The Need For a Universal Evidence Base for Environment, Health and Development

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A WORLD OF SHARED CHALLENGES

TNC sees a world where there are no environmental challenges, only **connected challenges for nature and people.**

PROBLEM: SANITATION, NUTRITION, BIODIVERSITY

PROBLEM: AGRICULTURE, WATER, CLIMATE, NUTRITION, NATURE

A WORLD OF SHARED CHALLENGES

CONSERVATION INTERNATIONAL

Building upon a strong foundation of science, partnership and field demonstration, CI empowers societies to responsibly and **sustainably care for nature, our global biodiversity, for the well-being of humanity.**

WCS

WCS envisions a world where wildlife thrives in healthy lands and seas, valued by **societies that embrace and benefit from the diversity and integrity** of life on earth.

A WORLD OF SHARED CHALLENGES

Increasingly recognized by leaders of nations

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ACTING ON JOINT CHALLENGES IS HARD

Silo’d views of connected problems

Ideas of interventions that are hard to connect

Metrics that are hard to pass between fields

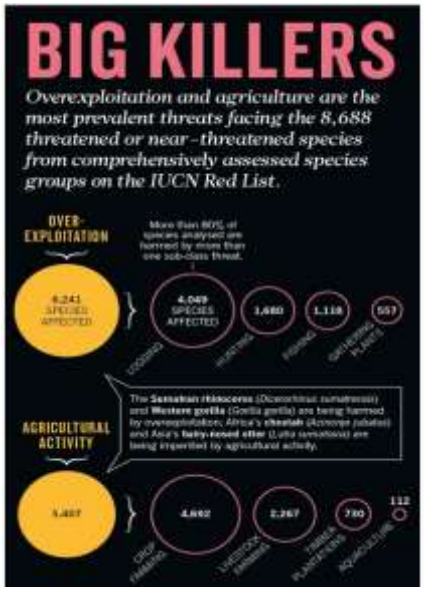
Statements of ‘readiness’ that are not aligned

SILO'D VIEWS OF CONNECTED PROBLEMS

Current evidence—and interpretation falls short

Biodiversity: The ravages of guns, nets and bulldozers

Maxwell et al. *Nature* 536: 143-145



Sustainable Development Goals

WHO HAS THE BEST SOLUTIONS?

FOREST MANAGEMENT • TIME USE
HEAT STRESS

LAND TENURE • INCOME
CONSERVATION

INSECT PROTEIN •
NUTRITION
BIODIVERSITY

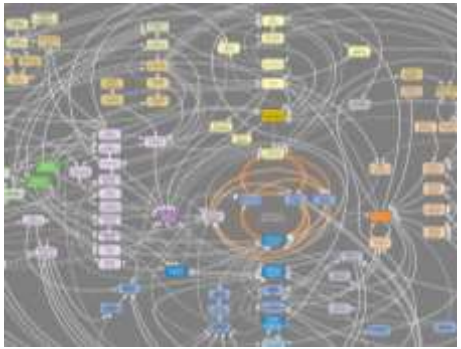
DIFFERENT IDEAS OF ‘STRONG EVIDENCE’

QUALITATIVE

OBSERVATIONS

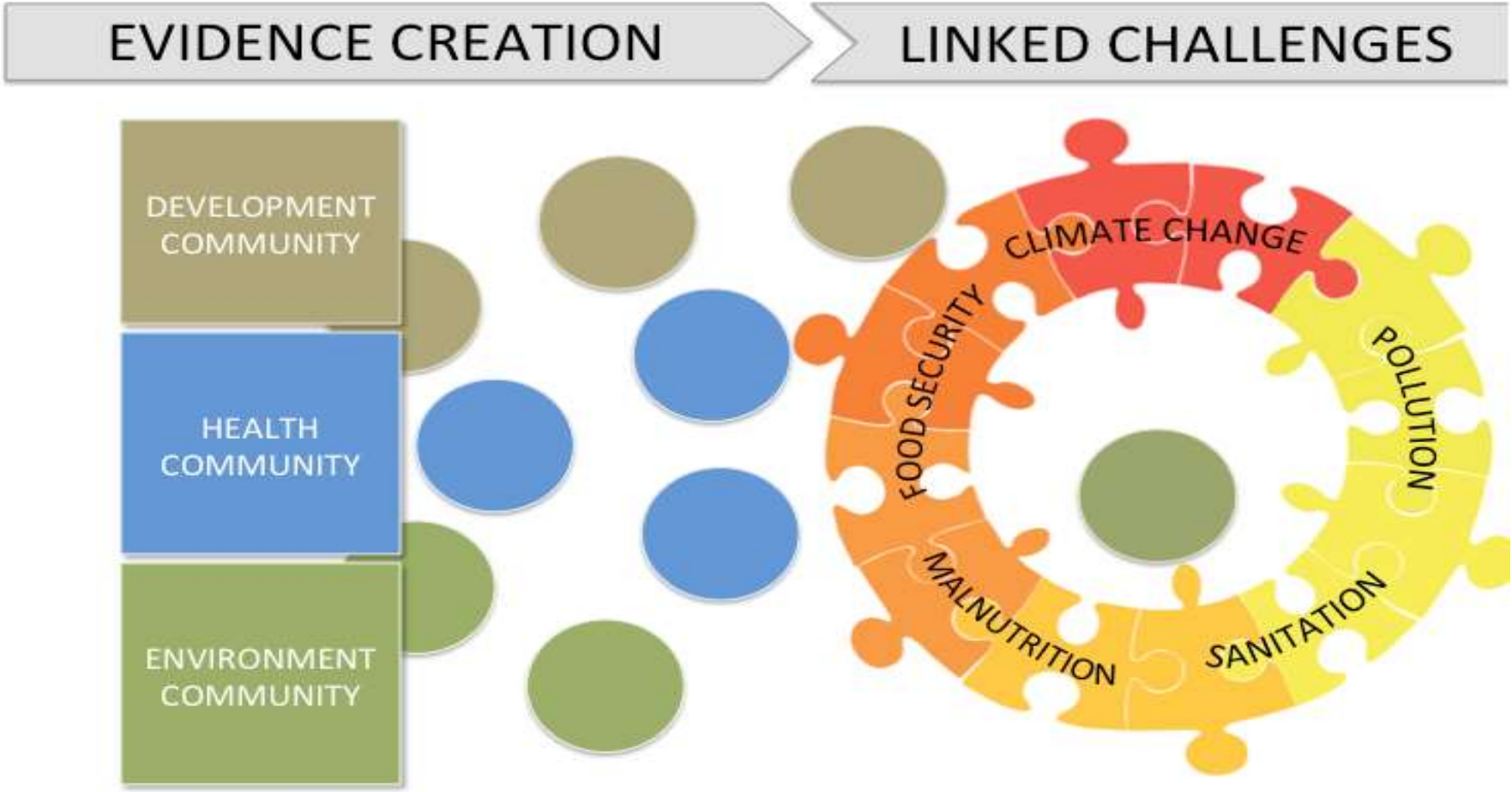
CONTROLLED EXPERIMENTS

MODELS



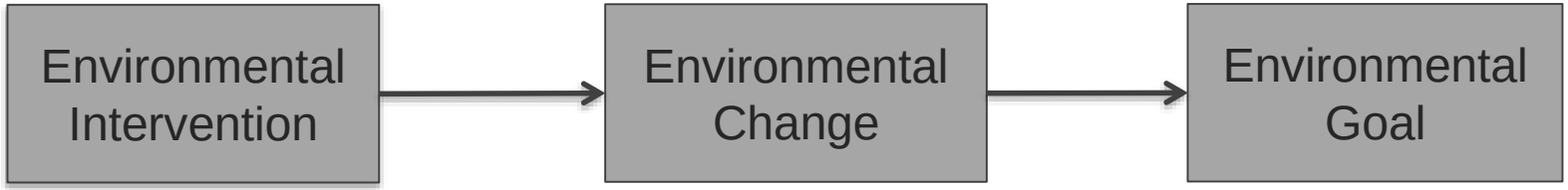
n = 10 vs. n = 100,000

AGGREGATION FALLS SHORT

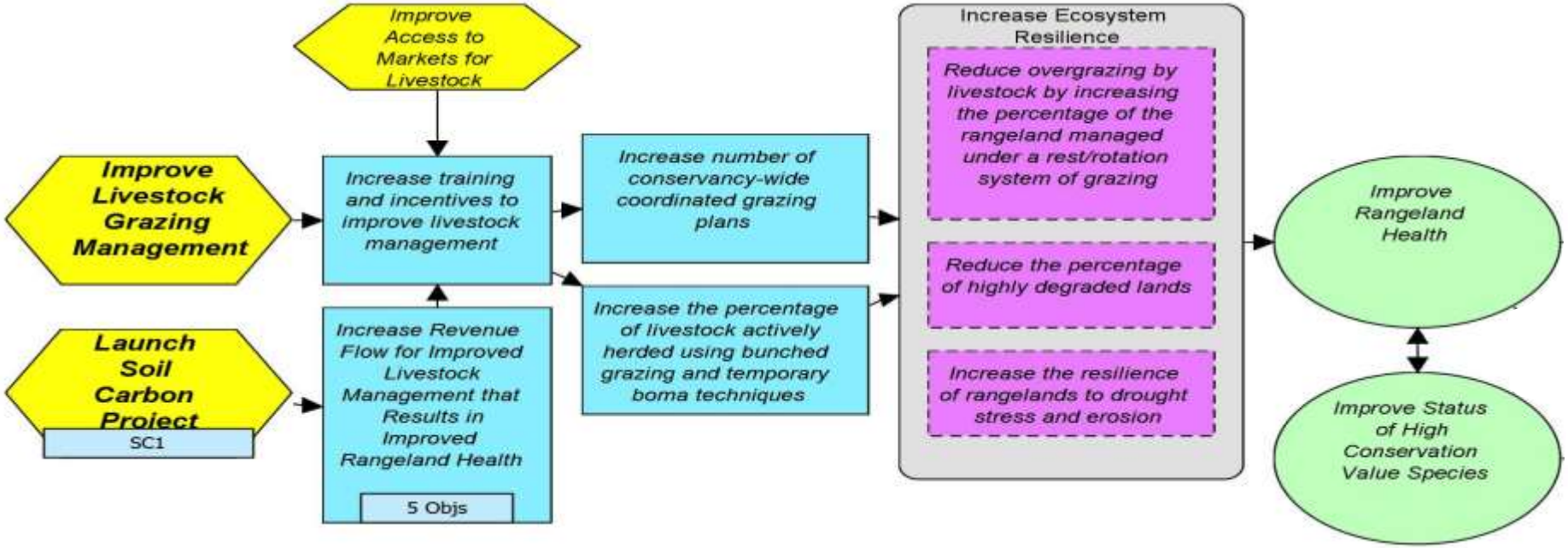


SHARED PRINCIPLES?

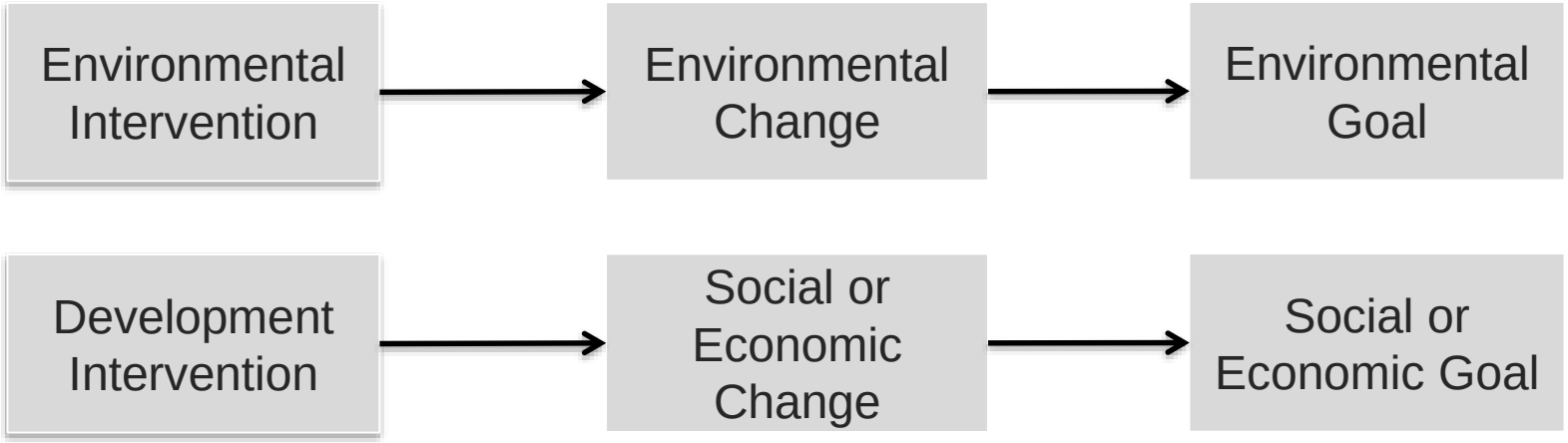
SHARED STARTING POINT



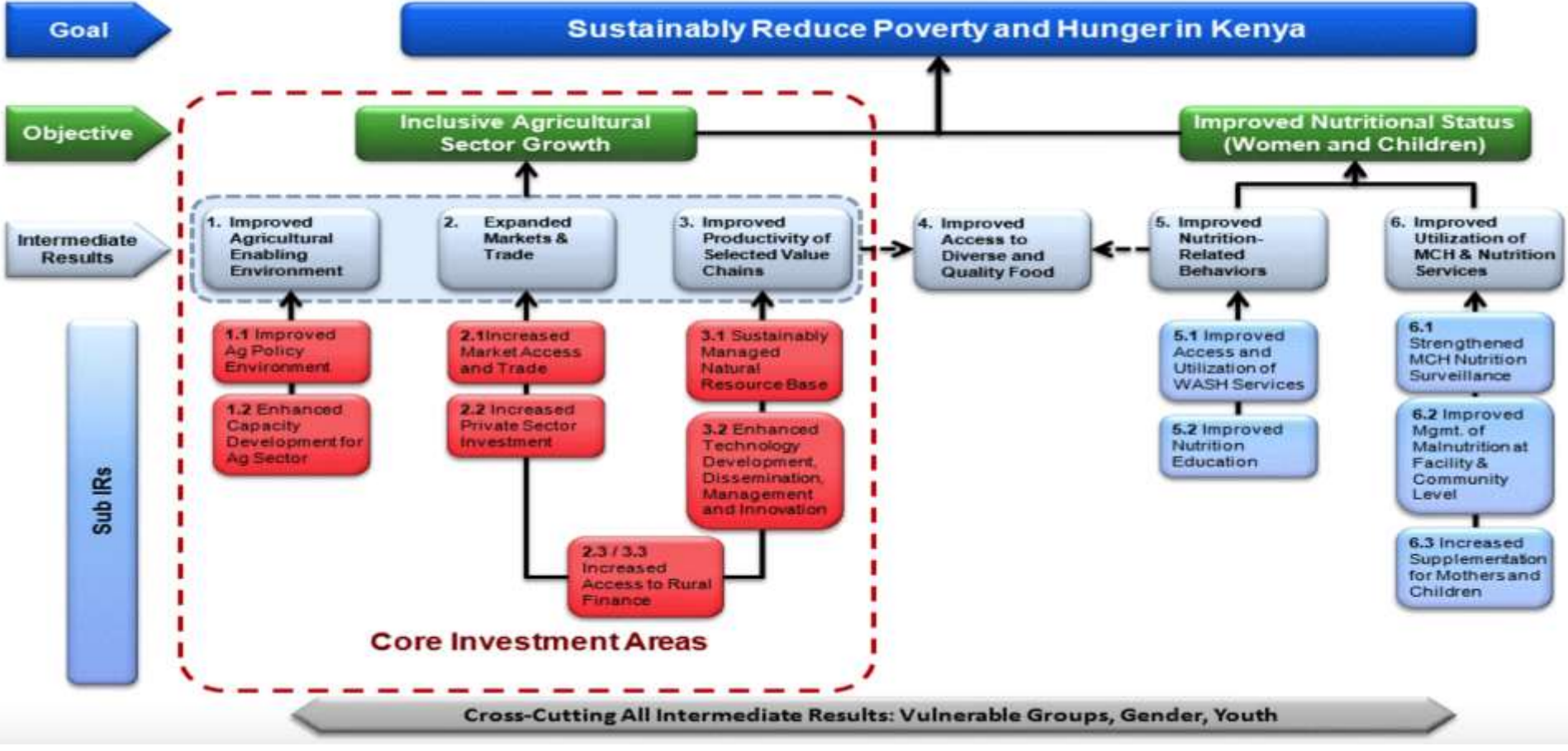
RESULTS CHAINS



SHARED STARTING POINT



THEORY OF CHANGE OR LOG FRAMES



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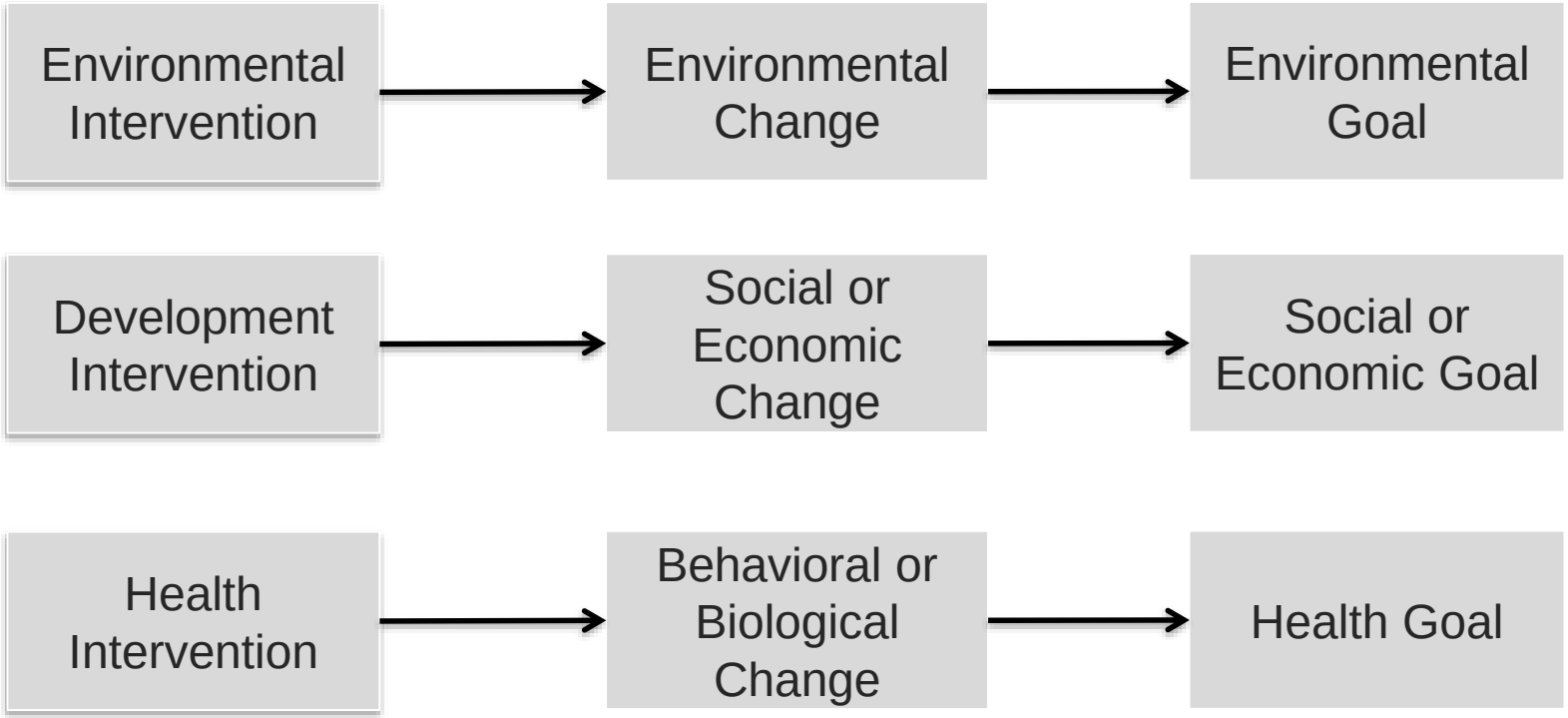
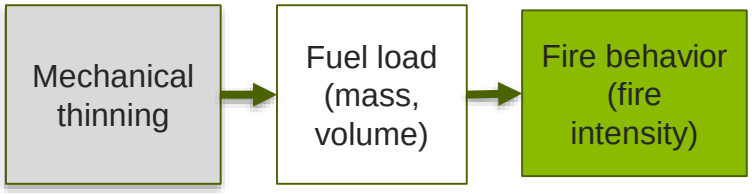


WE'RE ALL DOING THE SAME BASIC THING

….just a little differently.

SEE MORE OF THE PROBLEM



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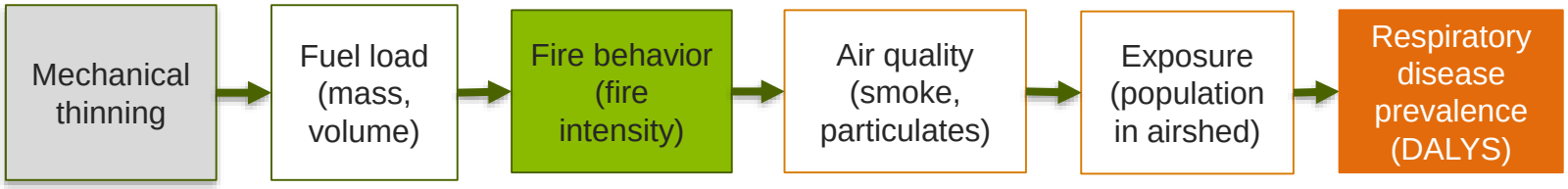
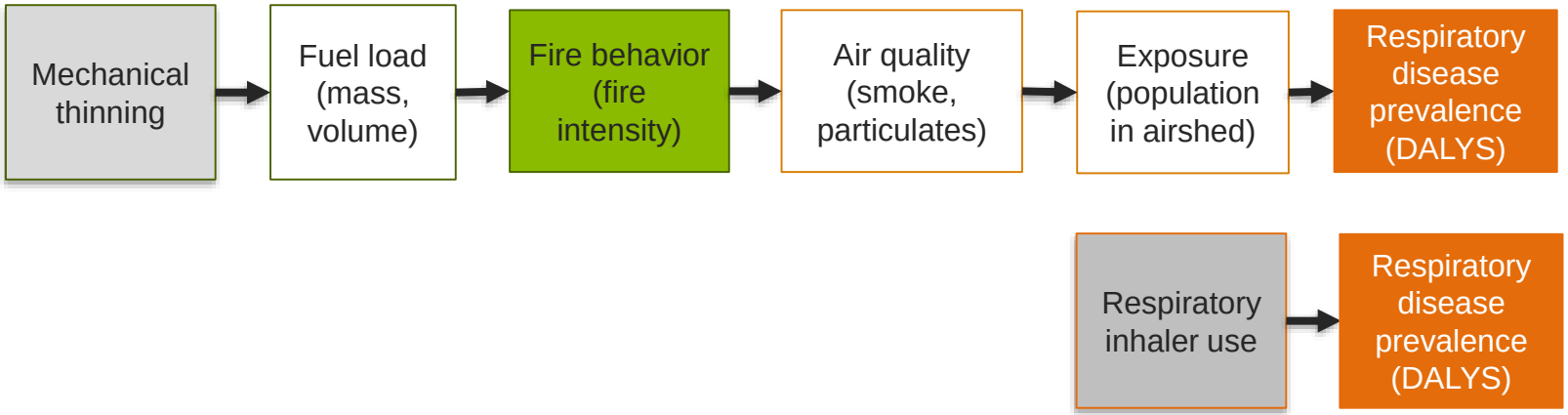


COMPARE STRATEGIES



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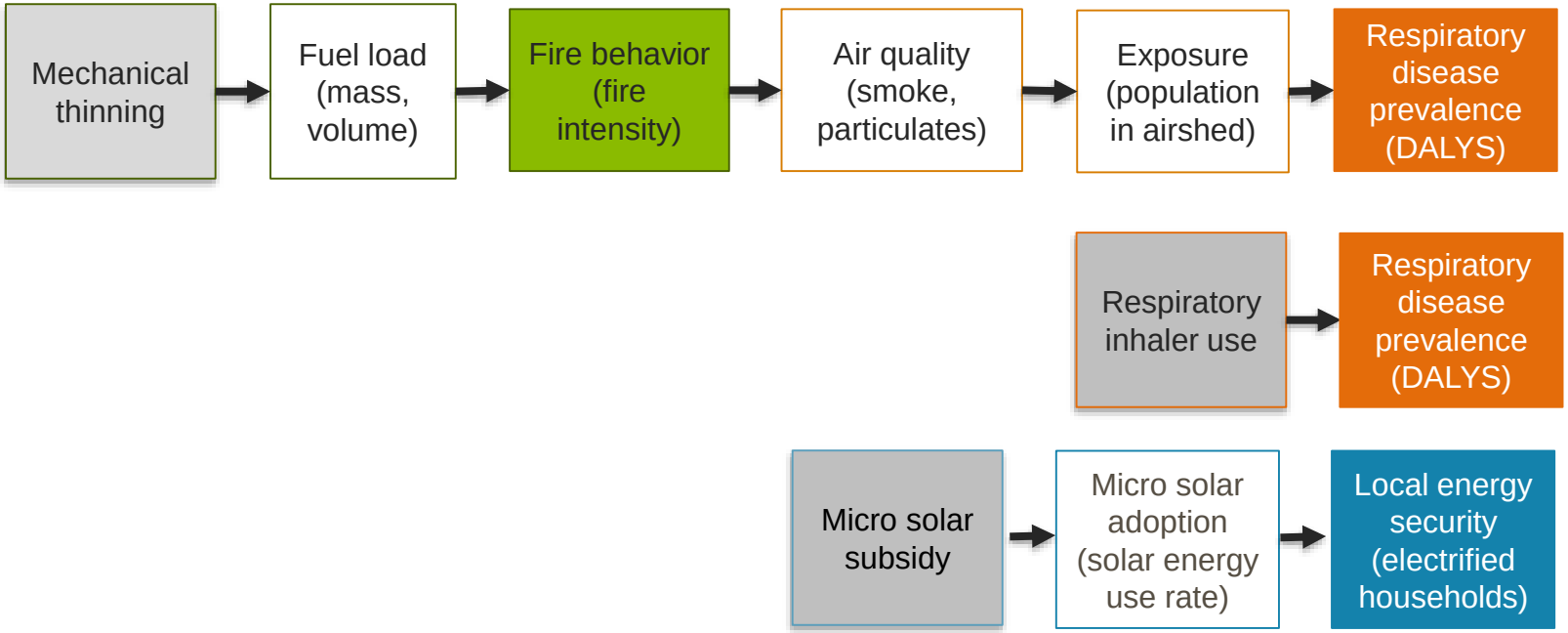

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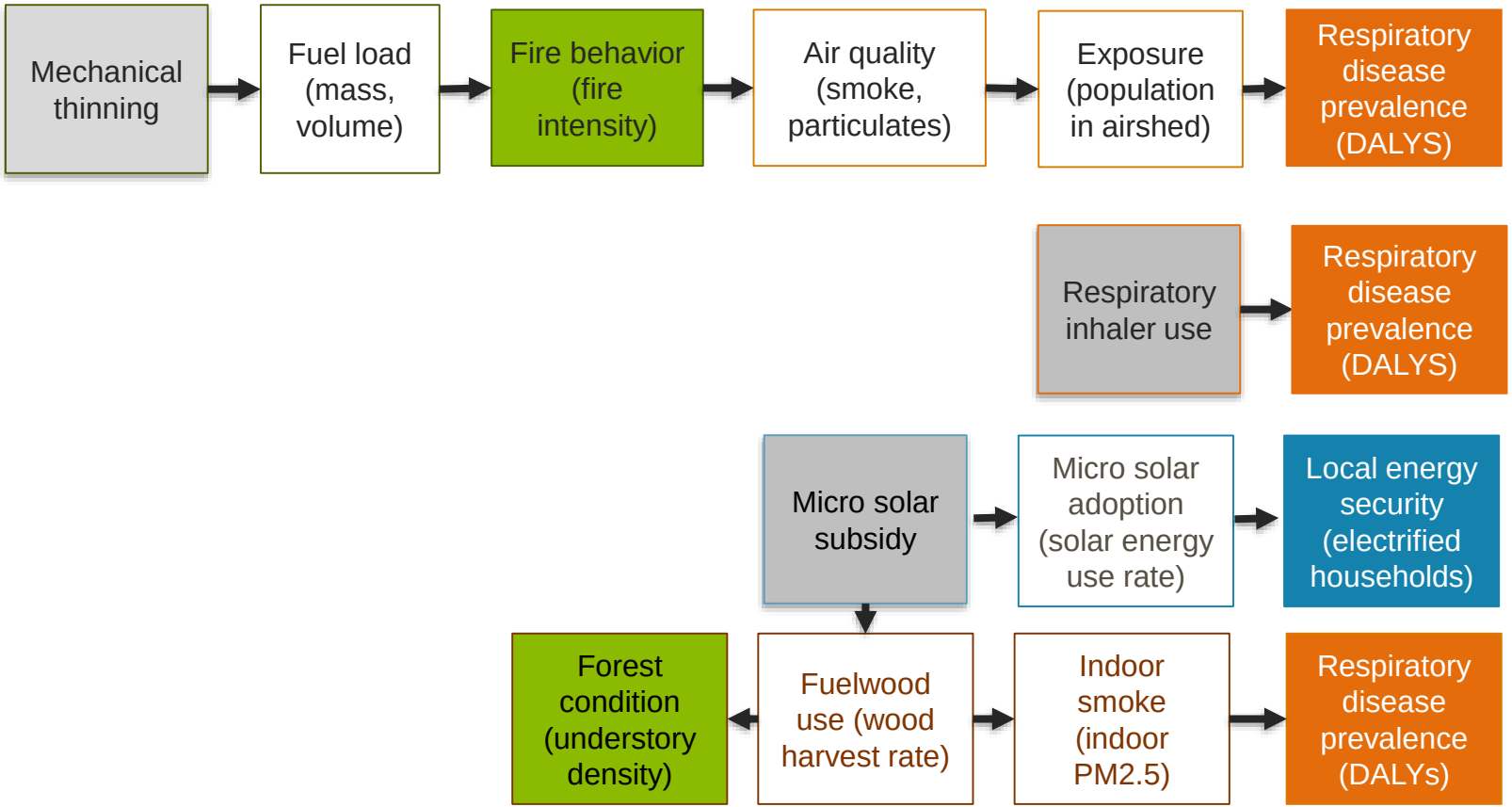


POSSIBILITIES FOR SHARED PRINCIPLES

LYDIA OLANDER: Results chains principles

EDDIE GAME: Evidence evaluation principles

JIMMY KAGAN: Integrated wetlands example

The Bridge Collaborative

Bridging evidence-based impact across environment, health and development communities

The Nature Conservancy

PATH

Duke University

International Food Policy Research Institute
IFPRI

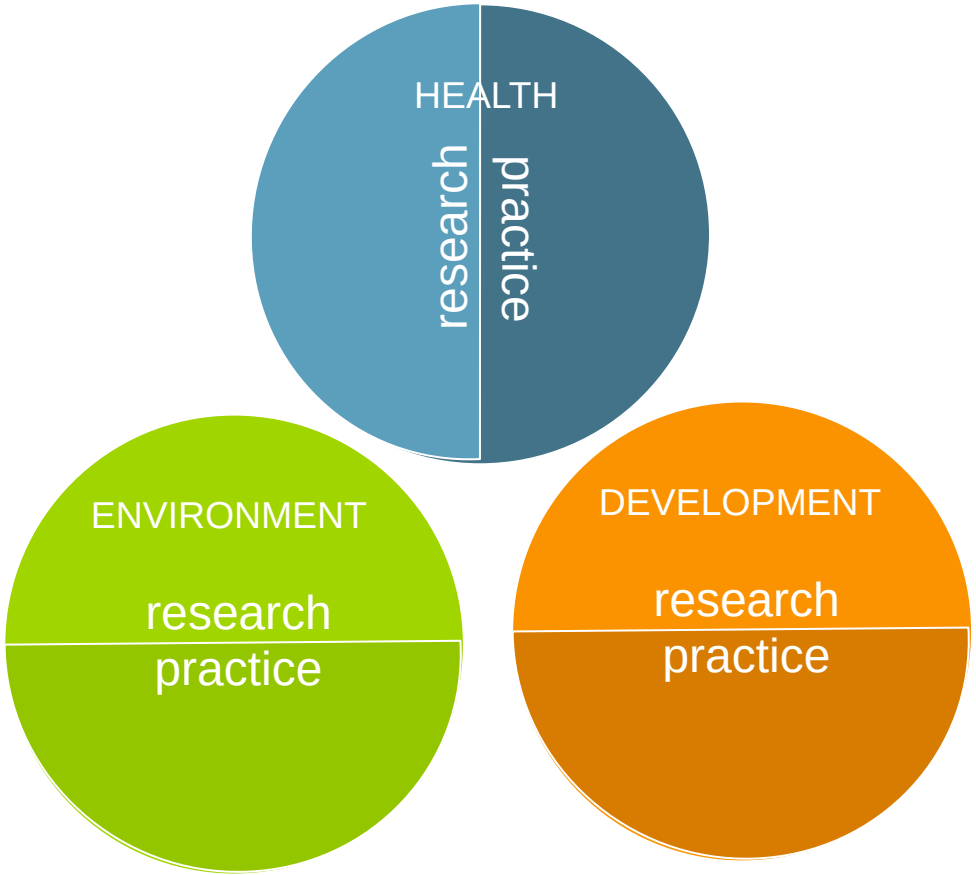
BRIDGE OBJECTIVES

Year 1: Convene 200 people from across environment, health and development to create principles for a shared evidence base

Year 2-10: Spark the use of principles in research and practice

- Create reference results chains
- Synthesize available evidence for agreement on ‘what works’
- Build shared problem views and solutions over time

CREATE WORKING GROUPS



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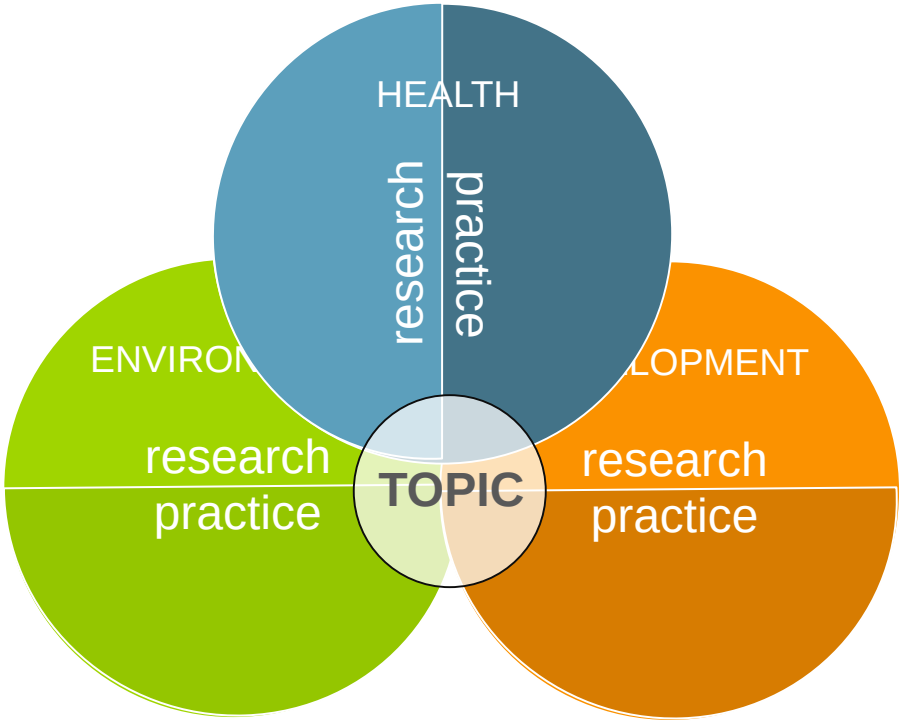

CREATE A SHARED EVIDENCE BASE

- See shared challenges more fully
- Choose from a much wider set of solutions
- Agree on what works and what doesn’t for both nature & people

SOLVE SHARED PROBLEMS FOR PEOPLE & NATURE