Building systems that work for real-world evidence development and use

November 28, 2024

INSTITUTE OF HEALTH ECONOMICS
ALBERTA CANADA

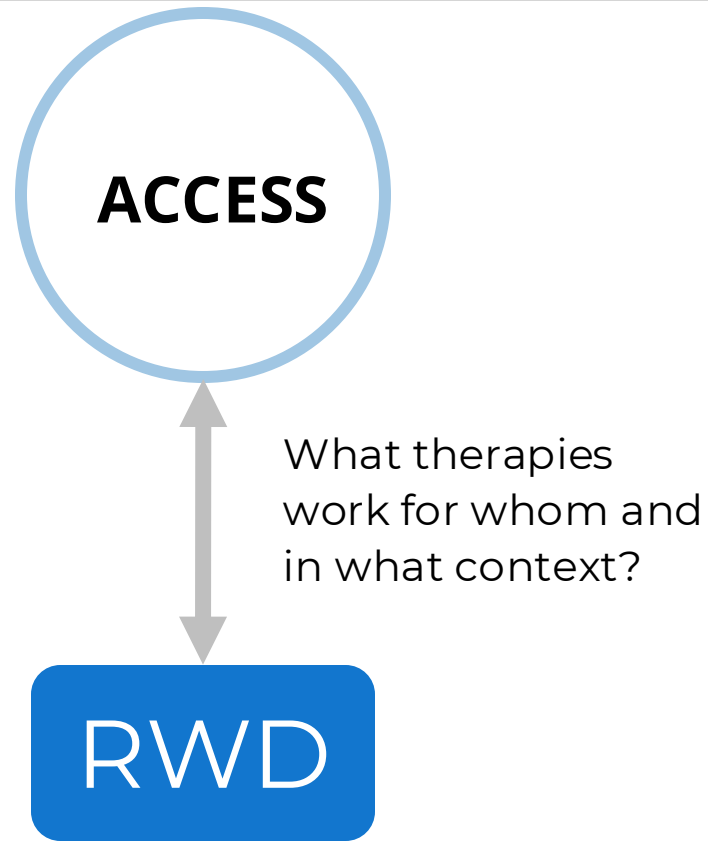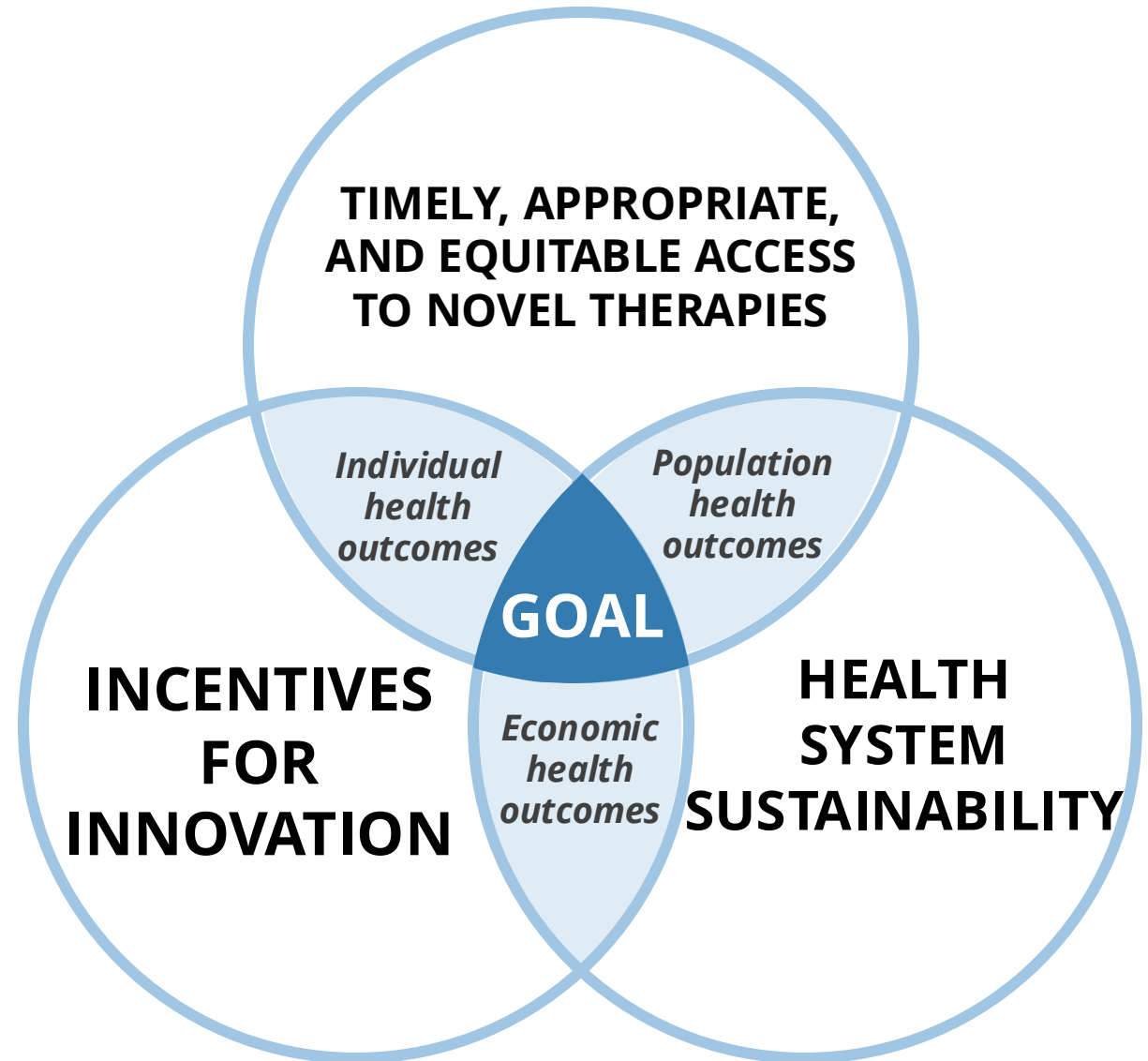Rebeccah Marsh PhD, CE
rmarsh@ihe.ca

The aim

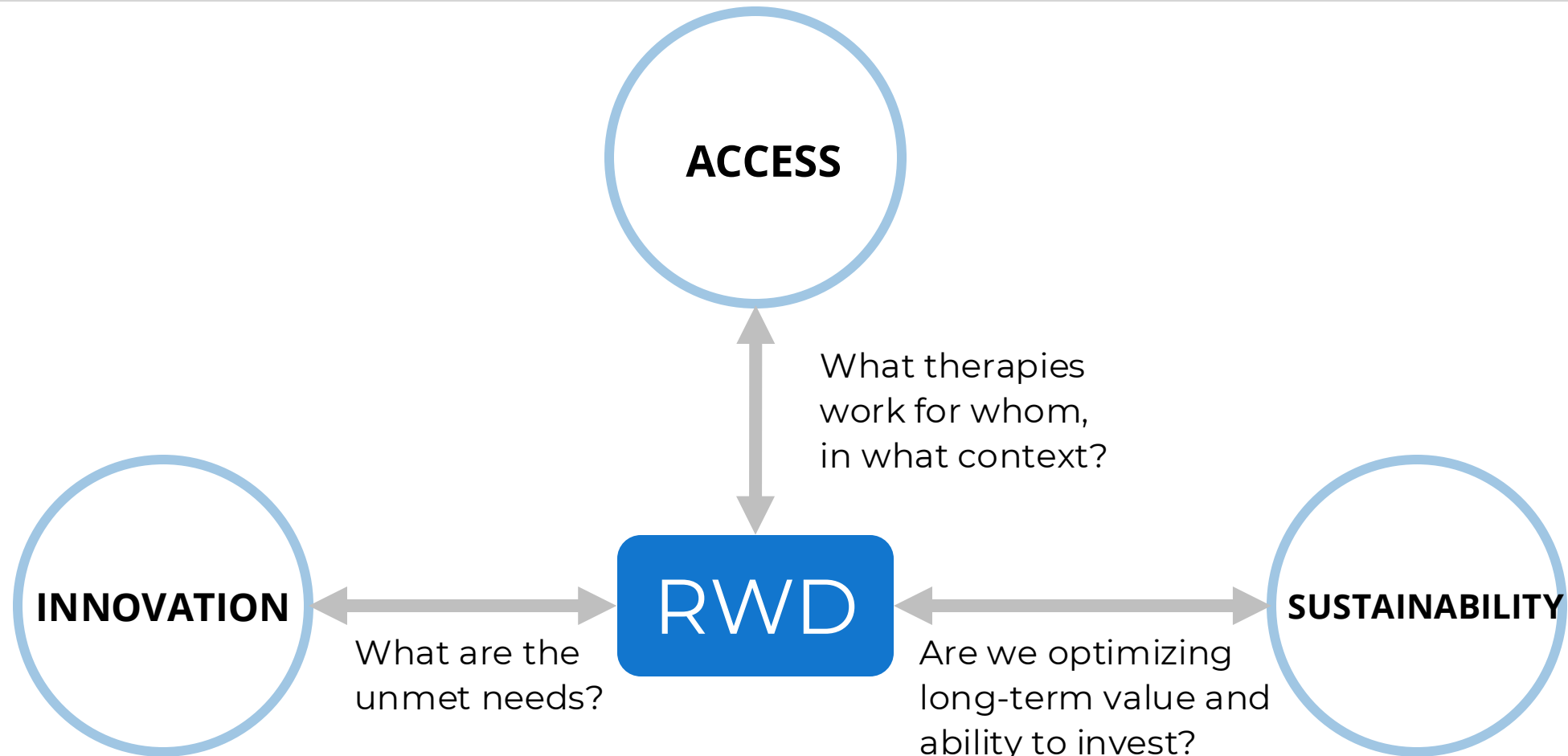**TIMELY, APPROPRIATE, AND EQUITABLE ACCESS TO NOVEL THERAPIES**

Real-world data and evidence is key for access to innovative therapies

ACCESS

What therapies work for whom and in what context?

RWD

Encouraging a broader view

Venn diagram with three overlapping circles:
- TIMELY, APPROPRIATE, AND EQUITABLE ACCESS TO NOVEL THERAPIES
- INCENTIVES FOR INNOVATION
- HEALTH SYSTEM SUSTAINABILITY

Overlap regions:
- Individual health outcomes
- Population health outcomes
- Economic health outcomes
- GOAL (center)

|

RWD also key for sustainability and innovation

ACCESS

What therapies
work for whom,
in what context?

INNOVATION

RWD

What are the
unmet needs?

SUSTAINABILITY

Are we optimizing
long-term value and
ability to invest?

Fueling a system of interconnected outcomes

ACCESS

What therapies
work for whom,
in what context?

INNOVATION

RWD

SUSTAINABILITY

What are the
unmet needs?
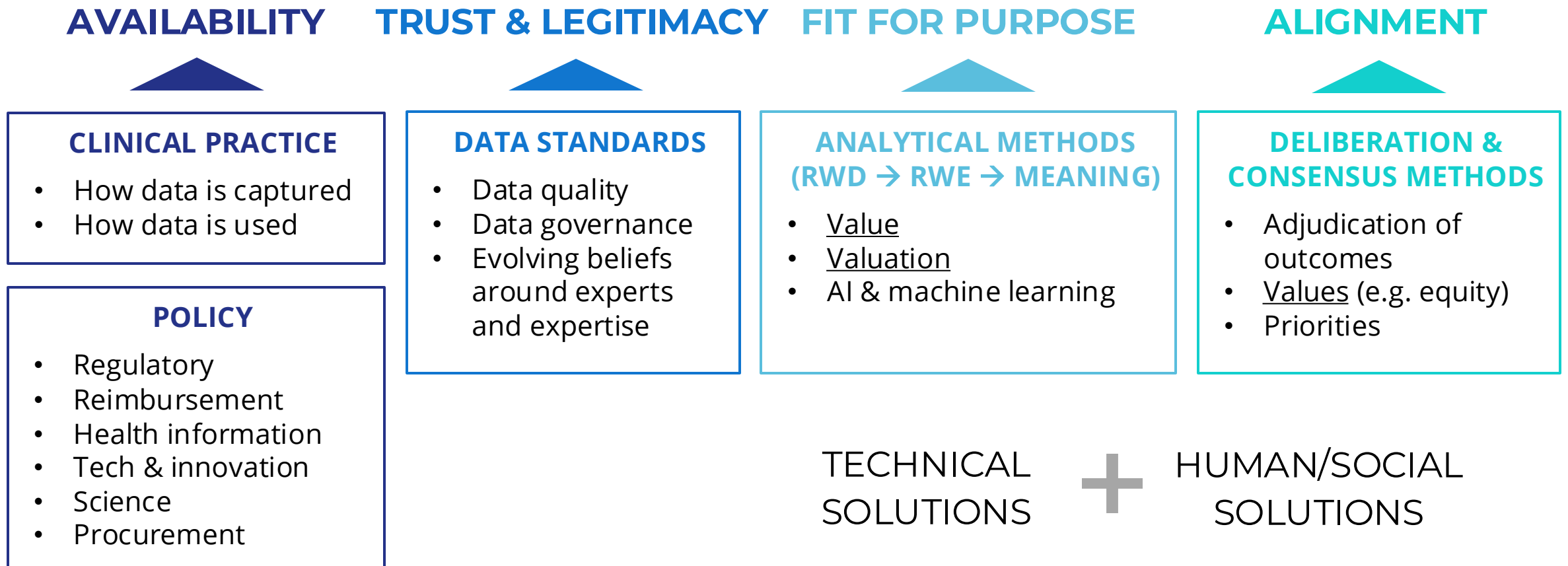
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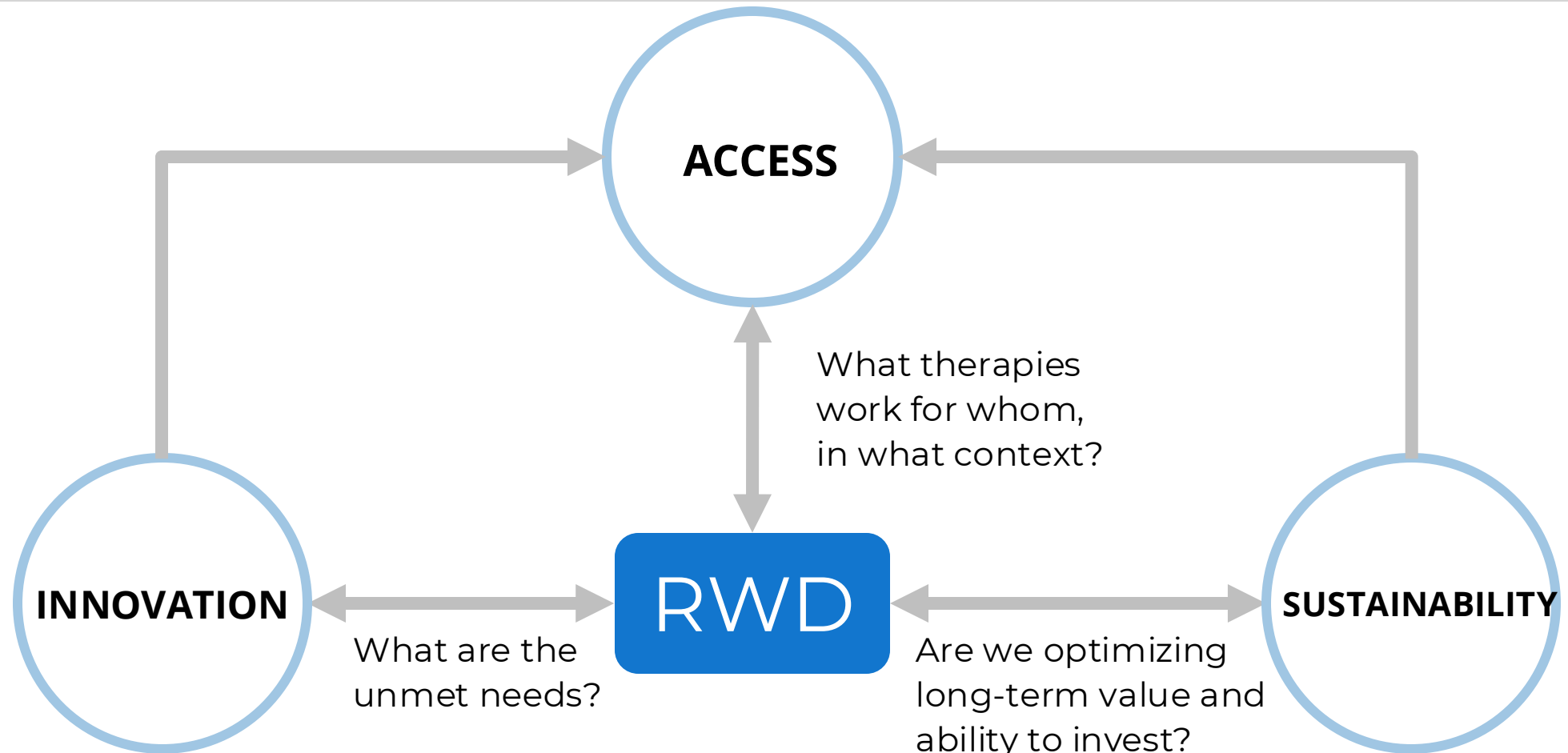
Real-world example

Using RWE to improve access to children's mental health care

Enablers and incentives for RWE use in decision making

AVAILABILITY

▲

CLINICAL PRACTICE
- How data is captured
- How data is used

POLICY
- Regulatory
- Reimbursement
- Health information
- Tech & innovation
- Science
- Procurement

TRUST & LEGITIMACY

▲

DATA STANDARDS
- Data quality
- Data governance
- Evolving beliefs around experts and expertise

FIT FOR PURPOSE

▲

ANALYTICAL METHODS (RWD → RWE → MEANING)
- Value
- Valuation
- AI & machine learning

ALIGNMENT

▲

DELIBERATION & CONSENSUS METHODS
- Adjudication of outcomes
- Values (e.g. equity)
- Priorities

TECHNICAL SOLUTIONS **+** HUMAN/SOCIAL SOLUTIONS

We need a systems approach to RWE policy & practice

Government of Canada / Gouvernement du Canada

Search Canada.ca

MENU ⌄

Canada.ca › Health › Health system and services › Health care system › National Pharmacare

The National Strategy for Drugs for Rare Diseases

On this page

- Overview
- Working with provinces and territories
- Research partners and initiatives
- Resources for patients and practitioners

Overview

On March 22, 2023, the Government of Canada anno
Drugs for Rare Diseases. This will help increase acce
affordable for patients across Canada. The strategy

1. Support patient outcomes and sustainability
2. Invest in innovation
3. Seek national consistency
4. Collect and use evidence

Pan-Canadian Artificial Intelligence Strategy

Through the Pan-Canadian Artificial Intelligence Strategy, the Government of Canada is in
adoption of artificial intelligence across Canada's economy and society. The second phase
Canada's world-class talent and research capacity with programs to enable commercializa
ensure that Canadian ideas and knowledge are mobilized and commercialized here at hor

The Pan-Canadian Artificial Intelligence Strategy has three pillars, which bring together pa

Pan-Canadian Health Data Strategy:
Toward a world-class health data system

Expert Advisory Group – Final Report
May 2022