

Seeking research and innovation in sustainable materials for a circular economy

Launch date: Monday 25th September 2023
Deadline for submissions: Monday 6th November 2023

The submission form starts on page 3

We invite academic researchers, technology transfer offices, and startups to share with us non-confidential details of sustainable materials opportunities. We are looking to uncover new research, technologies and assets that will contribute towards a circular economy.

There are no associated costs or requirements for an IN-PART subscription to engage with this campaign.

Through the campaign, we are leveraging our partnering platforms (Connect and Discover), in-house STEM expertise, and our highly engaged networks across academia and industry to work towards developing new solutions addressing this Global Challenge.

Each of our campaign partners have shared an overview of their priorities and requirements for partnering below, and will be evaluating all the relevant opportunities submitted in response to them. These priorities will also be discussed in more detail through live Q&A in our [online partnering events](#).

View the R&D priorities of companies involved in the campaign seeking new submissions from academia and biotechs:

- [Eastman Chemical Company](#)
- [WestRock](#)
- [Avery Dennison](#)
- [Ecover](#)



Also part of our R&D network, the following companies have shared their interests:

- [Ourobio](#)
- [Johns Manville](#)
- [Anonymous: A well-known apparel brand](#)

The scope of the opportunities we're seeking as part of this campaign includes: sustainable feedstocks and bio-based materials, biodegradable materials, recycling and valorisation technologies. The campaign is sector-agnostic and opportunities can address any point in the material lifecycle to improve circularity.

Who should respond to the campaign?

Our global R&D network is actively engaged and interested in collaborating with and commercialising research submitted by:

- Technology transfer offices
- Industry engagement and research services teams
- Academic researchers
- Startup and spinout teams

How to submit your opportunity:

Use the submission form below to outline non-confidential details of a project, research or technology and submit it along with any associated high-res graphics or figures by email to submissions@in-part.co.uk.

OR If you work at an institute that is already subscribed to IN-PART's matchmaking platform, Connect, you can simply contact your dedicated account manager who will advise you on the easiest way to submit.

Further details:

For more information on IN-PART Global Challenges and past campaigns, please visit our [Global Challenge homepage](#).

Don't hesitate to contact our team who will be able to help with any questions regarding the global challenge or your submission via: submissions@in-part.co.uk. To learn more about IN-PART please see our website: in-part.com.

This Global Challenge is run in association with:



ASTP: Europe's premier association of knowledge transfer professionals whose work aims to improve the quality of impact that public research has on the economy and society. [Learn more.](#)



The Bio-based Industry Consortium (BIC): The Bio-based Industries Consortium (BIC) is a non-profit organisation that connects industry, academia, regions and citizens to transform bio-based feedstocks into novel sustainable products and applications, and create circular bioeconomy ecosystems through investments, innovation and know-how. [Learn more.](#)



The Flexible Packaging Association (FPA): The Flexible Packaging Association is the leading advocate and voice for the growing U.S. flexible packaging industry. FPA is comprised of manufacturers of flexible packaging and material/equipment suppliers to the flexible packaging industry. [Learn more.](#)



The Materials Innovation Initiative (MII): MII is a global think tank focused on research, knowledge-sharing, and fostering connections to fast-track the development of environmentally preferable and animal-free materials. It works to cultivate a global market for next-gen materials across the fashion, automotive, and home goods industries. [Learn more.](#)

We are Official Nominators for The Earthshot Prize 2024:



As part of this Global Challenge, we are proud to be part of a global community of Official Nominators for The Earthshot Prize 2024, a global environmental prize and platform for impact. We'll be focusing on the 'Build A Waste-free World' category and all submissions to the GC will be considered for nomination. In particular, we're looking for solutions that already have demonstrated impact in reducing waste and contributing to circularity to progress as nominations. [Learn more.](#)

Submission form:

Project/Research/Technology Title:

This should be no longer than 20 words.

Contact Information:

Name:

Title:

Email:

Institute and Department:

If you are a researcher, please provide the name and email address of your associated case manager or point of contact in your TTO or business engagement team (if applicable):

Background Information:

*Please keep this brief (**under 300 words**). Please provide a brief summary (a couple of paragraphs) of how the research, technology or project fits into the wider context of sustainable materials research.*

Research/Technology Overview:

An overview of the technology/solution/innovation/expertise.

(200-300 words). Please provide an overview of the technology/solution/innovation/expertise.

This should include (where available) non-confidential technical information, the overall goal, novelty of the approach, figures or videos (where applicable). If images or videos are provided, please attached these as high-resolution files alongside the submission form.

What is the development stage of the research or technology?

Please use definitions related to the technology sector, e.g. TRL score.

Benefits:

Outline the specific advantages over existing solutions (eg, faster, more accurate).

A list of bullet points will suffice but more details can be provided if available.

Applications:

Potential use cases and/or markets

A list of bullet points will suffice but more details can be provided if available.

Opportunity:

What types of opportunities are you looking for in terms of working with industry to help further develop and/or commercialise the project/technology?

Seeking:

What types of industry collaboration are you looking for?

Development partner
Commercial partner
Licensing
University spin-out
Seeking investment

IP and Legal Considerations:

Is all of the information you have provided non-confidential?

Please note that all information submitted must be non-confidential

What is the IP status of the research/technology?

Patented (if so, please provide details on the patent ID)
Patent application submitted (if so, please provide details on the application ID)
Provisional patent (if so, please provide details on the patent ID)
No patent
Know-how based
Copyright

Patent details:

If you are a researcher, have you disclosed this technology to your technology transfer office?

Are you submitting this project to be sent to any of the companies working on this campaign?

[Eastman Chemical Company](#)

[WestRock](#)

[Avery Dennison](#)

[Ecover](#)

[Ourobio](#)

[Johns Manville](#)

[Anonymous well-known apparel brand](#)

If you would **not** like your submission to be promoted on our public channels, such as social media, white paper or top innovation lists please let us know here (please note that the submissions will be on our gated Connect platform):