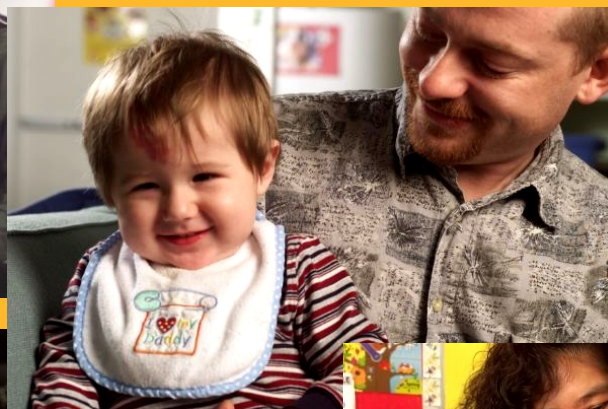


Using Administrative Data to Study Child Health:

Knowledge Translation



Presented by Dr. Rob Santos, Healthy Child Manitoba Office, Healthy Child Committee of Cabinet, Government of Manitoba
The MCHP 20th Anniversary Conference: Celebrating 20 Years of Health Services and
Population Health Research – March 8-9, 2010, Winnipeg, Manitoba, Canada



Knowledge Needs of Policy-Makers:

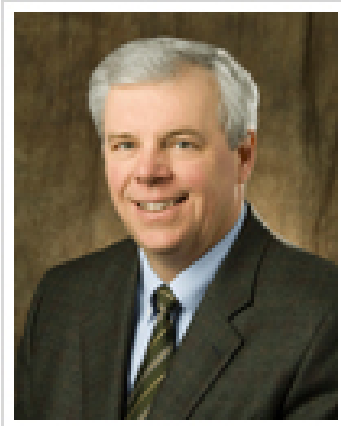
1. **Prevalence** (e.g., Don, Marni)
2. **Predictors** (e.g., Anita)
3. **Policy/Program Effects** (e.g., Marni, Anita – coming soon)
4. **Prices** (e.g., Don)

AKA

1. **Epidemiology**
2. **Explanation**
3. **Evaluation**
4. **Expenditure**

Leadership: Manitoba's Premier and Healthy Child Committee of Cabinet

- Established in March 2000 by Premier Gary Doer (1999-2009)
- Only legislated Cabinet committee in Canada dedicated to the well-being of children and youth



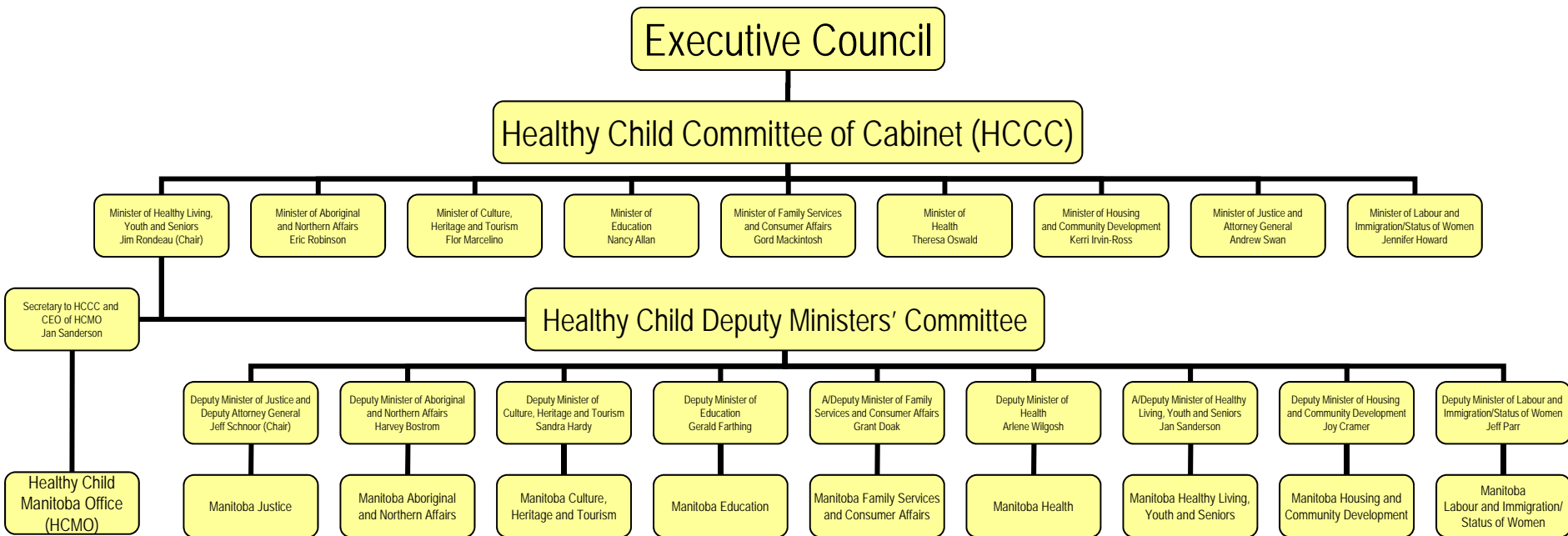
Greg Selinger
Premier of Manitoba



HCCC members:

- Jim Rondeau, Minister of Healthy Living, Youth and Seniors (Chair)
- Eric Robinson, Minister of Aboriginal and Northern Affairs
- Flor Marcelino, Minister of Culture, Heritage and Tourism
- Nancy Allan, Minister of Education
- Gord Mackintosh, Minister of Family Services and Consumer Affairs
- Theresa Oswald, Minister of Health
- Kerri Irvin-Ross, Minister of Housing and Community Development
- Andrew Swan, Minister of Justice and Attorney General
- Jennifer Howard, Minister of Labour and Immigration, Minister Responsible for the Status of Women

Bridging Government Departments: Intersectoral Knowledge Structures in Manitoba



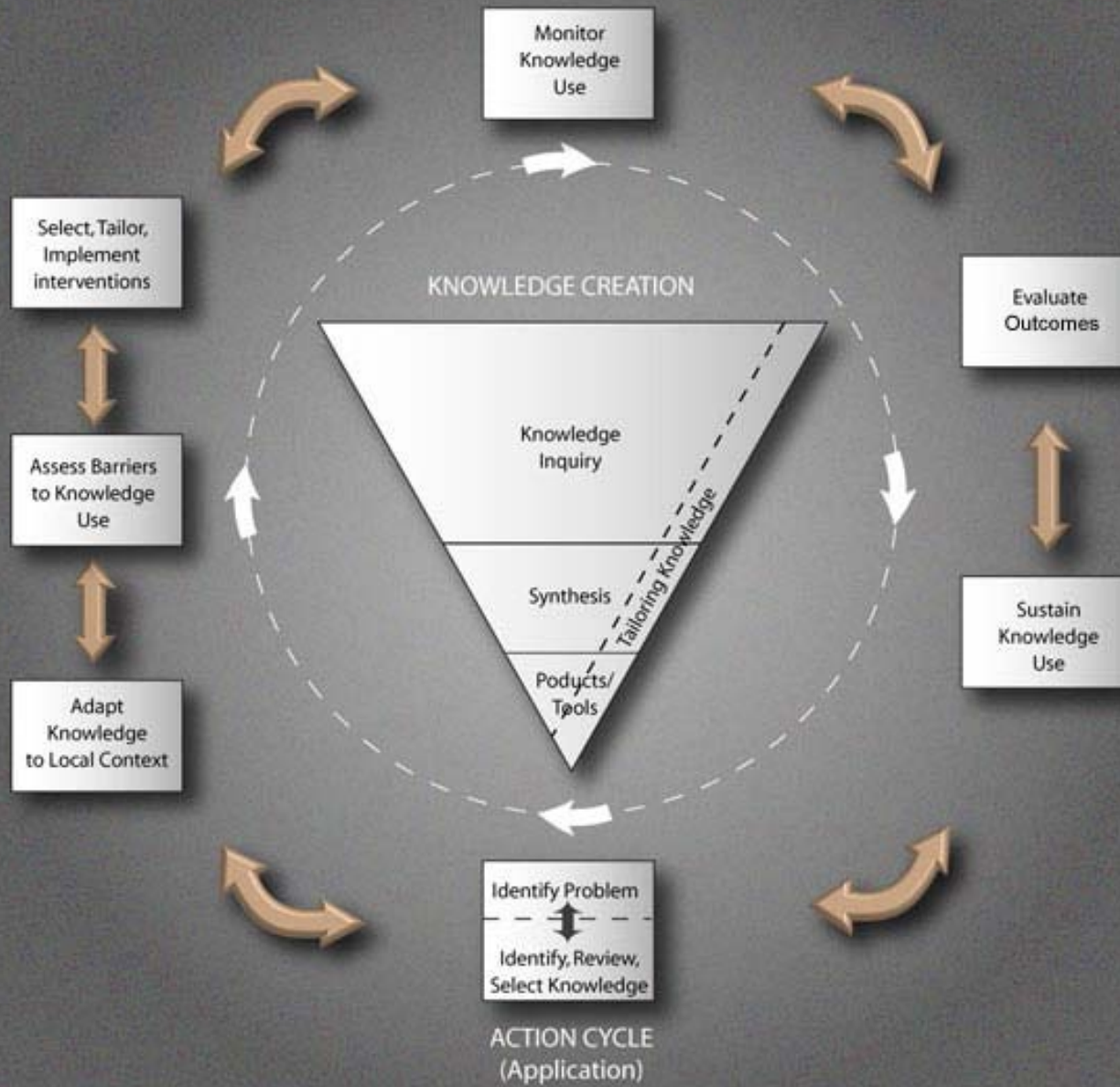
- Both horizontal and vertical structures are essential
- HCMO: 5-part mandate (community development, research, policy, practice, evaluation), dedicated staff and budget, direct access to Ministers and Deputy Ministers, and direct collaboration with all partner ministries and cross-sectoral community partners

MCHP Deliverables for HCCC:

Minister of Health permanently allocated one of the ministry's annual MCHP deliverables to the Healthy Child Committee of Cabinet (HCCC):

- **2005/06** – Next Steps in the Provincial Evaluation of the BabyFirst Program: Measuring Early Impacts on Outcomes Associated with Child Maltreatment (published 2007)
- **2006/07** – Manitoba Child Health Atlas Update (published 2008)
- **2007/08** – Evaluation of the Healthy Baby Program (forthcoming in 2010)
- **2008/09** – The Early Development Instrument (EDI) in Manitoba (forthcoming in 2010)
- **2009/10** – Perinatal Services and Outcomes in Manitoba (just underway)
- **2010/11** – *to be announced soon*

KNOWLEDGE TO ACTION PROCESS



Source:
CIHR
(cf. CMAJ)

KNOWLEDGE TO ACTION PROCESS

coming soon

coming soon

Select, Tailor, Implement interventions

Assess Barriers to Knowledge Use

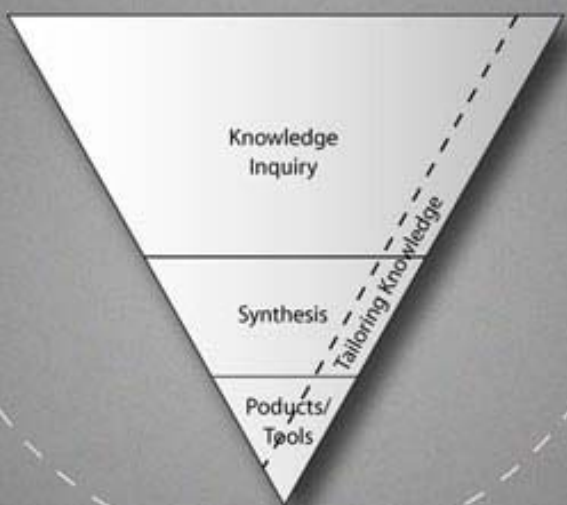
Adapt Knowledge to Local Context

Monitor Knowledge Use

Evaluate Outcomes

Sustain Knowledge Use

KNOWLEDGE CREATION



Identify Problem
Identify, Review, Select Knowledge

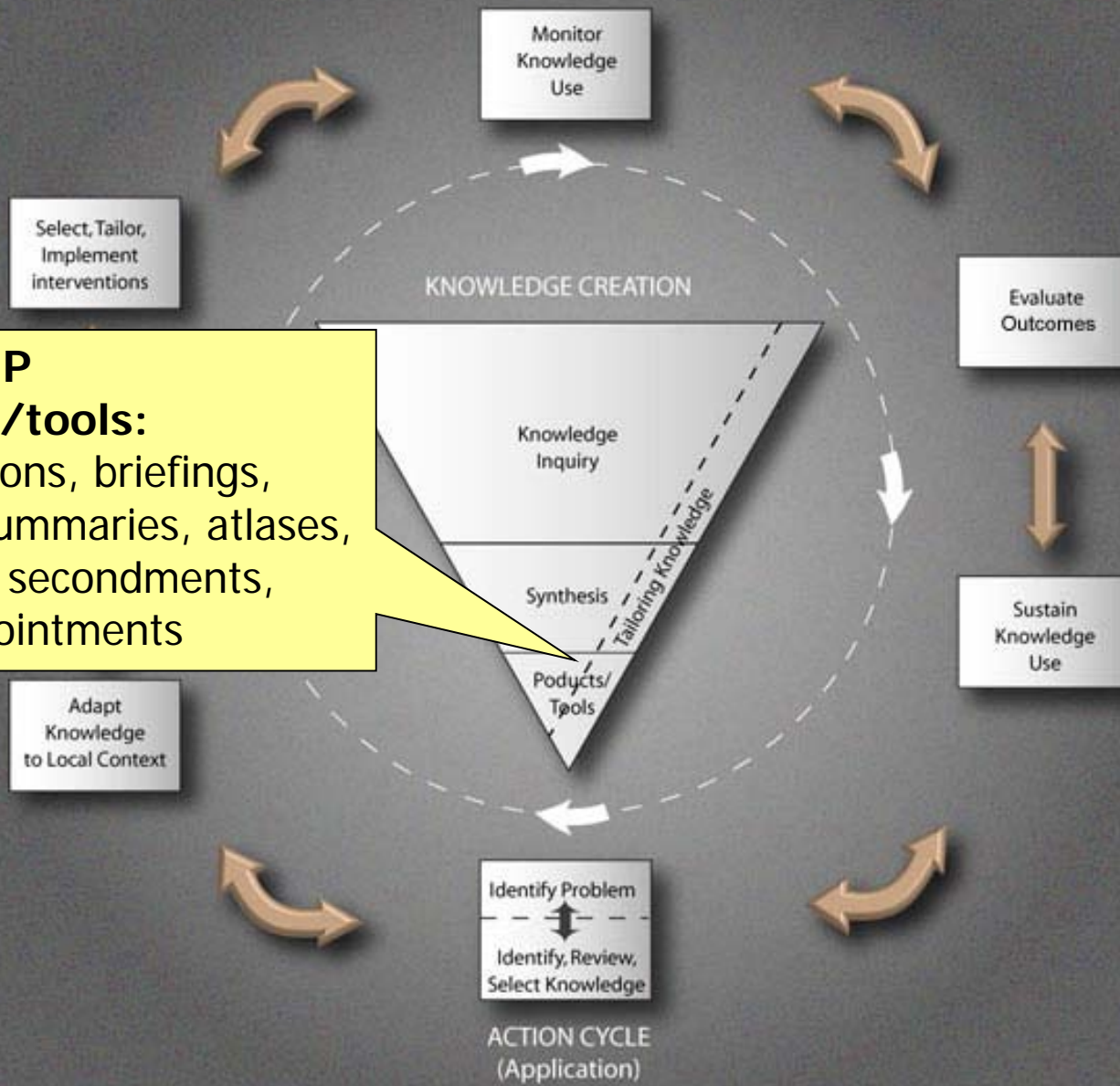
ACTION CYCLE (Application)

- political
- structural
- technical

The power of local data at a population level
(cf. Dan Offord)

Intersectoral/interdisciplinary identification, review, and selection of knowledge

KNOWLEDGE TO ACTION PROCESS



Key MCHP products/tools: presentations, briefings, reports, summaries, atlases, editorials, secondments, cross-appointments

What Makes MCHP KT Work for Child Health Policy in Manitoba

The 3 Rs:

- **Relationships** (respect, responsiveness, reciprocity)
- **Reputation** (world-class – on both sides)
- **Repository** (back to the source: a public good, thinking linking, new questions, new datasets, new KT cycles)

Looking Forward:

- Longitudinal, linked studies
 - long-term follow-up of program participants, prospective birth cohorts
- Large-scale (population level) outcome evaluation
 - Can we change the gradient, level the playing field, and raise the bar for children's developmental outcomes across the life course and across generations?

Our Opportunity and Responsibility

“The charge to society is to blend the skepticism of a scientist, the passion of an advocate, the pragmatism of a policy maker, the creativity of a practitioner, and the devotion of a parent - and to use existing knowledge to ensure both a decent quality of life for all of our children and a promising future for the nation.”

Source: National Research Council and Institute of Medicine (2000, p. 415)



Thank You

For more information, please visit the
Healthy Child Manitoba website:
www.gov.mb.ca/healthychild

