

Transforming (and Decolonizing?) How We Do Western Science:

Transformative Science With Society

**Communities, Conservation and Livelihoods
Conference**

30 May 2018

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Where We are Going Today

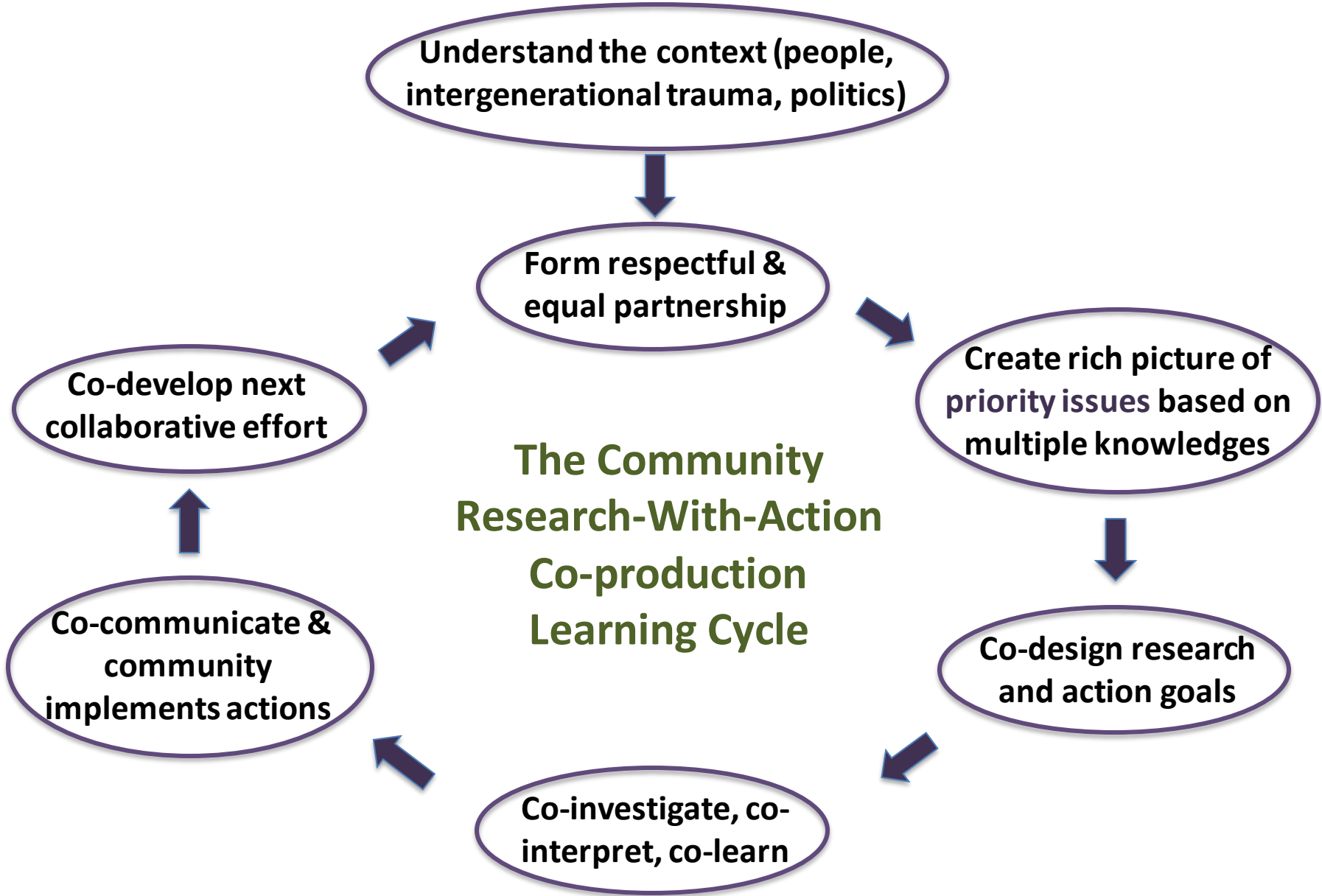
1. Introduction to this session: speakers, short talks, fish bowl
2. Introduction to our discussion subject
 - What does community research-with-action look like today?
 - What is its next evolution, perhaps Transformative Science with Society?



What Does Community Research-With-Action Look Like Today?



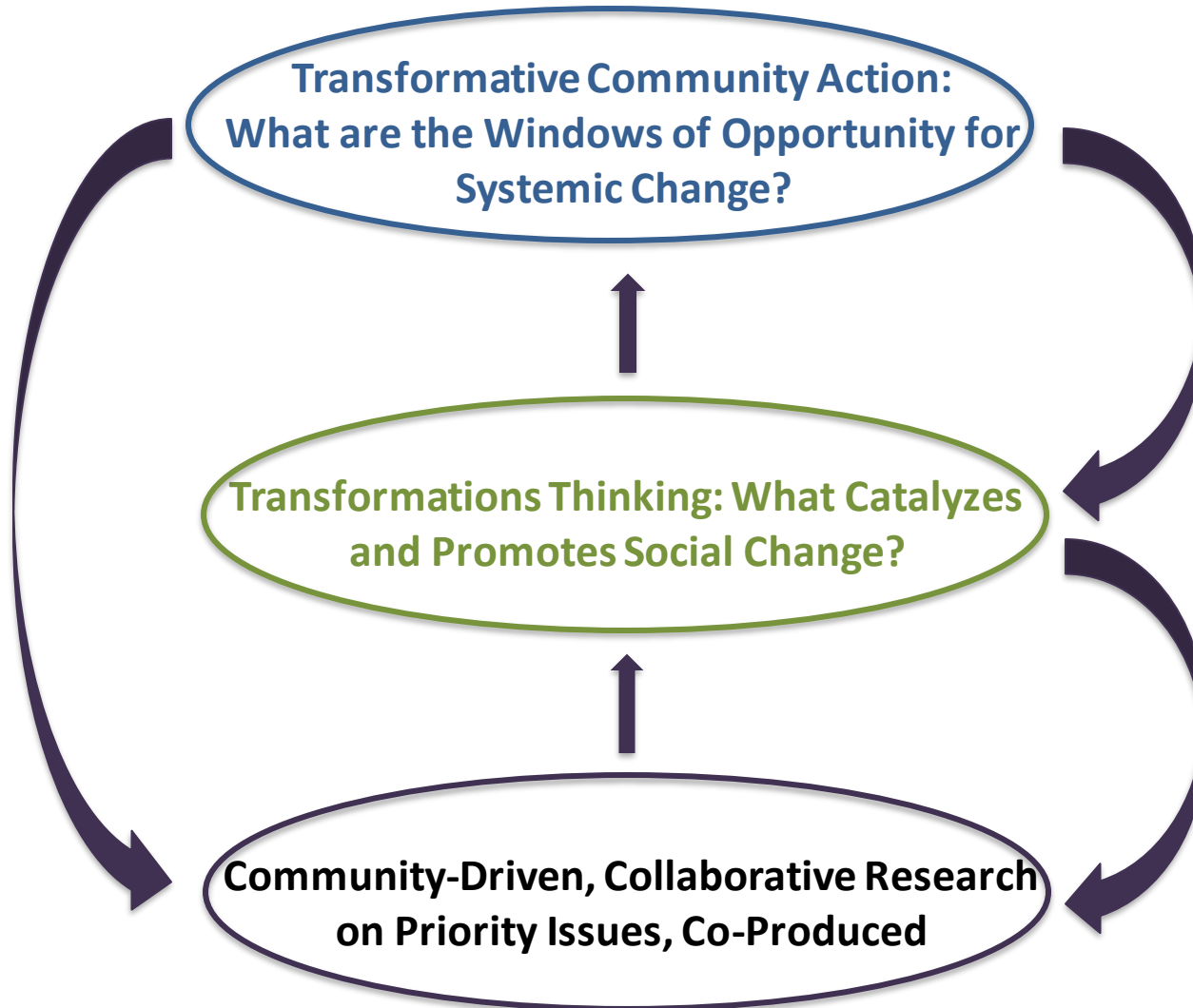
The 'How' of Community Research-With-Action (Western Scientist View)



What is the Next Evolution?



Community Research meets Transformations Thinking and Transformative Community Action



Transformative (and Strategic) Community Action Through Windows of Opportunity

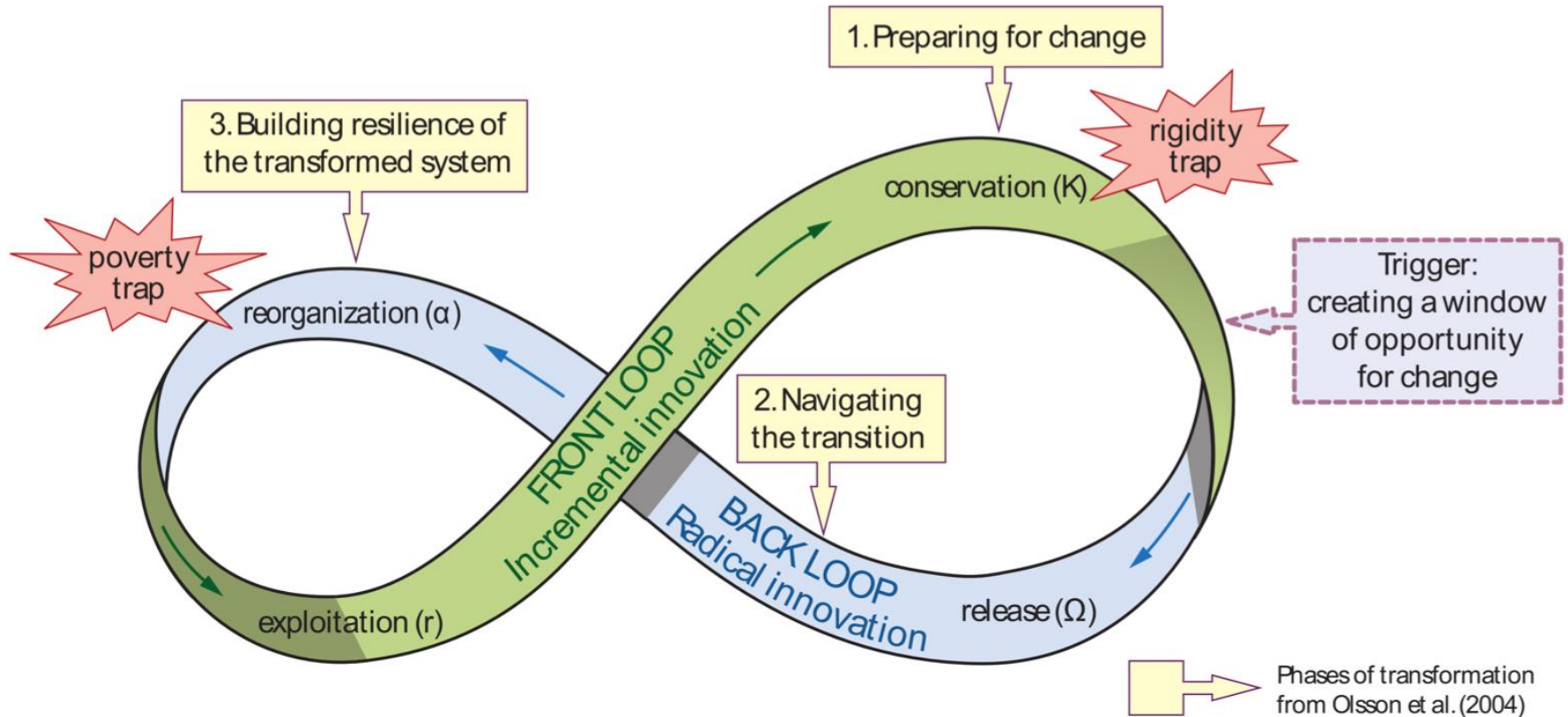


Figure from Biggs et al 2012, based on Holling et al 2002, Olsson et al 2006

The Next Evolution of Science Itself

Trans- (& Inter-) Disciplinary Science



Transformations (Thinking & Action)



Community Research-With-Action

What is it?

- Discipline integration
- Knowledges integration
- Knowledge with action
- Knowledge co-production
- Boundary organizations bridging science & action

Its power

- **Disruptive**
- **Bridging knowledges, connecting with action**
- **Often hypothesis-driven**

What is it?

- Social movements
- Social innovation
- Transformative learning
- Social, institutional entrepreneurship
- Resilience & transformations thinking

Its power

- **Disruptive**
- **Major system change, social and ecological**
- **Scaling out, up and deep**

What is it?

- Indigenous Science
- Citizen science
- Community science
- Participatory action res.
- Action research
- Collaborative science
- Civic science

Its power

- **Disruptive**
- **Often community-driven, participatory**
- **Sometimes large data collection and open access**

Conclusions

- Linking collaborative western science & community action with transformations concepts = greater impacts for our work; scaling up, out and deep
- But we must:
 - Have a much better understanding of how transformation happens, what is our theory of (social) change?
 - Focus strategically at times and places with the potential for the most impact to drive transformation farther and faster
 - Attend to power issues: social, environmental & earth justice
 - Assess the outcomes of transformations

