



ORGANISATION FOR ECONOMIC  
CO-OPERATION AND DEVELOPMENT

# Evidence and Change in Educational Systems

**Tracey Burns**

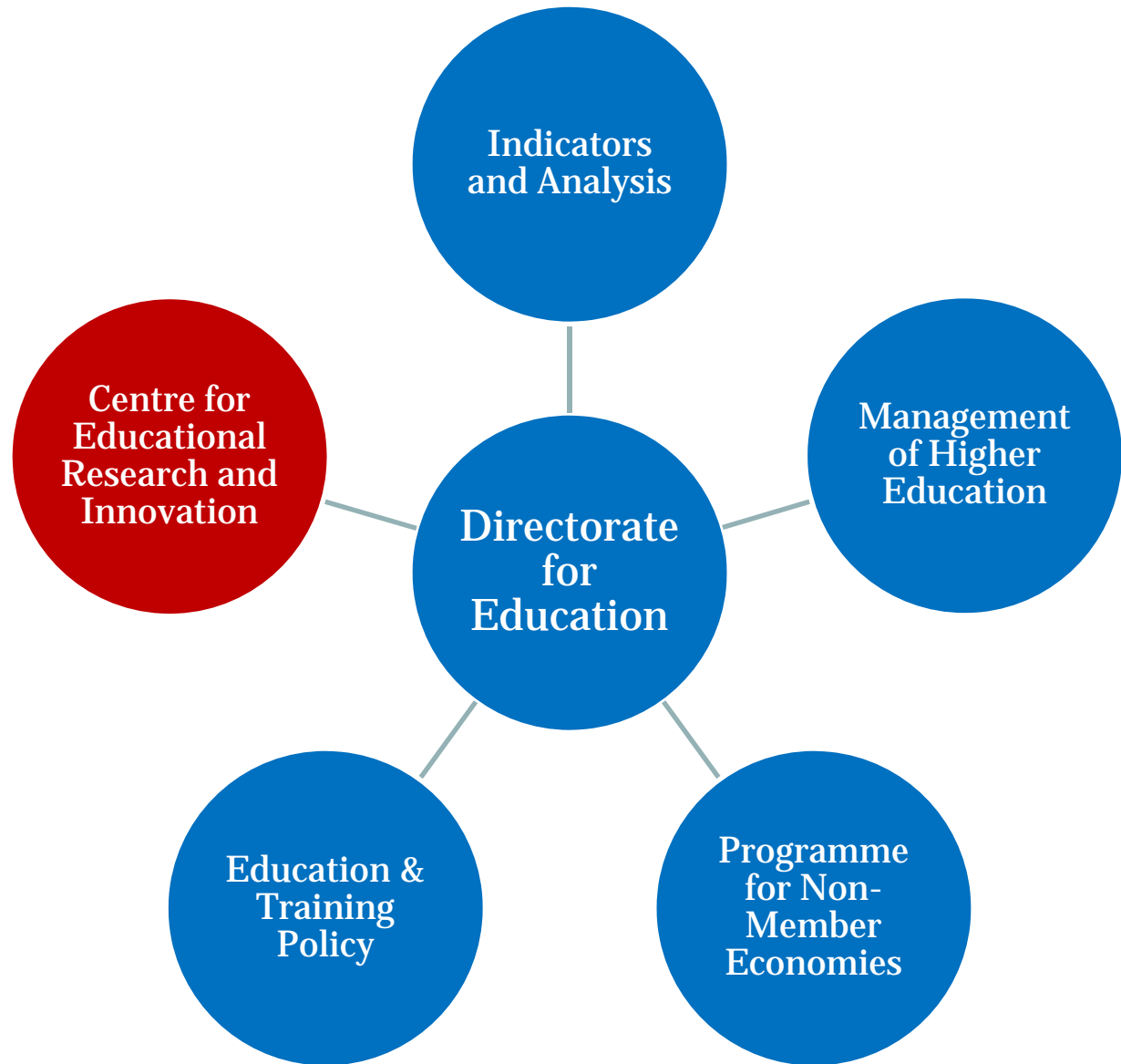
**Campbell Collaboration**

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Centre for Educational Research and Innovation (CERI)

# Directorate of Education



# Background

- *Educational R&D: Trends, Issues and Developments (1995)*
- 2002-6: national reviews of educational R&D:
  - NZ, England, Mexico, Denmark, Switzerland
- *Evidence in Education: Linking Research and Policy (2007)*

# General points

- **Low levels of investment in educational R&D**
- **Weak research-policy links**
- **Low system capacity**
  - **Methodology**
  - **Knowledge networks and brokerage**
  - **Scaling up and sustainability**

# Systemic innovation in education

- **Objectives**
  - Investigate how systems go about change
  - Processes and stakeholder relationships
  - Knowledge Management perspective
- 14 case studies: Australia, Denmark, Germany, Hungary, Mexico, and Switzerland
- Factors that facilitate/impede the use of evidence
- Lessons learned about the use of evidence

# Enablers / Barriers

- Consensus building
- Political vision
- Research evidence
- Brokerage: generation and dissemination of knowledge
  - Legitimizing rigour/quality
  - Developing cooperation/trust

# Specific barriers

- Change fatigue
- Competing policy agendas
- Accountability mechanisms and public policy agendas:
  - Restricted risk management
  - Short-term planning

## Identification of needs

- What are the drivers of change?
- Which stakeholders are involved?

## Evaluation &

= *surveillance/ judgment*

- How and when?
- What criteria are used?
- Summative or formative purpose?
- What are the findings?

## Knowledge base

- Knowledge?
- Knowledge
- Knowledge
- Knowledge sources?

Development of innovation

SS

- Without piloting: large-scale implementation
- With piloting:
  1. Small-scale implementation
  2. Monitoring/evaluation
  3. Scaling-up

## Conclusions

- **Systemic innovation as useful analytical framework**

- Targeted strategy to induce system-wide change

- **Need for formalised knowledge base**

- Losing innovation opportunities
- Not cost effective



## Policy implications

- **SI as guiding principle for innovation policy**

- **Establish a formalised knowledge base**

- Monitoring and evaluation
- Support link between systems research and innovation
- Evidence-informed dialogue with stakeholders

***Thank you!***

***For more information:***

***[www.oecd.org/edu/systemicinnovation](http://www.oecd.org/edu/systemicinnovation)***