Innovation Launchpad Network+

Researchers in Residence Sprint
Virtual Induction

UK Research and Innovation

CATAPULT Network

Innovation
Launchpad
Network+

Welcome!

Innovation
Launchpad
Network+

Agenda

- Introduction to the RiR Sprint
- RiR project management with Kristina Parry
- RiR portal with Carlos Brambila
- Intellectual Property with Pete Osborne
- Q+A with ILN+ management team

Innovation Launchpad Network+

The RiR Sprint

The **Innovation Launchpad Network+** brings together UK academics with the UKRI Catapult Network to accelerate the **translation of research into impactful real world adoption**

The previous Researchers in Residence scheme supported **107 researchers** from **45 UK universities**

The new **Sprint** edition of RiR scheme has **18 projects** across **14 UK universities,** collaborating with **8 UKRI Catapults**

The projects are diverse, covering the **IS6 areas** of Advanced Manufacturing, Clean Energy Industries, Life Sciences and Digital & Technologies

You can find out more about **previous and Sprint projects** on our website

Innovation Launchpad Network+

Project Management

Dr Kristina Parry

UK Research and Innovation

CATAPULT Network

Innovation Launchpad Network+

RiR Sprint key activities

October 2026	Return signed award letter to ILN+ team Complete collaboration agreement with Catapult Create RiR portal account and submit initial delivery plan
December 2026 (w/c 7th)	Update progress on portal Attend check in meeting with the ILN+ Team
12th February 2027	Upload final report and case study to RiR portal
March 2027	Ensure invoice is sent to **ILN+ Team**

Innovation Launchpad Network+

Finances

All costs charged to the project must be classified as Directly Incurred. Costs must be incurred between 1 October 2026 and 28 February 2027.

An invoice and final expenditure statement must be submitted in March 2027. The invoice will not be paid unless your final report has been received on time and approved by the ILN+ Team.

The invoice must be sent to the **ILN+ Management Team** (**not** the main University of Sheffield finance team please!).

Please direct any finance queries to rirpostaward@sheffield.ac.uk

Innovation Launchpad Network+

Change requests

If you need to make certain changes to your project you'll need to submit a **change request form (CR)** to the ILN+ Management Team

Examples of changes requiring approval:

- Budget changes
- Change of academic institution
- Change of lead researcher
- Significant change of scope

Changes must be **agreed with your host Catapult prior to submission of the CR**

Contact us if you think you might need to do a CR

Innovation Launchpad Network+

Final project report

The final project report **briefly summarises the research and highlights the impact** of your ILN+ Researcher in Residence project in plain language.

It is NOT a technical report. Your detailed project findings should be captured in a project deliverable for example a technical report/presentation/demonstration as appropriate.

The **audience** for the final report is the ILN+ Management Team and EPSRC. It is not a public document and will not be shared without your permission.

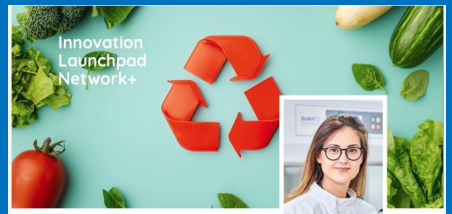
Innovation Launchpad Network+

Case Study

Storytelling is a powerful tool for demonstrating to stakeholders the impact that your Researcher in Residence project has delivered

At the end of your project we'll work with you to create a **case study** to highlight the impact of your Researcher in Residence collaboration

This case study will be available for you to use to promote yourself and your work and we'll upload it to the ILN+ website.



CASE STUDY

Ana Ferreira-Duarte
Newcastle University
CPI (Part of HVM Catapult)

The Challenge

Food waste represents a significant environmental and economic burden, with vas
quantities of organic residues such as cocoa husks and coffee pod waste typicall
discarded despite being rich in valuable biopolymers and bioactives. At the same time
the biomedical and bioprocessing sectors face increasing pressure to adopt sustainable
lower-carbon materials that can replace petroleum-derived polymers in applications such
as diagnostics, drug discovery and advanced tissue models. The challenge addresse
by HARBORSS was to determine whether these waste streams could be transformed
efficiently, consistently and at scale, into high-value biomaterials that meet industri
performance standards. This required optimising extraction workflows, understandin
material properties, and assessing market needs to ensure technical and commercia
alignment. In addition, the project targeted a zero-residue
circular-economy model, aiming to sequentially extract pectin, antioxidants and carbo
dots from the same biomass. The project also sought to address a major bottlenec
in next-generation biomanufacturing: the need for sustainable, high-precision, scalabl
bioinks for 3D and volumetric bioprinting. Ensuring that biomass-derived hydrogel
could support cell viability, structural fidelity and biological relevance was essential t
demonstrate their real-world value.

cpi

UK Research and Innovation



CASE STUDY

Carolina Font-Palma
University of Hull
Energy Systems Catapult

The Challenge

With the ambitious target of 10GW of low carbon hydrogen production capacity by 2030, it is expected that at least 40% will come from low-carbon hydrogen using methane reforming integrated with carbon capture and storage (CCS) technologies, known as 'blue' hydrogen. Whilst recent regulator's guidance has established a design carbon capture rate of at least 95%. For hydrogen produced via the electrolytic route, renewable energy supply, such as wind, is essential for the so-called 'green' hydrogen, however, their intermittency is a challenge to keep up the electrolytic hydrogen production combined with its storage. A key challenge is the selection of technologies and the speed of their deployment that considers their effects on emissions, costs and performance and enable achieving the net zero target. Thus, modelling tools that support the assessment of multiple technological solutions to decarbonise the UK energy system are needed.

CATAPULT Energy Systems

UK Research and Innovation

Innovation
Launchpad
Network+

RiR portal

Dr Carlos Brambila

UK Research
and Innovation

CATAPULT
Network

Innovation Launchpad Network+

RIR portal

Accessing the New RiR Portal

Go to innovationlaunchpad.ac.uk and click on RiR Portal in the top menu.

- **Register for your account and log in.**
- **Use your Portal Dashboard to submit your Initial Project Plan.**

A Quick Note on Our Pilot Launch:

This system is currently in its pilot phase. While we are aiming for a smooth experience, there may be a few bumps along the way. We are incredibly grateful for your patience and actively welcome your feedback to help us improve the portal.

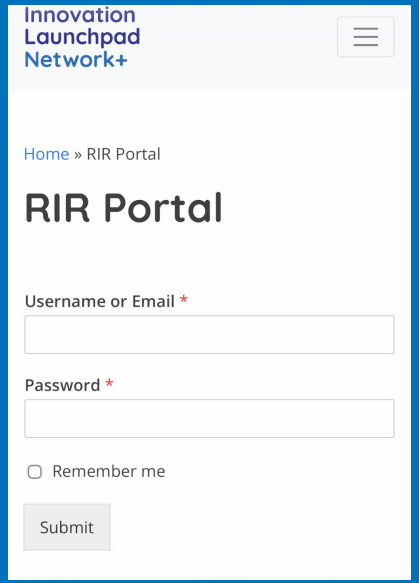
Support & Feedback:

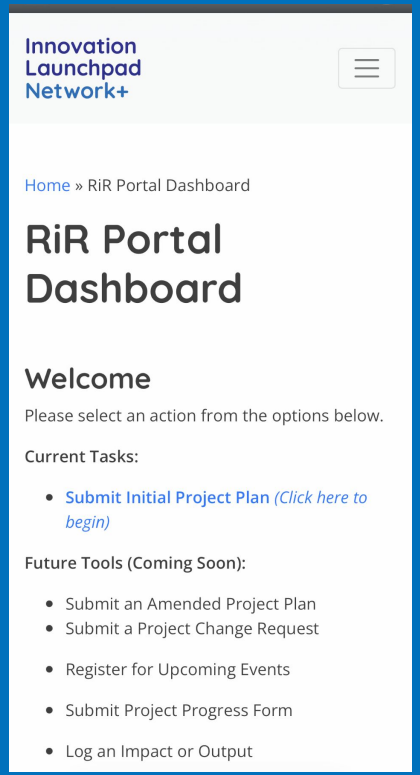
If you run into any technical issues, please email Carlos at c.brambila@sheffield.ac.uk.

Innovation Launchpad Network+

RIR portal

https://innovationlaunchpad.group.shef.ac.uk/rir-portal/





Innovation
Launchpad
Network+

Intellectual Property

Prof Pete Osborne

UK Research and Innovation

CATAPULT Network

Innovation Launchpad Network+

Intellectual Property

The aim of the Researcher in Residence RiR scheme (RiR) scheme is to support the UK's strategic goals, deliver impact across the UK economy and enable UK businesses to thrive in global markets.

It does this by providing funding to further develop the knowledge you created in your research and help to apply it to real world challenges

In today's knowledge based economy, dominated by companies practicing open innovation business models, IP is an essential element of sustainable business growth

Innovation Launchpad Network+

Forms of IP

There are many ways to define IP, but broadly it refers to ‘intellectual knowledge creation and assets’. In practical terms all material generated by researchers could be regarded as comprising or being protected as intellectual property. Examples include, but are not limited to, research data, databases, patents, inventions, copyright (including rights in software), performance rights, rights in educational materials, design rights and trademarks.

*Copyright refers to the right an author or creator has over their literary and artistic works sometimes described as the ‘expression of knowledge’.

Innovation Launchpad Network+

The four knowledge/IP types

The four knowledge/IP types are defined by Granstrand and Holgersson (2014):

- Background knowledge/IP is knowledge/IP that is relevant to a collaborative venture or open innovation project that is supplied by the partners at the start of the project.
- Foreground knowledge/IP is all the knowledge/IP produced within the collaborative venture or open innovation project during the project's tenure.
- Sideground knowledge/IP is knowledge/IP that is relevant to a collaborative venture or open innovation project, but produced outside the project by any of the partners during the project's tenure.
- Postground knowledge/IP is knowledge/IP that is relevant to a collaborative venture or open innovation project that is produced by any of the partners after the project ends.

Granstrand, Ove; Holgersson, Marcus (2014). "The challenge of closing open innovation: The intellectual property disassembly problem". Research-Technology Management. 57 (5): 19–25. doi:10.5437/08956308X5705258. S2CID 154502366

Innovation Launchpad Network+

Practical requirements

Some IP arising from research or education may have the potential to be commercialised, for example by way of an assignment or licence of that IP to a third party or the creation of a new (‘spin out’) company.

Within these projects their is potential for this IP to have been created jointly with your Catapult hosts

Because of this we need you to be more careful what you do with respect to IP.

RiRs must promptly disclose to their University/Catapult (and keep it confidential in relation to any third party) any commercialisable IP and must also assist the University/Catapult in protecting it.

Innovation Launchpad Network+

Practical Considerations

Commercialisation of IP does not preclude other academic activities such as publication, but this should be discussed at the point of disclosure

You should also be aware of any background IP that may be shared with you by your host Catapult and must consider their rights before sharing this. Particularly in the publication of academic publications

Innovation
Launchpad
Network+

Q+A with ILN+

Ask us anything!