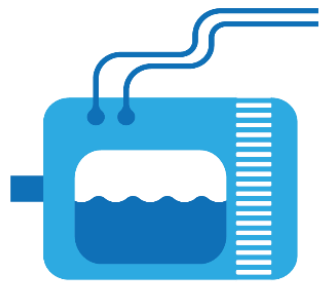
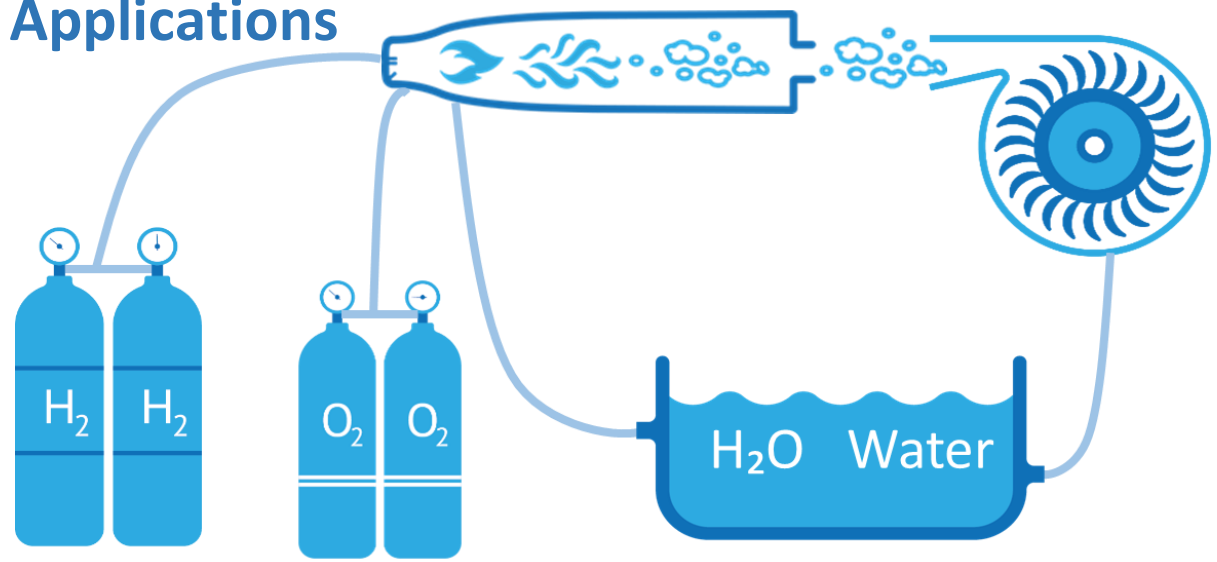
Electric power



Mechanical power



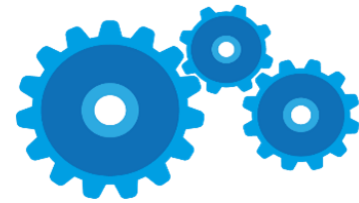
Gas to Power Applications



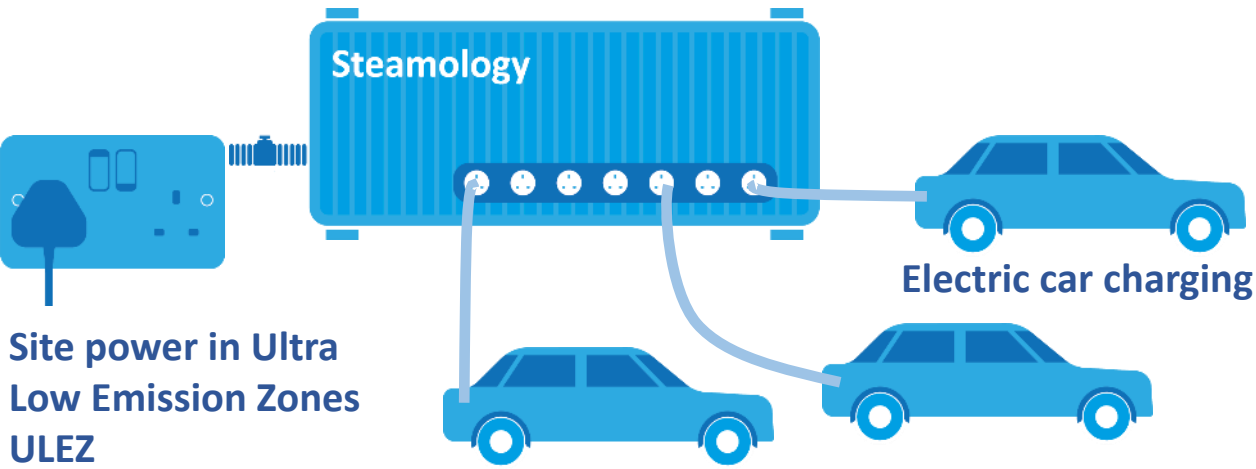
Hydraulic power



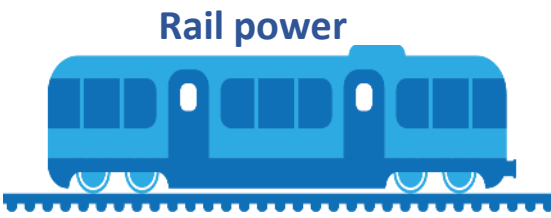
Electric power



Mechanical power



Site power in Ultra Low Emission Zones ULEZ



Rail power



Construction power



Haulage power



Marine power

System Build





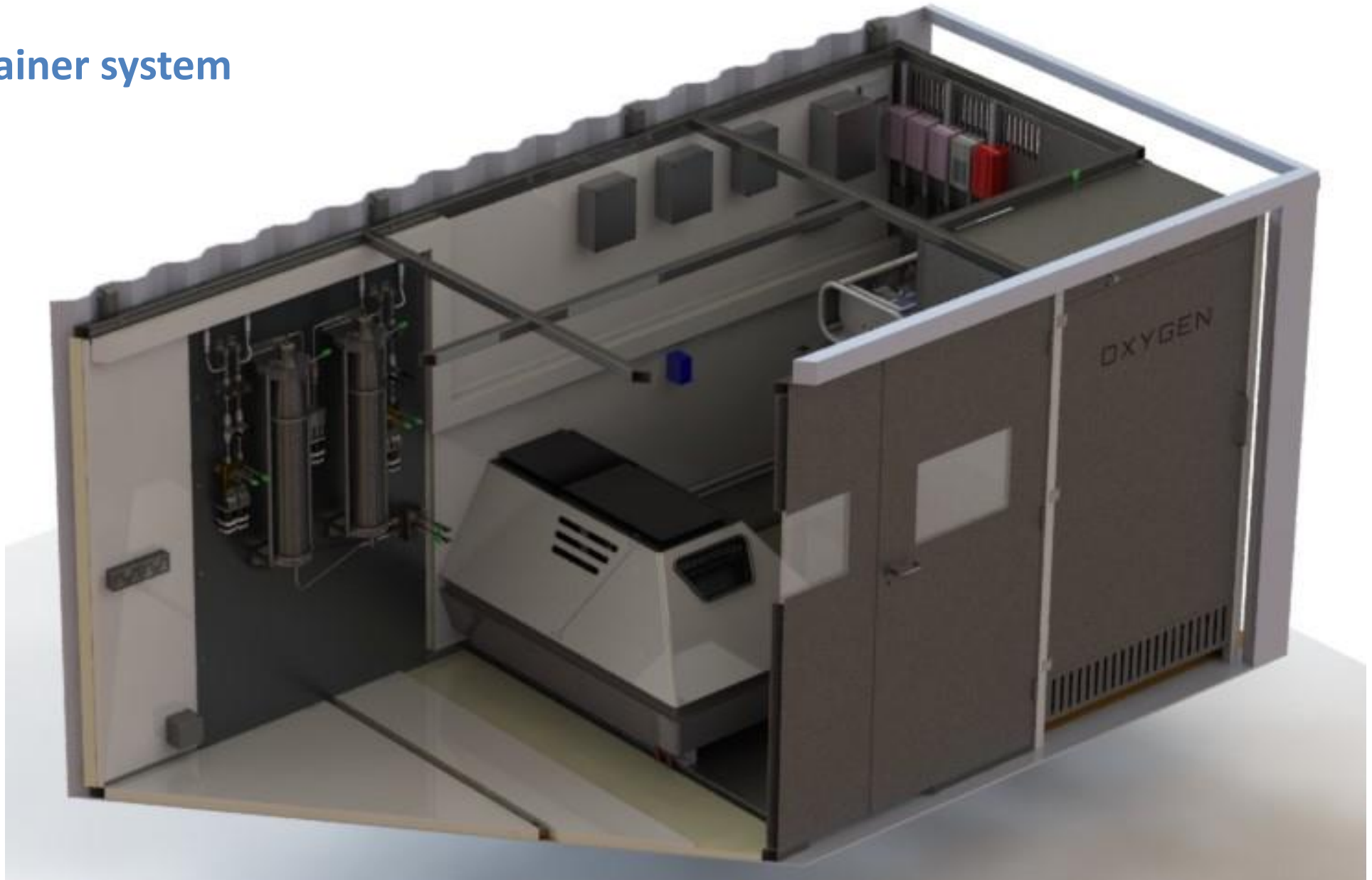
THE EARTHSHOT PRIZE



Enapter

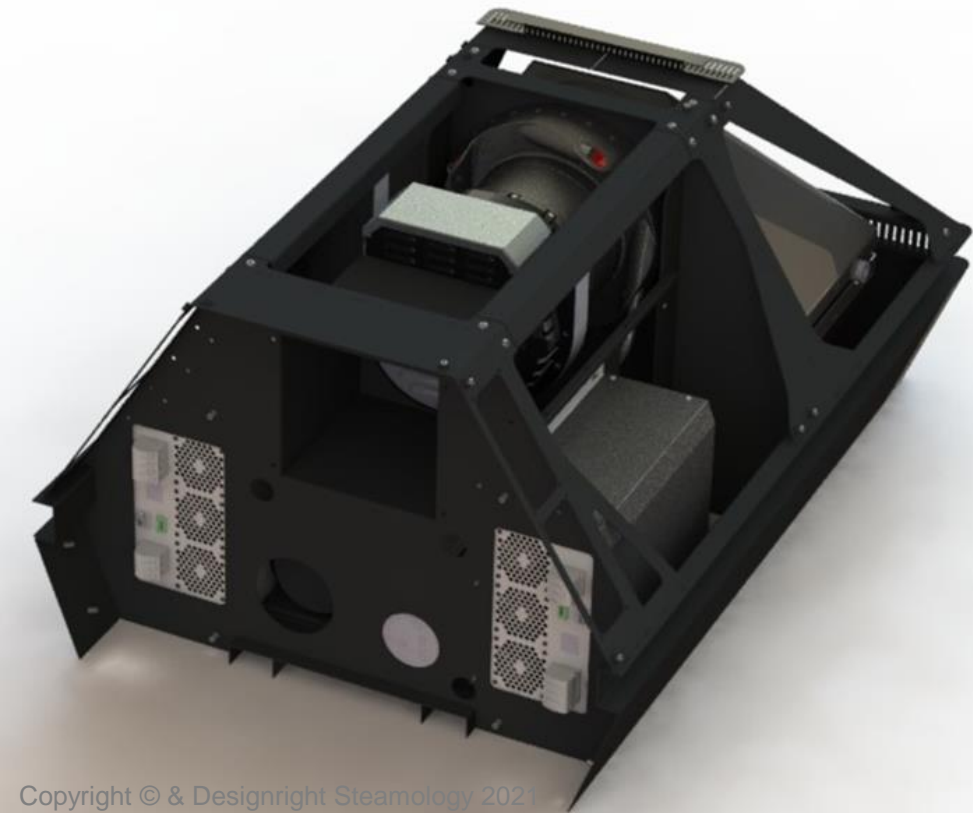


20ft ISO Container system





System build





System Commission



System Commissioning



Contact

Matt Candy
matt.candy@steamology.co.uk
www.steamology.co.uk

The Boiler House
Unit 19, Dean Hill Park,
West Dean, Nr Salisbury
SP5 1EZ, UK

Contact

Thomas Bundi
tbundi@strathmore.edu
www.serc.strathmore.edu

Ole Sangale Road, Madaraka Estate
Nairobi, Kenya.



Asante Sana
Strathmore Energy Research Centre