

First Annual

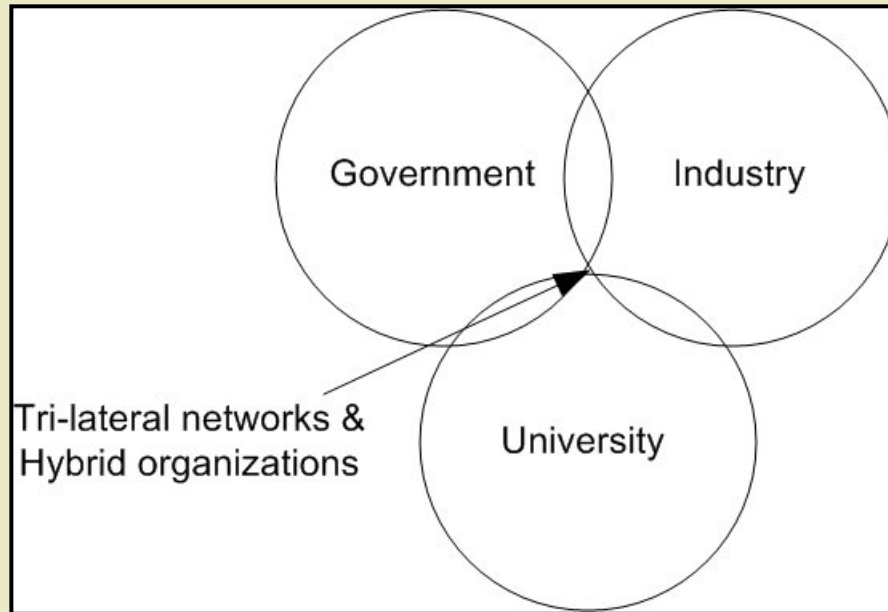
Triple Helix Summit

February 12 – 13, 2007



University of Hawaii • East West Center • Hawaii Imin International Conference Center • Honolulu, Hawaii

Triple Helix Innovation



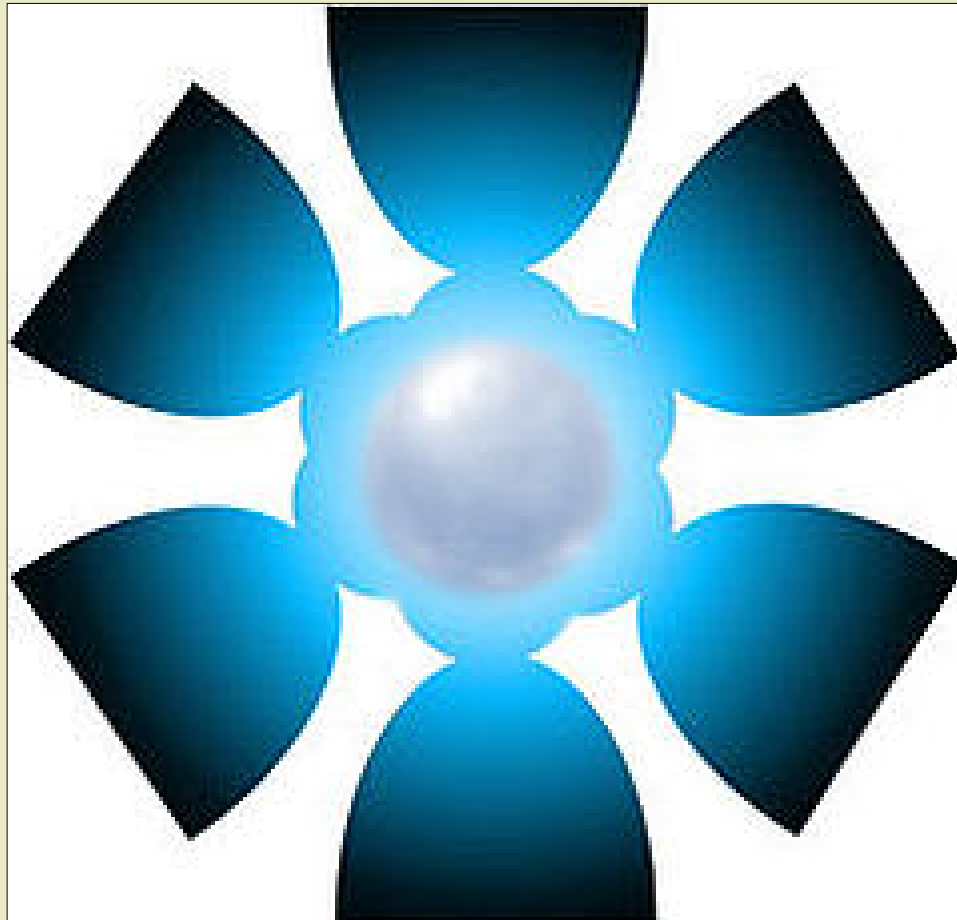
(Leydesdorff, 2003)

A triple helix of overlapping spheres of **academia-industry-government** establish the preconditions for innovation through harnessing complementary expertise; so, synergies can be realized to orchestrate research targeting public missions while simultaneously conducting virtuoso science *(Guston, 2000)*

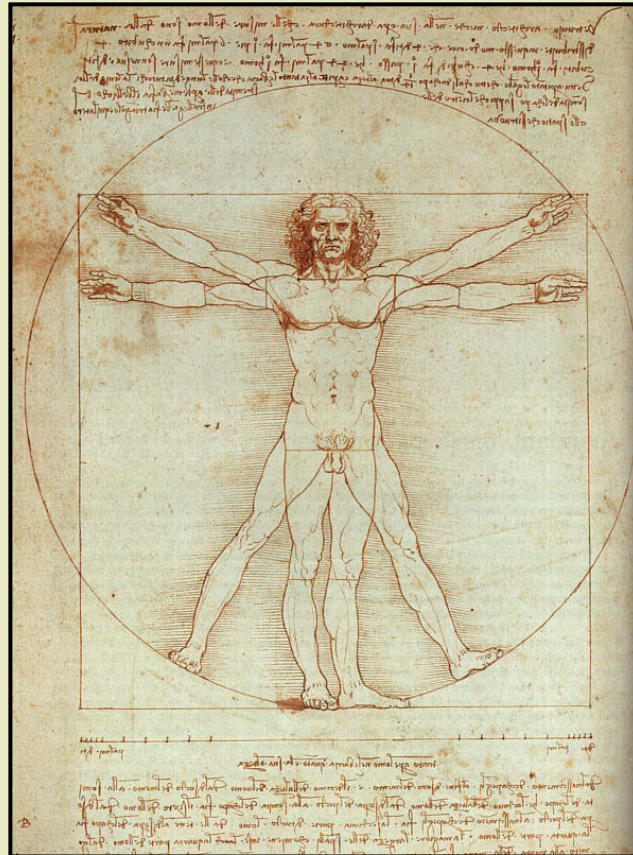


Reed's Law

There is exponential growth in value created by the interconnection of networks, particularly social networks.



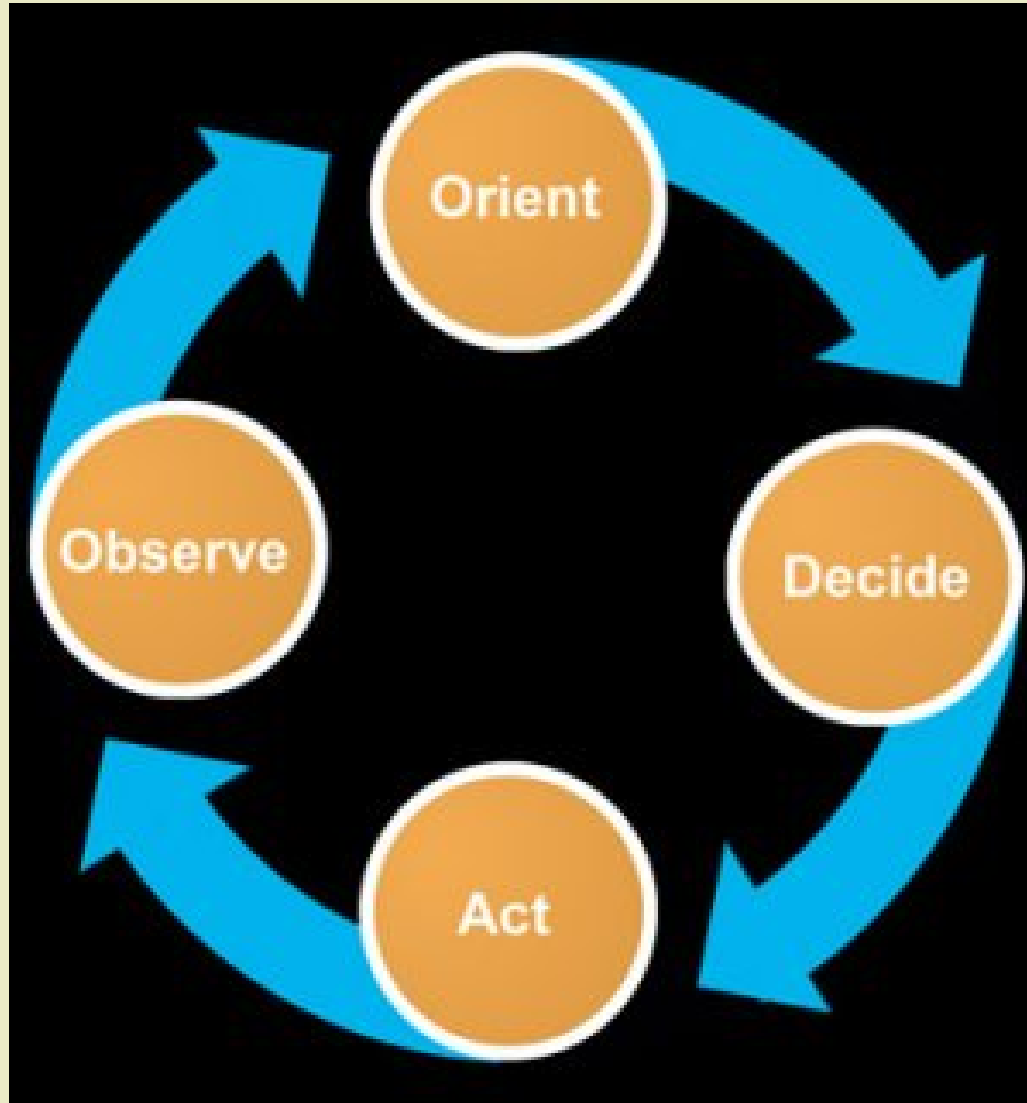
Leonardo De Vinci



*“Life is pretty simple: You do some stuff. Most fails. Some works. You do more of what works. If it works big, others quickly copy it. Then you do something else.
The trick is the doing something else.”*



Mental Models



Outcomes of Triple Helix Success

- Evidence-based product development
- Smoother technology transfer processes
- Transparent processes
- Organic collaborations
- Regional networks and cultural alliances
- Access to more flexible funding structures
- Appraisal methodologies for determining value of IP
- Best practices for collaborations & tech transfer
- Cross-sector value chains
- Computational methodologies for economic and social benefits



Triple Helix: Phase 1

Phase 1:

The collection of trend data for six Pacific region locales:
(Hawaii, California, Washington, Japan, China & Singapore)

Megatrend analysis - 4 Dimensions

- Economic trends
- Ecological sustainability
- Technological progress
- Demographic development

Phase 1 Deliverable:

A 10-year Summary Innovation Index that will allow for longitudinal comparison of each respective locale.



Triple Helix: Phase 2

Phase 2:

The evaluation of seven types of research models

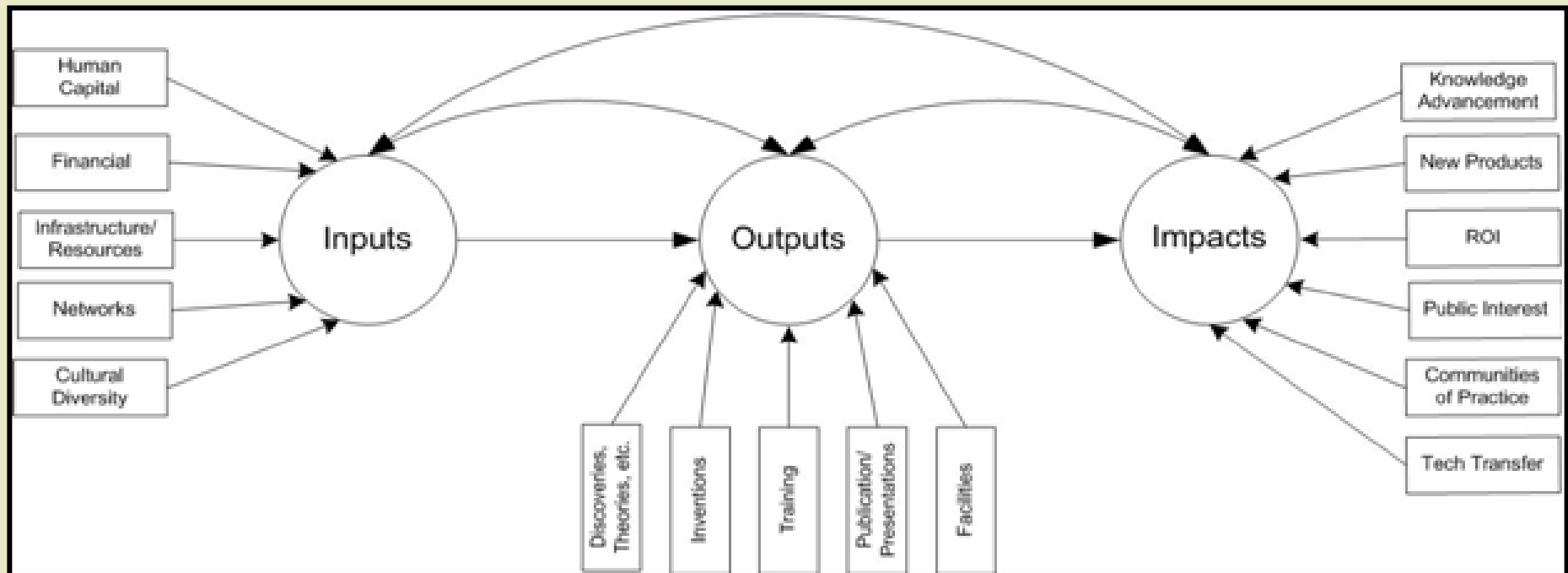
- 126 research projects
- 21 Questionnaires at each locale

Phase 2 Deliverable:

A set of indices that best represent the various Inputs, Outputs and Impacts of each research model.



Inputs ~ Outputs ~ Impacts



Triple Helix: Phase 3

Phase 3:

Triple Helix Community of Practice

- Culturally diverse, interdisciplinary researchers from University, Industry, and Government

Phase 3 Deliverable:

The Community of Practice will identify research projects and explore tools and processes for that may optimize collaboration and knowledge spillover.



Triple Helix: Phase 4

Phase 4:

The creation of a testbed to validate derivative models, indices, processes, and outcomes.

Phase 4 Deliverable:

Documentation of outcomes, testing of new models and indexing the values associated with triple helix strategies.



The Institute for Triple Helix Innovation

The new paradigm
for innovation
in the 21st century



Envisioning the Future

