Science and Technology Park: The Enabling Factor in the Eco-System of Innovative Business and Start-Up in Chiang Mai and Northern Region of Thailand

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1. Institutional setting



2. Starting Point

Strategic Focus Technologies/Industries are the key challenge for innovative business and start-ups in Chiang Mai and Northern Region of Thailand

<u>GOALS</u>

- 1. To actively drive R&BD and Innovation on strategic technologies and industries
- 2. To prepare and create potential utilization of new Northern Science Park building
- 3. To stimulate Science, Technology, Innovation demand and supply alignment



3. Approach

9 KEY ACTIONS for strategic focus industries and technology5 PLATFORMS of Science Park for innovative business and start-ups

9 KEY ACTIONS

- Analyze related international context, national and regional strategy
- 2. Create innovation roadmap
- Demand analysis and identify external players, partners and stakeholders
- Supply analysis and identify internal existing key players and stakeholders
- 5. Propose new internal player (if any)
- 6. Propose potential projects
- 7. Identify sources of fund
- 8. Estimate revenue, KPIs and outcome
- 9. Develop plan and implement

<u>5 PLAI FURIVIS</u>	
Incubation	Start-Ups, Spin-Offs, Research to Market Competition
STI Service	STI Infrastructure, Intellectual Properties Management, Design
Co-Research	Collaborative Research with Companies
IRTC	Industrial Research & Technology Capacity Development
Pilot Plant	Pilot Plant for Scale Up Research and Development

4. Outputs



5. Lessons



6. Follow up

- 1. Model of budget supporting from stakeholders for crossing over the valley of death
- 2. Model of start-ups with acceleration and failure acceptation
- 3. Venture capital and other funding support for start-ups
- 4. Innovative business and start-ups contribute to city and regional economic development
- 5. Good practice on triple helix model





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