

A Transformative Vision: Propelling Regional Development for the Post-Covid Era

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Sustainable, inclusive growth: Resilience through Innovation

WHERE WE ARE



- High debt
- High unemployment
- Climate vulnerability
- Limited financing

SHARED RESPONSIBILITY



- ❖ **Re-imagine** for sustainability (through resilience)
- ❖ **Re-balance** for systemic integrity (recognize ecosystem)
- ❖ **Re-position** for competitive advantage and effectiveness

WHERE WE WANT TO BE



- Resilient economies
- Sustainable livelihoods
- Complete connectivity
- Innovation hub

From the Industrial Revolution

- Progressive thinkers:
 - Cartwright (Power loom)
 - Murdoch (Gas lighting)
 - Watt (Steam engine)



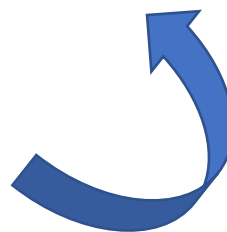
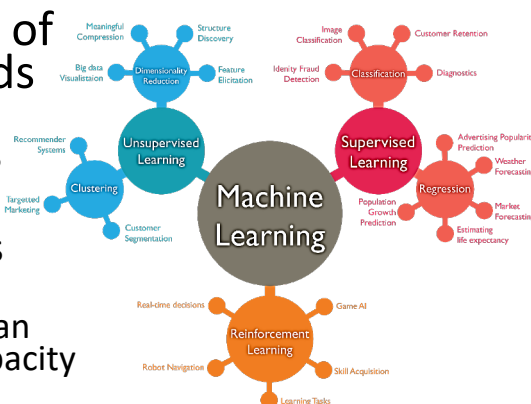
To Quantum Computing

- **A pioneering path for tomorrow?**
 - Increased computational power
 - ▶ Google says its 54-qubit Sycamore processor was able to perform a calculation in 200 seconds; that would have taken the world's most powerful super computer 10,000 years
 - Calculating the factors of very large numbers (500 digits)
 - Potential for tackling problems now viewed as intractable



To the Advent of Computers

- Applications in production of capital and consumer goods
- Analyzing large-scale databases
- Mega-data-crunching machines
- Machine-learning algorithms that can probably surpass known mental capacity



Challenge existing paradigms

EXISTING

Unlimited supplies of labor
(primary industries, low wages)

Limits of small physical size or
critical mass

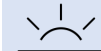
Going Solo

Static approach

Singular modality

NEW

 **Infinite supply of knowledge: high-value added, high wages**

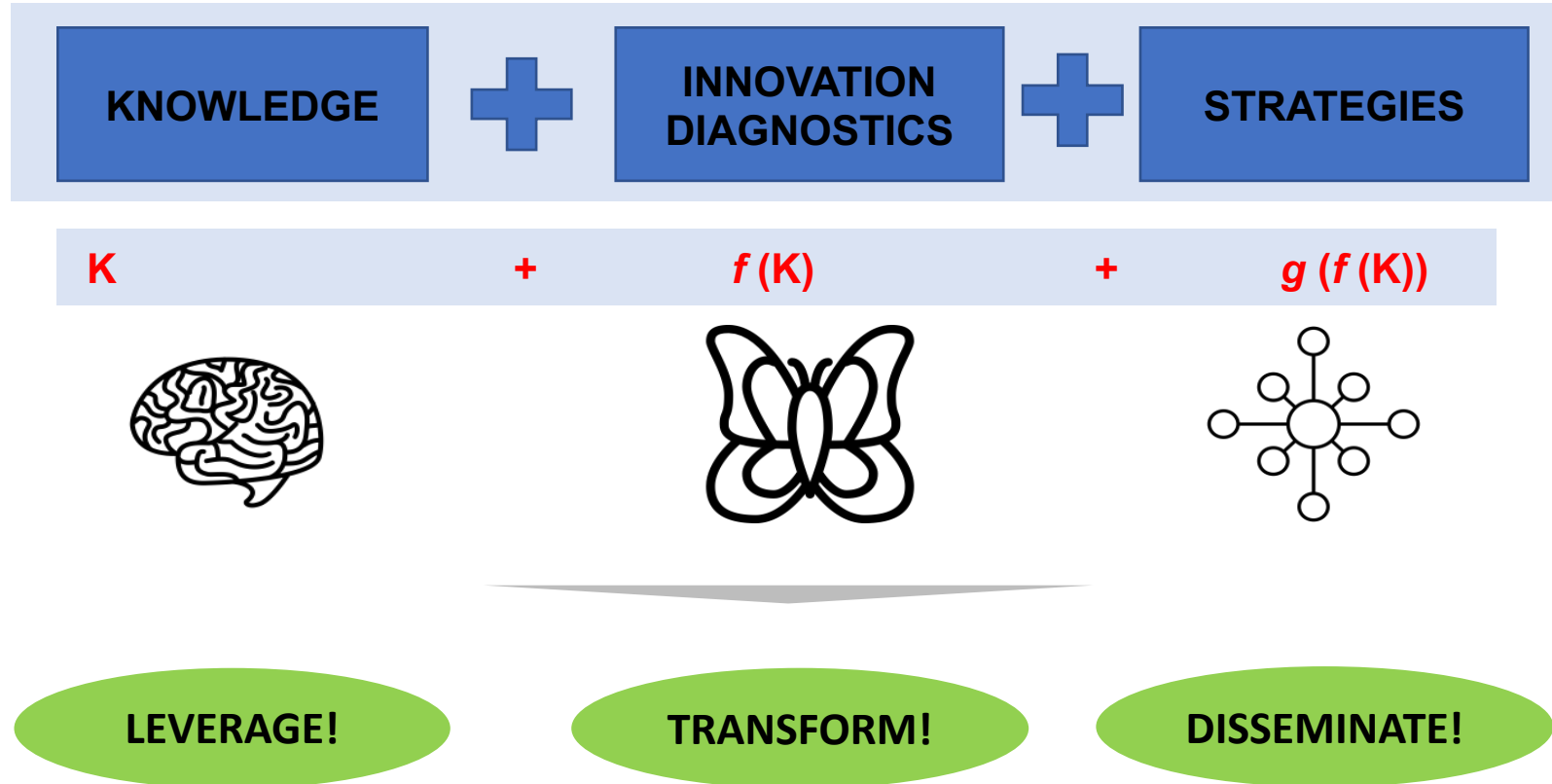
 **Unlimited boundaries (no comparative disadvantage)**

 **Strategic alliances and partnerships**

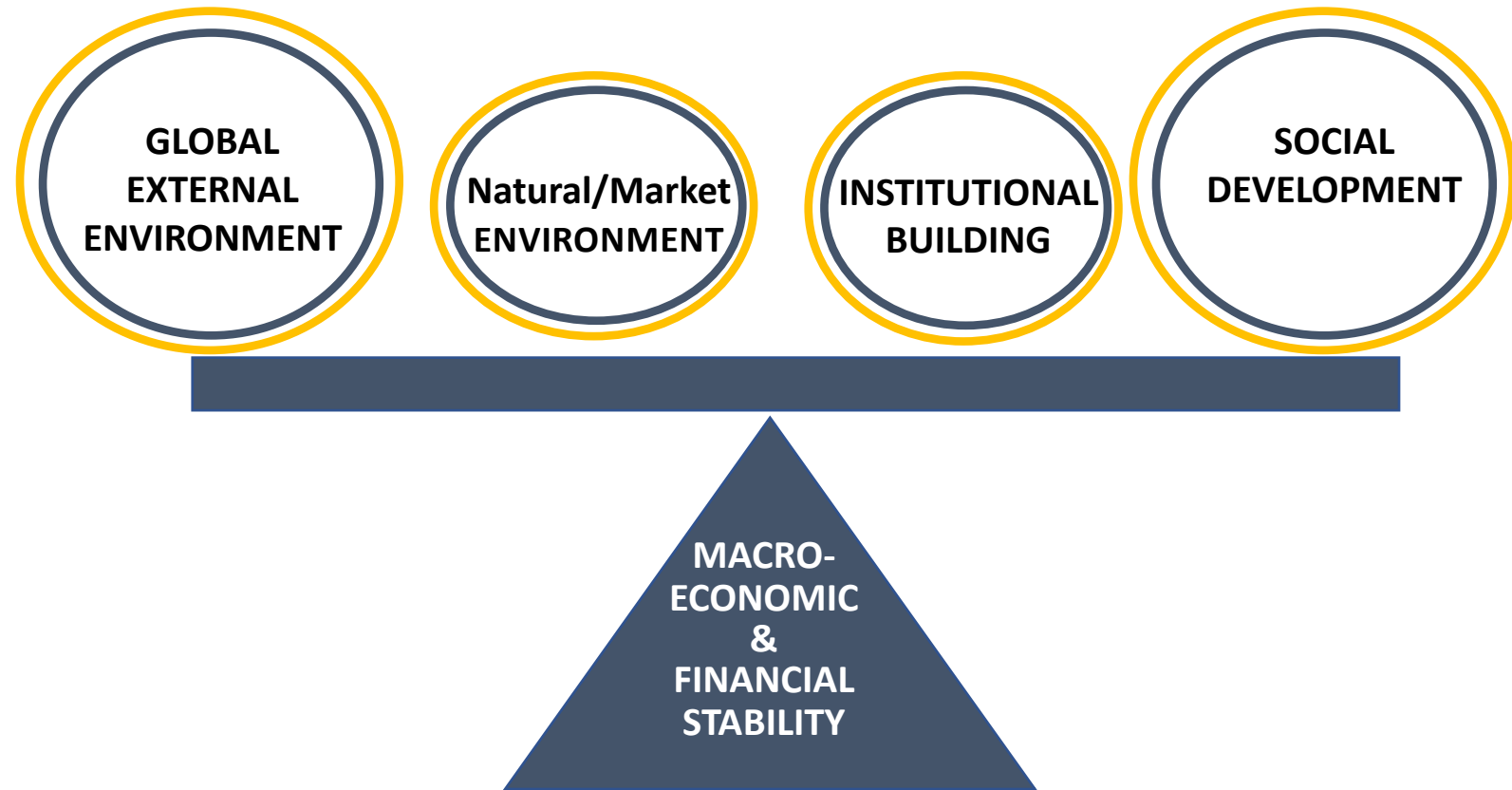
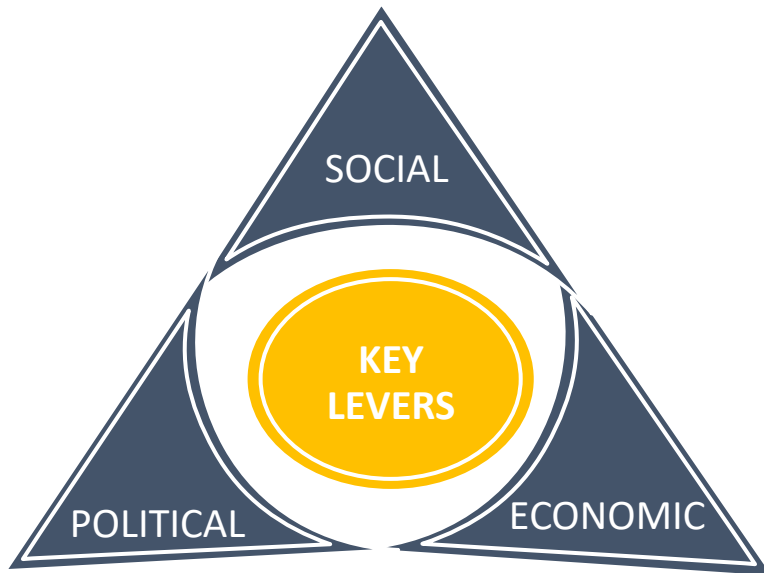
 **Agile approach**

 **Multiple modalities of implementation**

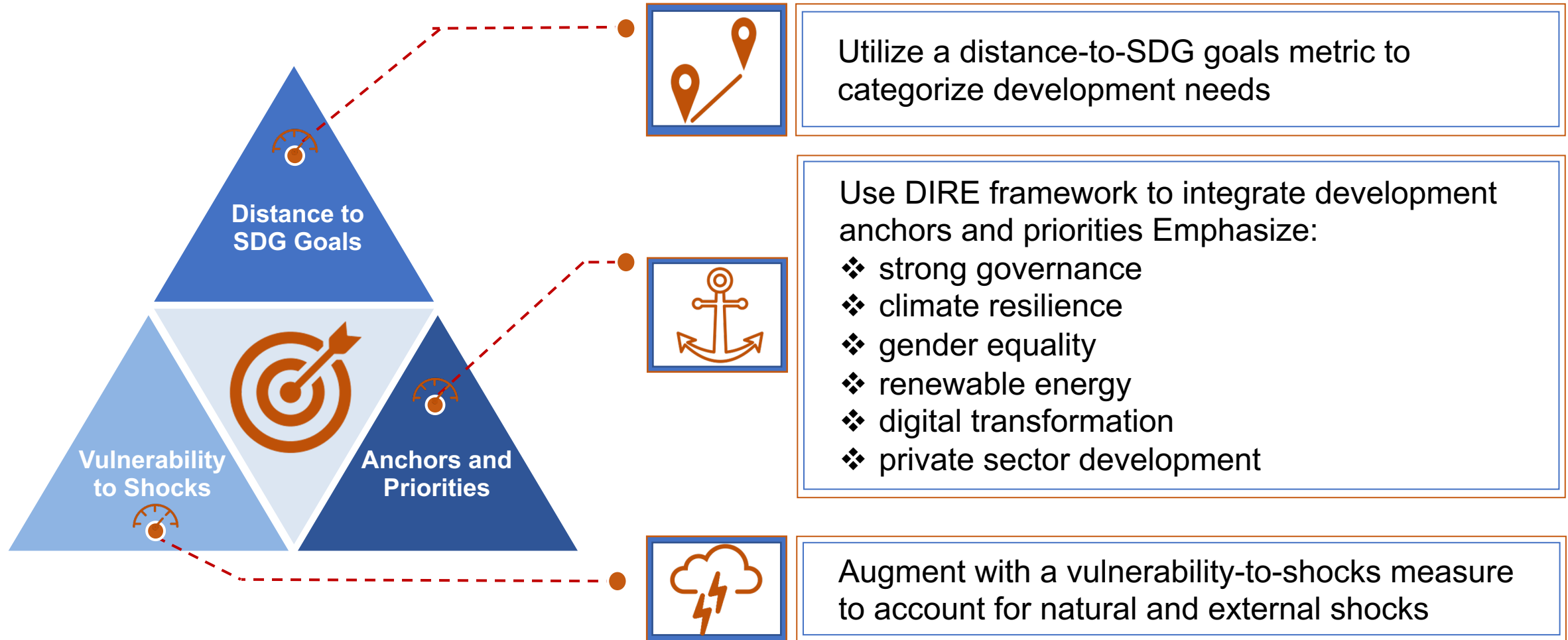
Challenge existing paradigms: **Industrialize knowledge** through K.I.D.S and transformational education systems



Policy Coherence and Resilience – an Ecosystem

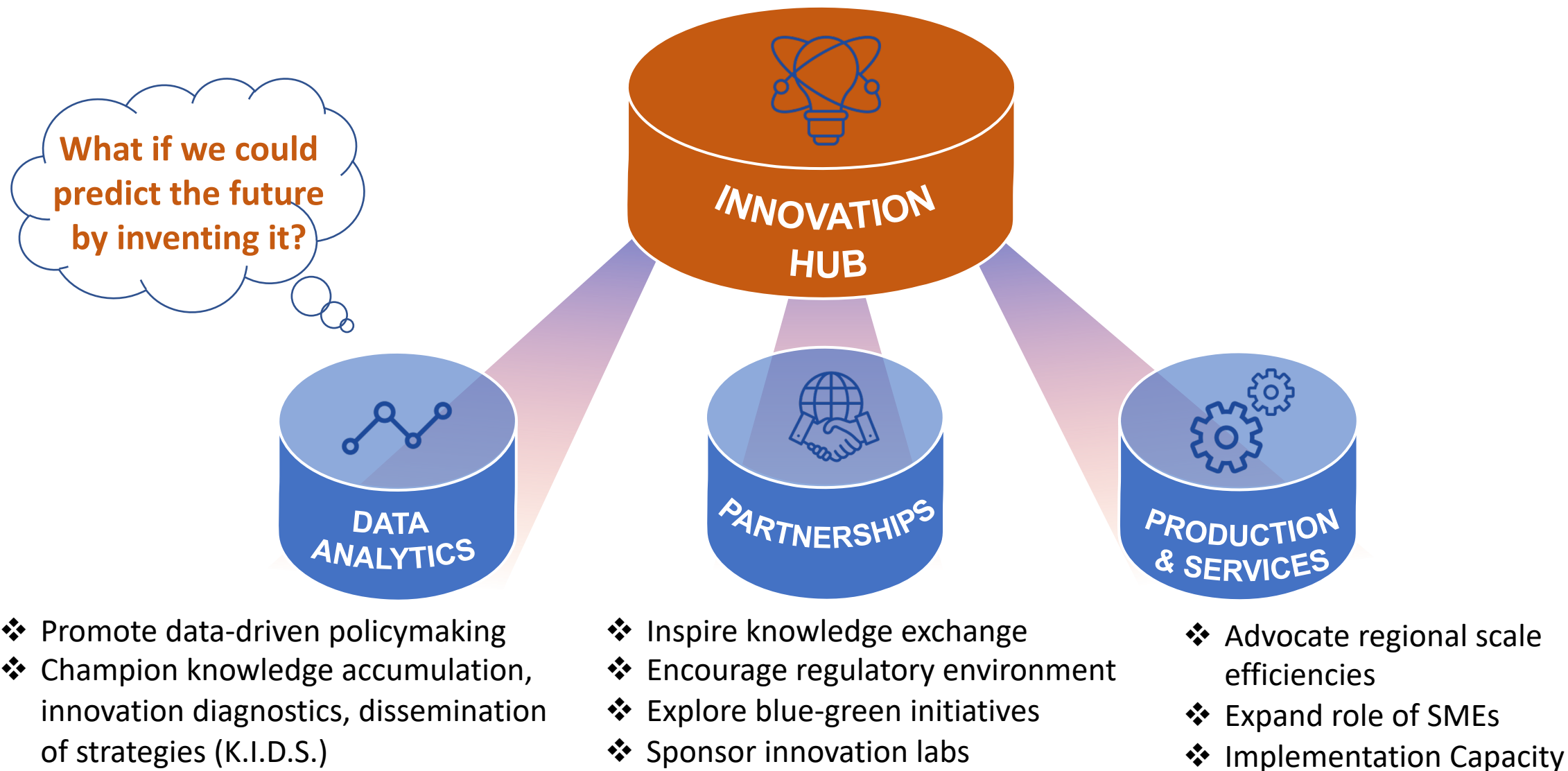


Objective: Foundations (Data-Hub) to provide first class policy advice to better design comprehensive, inclusive policies



Re-position: Innovate and Share To Grow

Objective: To champion transformation through innovation – building **social**, institutional, economic, environmental (natural and market) resilience



Objective: Enhance value added through facilitators

