

ISE is thinking and doing Institute

Utility of the Future, Sustainable Water

Decarbonizing Cities, and Electrification of
Mobility

ISE and UNECE Sustainable Energy Division

Contribute analytical and practice experience

Pilot project as proof of concept and learning platform

What We Learned from Creating Electricity Markets

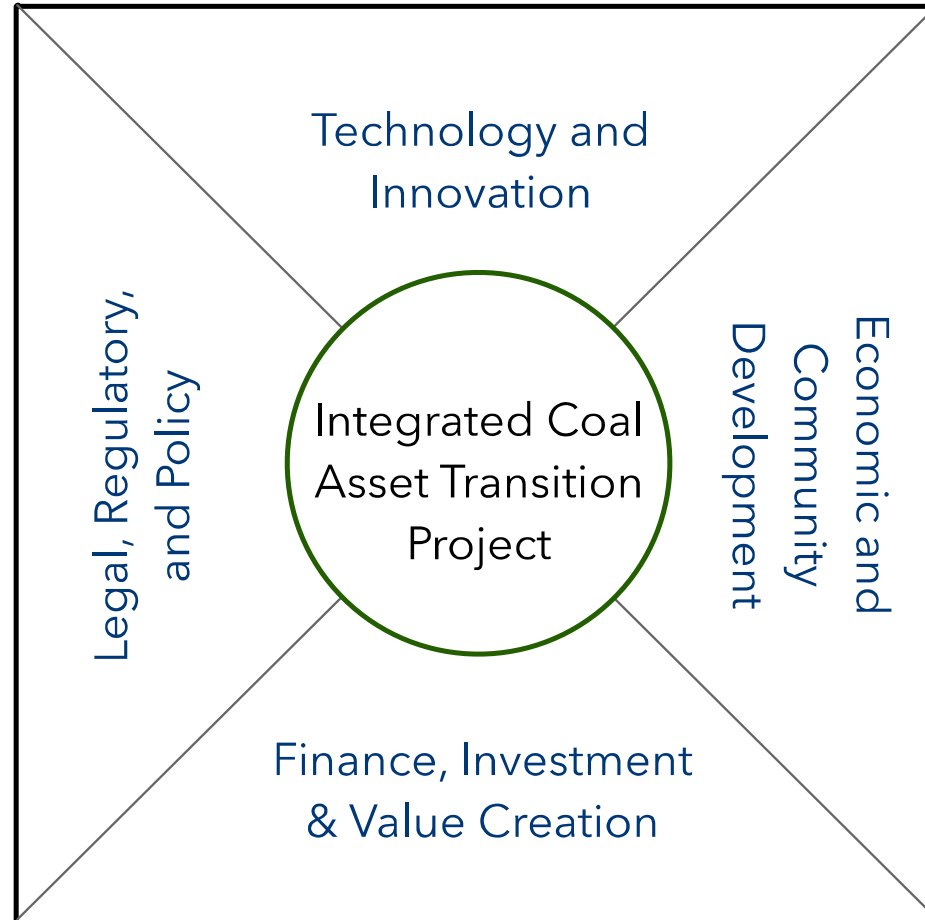
Design is not practice

Models and simulations tend to validate/refine
concepts

Execution always surprises (pilots reveal weaknesses)

Example case -- California

END-TO-END TRANSITIONS – Integrated, Just, Value Creating



Examples

Technology & Innovation

Focus on decarbonization investments that expand local, regional, and national economies.

Example: "liquid sunshine"

Legal, Regulatory and Policy

Focus on resources supporting decision-making and execution

Example: Bloomberg

Economic & Community Development

Focus on creating new opportunities that enhance social and economic vitality locally and regionally.

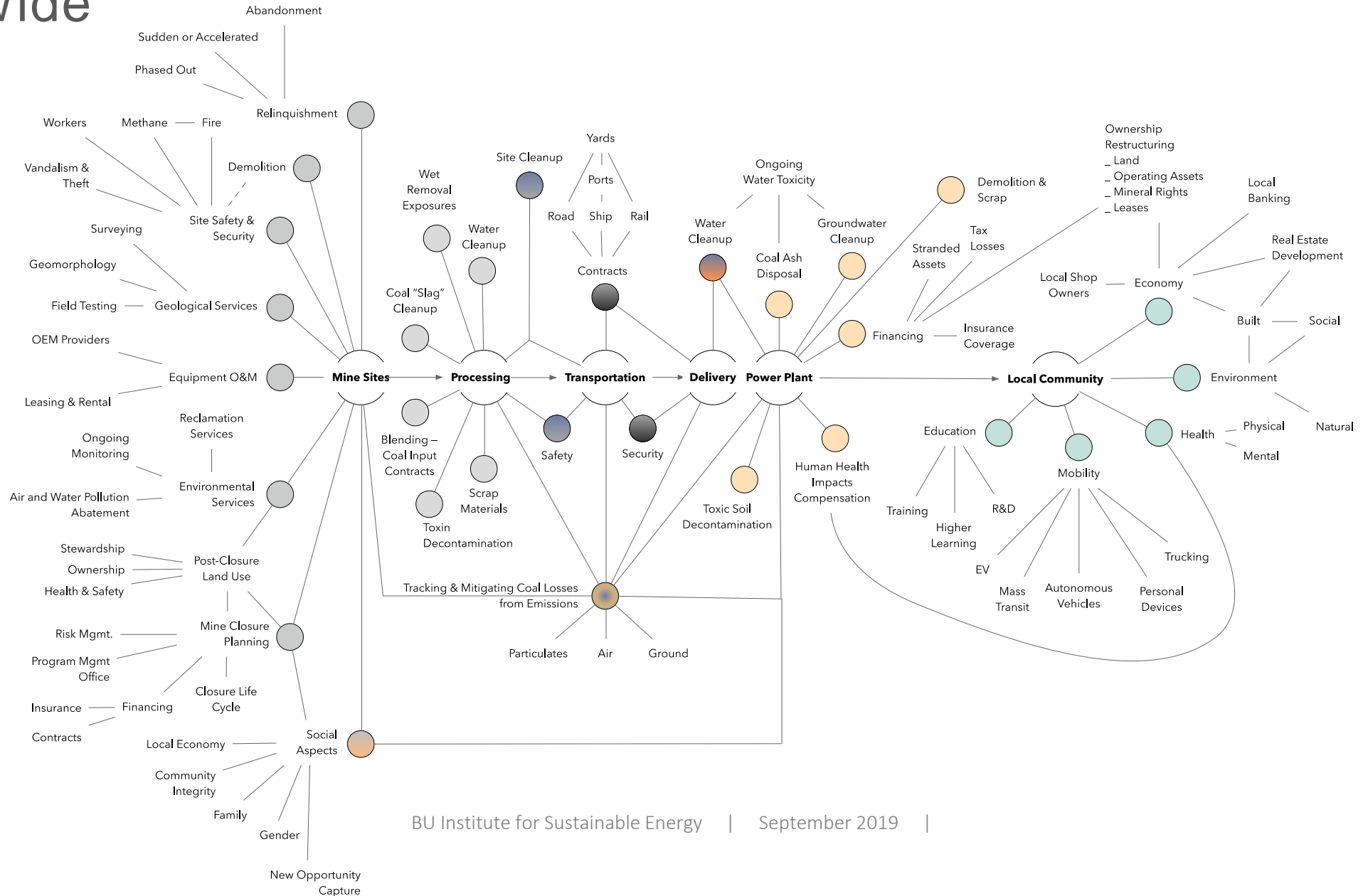
Example: Carbon Free Boston

Finance, Investment & Value Creation

Focus on key enablers of change and what they can do.

Example: ISE working with US financial institutions focused on coal transitions

RESEARCH UNDERWAY – Site Specific and Sector-Wide



We welcome other contributors.

THANK YOU