



2022 PTIE Conference Abstract

Title: Innovation Training and PTIE: a service-wrapped approach to professional development in support of PTIE implementation

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Abstract:

PTIE, if adopted at an institution, invokes a new learning curve for most faculty that have limited or misconceived understanding of entrepreneurship and innovation activity. Specifically, the definitions of entrepreneurship, entrepreneurial activity, innovation, product development, commercialization are all new to most faculty. Further, the metrics that will be newly offered as pathways to tenure and promotion will not be well understood, especially as it relates to the optimal or productive roadmap to attain them. As a result, it will not be sufficient just to provide definitions of terms or recommended language to department chairs, faculty or P&T committees, assuming that it will accomplish necessary understanding. As such, it may be prudent or important to provide innovation training programs to help accelerate this understanding, as well as to create culture shift for departments/colleges that want to adopt but are hesitant to do so. At the University of Kentucky, we have invested in dedicated resources to design and teach an Innovation Training program - a series of courses - to departments that adopt PTIE recommendations as a tool to support understanding and knowledge. In addition, we have created a badging system to create a shared indicia of recognition across faculty, to demonstrate attainment of understanding and incentivize further participation/adoption. I would like to present more about this approach and open the opportunity for feedback, questions, and suggestions related thereto.

A service-wrapped approach to
PTIE: Professional Development,
learning, and recognition

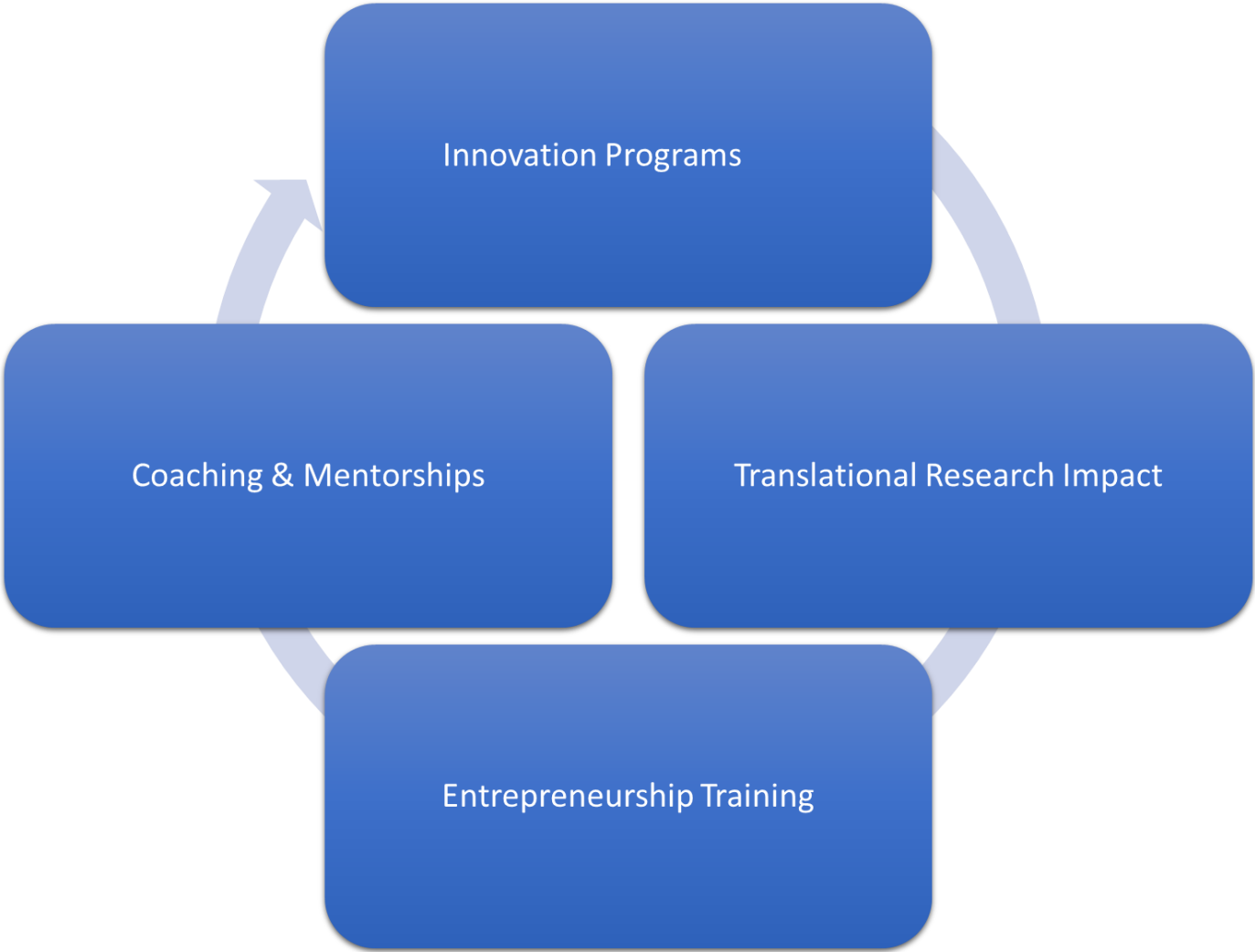


Impact & Implementation

Training

& Micro-certification

Supporting Professional Development & Culture of Innovation



Research impact is

REAL
CHANGE

In the

REAL
WORLD

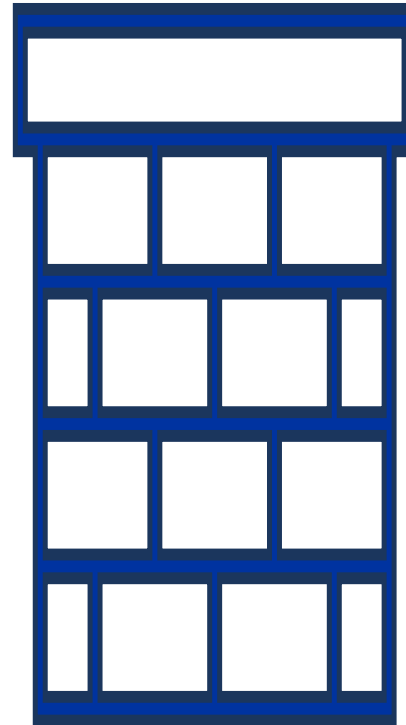


Impact is determined by where the effects of research are felt

University



Research Conducted Here



Society



Effects felt here

WHAT IS UK Innovate Training and Micro-Certification?

Multi-Modal

Inclusive Delivery

Short-Course
Curriculum

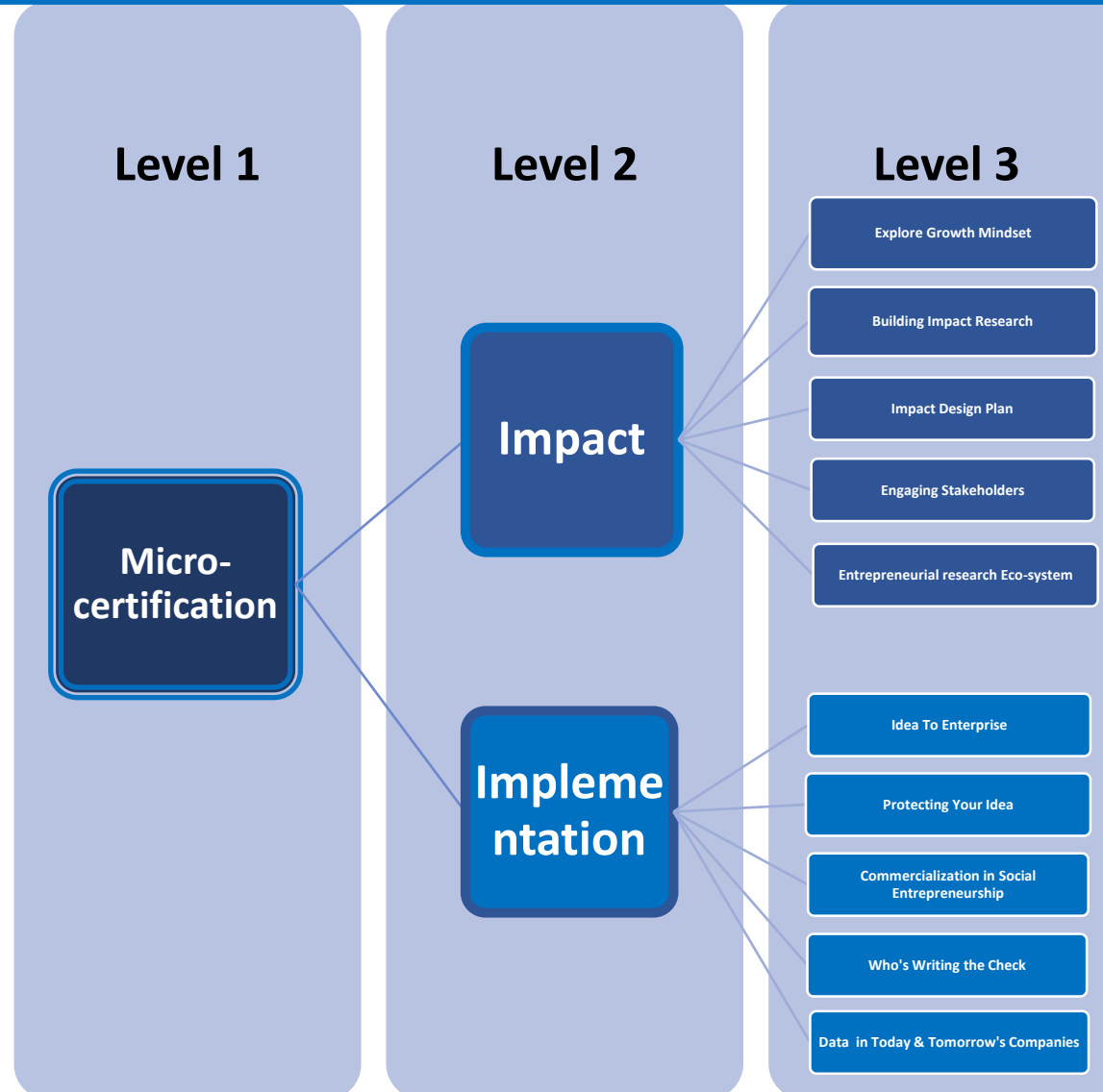
Using **experiential design theory** and **mentorship programming** to support researchers' perception of their role in contributing to science, commercialization, and impact on the community.

Objectives

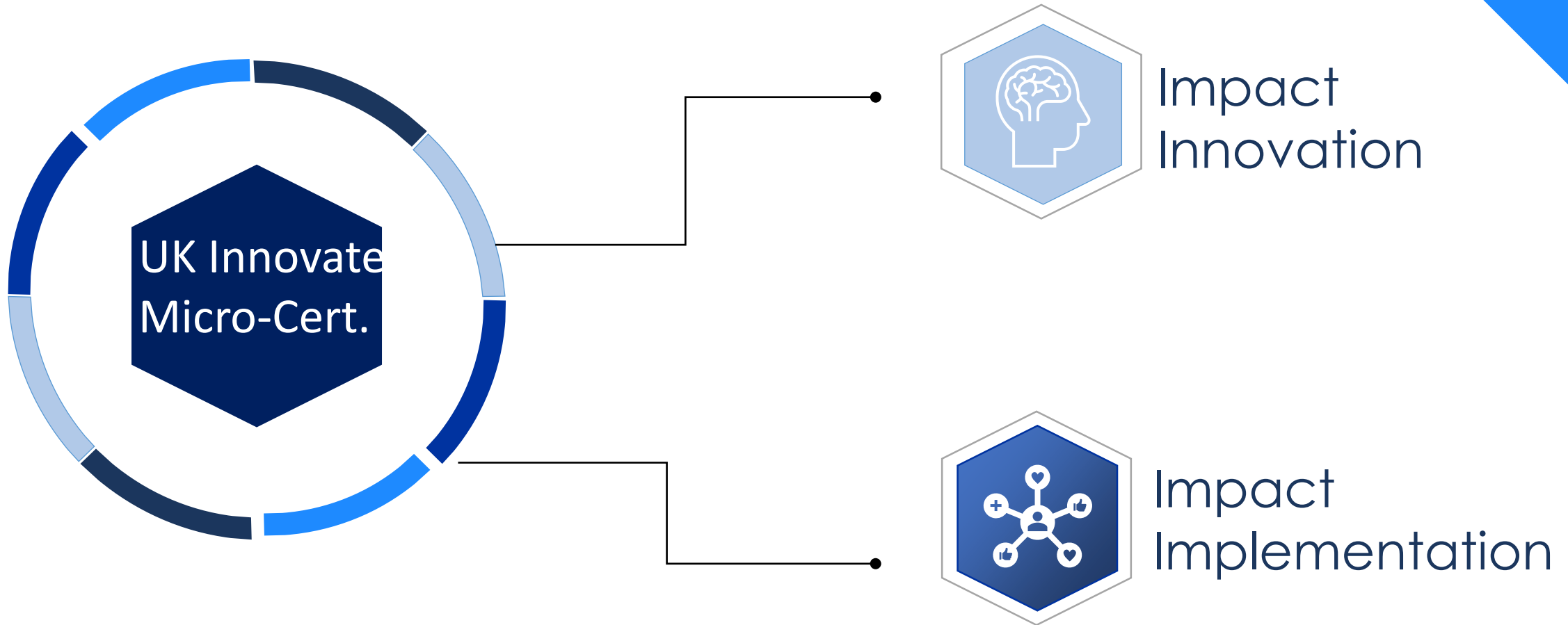
Understand	Understand the evolution of the university researcher and research impact on the economy and society
Learn	Learn design thinking process related to innovation and research impact by tackling unique challenges, from ideas to validation
Apply	Apply design thinking methods to propose human-centered approaches to problem-solving for unmet societal or economic needs



Bird's Eye View



UK INNOVATE MICRO-CERTIFICATION



Impact Literacy

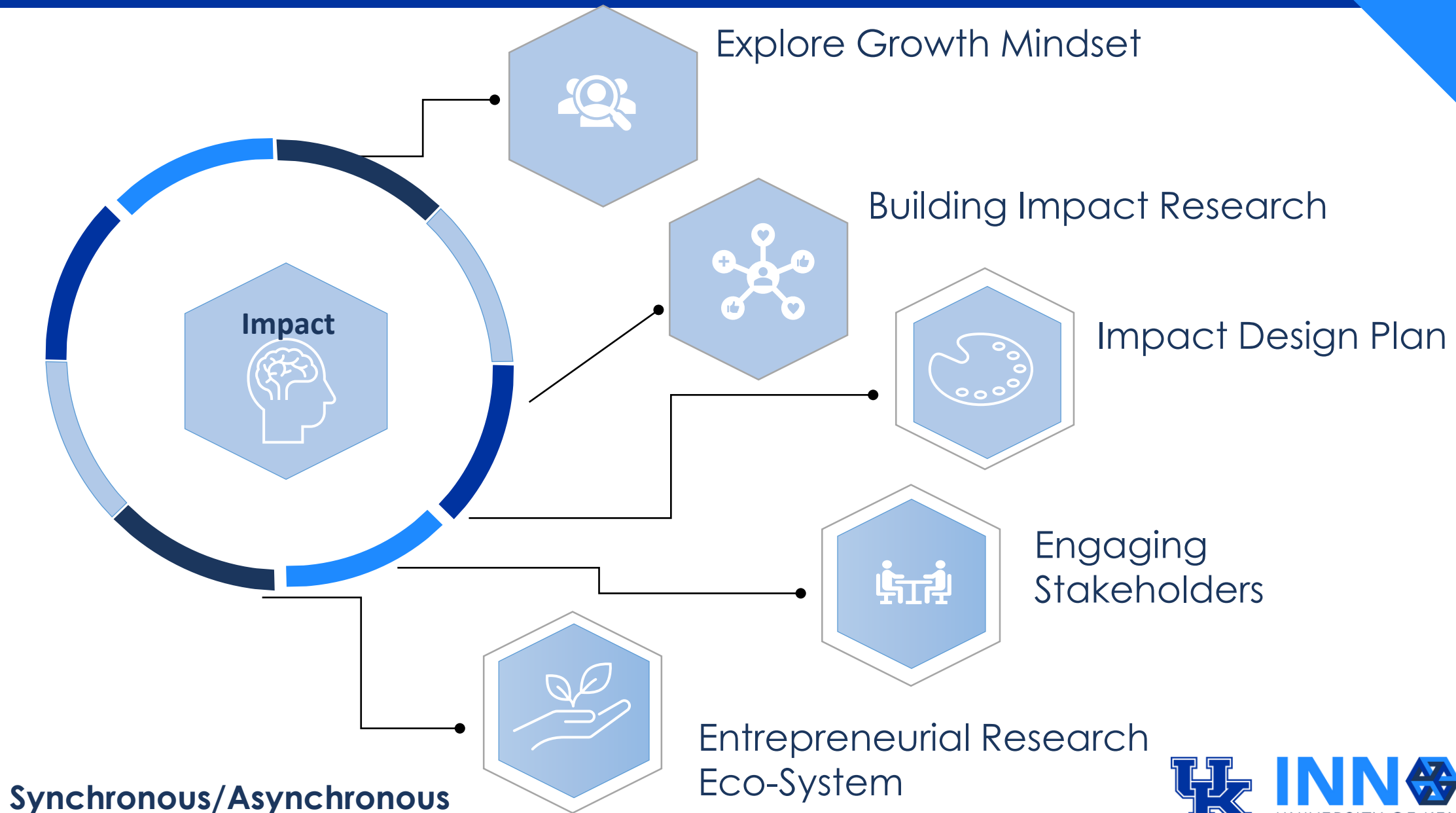
How to connect research to outside work? **IMPACT LITERACY**

Impact literate means understanding:


1. **WHAT** changes (impacts" happen, for whom, and how can be demonstrated?
2. **HOW** research can be mobilized into action?
3. **WHO** is involved in this, for what purposes, and with what skills?
4. **WHY** impact is being pursued, for what purposes, and with what ethical considerations?



IMPACT INNOVATION WORKSHOPS



Impact Implementation is the **PROVABLE** benefit of Research

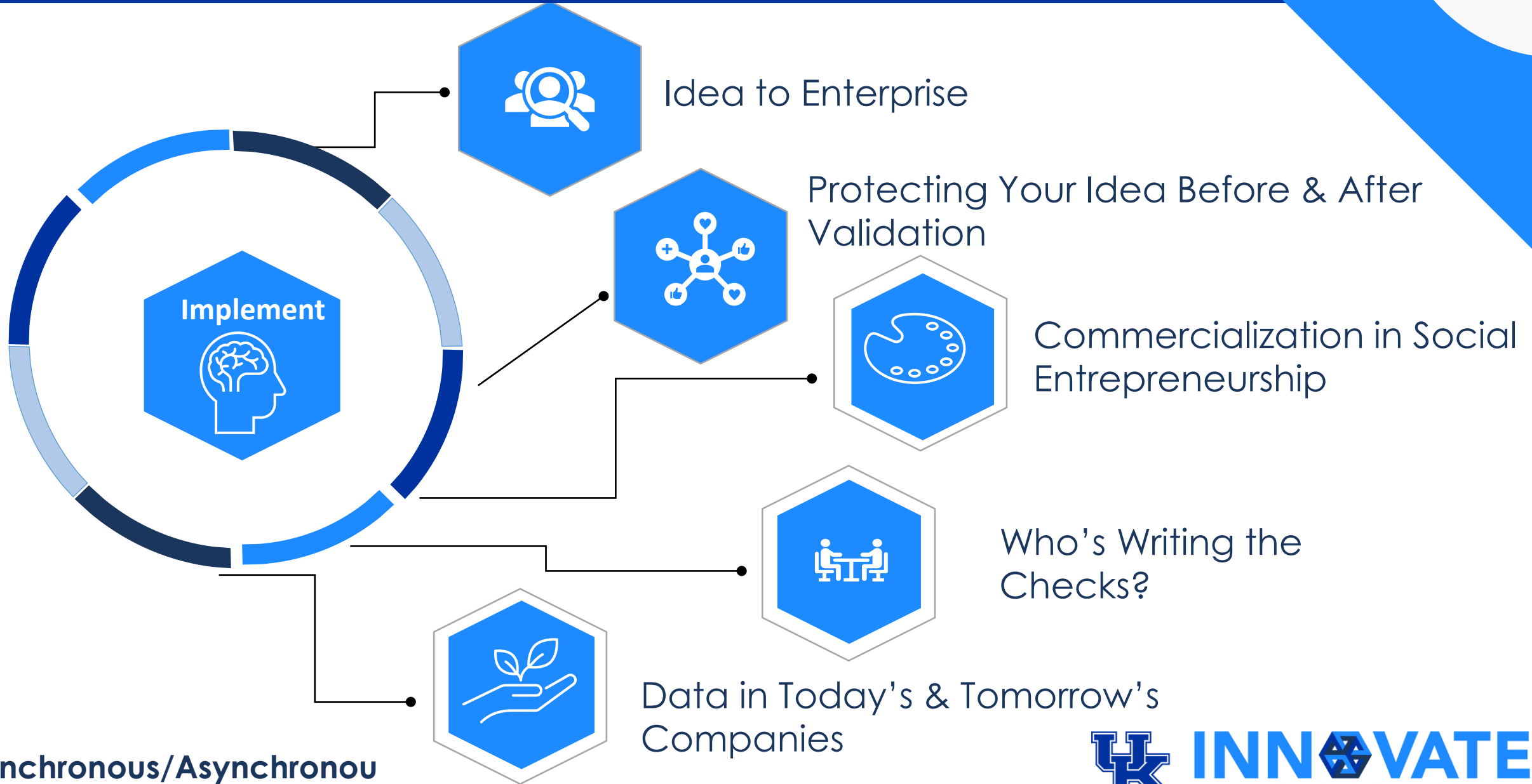


It is the change we can **SEE**
(demonstrate, measure, capture)

BEYOND academia
(in society, economy, environment)

Which happen **BECAUSE** of our research
(caused by or contributed to)

IMPACT IMPLEMENTATION WORKSHOPS



Recognizing Knowledge – UK Innovate Badges

Badgr an easy option for
awarding & tracking
badges in Canvas

Open Digital Badges are
not just images:

- badge name
- description of the badge
- criteria for earning the badge
- issuer
- evidence of the achievement
- date issued
- earner id
- and other custom information



badgr

Make your badges
meaningful with
Badgr

Badgr is an achievement recognition and tracking system that uses Open Badges for competency recognition, professional development, and connected learning.



WHO IS THIS FOR?



The **experienced researcher/faculty**, who want to pursue a standalone micro-credential micro-certification recognized by the University of Kentucky community to build on their skillsets.



The **future learner**, who doesn't want to fully commit to a full long-term program but will take advantage of stackable elements for future skills.



The **current student (graduate/postdoc)**, who is pursuing their program and wants to pursue a micro-certification as a skill-based program.

How Do You Register?

1

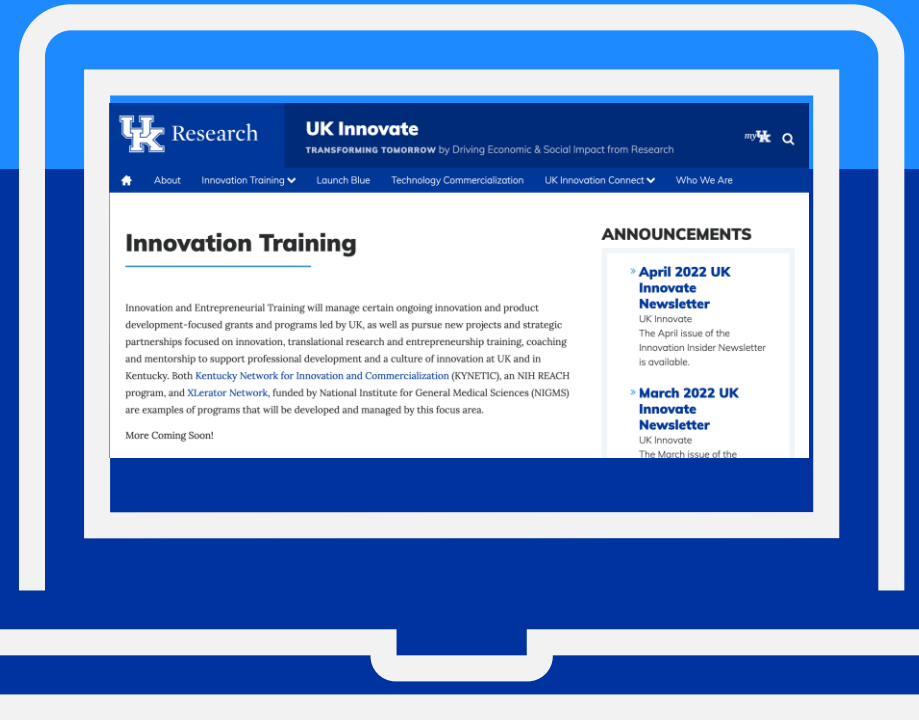
Go to UK Innovation Training

2

Register Online Portal (Uses Salesforce)

3

Auto -Enrolled in Canvas Course



This is the start of UK Innovate Training Courses:

- Masterclasses
- Paid Experiential Training for Grads/Postdocs
 - Customized Workshops

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