

# Chapter 12:

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## Well-ordered Innovation and Entrepreneurship

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- ▶ Chapter 12 presents how the fruits of scientific inquiry can be converted to a better life for society by the power of enterprise, from four vantage points:
  - ▶ The first examines centralized economies that have brought large-scale prosperity through free enterprise, using it as a social equity mechanism for the transformation.
  - ▶ The second explores the role of Big Science in translating research into social good, and how it gives direction for achieving universal development aspirations such as the SDGs.
  - ▶ The third looks at how combining the right knowledge management tools with social capital drives innovation, and overcomes constraints to achieve quality of life impact.
  - ▶ The fourth perspective traces the role of serendipity in transforming fundamental science into breakthrough commercial innovation, and how it may be possible to systemize it.
- ▶ All perspectives accompany examples, i.e. Medipix, ELYSIA, LIFTT, SHARP, and the ATTRACT ecosystem, illustrating how Big Science solves social problems via enterprise.

# Chapter 12: Summary Status

- ▶ Current level of completion: over 80%
  - ▶ All authors' submissions have reached the chapter editors
  - ▶ The collated draft of 14,000+ words is being edited to within 8,000 words
  - ▶ Authors have largely streamlined their contributions and editing will add flow
  - ▶ A final review by authors is scheduled for mid-July
- ▶ Draft is expected to be completed by July 31st
- ▶ Authors indicate no requirement for quoted references, images or figures