



ALBERTA INNOVATES

IMPACT

Ideas.
Insights.
Impact.

ACTION

LAB

YORK 

RESEARCH
IMPACT
CANADA

RÉSEAU IMPACT
RECHERCHE
CANADA



GenomeCanada

The Role of Canada In The International Science Eco-system: Roundtable Session

AESIS June 20, 2023

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Eddie Nason, Genome Canada

Kathryn Graham, Alberta Innovates Impact Action Lab

Overview



Welcome

1. Current State

- International and Canada' position in the Research Impact ecosystem

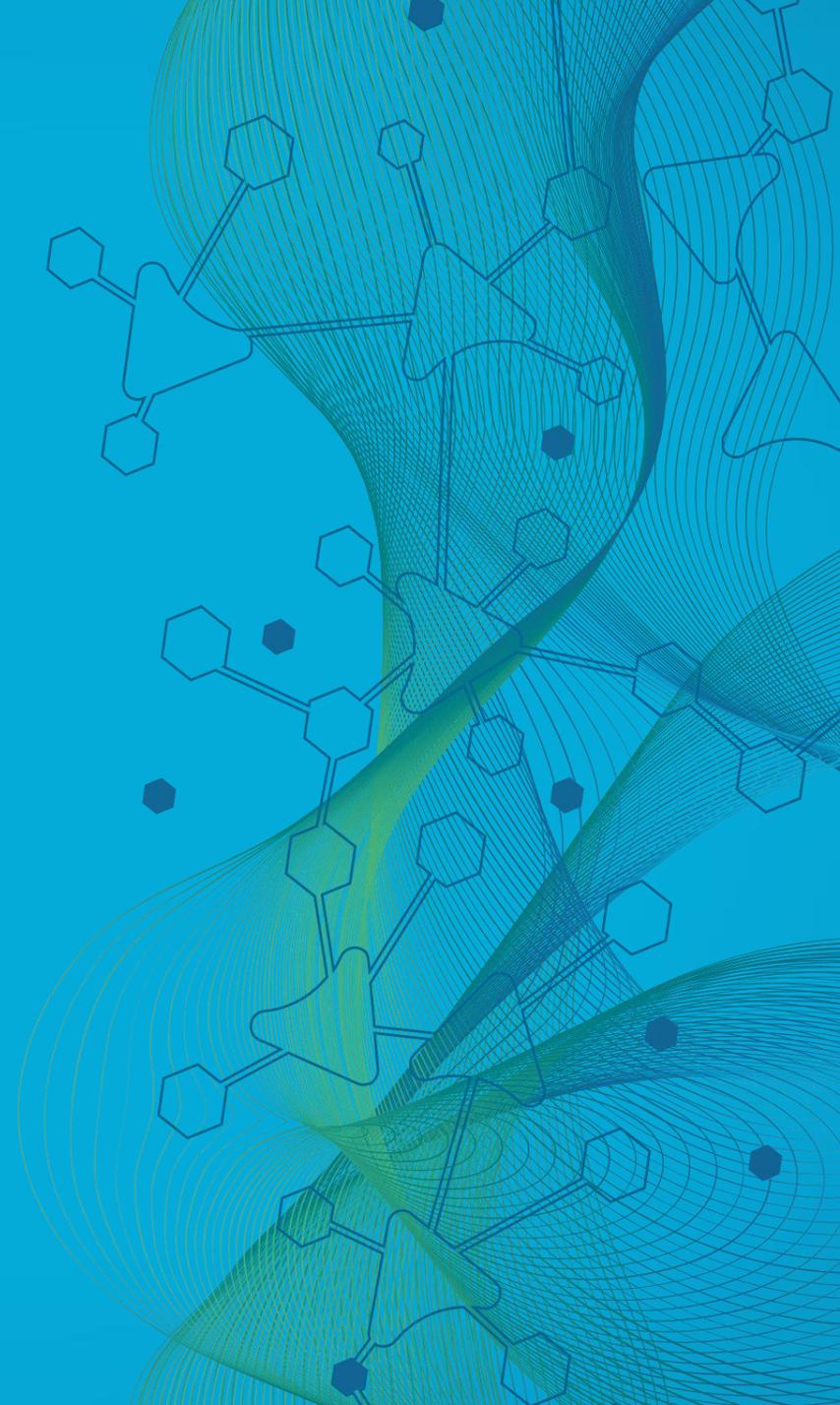
2. Gaps & Lessons Learned

- Lessons Learned – 3 Illustrative case examples
- Gap analysis

3. Future State

- Opportunities - group work on key actions and takeaways

1. Current State



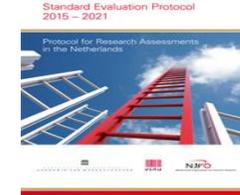
International Systems of Research Impact

Universities
Policy
Engagement
Network



RESEARCH
IMPACT
CANADA | Turning
research
into action

REF2021 Research
Excellence
Framework



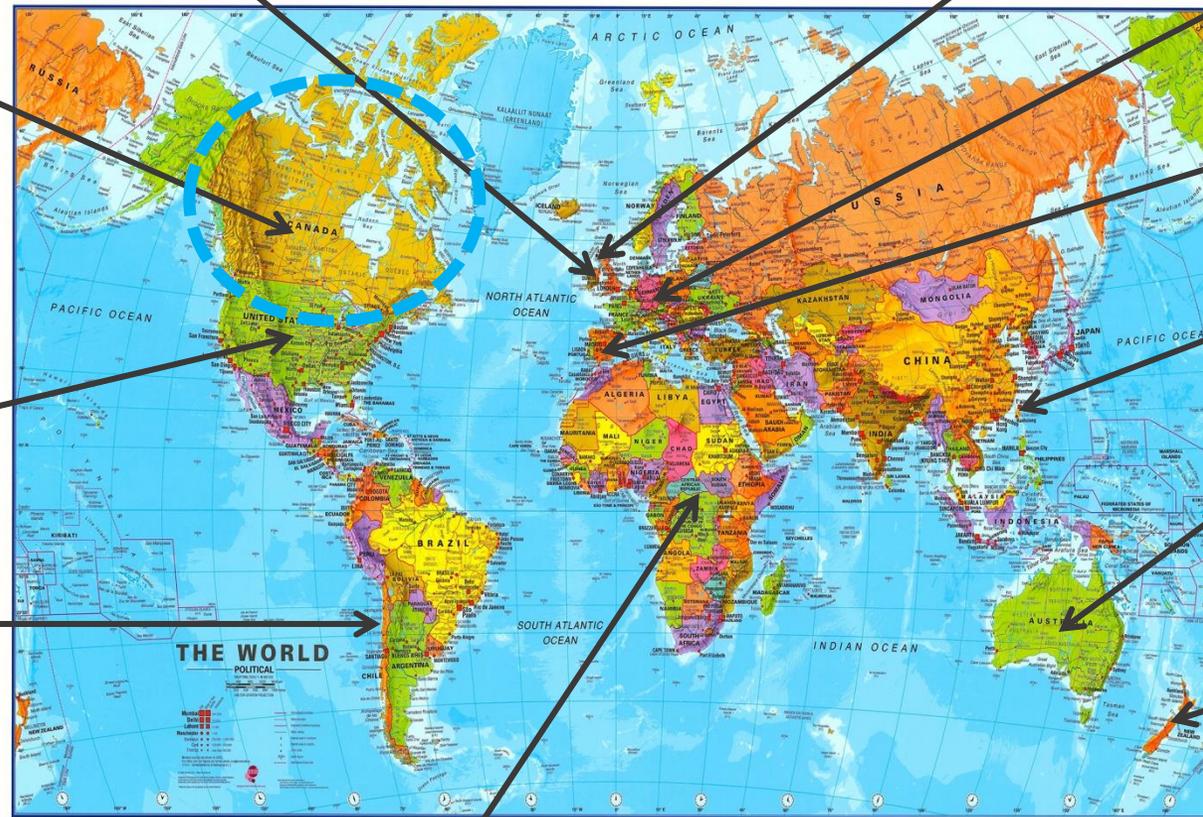
CERCA
Centres de Recerca
de Catalunya

研究評審工作
Research Assessment
Exercise 2020 **HONG KONG**
大學教育資助委員會 UNIVERSITY GRANTS COMMITTEE

ARIS
Advancing Research
Impact in Society

Australian Government
Australian Research Council

vincula



MISSION-DRIVEN = HOW

ARIN
AFRICA RESEARCH & IMPACT NETWORK

ASSESSMENT-DRIVEN = WHAT

Canadian Systems of Research Impact



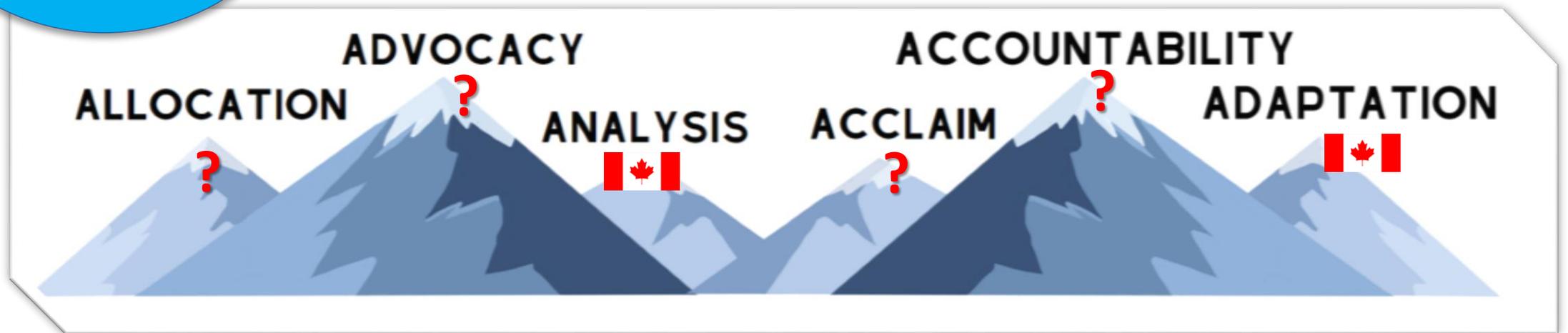
3 Illustrative Examples for Today:

- Research Impact Canada
- CHISPR
- Alberta Innovates

Other Examples:

- Impact Canada
- CAHS Impact Framework
- Treasury Board Policy on Results
- Funders. E.g., CIHR, ISED, NRC, etc.

What are the motivations for impact and assessment?
The 6 A's



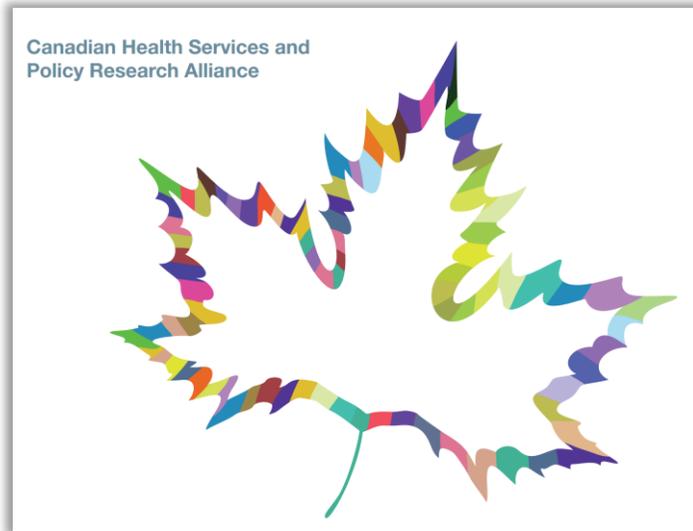
Source: Parks, Sarah, Daniela Rodriguez-Rincon, Sarah Parkinson, and Catriona Manville, The changing research landscape and reflections on national research assessment in the future. Santa Monica, CA: RAND Corporation, 2019

Provocative Proposition:

Canada has unique strengths in Research
Impact for targeted communities

BUT it does not currently have an
integrated Research and Innovation
Impact System that addresses the
pathways to getting to impact or
addressing existing gaps

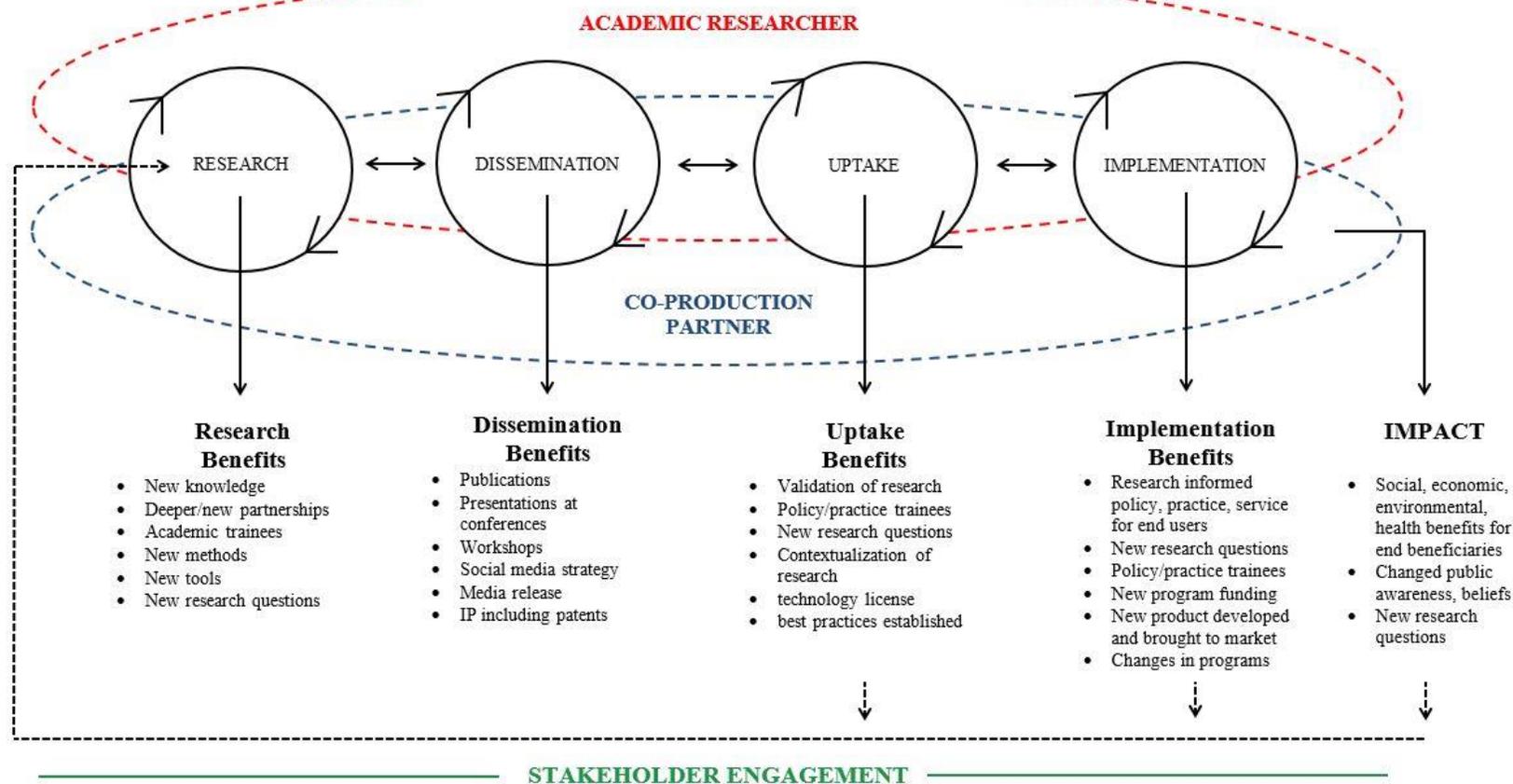




1. The bottom line
2. What is it?
3. Vision
4. How did we do it?
5. Lessons learned

What can you learn from this example?

- Foster collaboration not competition.
- Connect to the Institutional mission which might include being a civic university, creating value for local and global communities and/or a third institutional mission beyond teaching and research.
- Have fun.





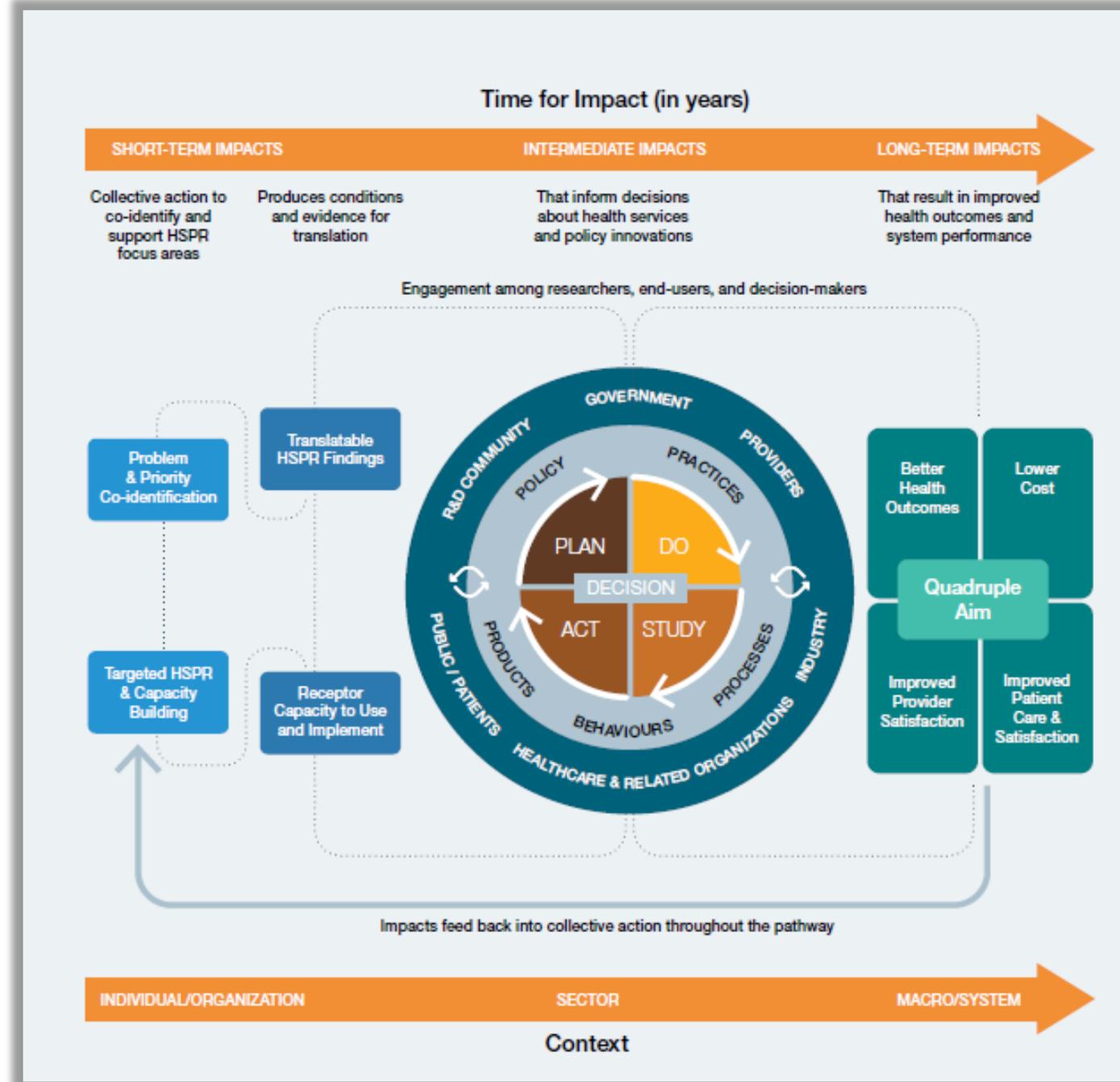
Making an Impact:

A shared framework for assessing the impact of health services and policy research on decision-making

PREPARED BY THE IMPACT ANALYSIS WORKING GROUP OF THE CANADIAN HEALTH SERVICES AND POLICY RESEARCH ALLIANCE (CHSPRA)
AUGUST 2018

What can you learn from this example?

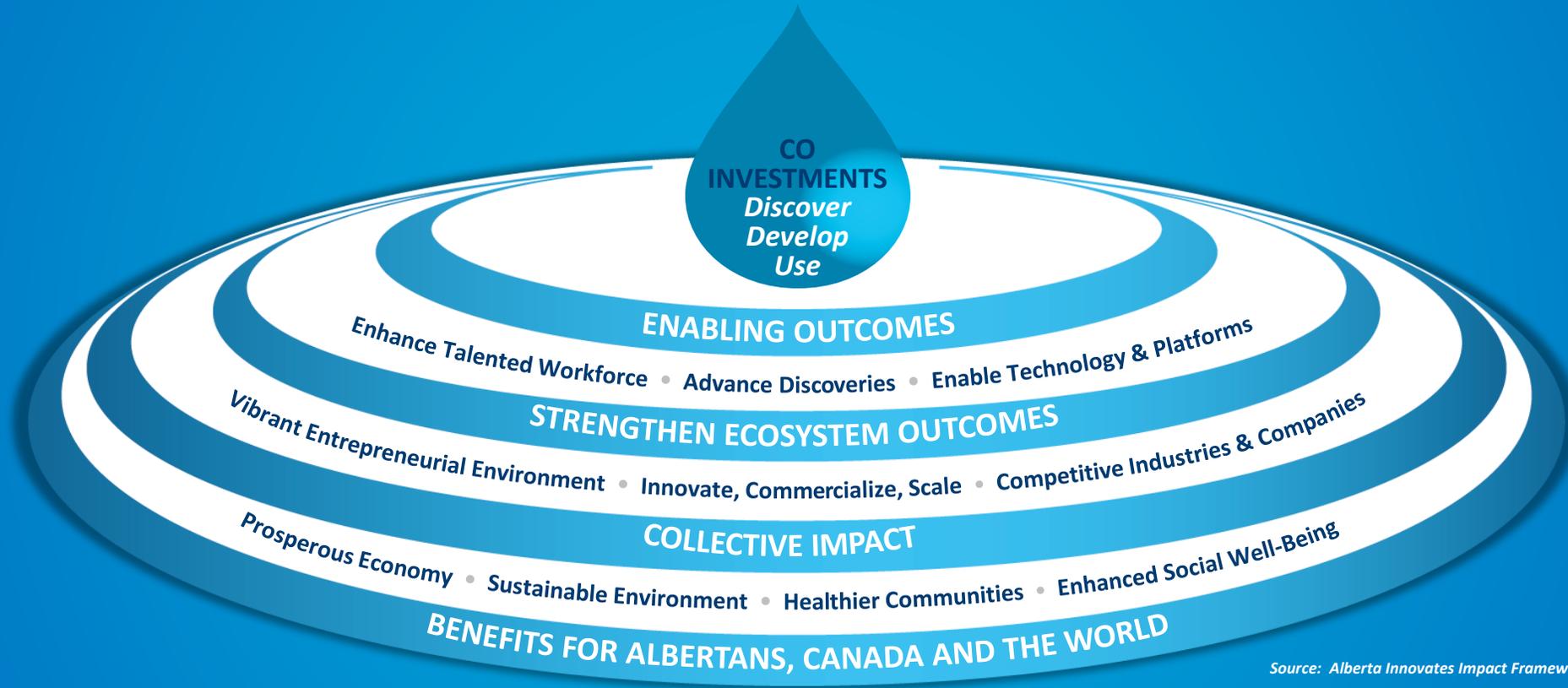
1. Understanding the local context
2. Combining existing frameworks and users ability to incorporate impact assessment
3. Using community-led, bottom-up approaches



Alberta Innovates Impact Framework



Alberta Innovates Impact Framework is guided by AI's mission across different sectors:



Measuring and Communicating our Impact: AI has a robust impact measurement system to track our progress to achieving our impact goals

What can you learn from this example?



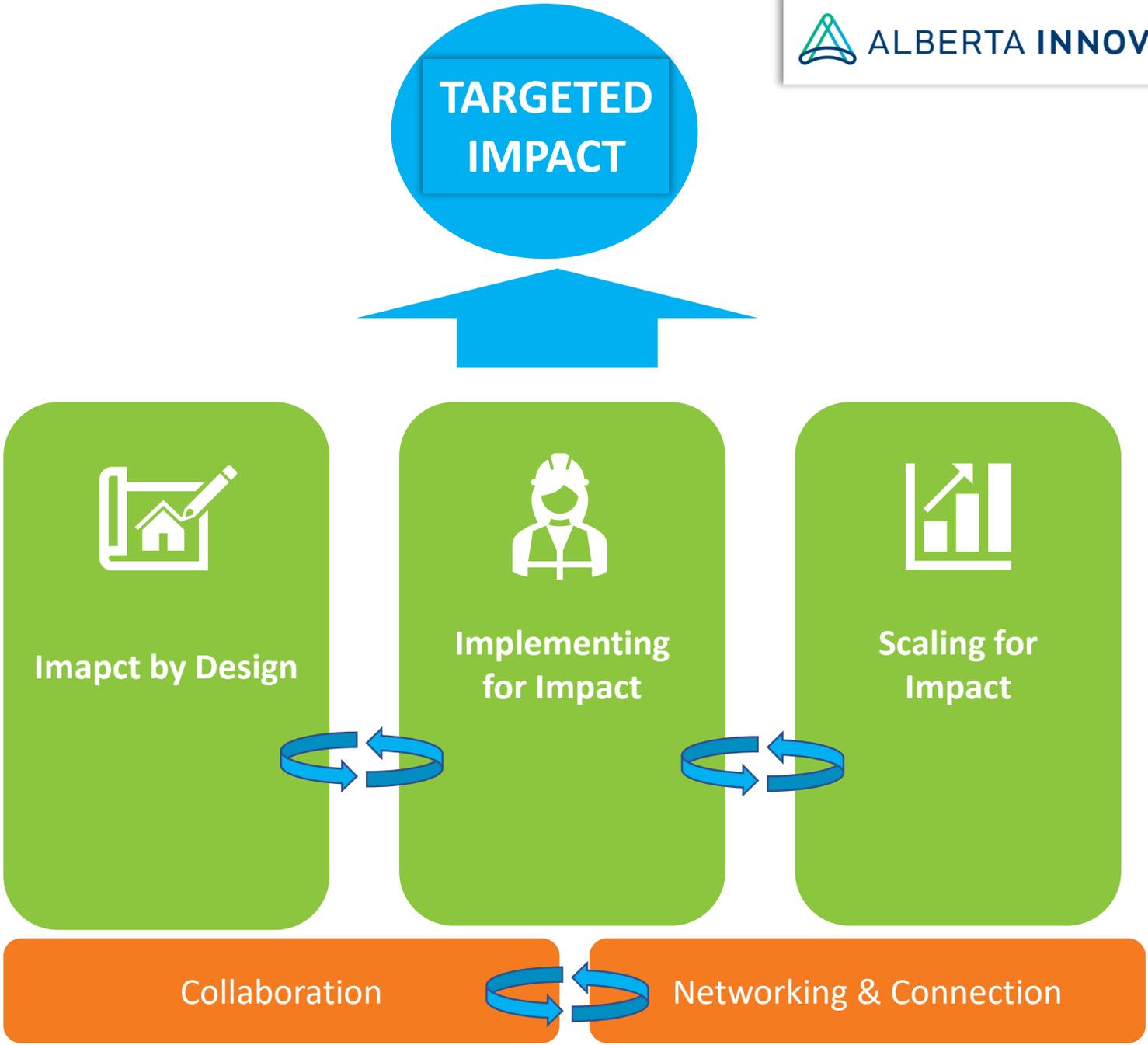
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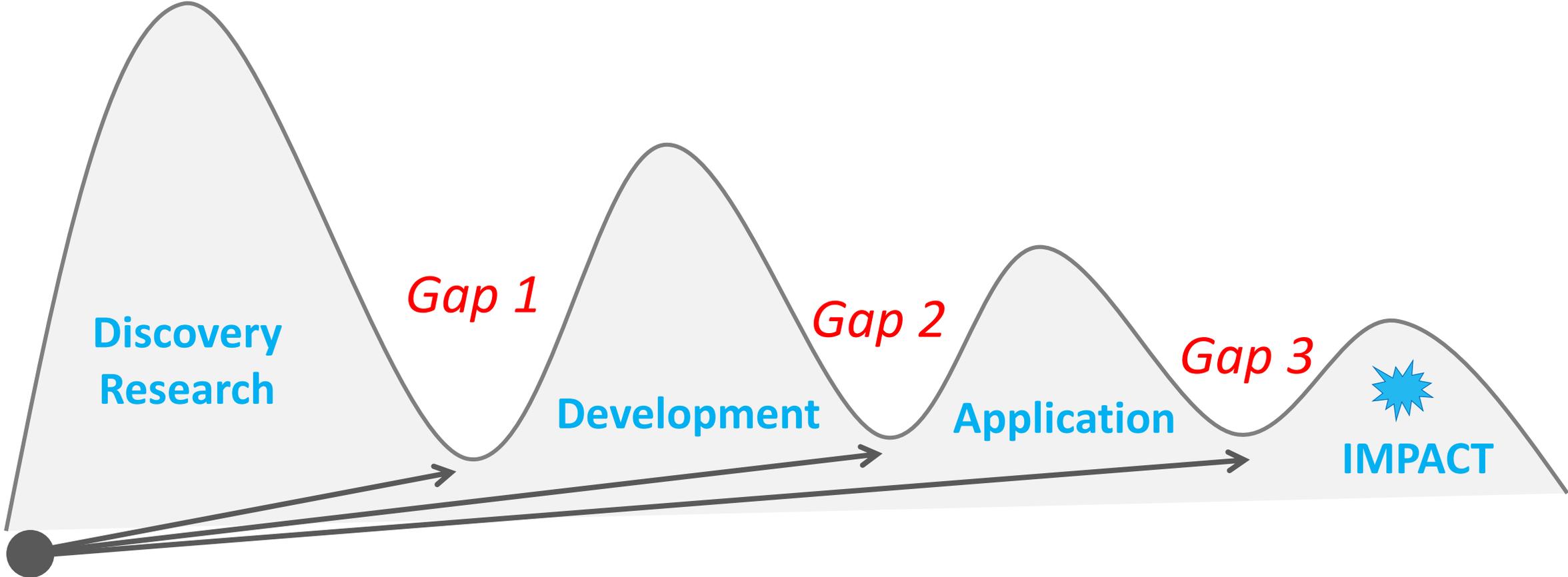
LAB



2. Gaps and Lessons Learned

An abstract graphic on the right side of the slide. It features a complex network of thin, light blue lines that form a dense, swirling pattern. Overlaid on this are several larger, semi-transparent green and blue wavy bands that curve across the space. Scattered throughout the composition are numerous small, dark blue hexagonal shapes, some of which are connected to the line network, resembling a molecular or data structure.

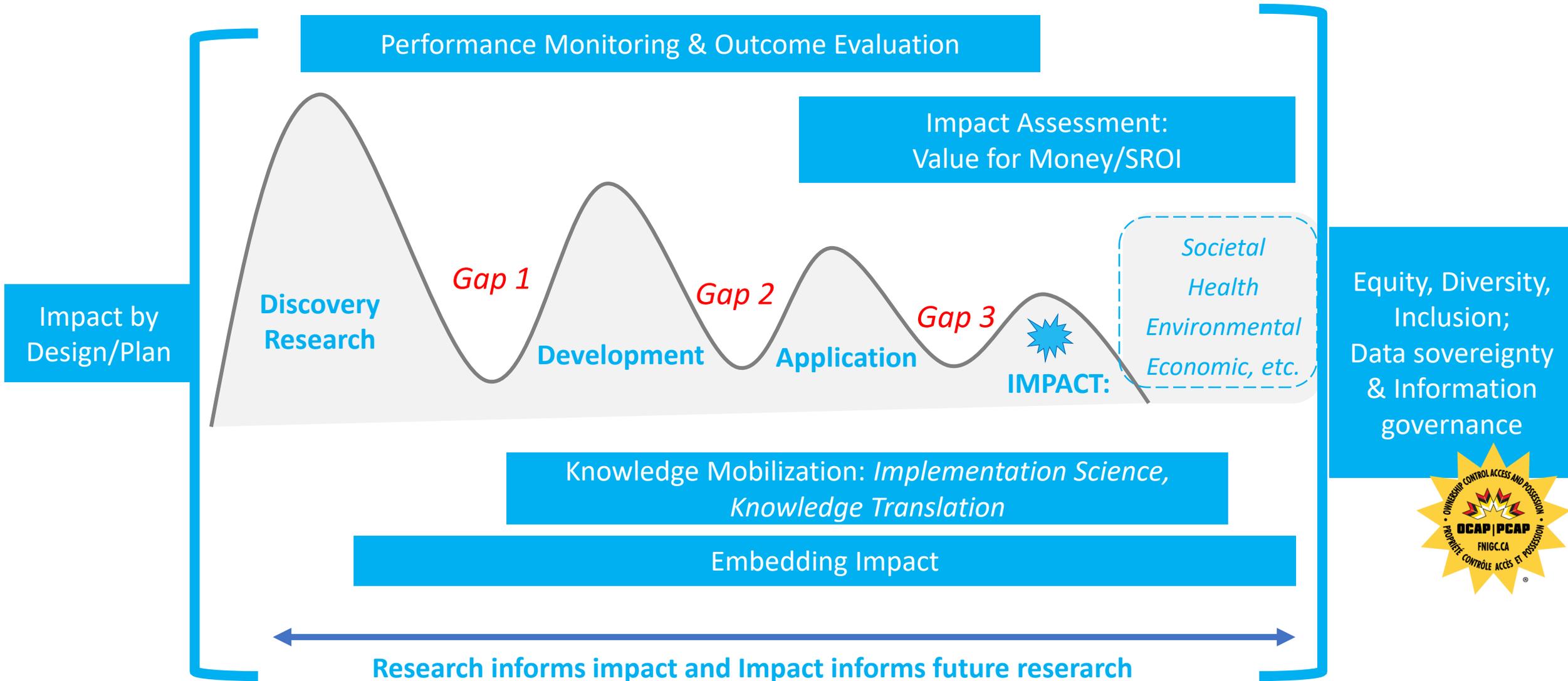
Gaps Along the Research to Impact Lifecycle



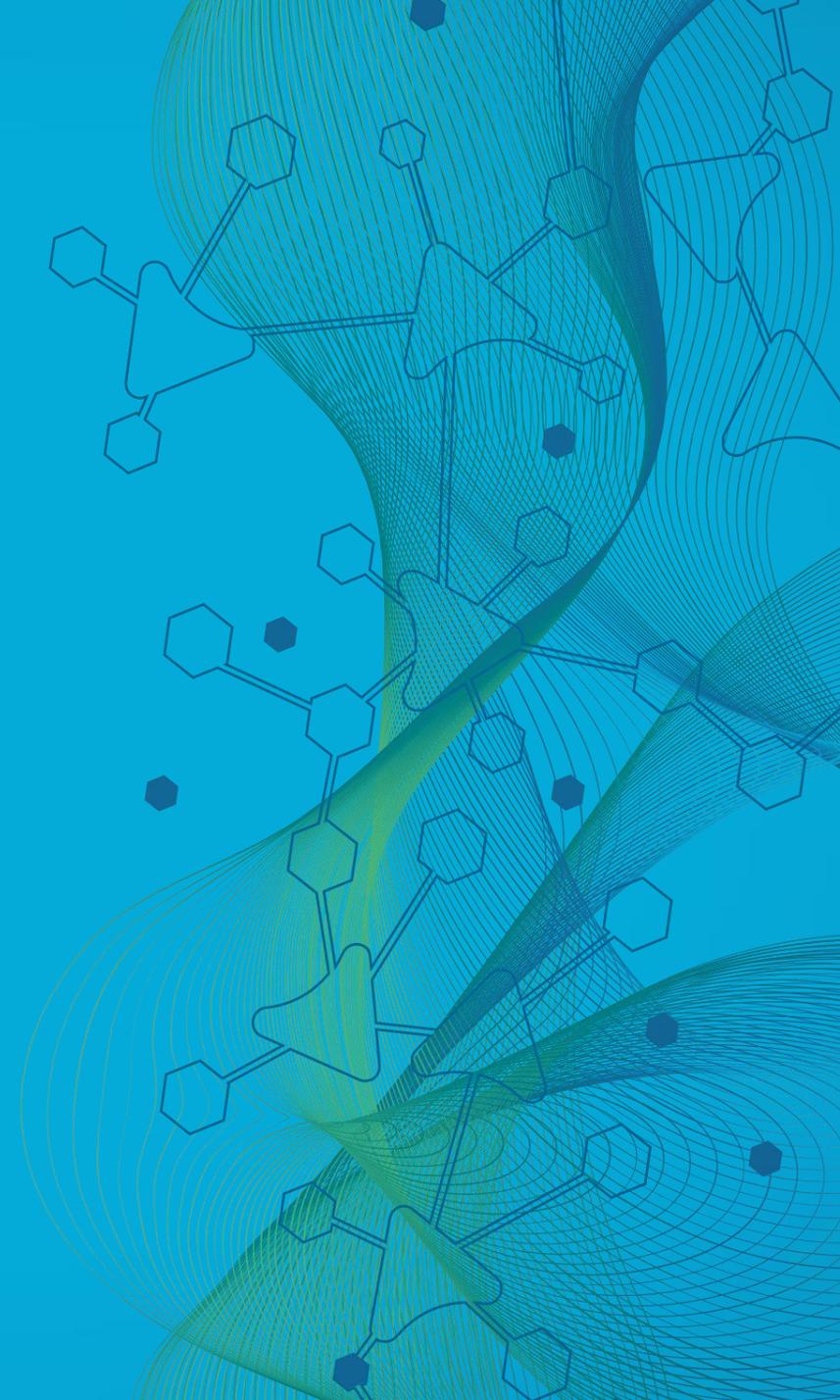
“Valleys of Death”

Source: Graphic adapted from Maxi Miciak

Emerging and Leading Practices



3. Future State



Small Breakout Groups to Address 3 Key Questions



It's Your Turn!

1. What is Canada's leadership in advancing research impact across universities, government/funders, industry, Not-for-Profits, etc.?
2. What is distinctive/similar about Canada's approach compared to other jurisdictions (with/without formal assessment systems)
3. What would the desired key principles/characteristics of an integrated Canadian approach to Research Impact be?

What are 3 key things that we can action in the next year?

THANK YOU.

Analysis	To understand why, how and whether research is effective, and how it can be better supported.
Advocacy	To demonstrate the benefits of supporting research, and enhance the understanding of research and its processes among policymakers and the public.
Allocation	To determine how to distribute funding across the research system.
Accountability	To evidence that money and other resources have been used efficiently and effectively, and to hold stakeholders to account.
Acclaim	To compare and recognise the value of higher education institutions and the research conducted within them.
Adaptation	To steer change in organisational structures, behaviours and cultures, and research activities and priorities.

Source: Parks, Sarah, Daniela Rodriguez-Rincon, Sarah Parkinson, and Catriona Manville, The changing research landscape and reflections on national research assessment in the future. Santa Monica, CA: RAND Corporation, 2019 https://www.rand.org/pubs/research_reports/RR3200.html