

BECOMING AN INNOVATOR: UNCOVERING YOUR INNER PROBLEM-SOLVING POWER

POWERING THE “DYNAMICS OF INNOVATION” TO ENABLE SPECTRUM OF
POSSIBILITIES - 2

PARTHA S. GHOSH

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author in structuring and solving strategic, tactical and operational issues

This document provides an outline of a presentation and is incomplete without the accompanying oral commentary and discussion.

Partha S Ghosh

Agenda for the 5 Days

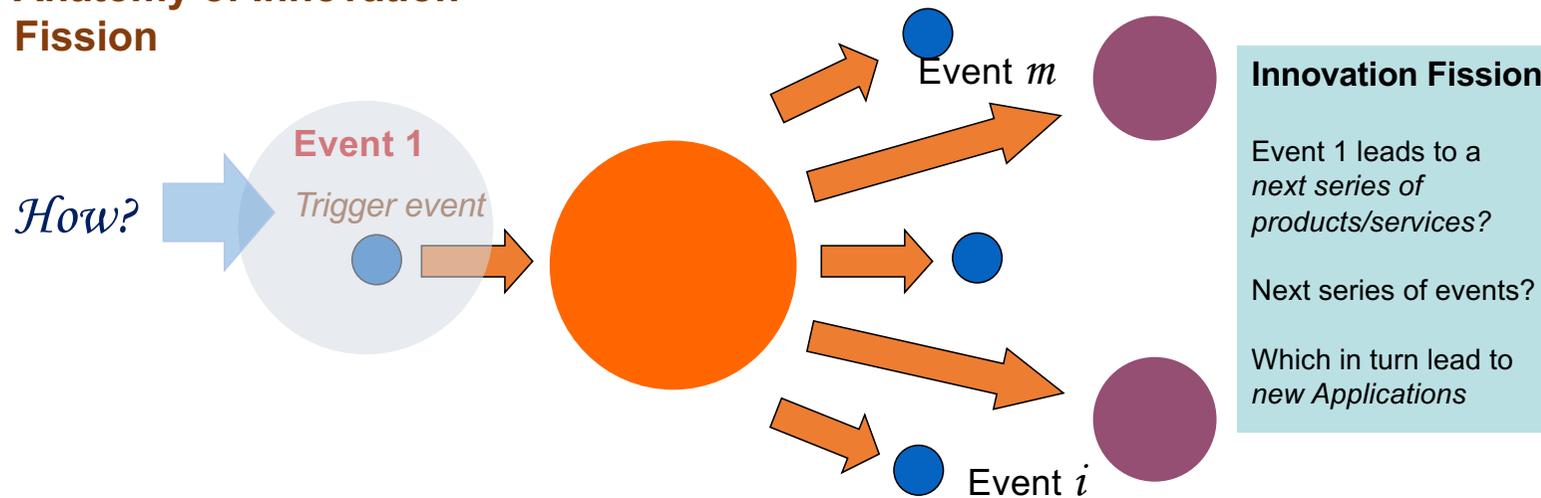
Becoming an Innovator

- 1 Putting Innovation in the context of the Modern Civilization
- 2 **Demystifying Innovation: Unlocking the Power within you**
- 3 Nurturing Genuine Problem-Solving Skills: The 3 Vectors?
- 4 Becoming an Innovator: Opportunities abound?
- 5 Practicing Innovation: Being in the flow as an active player

Homework 1

Anatomy of Innovation: Choose the most important three innovations (e.g. iPod, internet, light bulb, plastics, steam engine and paper) preferably any In India you are familiar with that you think have affected your life and then analyze how the different factors in interaction with each other enabled those innovations.

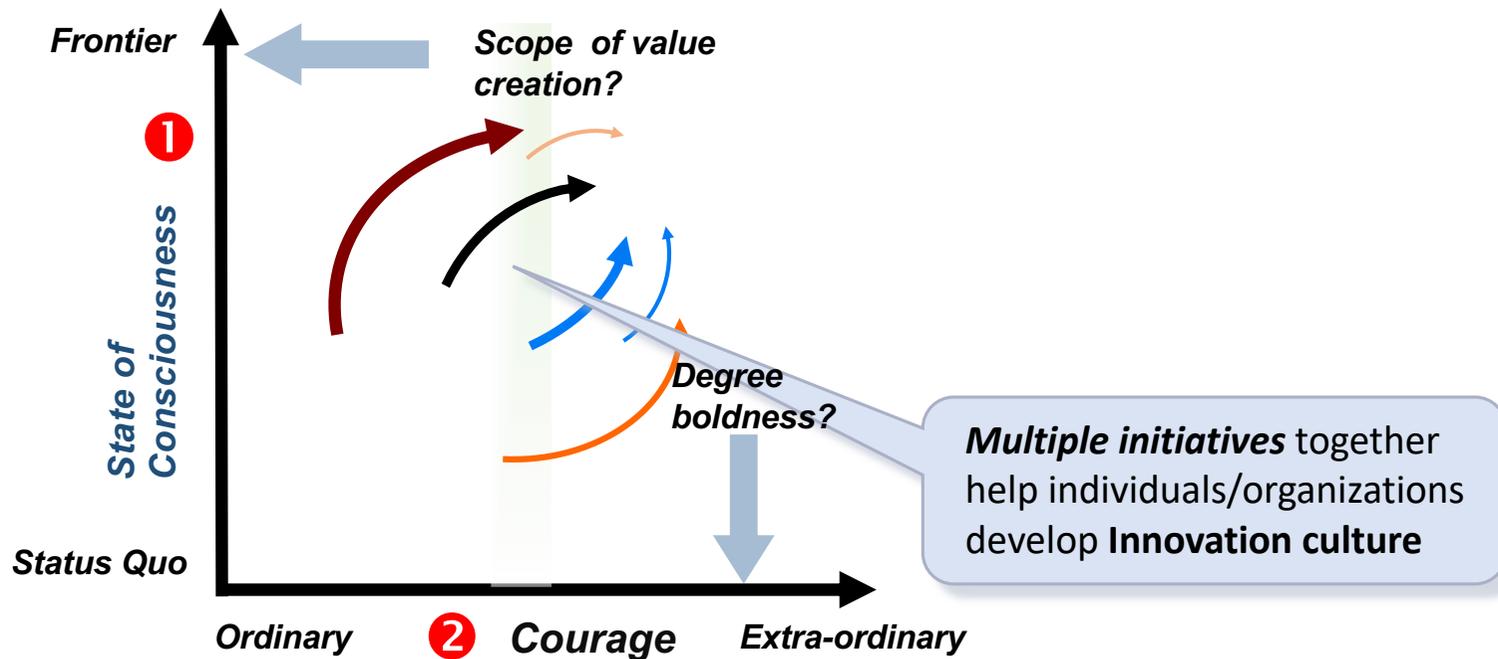
Anatomy of Innovation Fission



Please discuss (at least one paragraph for each of the points);: (i) The Trigger event? (ii) How that event has played out ? (iii) How did the other events occur leading the influence of an innovation on society?

Innovation: Essential Requirements

The Two Critical Vectors



Source: Partha S Ghosh Innovation Framework

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The essential beliefs of Partha S Ghosh.....

- 1 → Everyone has the traits of an innovator
- 2 → These traits manifest in different ways
- 3 → It is a continuous process of alignment
- 4 → Effective innovators are great listeners/sharp observers
- 5 → Great innovators enjoy solving problems

Agenda Session 2

Demystifying Innovation: Unlocking the Power within you

- 1. In the beginning is desire**
- 2. Alchemy of Innovation (often triggered by simple questions)**
- 3. The power within you? – Uncovering it?**
- 4. Finding your meaning in society through power of self-expression**

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Different factors play different roles on the innovation curve

Anatomy of Innovation



Beginning of Apple.. two friends.. enjoying to make a point

Experimenting to combine an electric typewriter with TV Tube... to make a statement



The first prototype



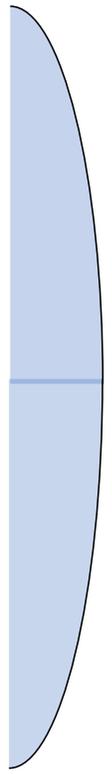
The first product



Lessons form Steve Job's Journey



iPhone 5-The final Apple product designed by Steve Jobs .



Lessons from Steve Jobs life

Clear Vision (Stabilizer)

Unwavering determination & focus to execute that vision (Face adversity with grace)

Passion for designing Simple and Top - Notch Products (Zen spirit)

Don't settle for status-quo – always think creatively to design new products (Continuous search)

Persistence(stamina)

Succession Planning (Followership: Tim Cook)

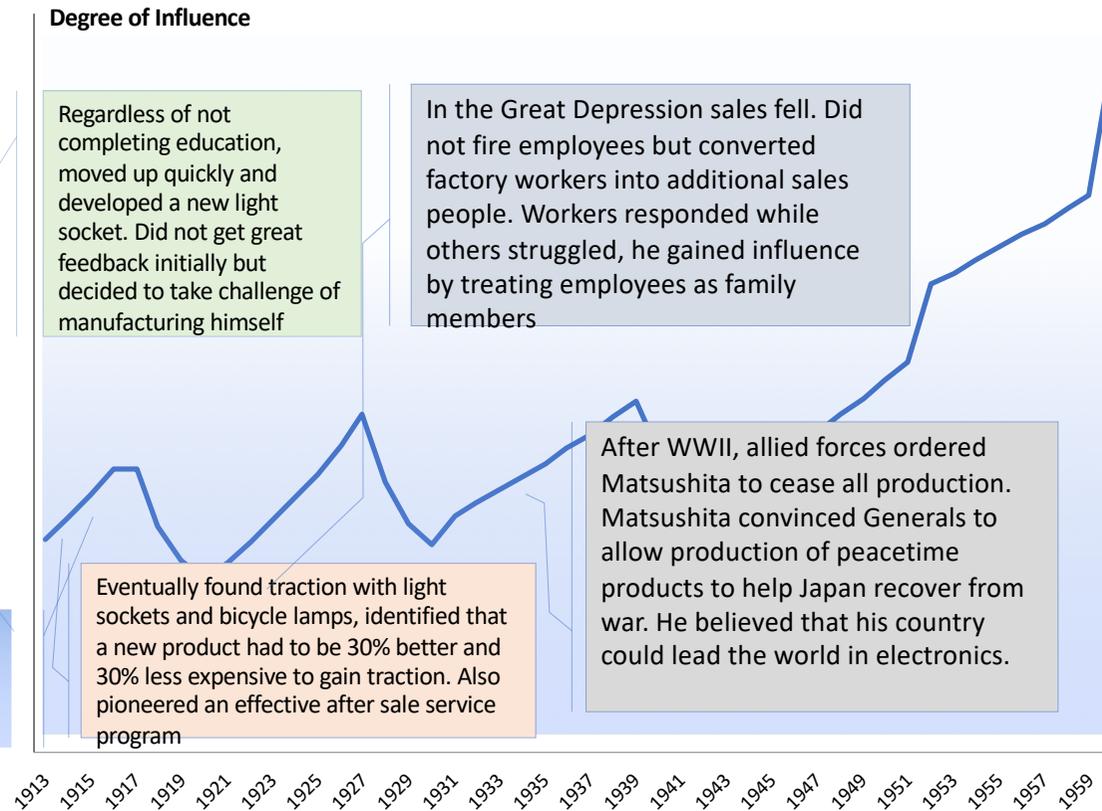
- **Represented the Intersection of creativity and technology.**
- **Simplified the User experience**
- **Put Products Before Profits**
- **Bend Reality**
- **Pushed for Perfection**
- **Combined the Arts with Science**

Konosuke Matsushita: Humble beginning ..always committed to bigger purpose



Former President and Founder Matsushita

At a young age family lost its fortunes because of bad investment decisions



Culture is fundamental – unlocking the “power of desire” to solve problems around you...

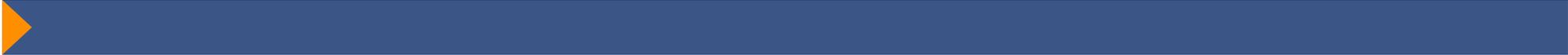
Culture is indeed a very fundamental property of a society: *It could be energizing .. as it could be suffocating..... each one contribute to it*



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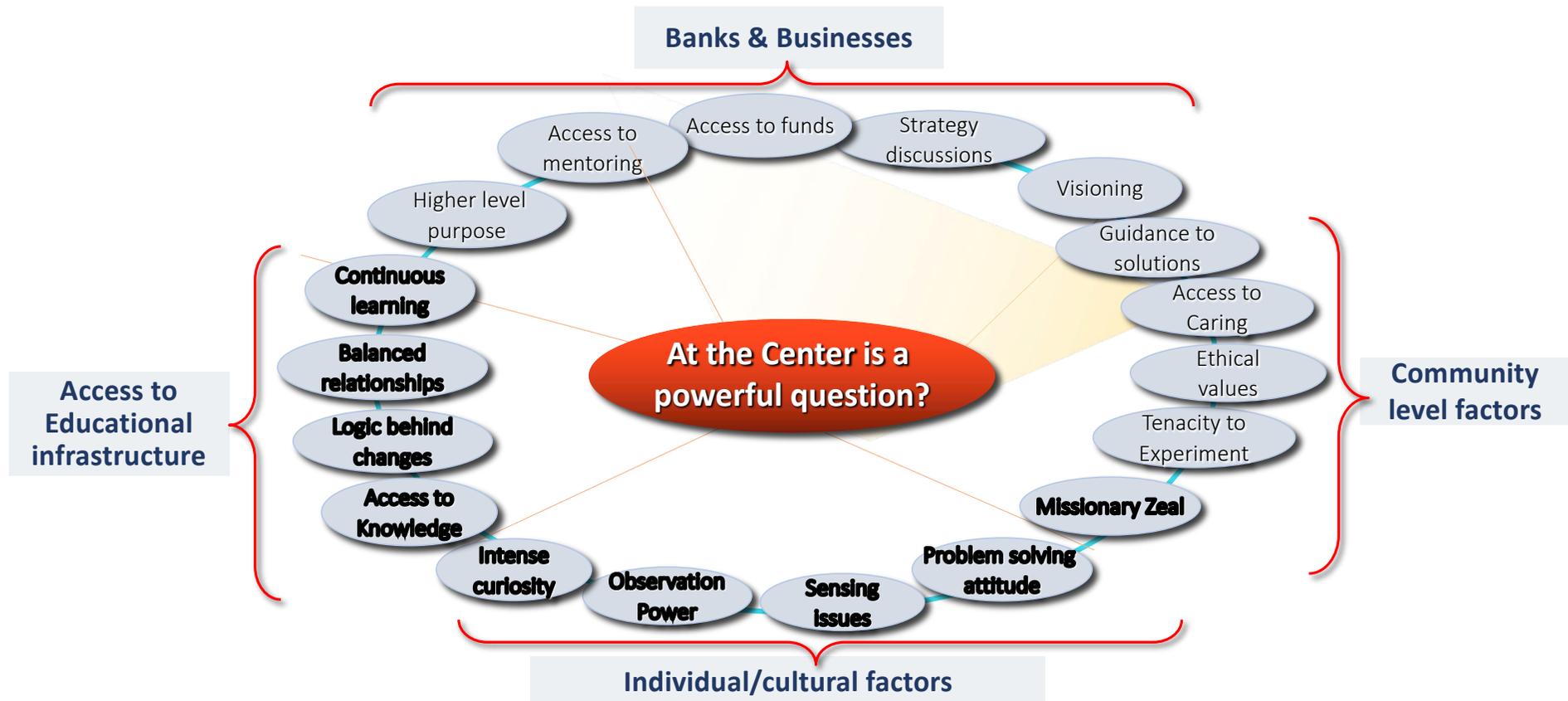
What is Innovation Culture ?

Innovation Culture?

“Innovation culture of a community is an invisible strand as mysterious as it is powerful, it pulls and bonds, shapes behaviors that in turn drive inquisitiveness to problem solving & value creation capacity of an individual, an organization, and a society ”

Dynamics of Innovation is indeed complex... lead has to come from individuals

In different environments multiple factors in interaction with each other drive innovation



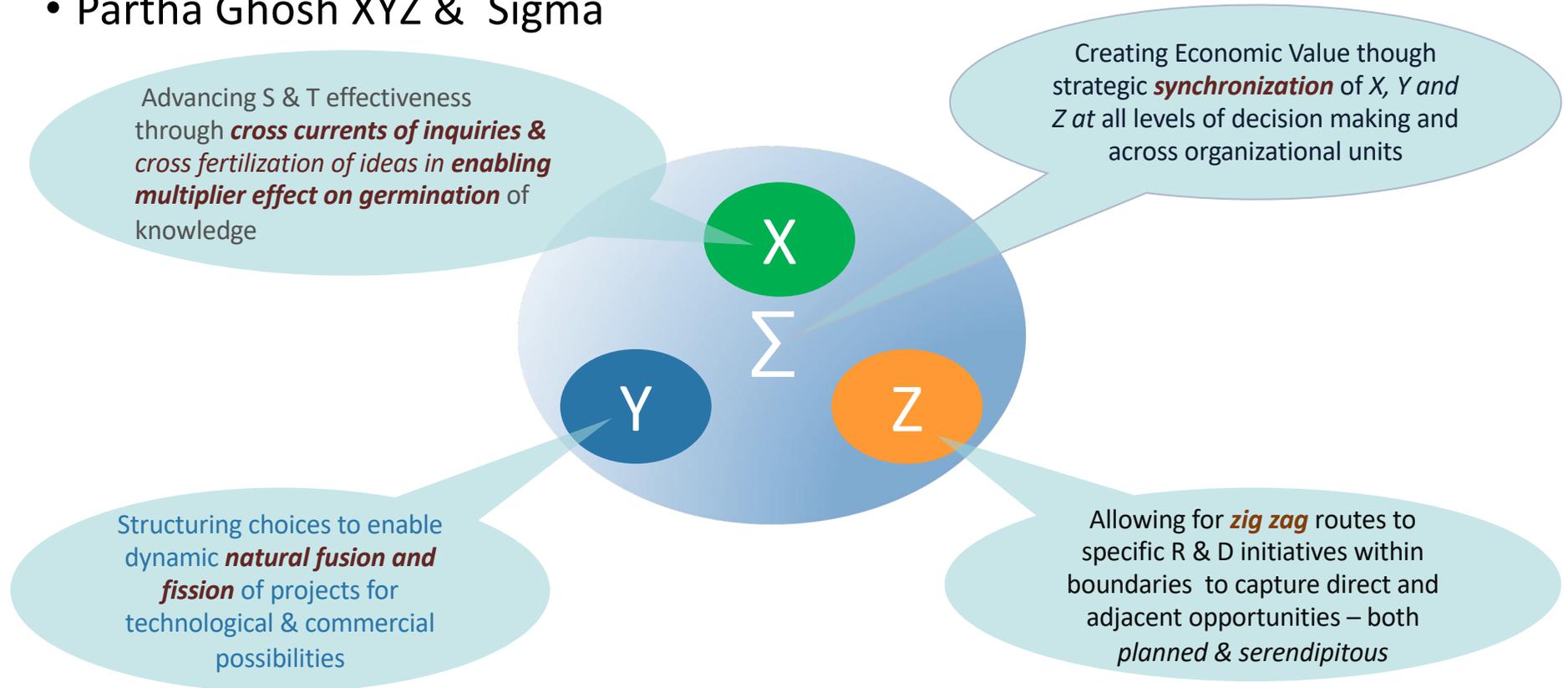


Ship hull Paint- *ways to make a difference?*



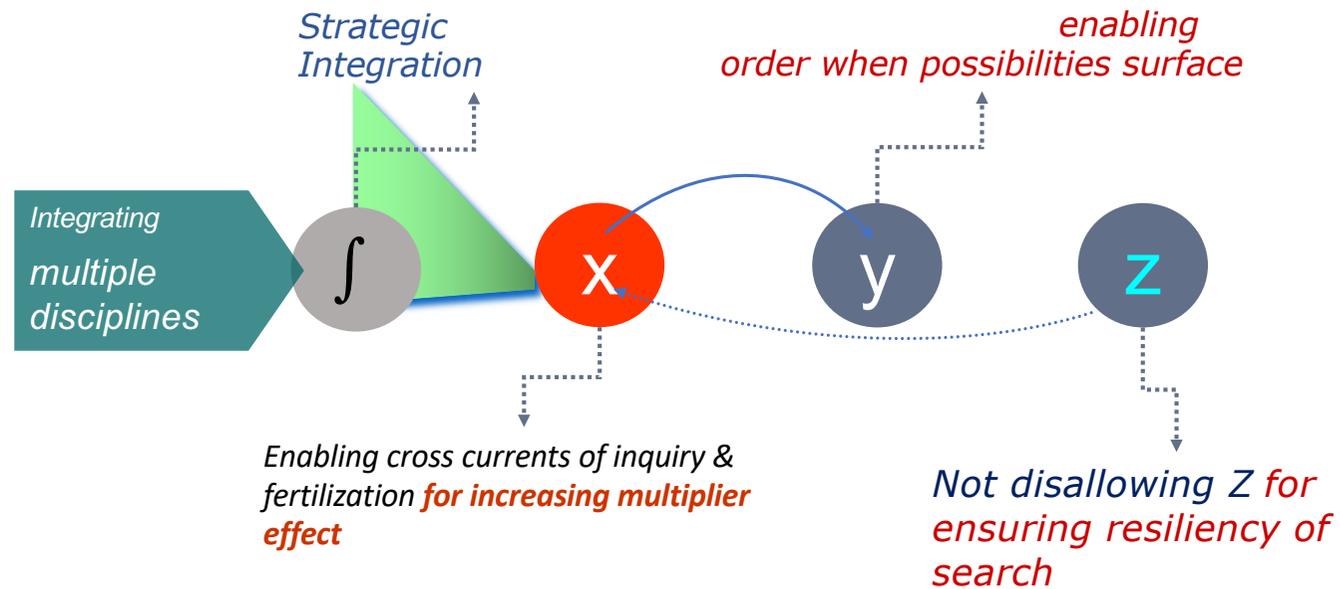
Innovation Process Framework

- Partha Ghosh XYZ & Sigma

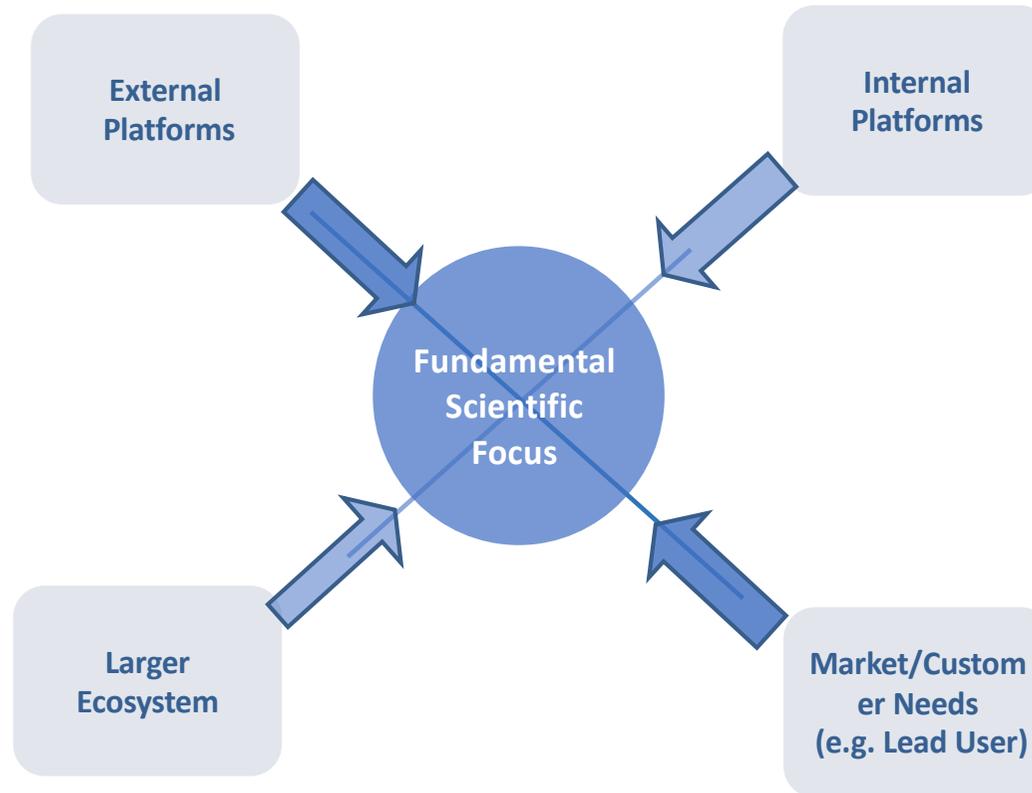


Uncovering New Pathways

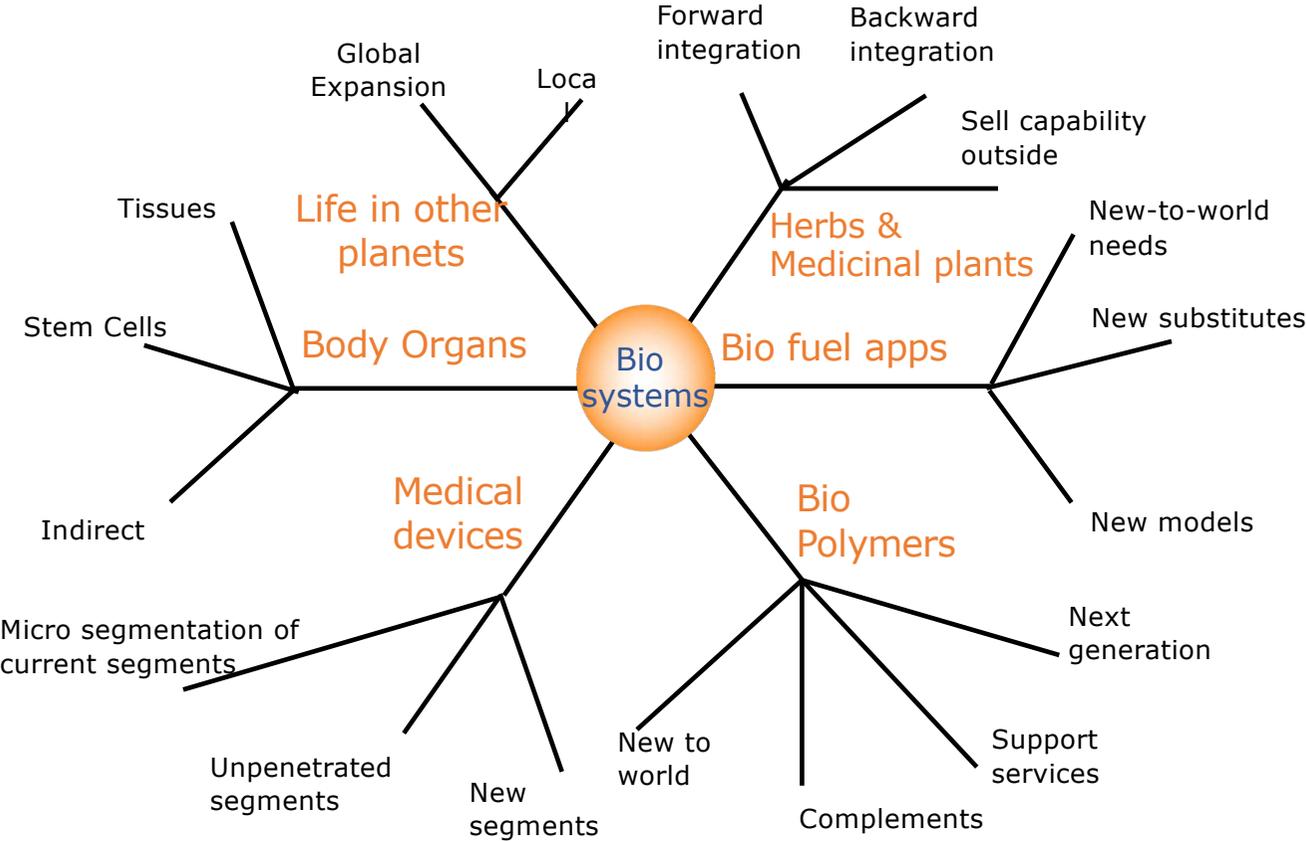
Innovation Culture = Σ of X+Y+Z



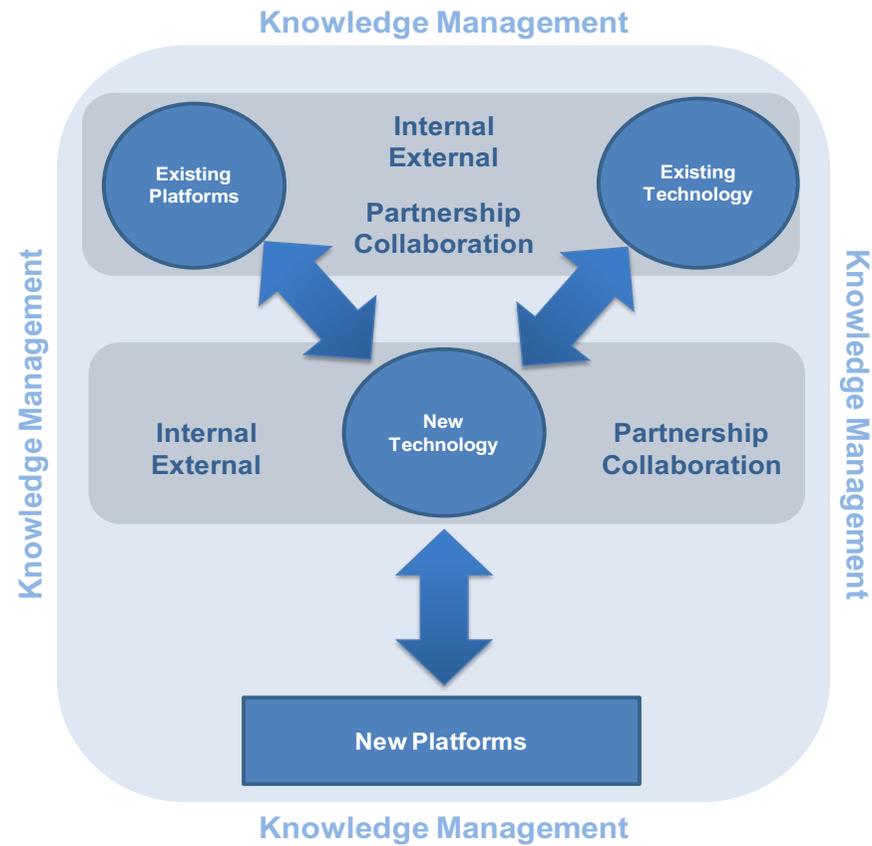
X: Cross Fertilization



Wide angle vision is essential



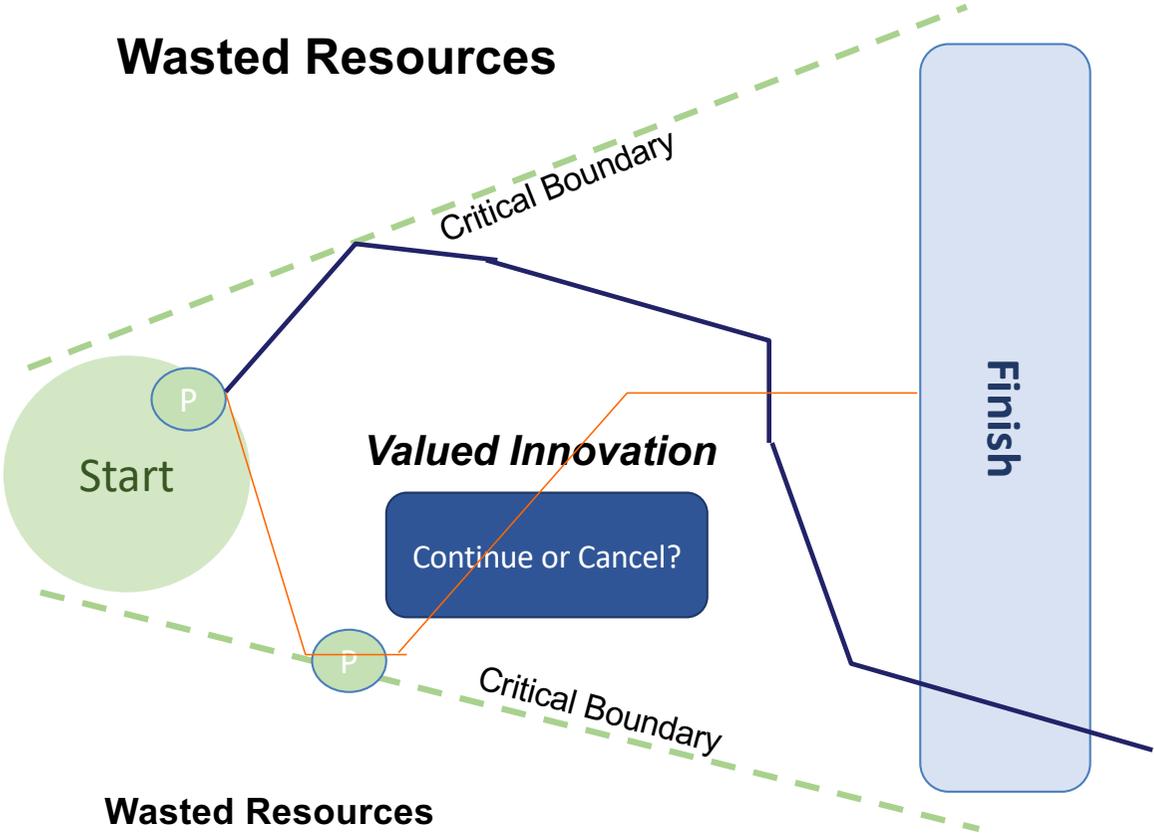
Y: Knowledge Management/Structuring decisions



Playing Billiard: *as the balls collide, they spread out*

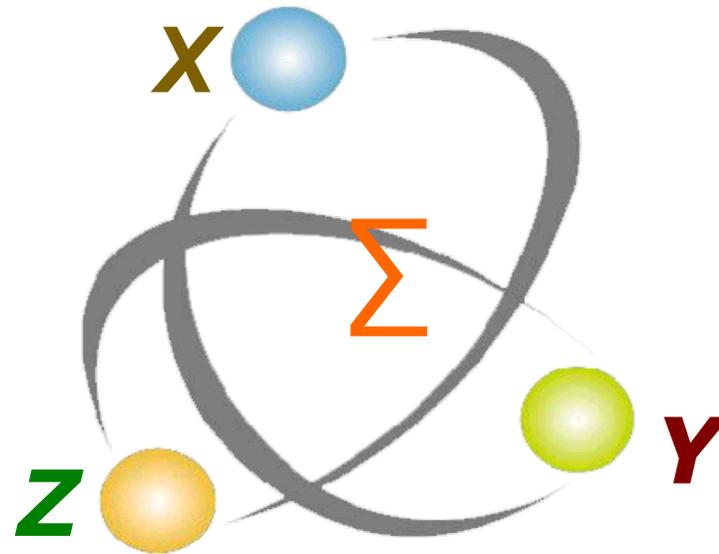


Z: Zig- Zag Path Adaptability



Ensuring Innovation Is Self-Perpetuating

Dynamics of different types thought &
Cultural attributes



The Keys to Success

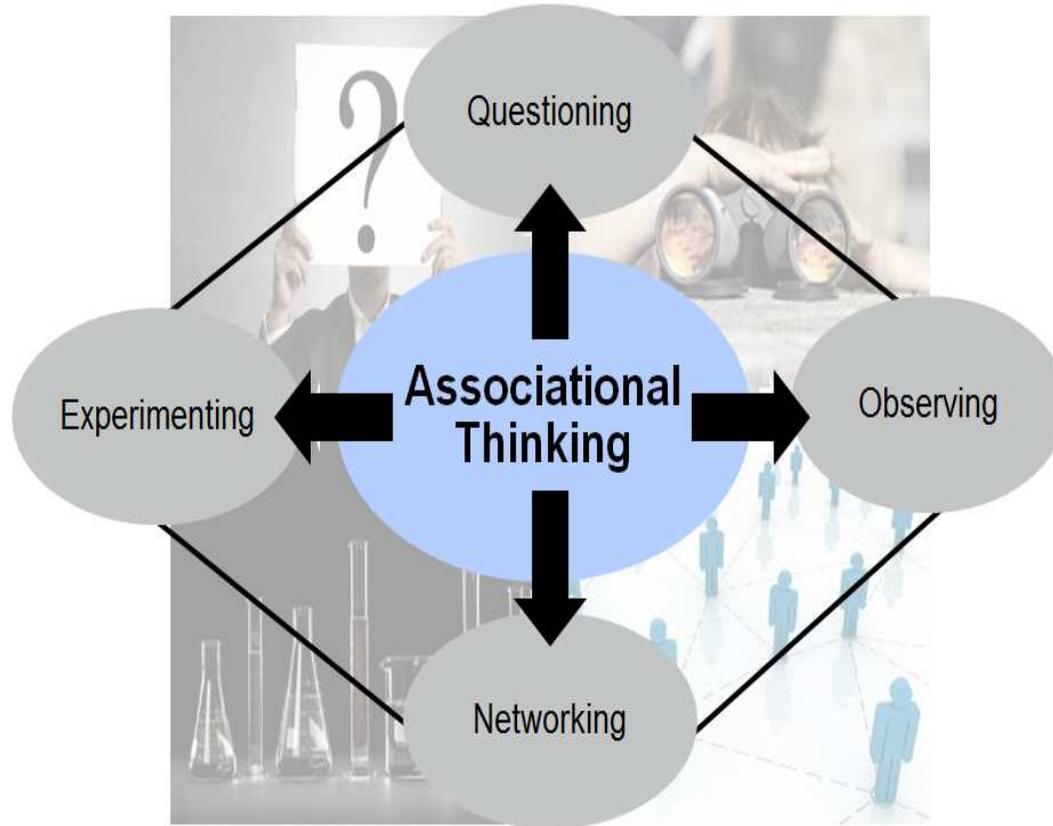
X

Y

Z

Σ

**Embracing
disruptive
innovator skills**



Events Help Improve Associational Thinking

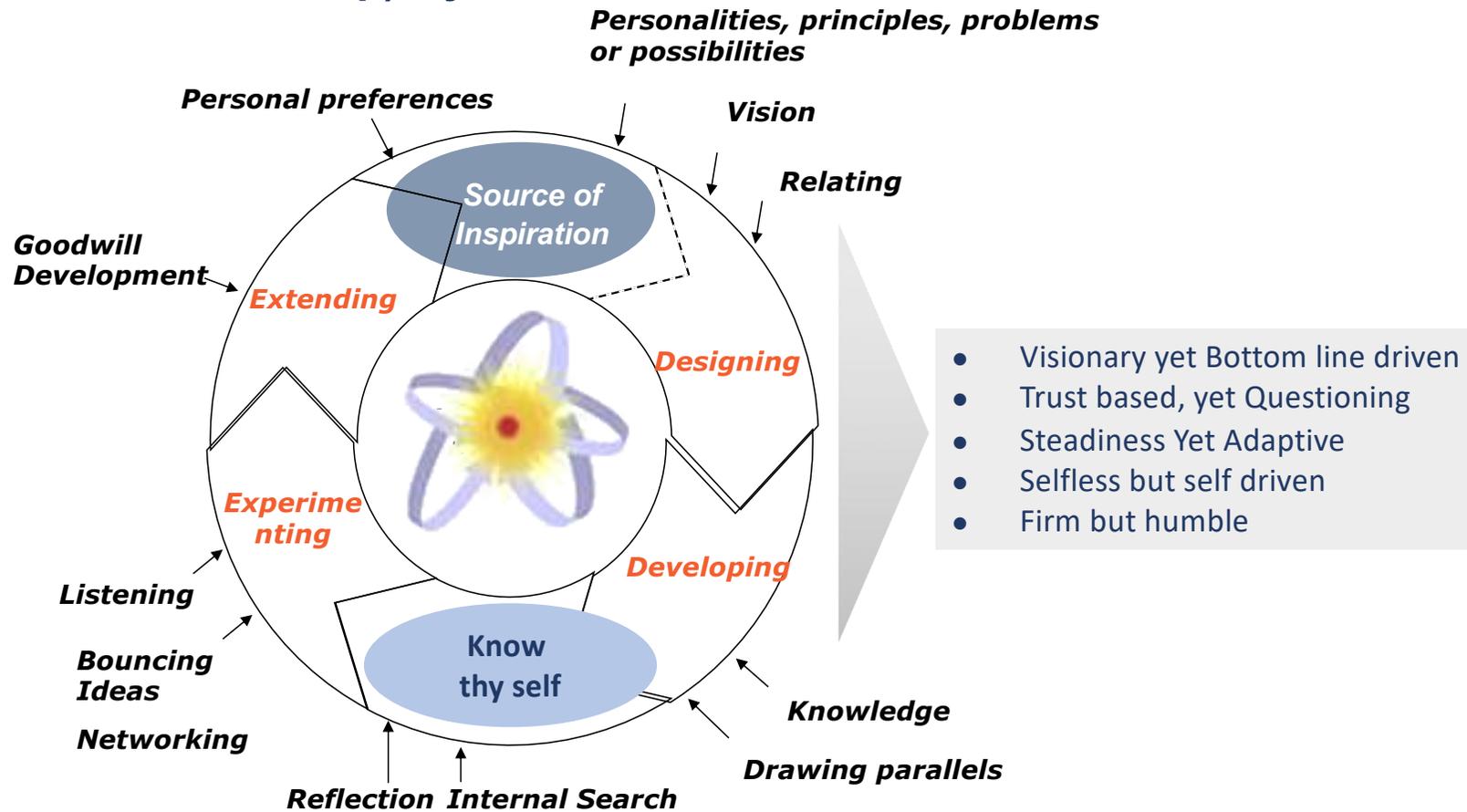


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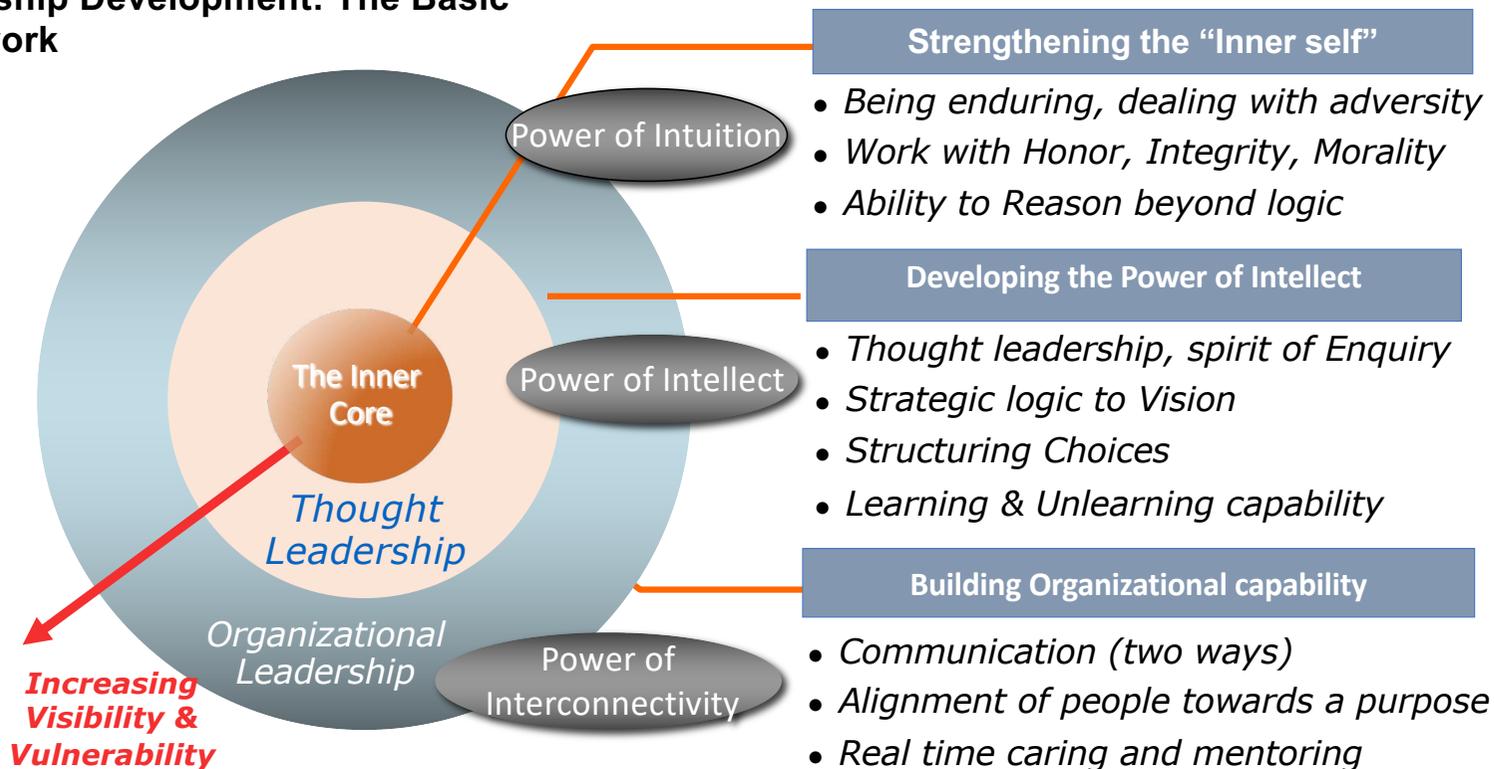
(Innovation= Leadership) Dynamo



- Visionary yet Bottom line driven
- Trust based, yet Questioning
- Steadiness Yet Adaptive
- Selfless but self driven
- Firm but humble

Leadership development must involve orchestrating the sources of power in each of the layers of personality

Leadership Development: The Basic framework



Power to Influence – Konosuke Matsushita

Lessons:

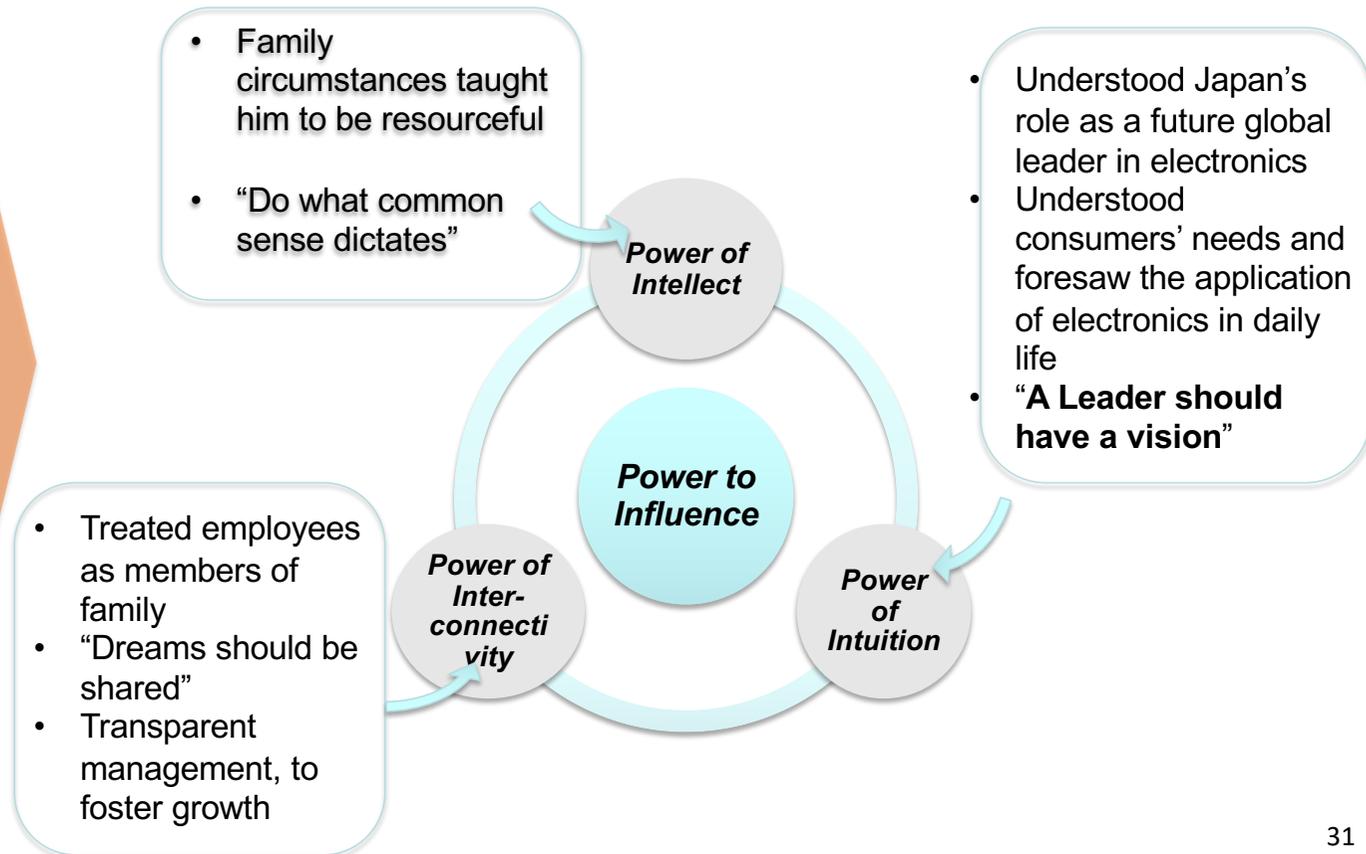
Perseverance

Vision

Finding opportunities in the face of adversity

Take on challenges

Caring for people



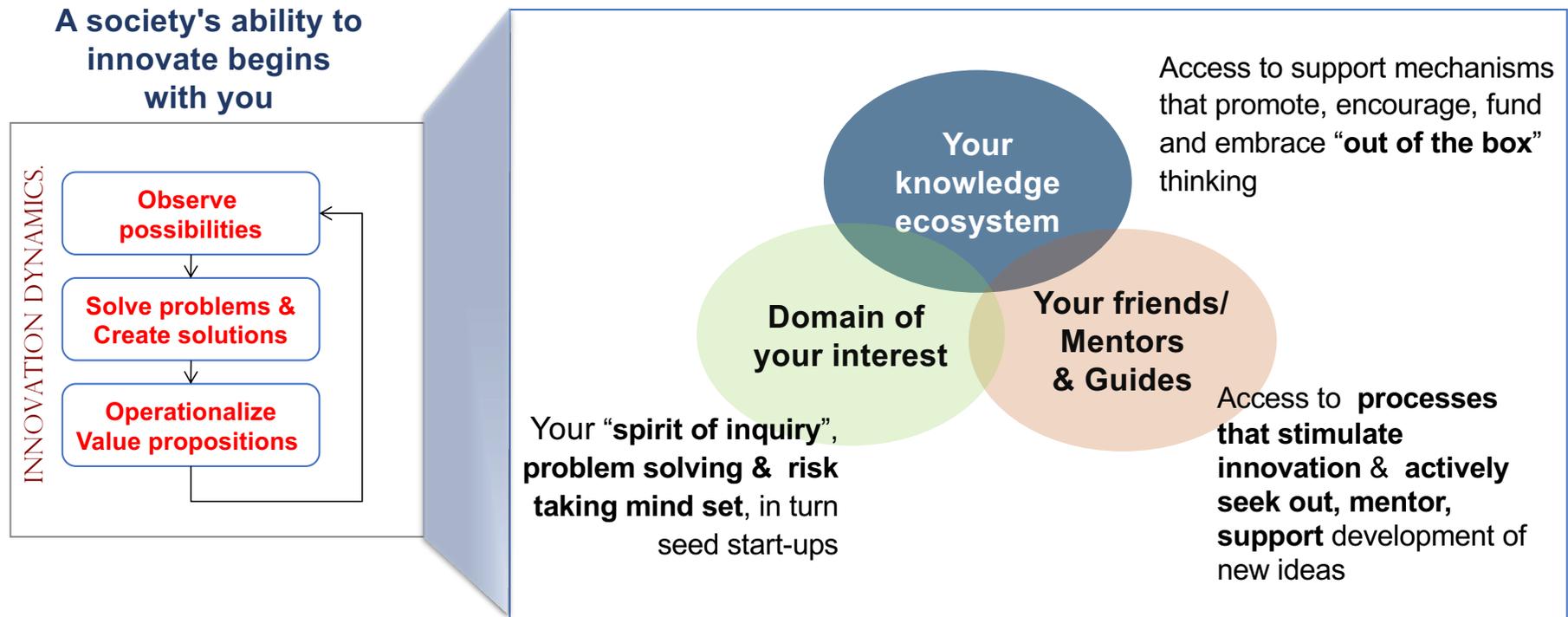
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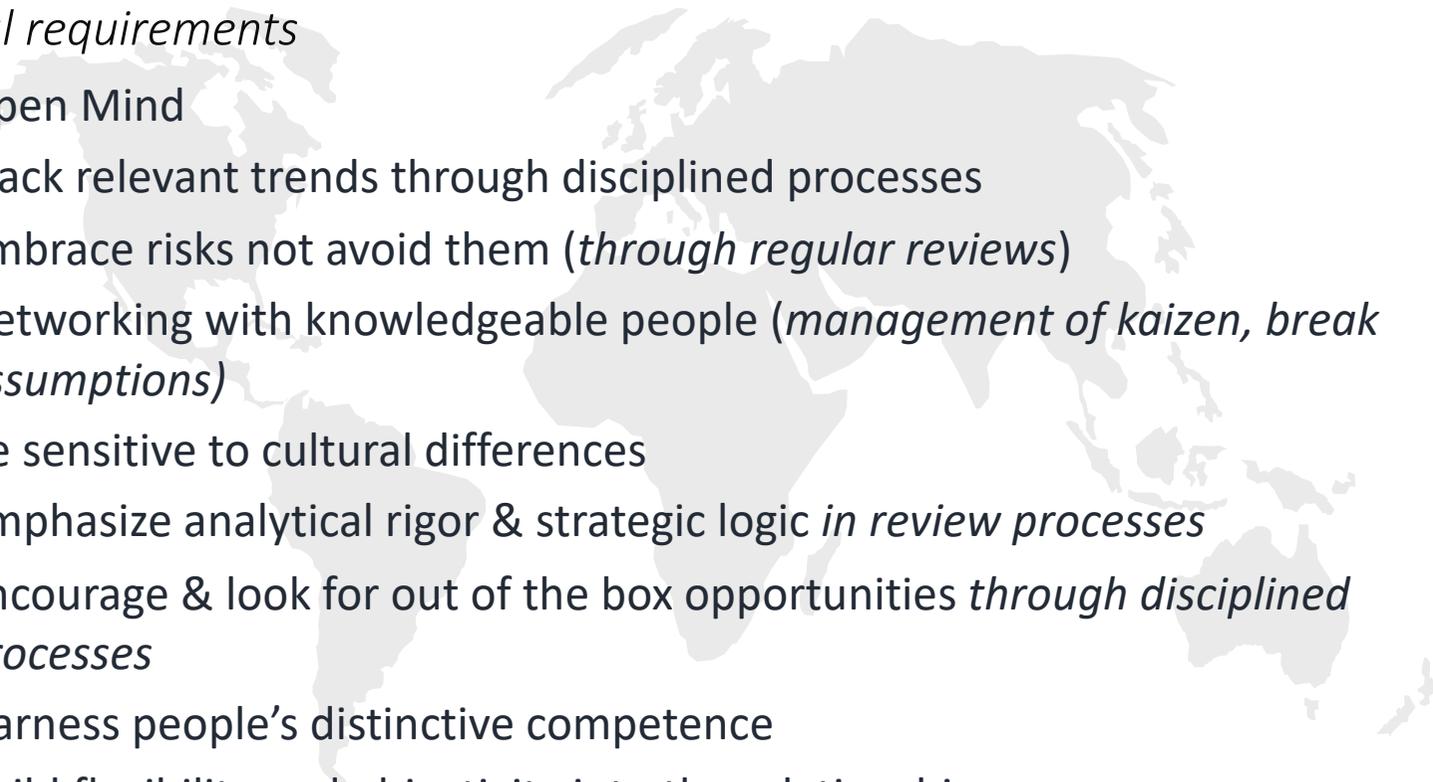
Cultivating the conditions for Innovation

... Is achieved through harmonization of targeted programs
In three Fundamental Domains





Finding your meaning in Society as Problem solver: *The essential requirements*

- 
- Open Mind
 - Track relevant trends through disciplined processes
 - Embrace risks not avoid them (*through regular reviews*)
 - Networking with knowledgeable people (*management of kaizen, break assumptions*)
 - Be sensitive to cultural differences
 - Emphasize analytical rigor & strategic logic *in review processes*
 - Encourage & look for out of the box opportunities *through disciplined processes*
 - Harness people's distinctive competence
 - Build flexibility and objectivity into the relationship
 - Provide enough space for your thinking?

Homework 2

Innovation/Invention in India: Choose the one most important innovation/invention in India (e.g. Amul, Boscun, Raman Rays, P C Ray products and others), that you are familiar with, and then analyze the anatomy of the innovation in a fashion you could draw important lessons for yourself?

Anatomy of Innovation in India

Innovation in India

Identify a few innovation and or inventions you connect with?

Examine what conditions within, and/or outside inspired the inventor's/innovator's work?

What kind of efforts did he/she make to solve the problem(s)?

Lessons that you will like to practice rest of your life and why?

Please discuss (at least one paragraph for each of the points);: (i) How was the inventor inspired? (ii) How did the invention play out ? (iii) How did the other events occur leading the influence of an innovation on society?