



**Institute
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Health**

Research Excellence
Advancing Employee
Health

The Approach to Knowledge Transfer and Exchange at the Institute for Work & Health

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(on behalf of the extended KTE family at IWH)

Prevention Knowledge Exchange Group

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IWH Definition of KTE (and goal)

A **process of exchange** between researchers and stakeholders/knowledge-users designed **to make relevant research information available and accessible to stakeholders for use in practice, planning and policy-making**





Who are the users of IWH research?

Health and safety associations

Health and safety practitioners: ergonomists, consultants

Workplaces (including managers and worker representatives)

Government

Workers' compensation boards

Employers and employer associations

Unions

Workers and injured worker associations

Clinical practitioners: physiotherapists, kinesiologists, chiropractors, occupational therapists, nurses

Disability management professionals



Health and safety system partners

Workplace Safety &
Insurance Board
(WSIB)

Ministry of Labour
(MOL)

Other agencies:
e.g. Office of the
Worker Advisor,
Employer Advisor, etc.

Occupational Health Clinics
for Ontario Workers
(OHCOW)

Workers Health &
Safety Centre
(WHSC)

Centres for Research Expertise

- Prevention of Musculoskeletal Disorders (CRE-MSD)
- Occupational Disease (CREOD)
- Occupational Cancer Research Centre (OCRC)

Sector-based Health & Safety Associations

- Workplace Safety & Prevention Services (WSPS)
- Public Services Health & Safety Association (PSHSA)
- Infrastructure Safety Association (IHSA)
- Workplace Safety North (WSN)

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KTE Structure at IWH





How do we achieve our goal

1. Build stakeholder networks and relationships
2. Build stakeholder/knowledge user engagement into research process
3. Enhance capacity in our audiences to better understand and make use of evidence
4. Develop tools, communication technologies and techniques that facilitate the dissemination and application of research evidence

Networks
and
relationships

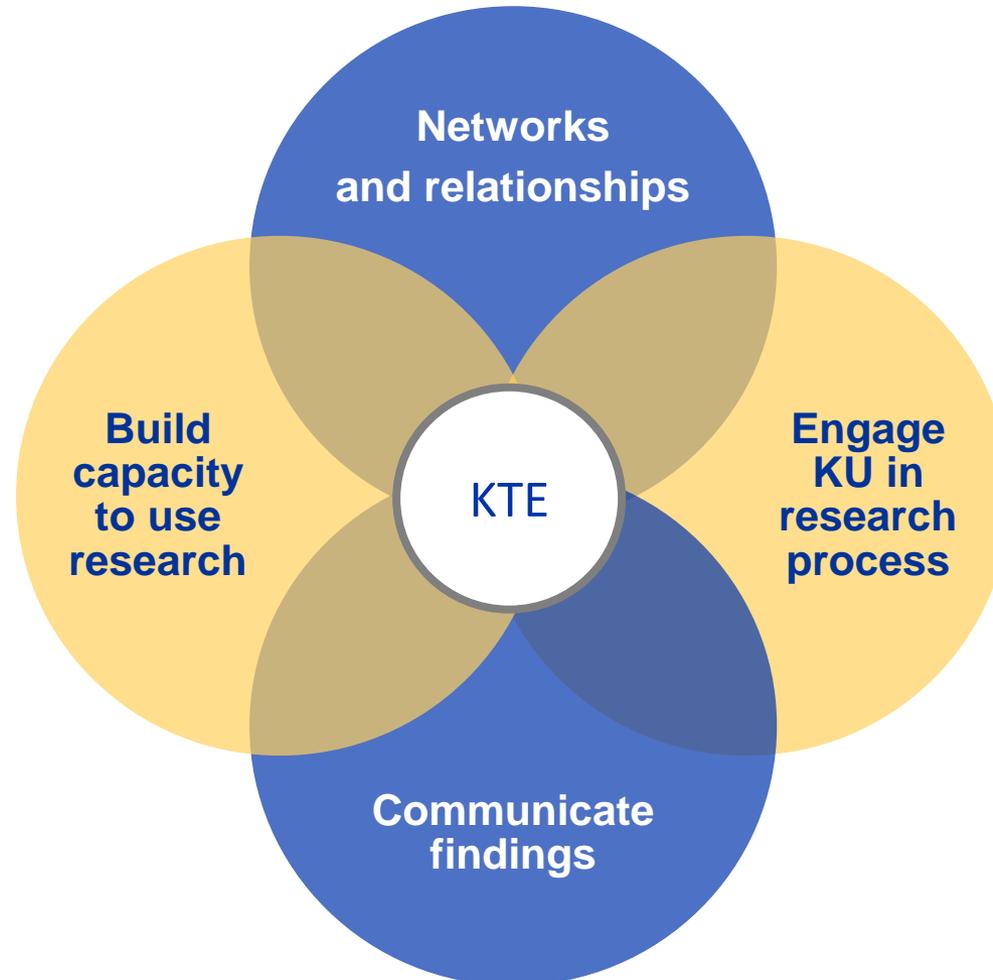
Engage KU
in research
process

Build
capacity to
use research

Communicate
findings



Integrated KTE strategies and activities





Networks and relationships

- Regular meetings with:
 - health and safety system partners
 - policy officials
 - influential practitioners



Engage KU in research process

- Regular consultations on emerging issues
- Pre-grant focus groups/consultations
- Stakeholder participation in advisory committees or as research team members
- Follow ups to identify how research is used



Communicate findings

- Evidence-based tools/guidelines
- Newsletters (*At Work, IWH News*)
- Research summaries
- Summaries of systematic reviews (*Sharing Best Evidence*)
- Briefings on policy issues (*Issue Briefing*)
- Via our website, social media, e-alerts

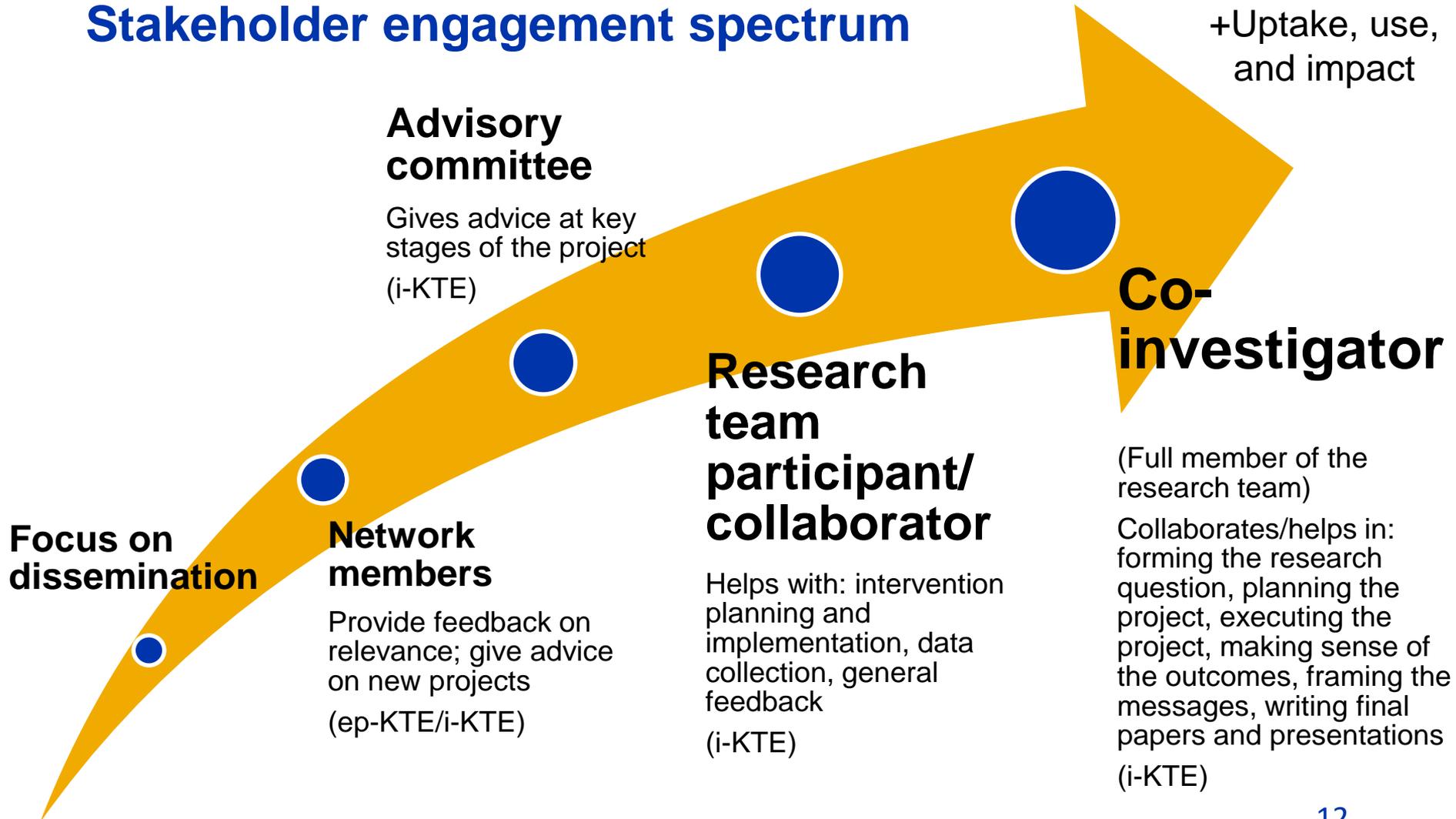


Build capacity to use research

- “*What Researchers Mean By*” column
- Workshops on how to conduct systematic reviews
- Consultations with knowledge users

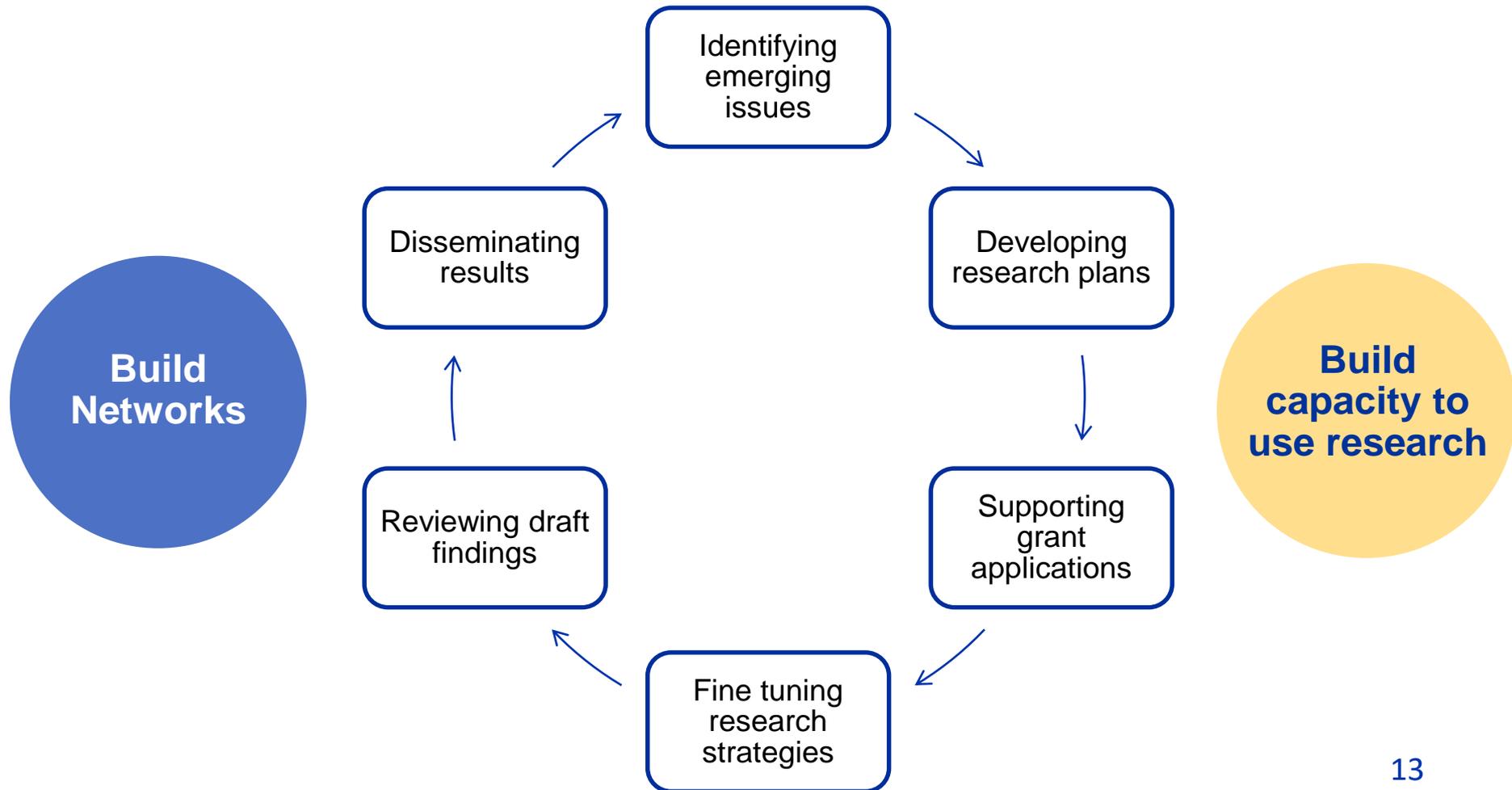


Stakeholder engagement spectrum





Integrating KTE into the research process



Measuring reach and impact



Tracking reach

- Numbers tracked
 - Grants received, journal articles published
 - Subscribers to newsletters and other products
 - Website visitors, page views and downloads
 - Media mentions
 - Presentations to stakeholders
 - Stakeholder meetings
 - Network meetings





Measuring impact

- Tracking use of our work and documenting impact on policies, practices and health and safety outcomes
- Difficult to do quantitatively. We rely mainly on testimonials and case studies
- Case studies tell stories of use and/or impact of our work
- We identify case study candidates through testimonials, **advisory committees, research collaborations**, and by monitoring reports of WSIB and MOL. (Our integrated approach to KTE helps us identify impact.)



Research Impact Model

Type 1 case study: Evidence of the diffusion of research

Evidence that IWH research is referred to by external stakeholders

Type 2 : Evidence of research informing decision-making

Evidence that IWH research affects legislation, policies, programs, workplace practice or clinical practice

Type 3: Evidence of societal impact

Evidence that IWH research contributes to changes in outcomes, e.g. work injury/illness rates, disability duration (Attribution a challenge—but occasionally a policy official is explicit)



Research impact case study categories

Type1:

Evidence of
diffusion of
research evidence

Common, simple
to document

Type2:

Evidence of
research informing
decision-making

Less common,
Moderate effort to
document

Type3:

Evidence of
Societal impact:
Health benefits,
Economic benefits

Attribution and
benefits difficult to
estimate

And hot off the press...



Integrated Knowledge Transfer and Exchange: An Organizational Approach for Stakeholder Engagement and Communications

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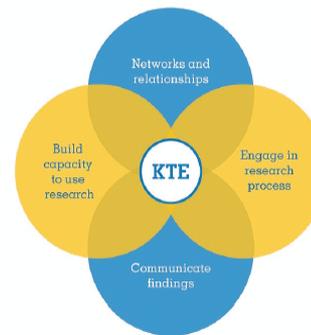
Abstract

Background Knowledge transfer and exchange (KTE) is a process of making relevant research information available and accessible for use in practice or policy. Integrated KTE, where knowledge users are engaged in the research process, is considered to better facilitate uptake and use. The objective of this article is to describe a fully integrated KTE approach developed over the past 20 years.

Analysis A case study approach describes knowledge user engagement, as well as the integration of communications within KTE.

Conclusion and implications The organizational KTE approach described is flexible and can be adapted to a variety of research areas.

Keywords Integrated knowledge transfer and exchange; Stakeholder engagement; Communications; Knowledge transfer and exchange practitioner



Integrated KTE strategies and activities

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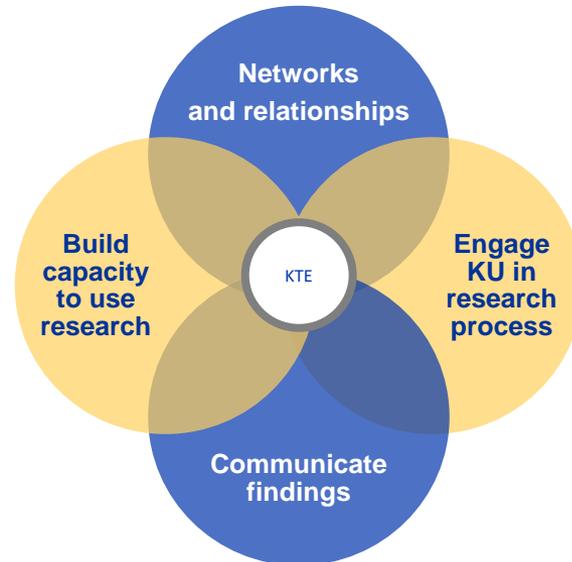
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Questions? Answers?





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