

Framework for Ecosystem Change

<http://sourcepov.wordpress.com/category/ecosystem>

Problem Context

Need for breakthrough innovation in complex ecosystems

Requires focus and new thinking on addressing root cause of the challenges of problem-solving in social ecosystems like Healthcare, Education, and Energy.

This thought process was sparked, in part, by an analysis of complexity science written by Beth Noveck & David Johnson. But much energy has been fueled by numerous examples where barriers to collaboration and silo-thinking have long served to stifle innovation in large-scale institutions and the ecosystems they serve.

Solution Framework

Part 1 of this framework **Current State** is shown page 2, and was released via blog 9/2/09. The status quo is characterized by:

- Closed-loop transaction processes, slowing outside intervention
- Heavy control exercised by producer & government stakeholders (“agents”)
- Much investment (financial, emotional) associated with the status quo
- Insufficient rigor in the definition of problems and possible solutions
- Insufficient data to effectively prove viability of alternatives
- Largely untapped sources of insight on complex system behavior

Rigor in addressing models is exceptionally important, given complex ecosystem problems must be accurately and consistently broken down if there is any hope for achieving meaningful change.

Part 2 of this framework **Ecosystem Evolution** is shown on page 3, and will be released and explained more formally via blog entry on Monday 9/7/09.

Framework for Ecosystem Change

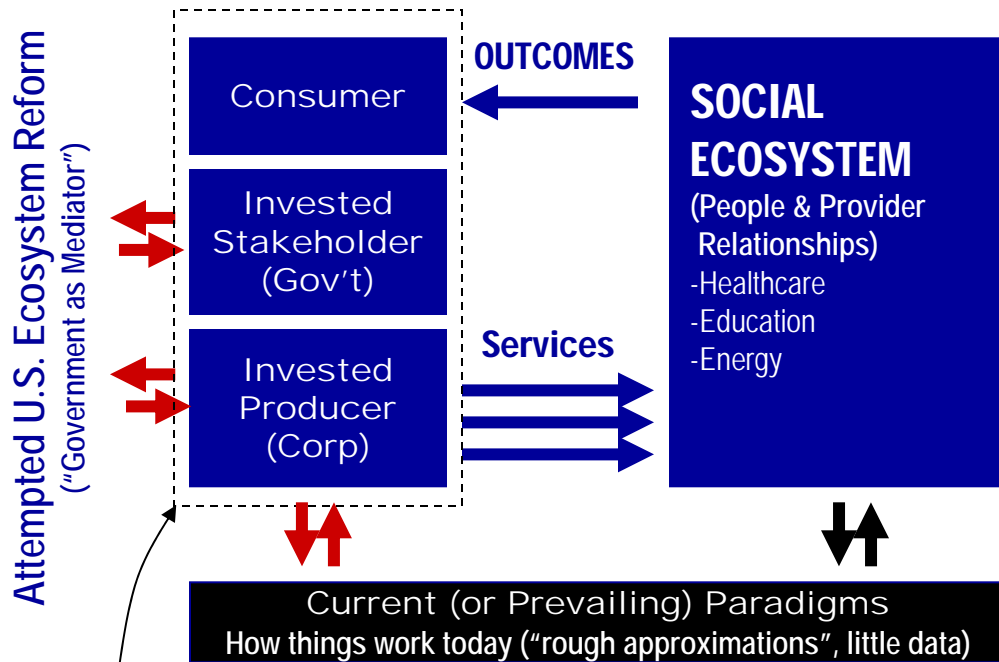
CREATIVE COMMONS 3.0 Attribution required / No Commercial Use / Share Alike
<http://creativecommons.org/licenses/by-nc-sa/3.0/us/>

ECOSYSTEM FRAMEWORK by **sourcePOV**

*with public contributions from SMCHAT thought leaders on
component processes 5/28/09-8/26/09*

U.S. Ecosystem Reform (Current)

Closed-loop, self-perpetuating infrastructure (expertise in silos)



Ecosystem Stakeholders as "Agents"

Ecosystem Process:

- components
- descriptions
- ↔ dysfunctional interactions (heavy investment in solutions, financially, emotionally ... and insufficient data)

Framework for Ecosystem Change

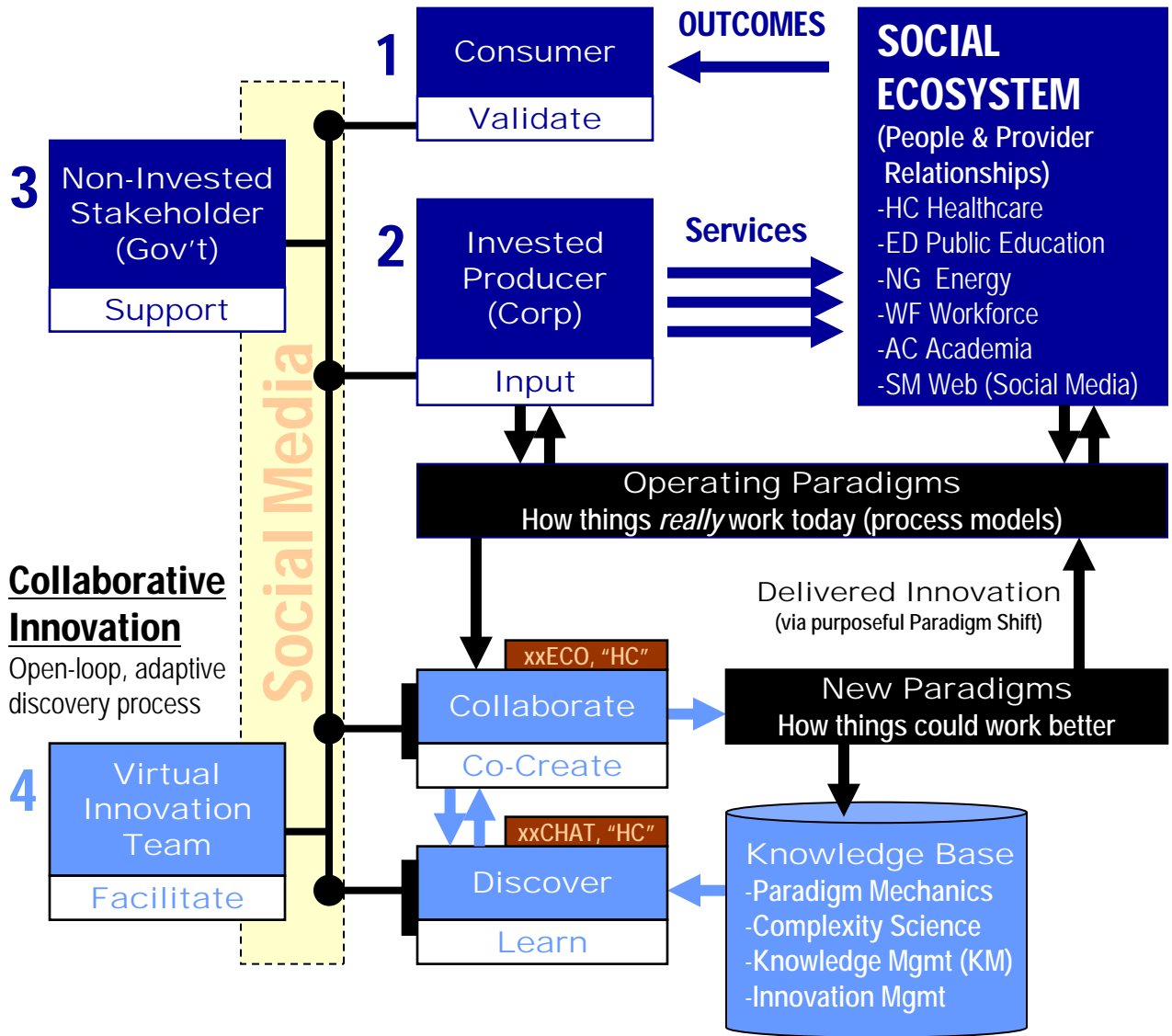
CREATIVE COMMONS 3.0 Attribution required / No Commercial Use / Share Alike
<http://creativecommons.org/licenses/by-nc-sa/3.0/us/>

ECOSYSTEM FRAMEWORK by **sourcePOV**

with public contributions from SMCHAT thought leaders on component processes 5/28/09-8/26/09

New Plan for Ecosystem Evolution

Open-loop, adaptive infrastructure (expertise networked)



Collaborative Innovation
Open-loop, adaptive discovery process

Ecosystem Process:

- components
- descriptions
- incremental solution elements

Framework for Ecosystem Change

CREATIVE COMMONS 3.0 Attribution required / No Commercial Use / Share Alike
<http://creativecommons.org/licenses/by-nc-sa/3.0/us/>

ECOSYSTEM FRAMEWORK by **sourcePOV**

with public contributions from SMCHAT thought leaders on component processes 5/28/09-8/26/09