That is why governments fail to develop sustainable ecosystems.

Ecosystems are all about chaos and discovery!

Source: http://www.leadingeffectively.com/interdependent-leadership/visualizing-leadership-in-a-dynamic-ecosystem/#more-1282
Towards «TTGV 3.0»: Embedding Public Mission into the Ecosystem

World Bank Conference on The "How-to" of Technology Acquisition, Innovation and Entrepreneurship
Hilton, İstanbul
26 May 2014
Most public program designs attempt to bridge the gap between buzzwords and reality. Often times programs end up as compromises, loosing value and objectivity; hard to evaluate impact.
The Buzzword : Ecosystem

- Ecosystems are evolutionary: internal and external factors drive the evolution (incl. topology, climate etc.)
- Ecosystems are built upon volume and diversity (diversity is critical to avoid exclusion by a dominant species)
- Ecosystem operate on symbiotic dependencies (nutrient and energy flows)
- Decomposition is a critical ecosystem function
- Ecosystems are unique as they inhibit different sets of species and environmental factors are different
- Resistance and resilience are critical functions to respond to disruption
- Each disruption provokes the succession process
Meanwhile in Real Life

- 50 Tech Firms
- 120 M USD in donations
- 1/3 of graduates
- 1000 Tech Companies (30 Billion USD total sales)
- 700 start-ups
- 1/3 of graduates
- Resilience?
- Decomposition?
- Succession?
- Disruption?
Innovation Ecosystem

Circle of Trust
(Shared Vision/Identity)

Value
(Nutrient Cycles)

Primary Production
(INNOVATION)

Ideas/Creativity
(Energy Cycles)

Non-Innovation Co-Community

External Factors
(Business Climate etc.)
(State Factors)

Resource Input
(Infrastructure Investment etc.)

Unique Ecosystem Function
\( f = (\text{diversity, disturbance, succession}) \)

Innovation Community

Value
(Nutrient Cycles)

Primary Production
(INNOVATION)

Ideas/Creativity
(Energy Cycles)

Non-Innovation Co-Community

External Factors
(Business Climate etc.)
(State Factors)

Resource Input
(Infrastructure Investment etc.)

Unique Ecosystem Function
\( f = (\text{diversity, disturbance, succession}) \)
Hard-working but often under appreciated

Precious and fragile but intimidating

Invisible but feeding and binding

Opportunistic but functional

Vulnerable but good citizens of the globe

Accommodating, fostering and livelihood

More Colors Than Eye Can See
Business of Expensive Aquariums

- Most government programs are top down rigid designs driven by popular buzzwords.
- They force strong division of labor in the system.
- Often money is the only value input.
- Recent tendency is to micro manage the market to converge on an idealistic value system.
- They end up sponsoring expensive aquariums.
Academics Meet Implementation

- Implementation/Intermediary Organizations have to major functions
  - Platforms of Trust (esp. Information asymmetry is high) – facilitate transactions
  - Habitat for Talent (esp. in strong hierarchical societies) – develop professionals for various ecosystem functions
  - Support citizenship and civic initiative
- Build diversity on creativity and value

ideaport
where innovative ideas meet

9
Efficiency Drives Evolution

- Politicians love monuments: huge organizations managing giant programs with many static designs
- Dinosaurs were extremely smart creatures: failed because not efficient
- Agile organizations can adapt to deliver best returns
Impact is a Design Feature

Abstract Material

Impact = \( f(\text{Program Design}) \)

Program Design = \( f(\text{Institutional Design}) \)

Institutional Design Buzzwords

Policy Objectives

Policy «Chasm»

Implementing Organization Added Value

Material

Growth

Start-up
Business Model

TTGV

Networks of Professional Experts

Partners/Sponsors

TTGV Team

Clients

Added Value Solution Partners
Institutional Incubation

Unique Talent w/ Right Motivations

Integration w/ TTGV Team Resp. for Specific Product /Service

Value Add Solution Partner

Partially Shared DNA

TTGV Stake? (Revenue)

Role Models, Mentors (Trust)

Networks of Professional Experts (Mentorship)
Value Proposition

TTGV

PUBLIC SPONSOR
FLEXIBLE, DYNAMIC INTERFACE

PRIVATE SPONSOR
CONSISTENT, CREATIVE, TRANSPARENT PARTNER

ENTREPRENEUR, RESEARCHER, FIRM
FLEXIBLE, ROBUST SUPPORT CHANNEL

EXPERT PROFESSIONAL
OPEN BUSINESS PLATFORM
Multiple Impact Points

Delivery Platform for Sponsors

Brand Impact

Ecosystem Impact
- Business Platform for Entrepreneurs, Knowledge Providers, Investors,

Policy Impact
- Implementation Platform for Public Policy

Portfolio of Other Activities
Bottom Up Program Building

BTC PIPELINE CO MANAGED BY BP

SPONSOR

PROJECT TEAM LED BY TTGV

PROJECT

visibility

Network of Diverse Group of Stakeholders

critical mass

DEMONSTRATION

IMPACT

POLICY PRIORITY

REGIONAL DEVELOPMENT AGENCIES
Building Networks

The Network
Proprietary Methodology
The Brand
The Solution Partner
The Sponsor
The Client
Workshop
Innovation Audit Report
Industrial Cluster
TTGV
We understand that effective and efficient delivery is possible through shared platforms with our partners and sponsors,

TTGV is actively exploring opportunities for partnerships to that end.
We target a balanced supply and demand side impact profile in our activities.