

Social Foresight Scenario Building Process



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Mission

Innovation Foresight Institute (IFI) is a consultative and think tank unit under National Innovation Agency (NIA). The unit mandates are to **foster Thailand innovation system at large through** development of tools and mechanisms on **strategic foresight, trendsetting, and future-thinking enhancement**.

Objectives

1. **Community Advocacy** – To enhance future-thinking capability in Thai futurists and to seek advocate support through the futurists community
2. **Long-view Society** – To explore, identify and design preferable future scenes that transforming the economy, society and livelihood of Thailand
3. **Future Design** – To promote the use of futures studies in strategic design and planning to the public at large
4. **Innovation Informatics** – To promote the use of informatics and evidence-based support in future design

Capability Development

- Foresight Training
- Toolbox Development



Innovation Foresight

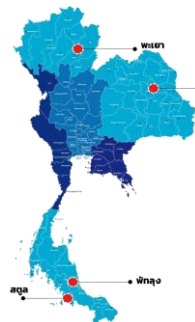
Community Building

- Knowledge Sharing
- Seminar and Conference

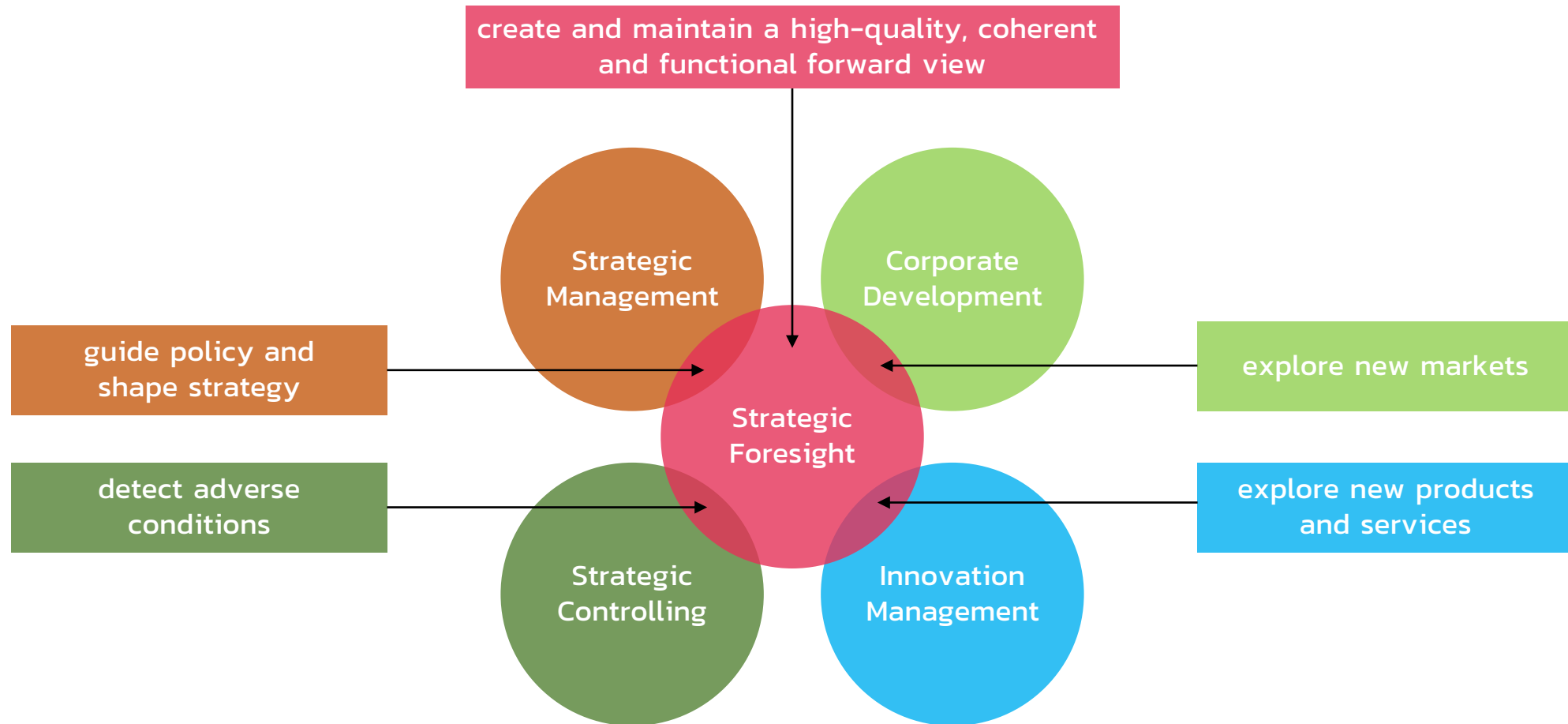


Collaborative Research

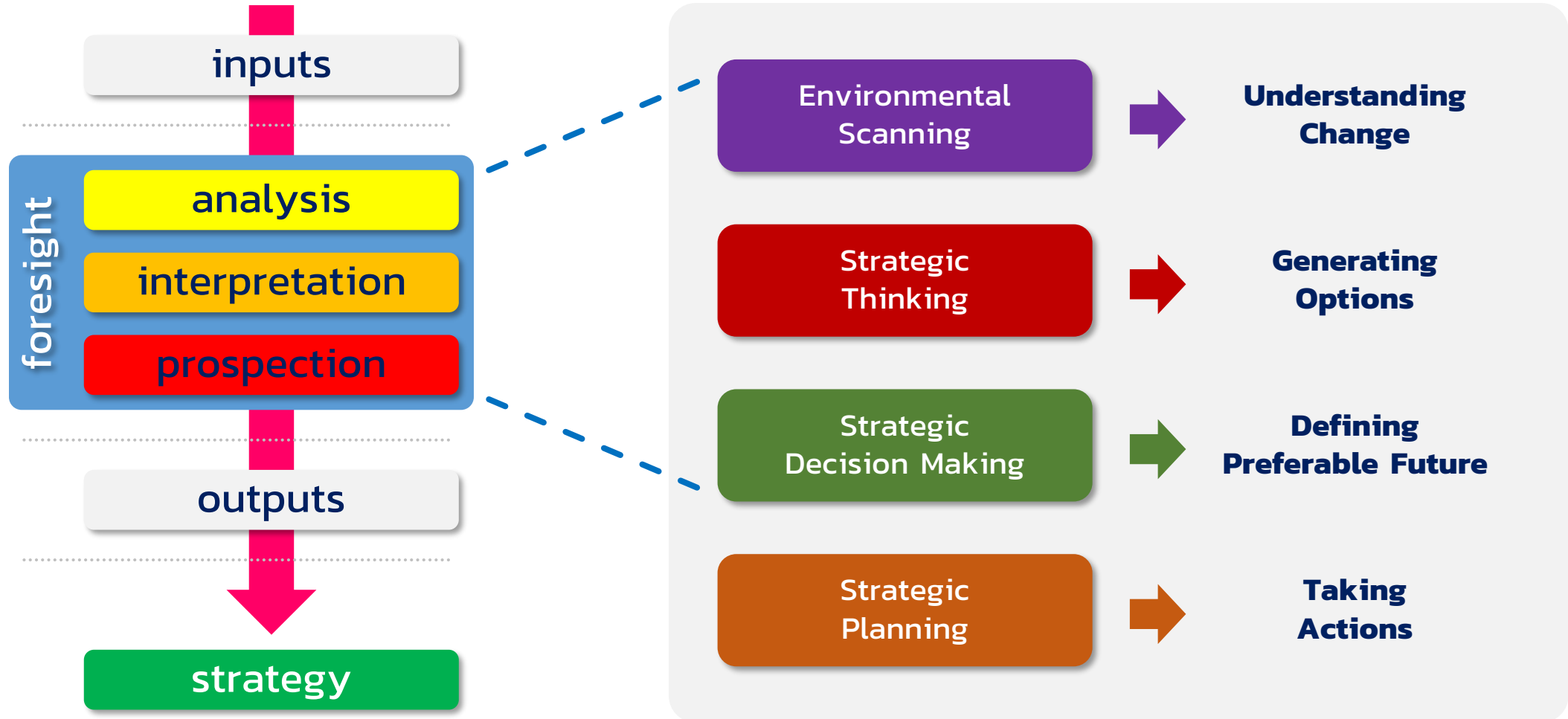
- Strategic Foresight
- Social Foresight

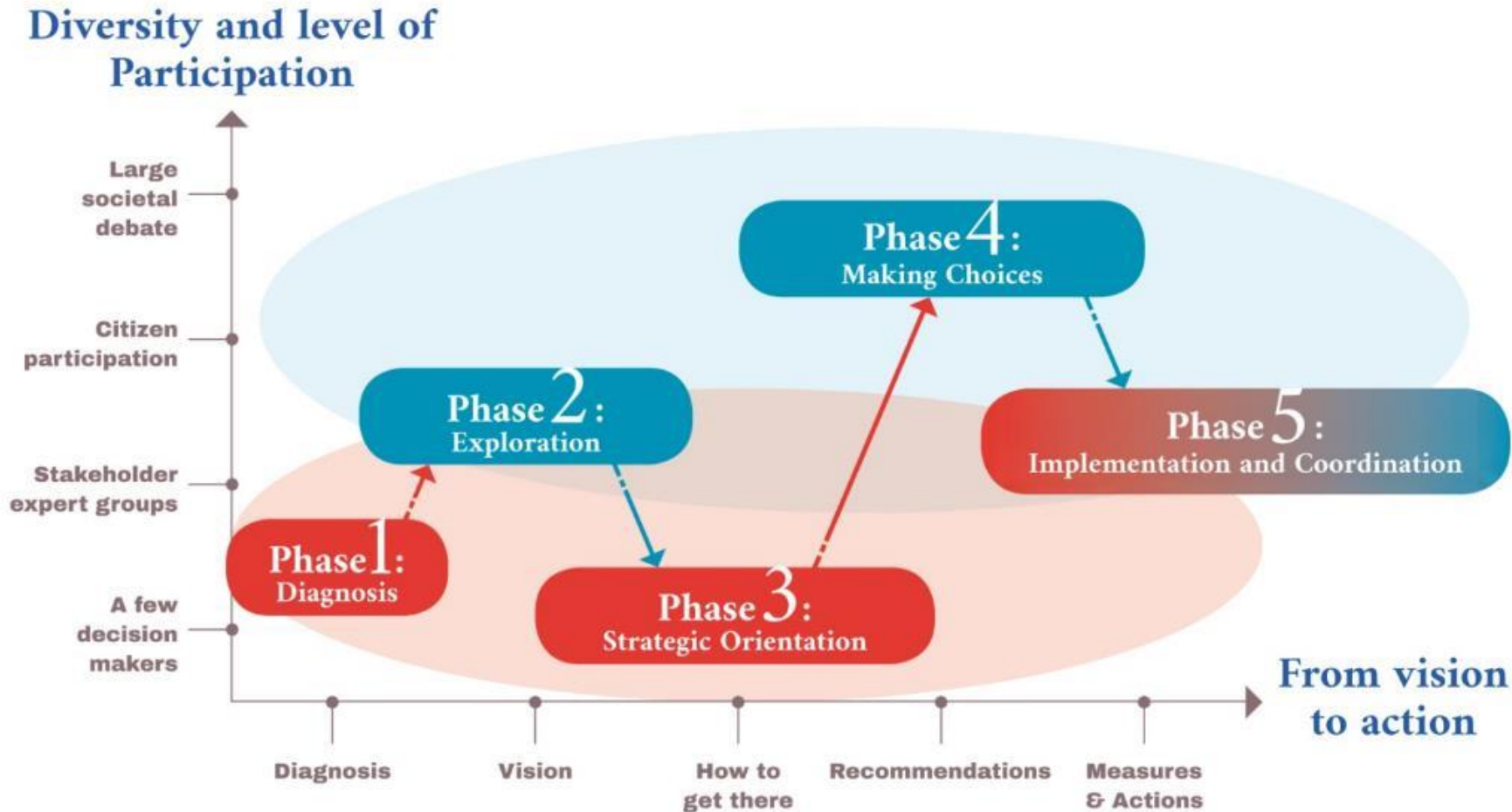


Strategic Foresight creates a coherent and functional forward view.

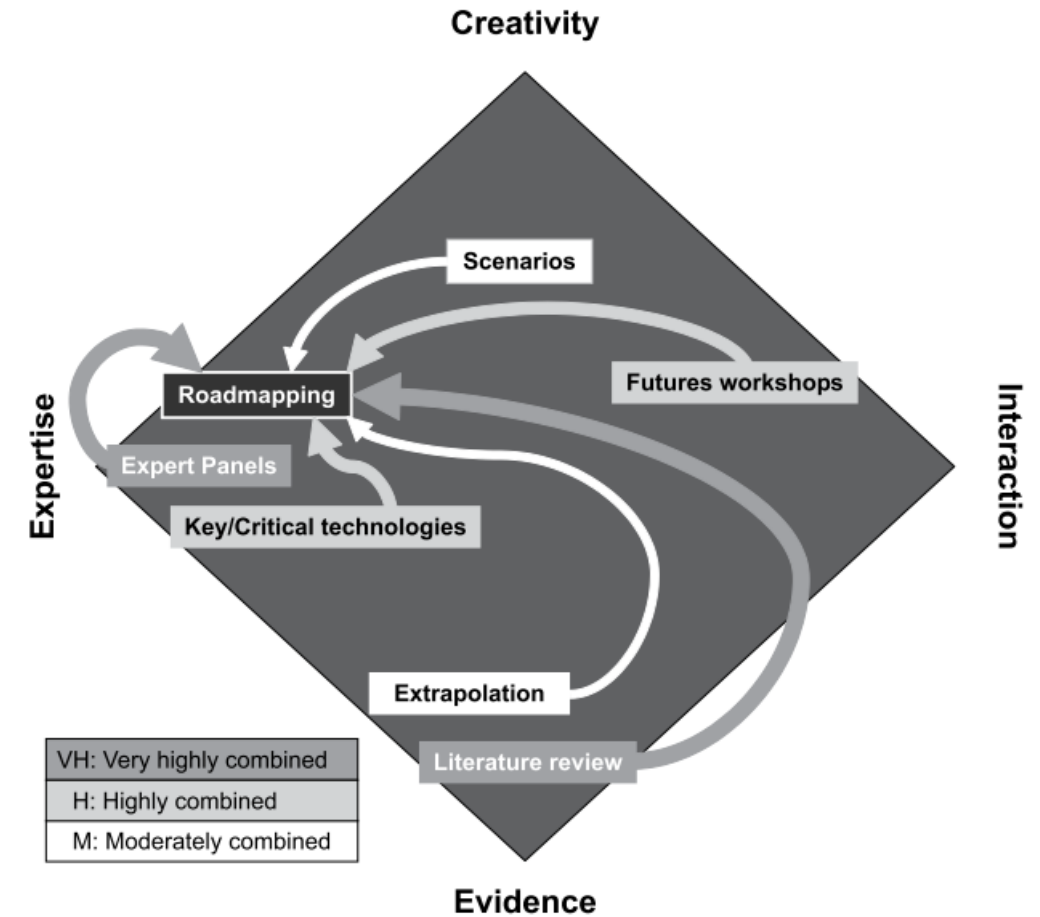


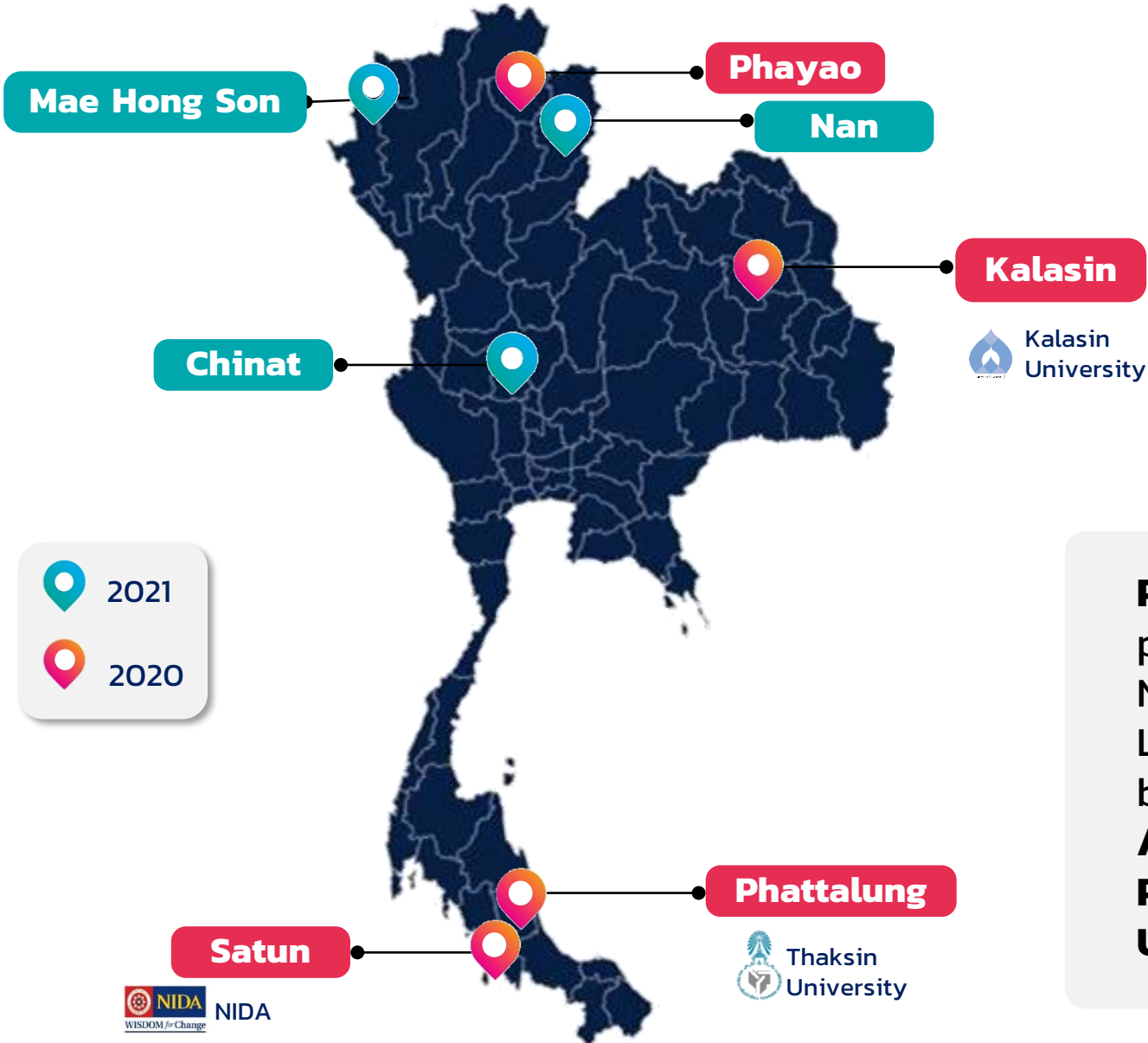
Foresight Process





1. policy-makers and experts reflect on the current situation
2. Building scenarios with wider participation of stakeholders
3. policy-makers discuss possible strategies
4. open public debate to reach the consensus
5. selected options are translated into policy





"Social Foresight is the ability to create and sustain a variety of high quality images and understandings about futures and apply these in a range of socially useful ways; for **example**, to develop policy, guide strategy, avoid or mitigate disasters and pursue social innovations."

by Richard Slaughter

Phayao is one of Thailand's seventy-six provinces lies in upper northern Thailand. Neighboring provinces are Nan, Phrae, Lampang, and Chiang Rai. In the northeast it borders Xaignabouli of Laos.

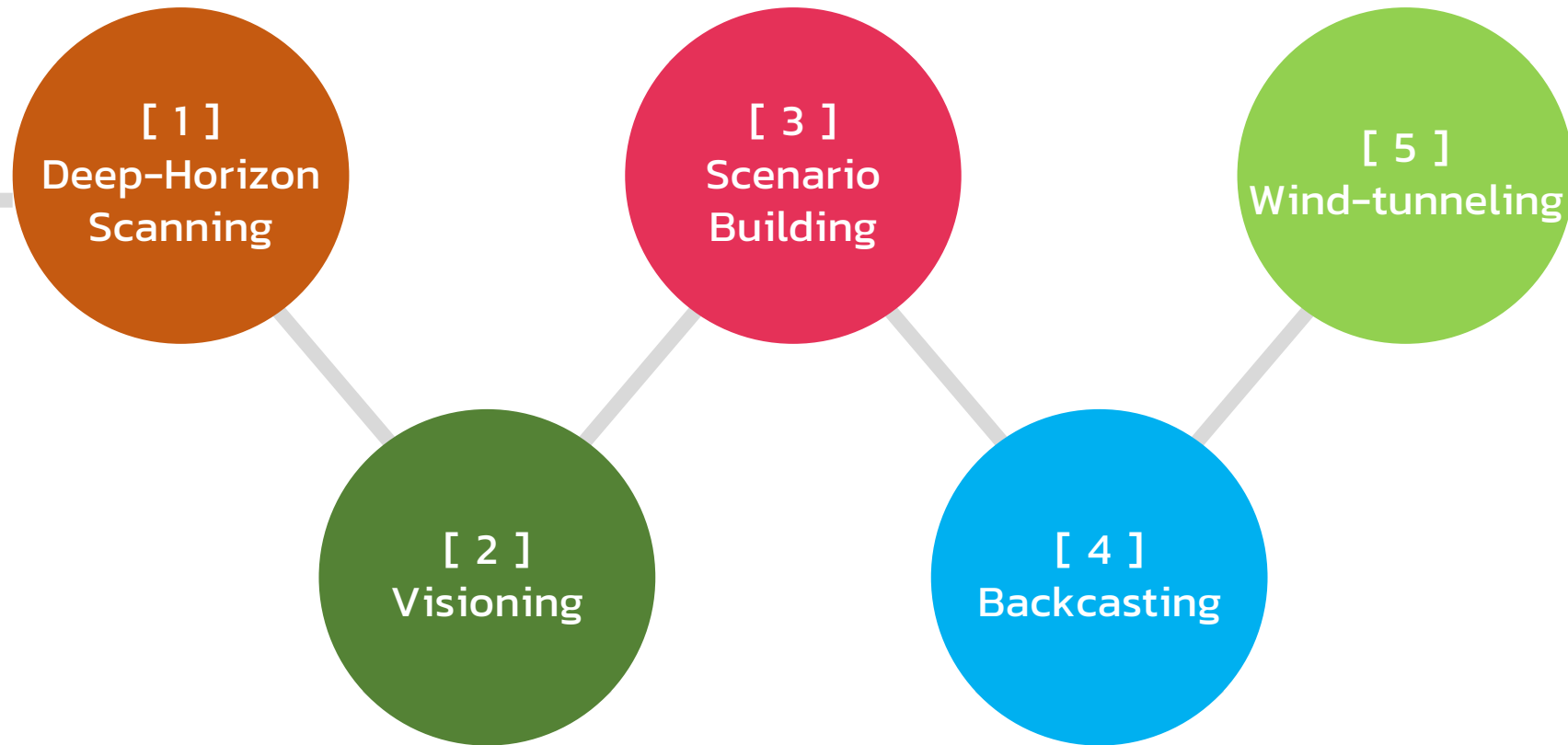
Area: 6,335 km²

Population: 475,215 (2018)

University: University of Phayao

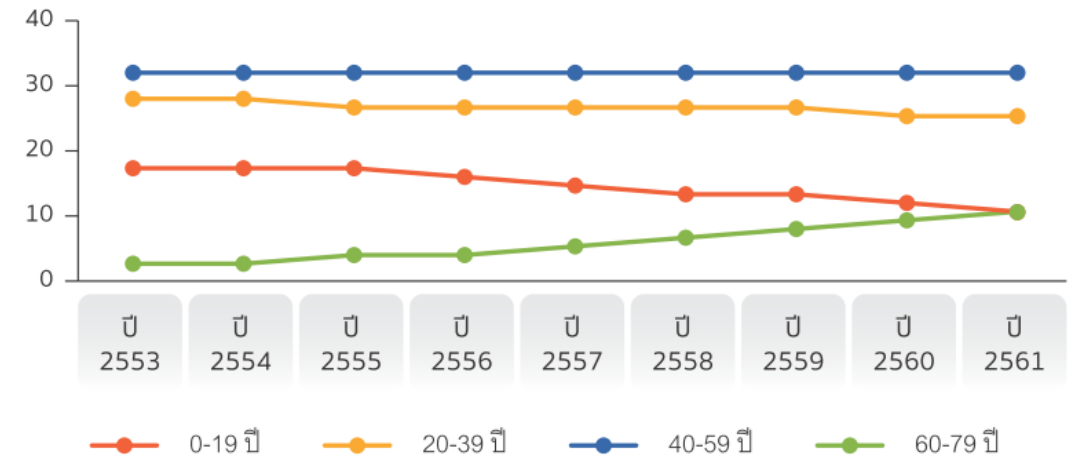
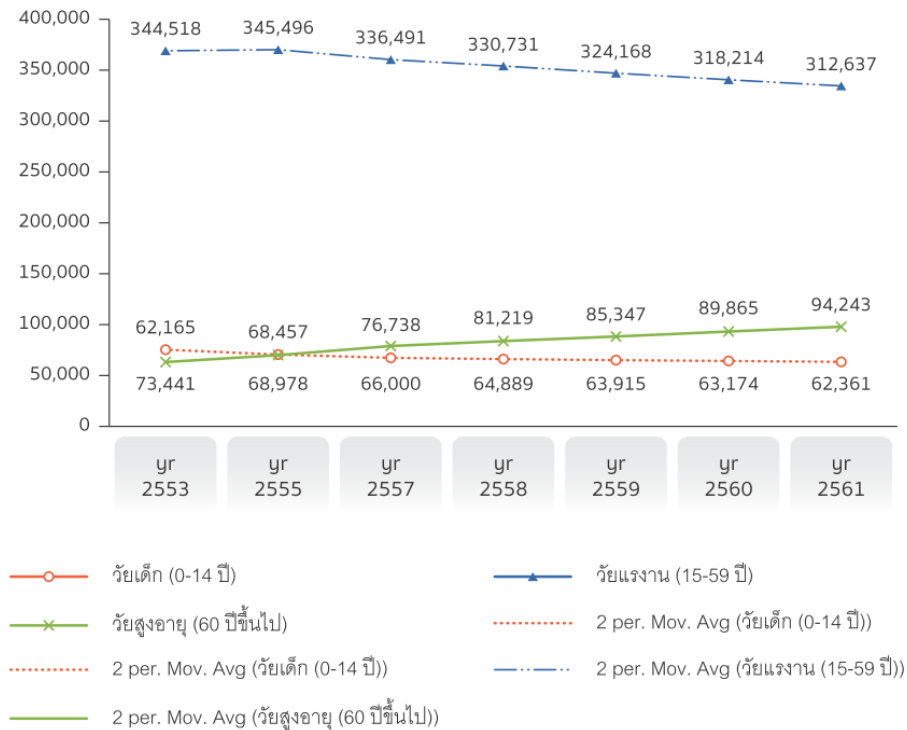


Research Design



[1] Deep-Horizon Scanning

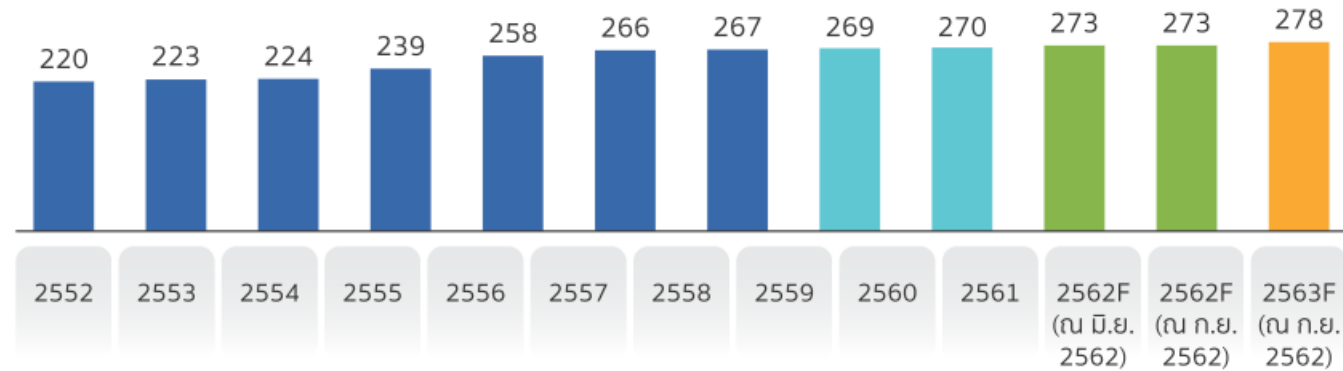
จำนวนประชากรจังหวัดพะเยาจำแนกตามอายุ 2553-2561



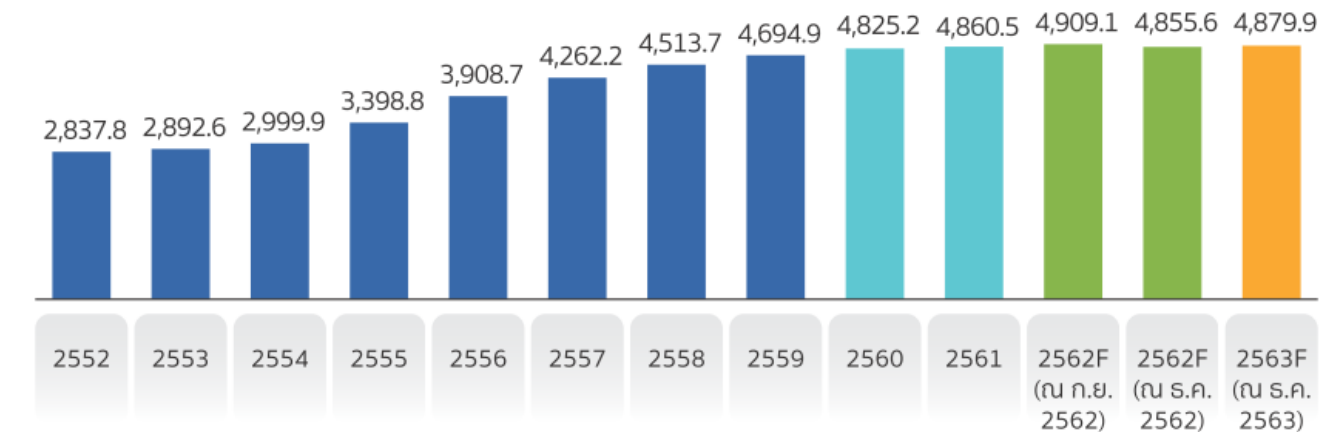
Population

[1] Deep-Horizon Scanning

จำนวนโรงงานอุตสาหกรรม (โรง)

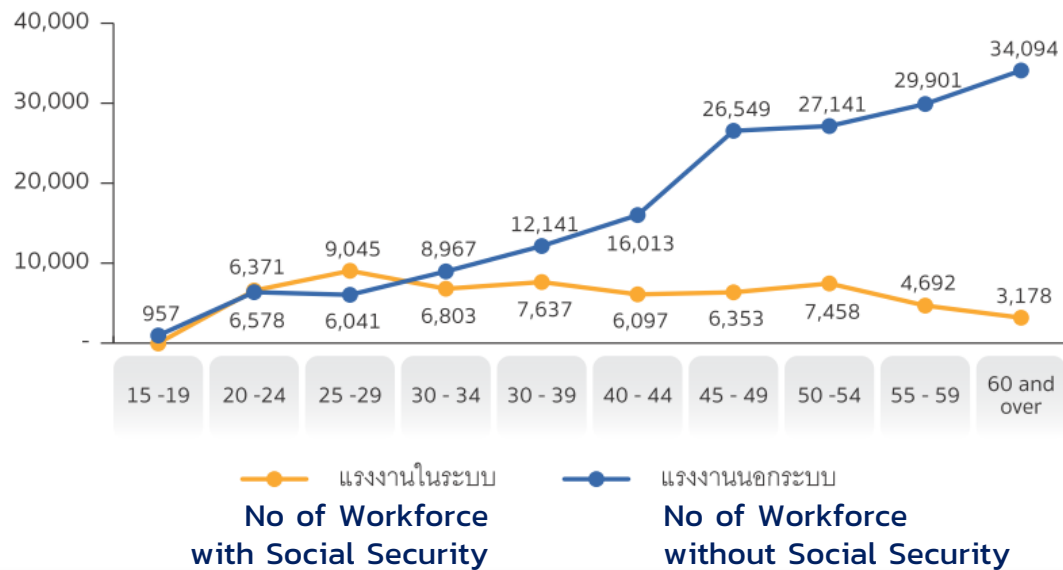
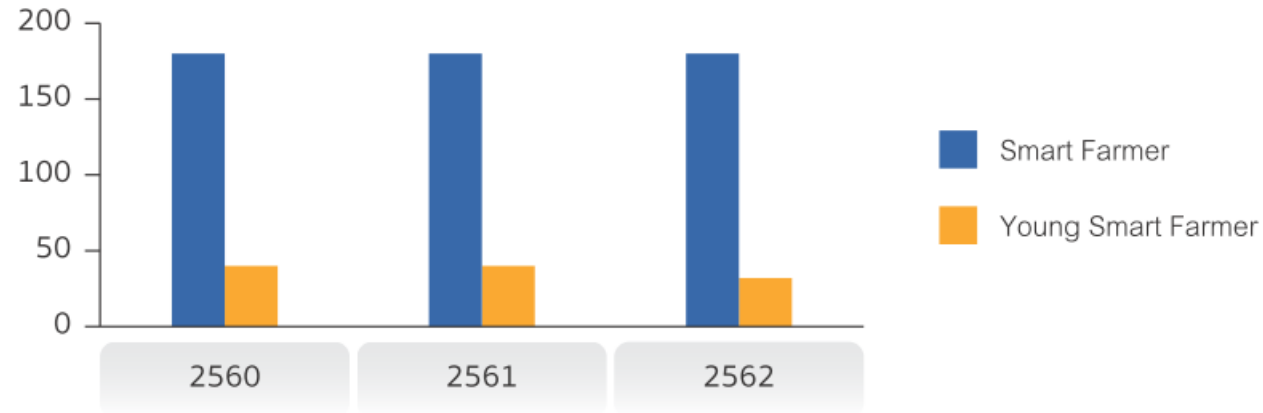


จำนวนทุนจดทะเบียนโรงงานอุตสาหกรรม (ล้านบาท)



Factory / Manufacturing

[1] Deep-Horizon Scanning

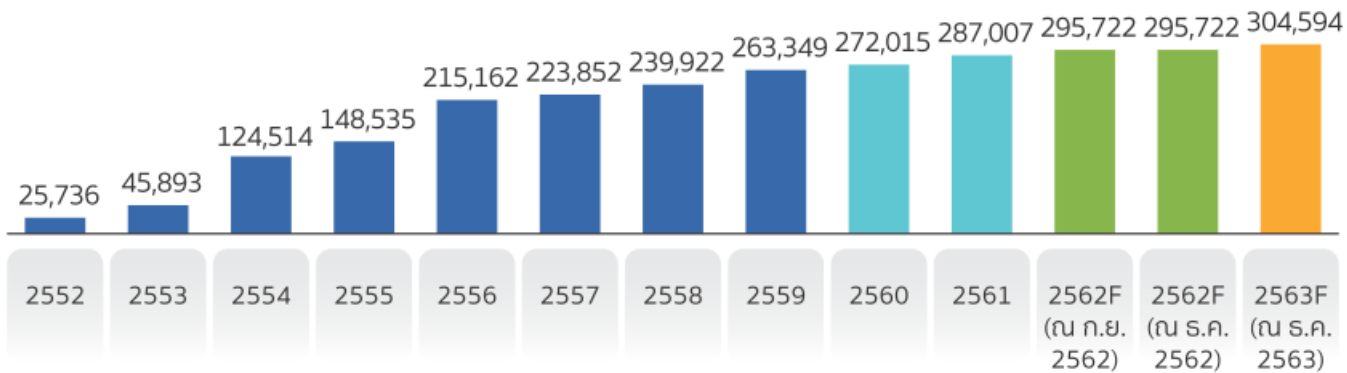


Agriculture

[1] Deep-Horizon Scanning

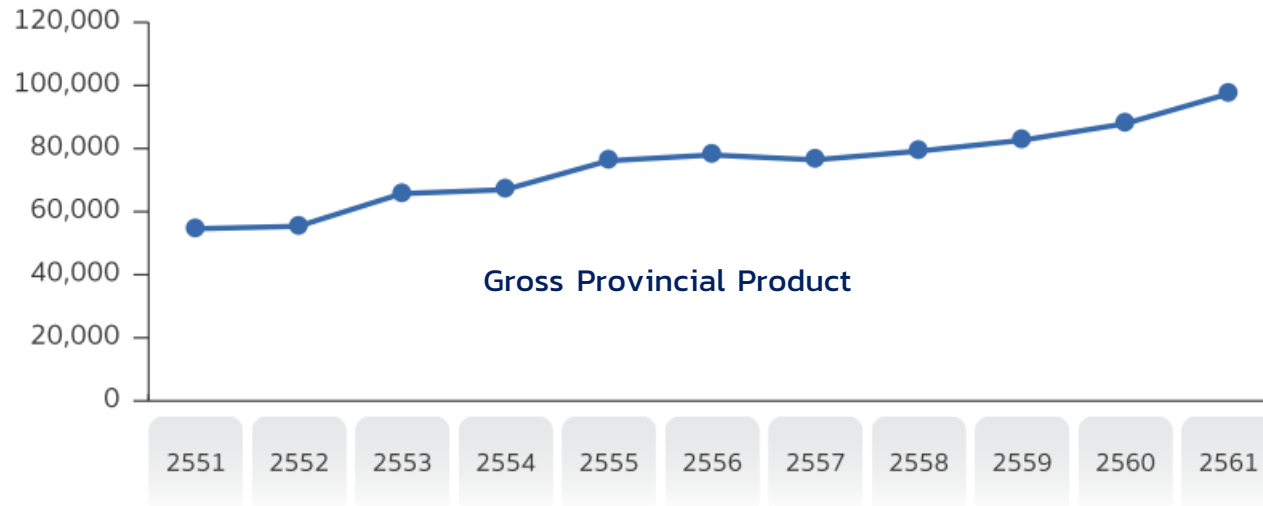
No of Tourists

จำนวนนักท่องเที่ยว (คน)

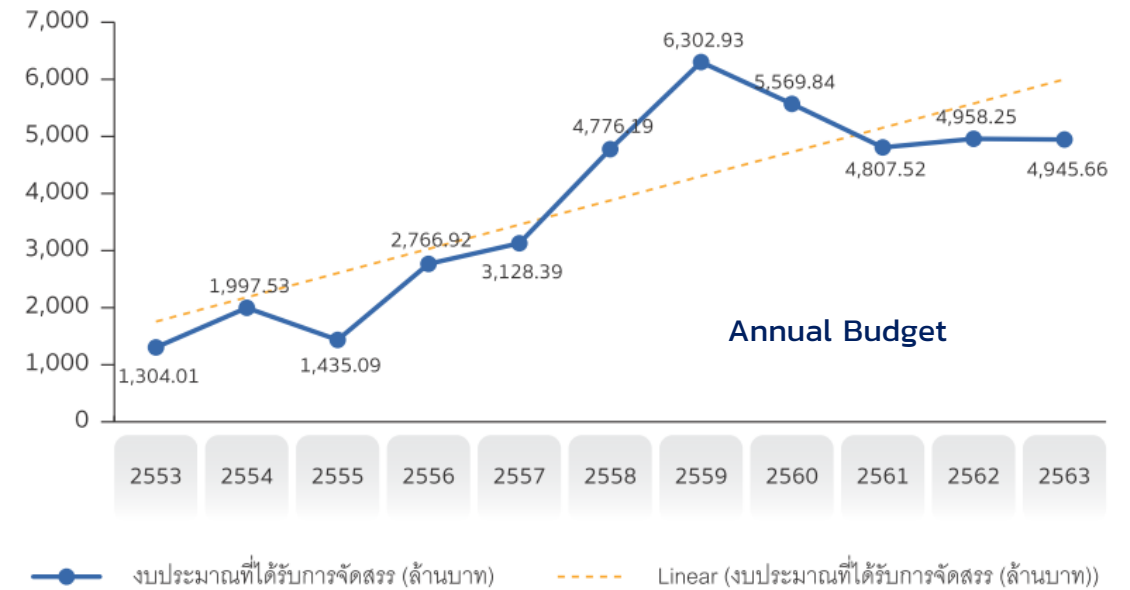


[1] Deep-Horizon Scanning

GDP จังหวัดพะเยา



งบประมาณที่จังหวัดพะเยาได้รับจัดสรร (ล้านบาท) ปีงบประมาณ 2553-2563



Budgeting

[2] Visioning

Research Team – Analyze Key Issues

Agriculture	Technology	Slow Life
Workforce	Learning	Smart City
Aging Society	Living	Life Long Learning
Healthiness	Wellness	Zero west
Tourism	Well being	Human Capital
Retirement	Safety Agriculture	Innovation



Research Team – Set the Research Focus

Future of City	Future of Learning	Phayao Well-being
Future of Living	Future of well-being	Phayao Learning City
Future of smart	Future of Wellness	Living Well-being

[3] Scenario Building



Developing 30 Driving-Forces Cards

ปัจจัยขับเคลื่อน ด้านเศรษฐกิจ (DF)	ระดับความคิดเห็น ต่อความสำคัญ (ผู้เชี่ยวชาญพื้นที่)	ระดับความคิดเห็น ต่อความไม่แน่นอน (นักวิจัย)
อุตสาหกรรมอาหารและการเกษตร (Agriculture and food industry)	4.50	1.6
เครื่องจักรกลอัตโนมัติ (Automation)	3.60	3.2
ค่าครองชีพ (Cost of living)	4.20	3
สังคมไร้เงินสด (Cashless society)	4.40	2.6
การทำงานรูปแบบใหม่ที่ยืดหยุ่น (Flexible work)	4.40	2.8
อุตสาหกรรมสุขภาพและความเป็นอยู่ (Health and wellness industry)	4.40	2
แรงงานที่มีทักษะสูง (Highly skilled workforce)	4.10	3.4
อุตสาหกรรมค้าปลีกและบริการ (Retail and service industry)	3.80	3
เศรษฐกิจแบ่งปัน (Sharing economy)	4.20	2.8
นโยบายสวัสดิการ (Welfare policies)	4.20	3.2
รวม	4.18	2.76

Delphi Technique on Driving Forces
(Expert Opinions)

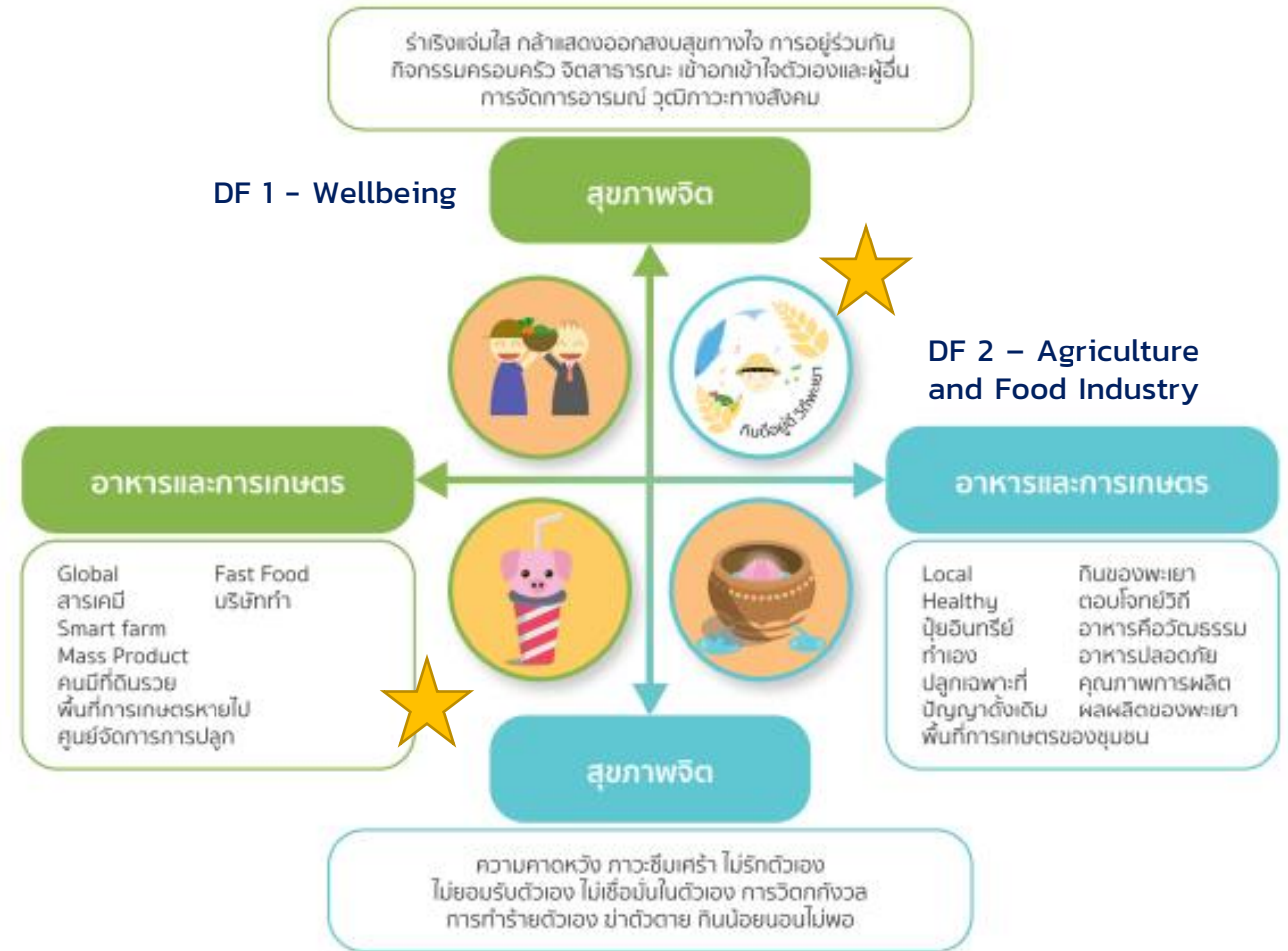


Participatory Process with Local Stake Holders

[3] Scenario Building

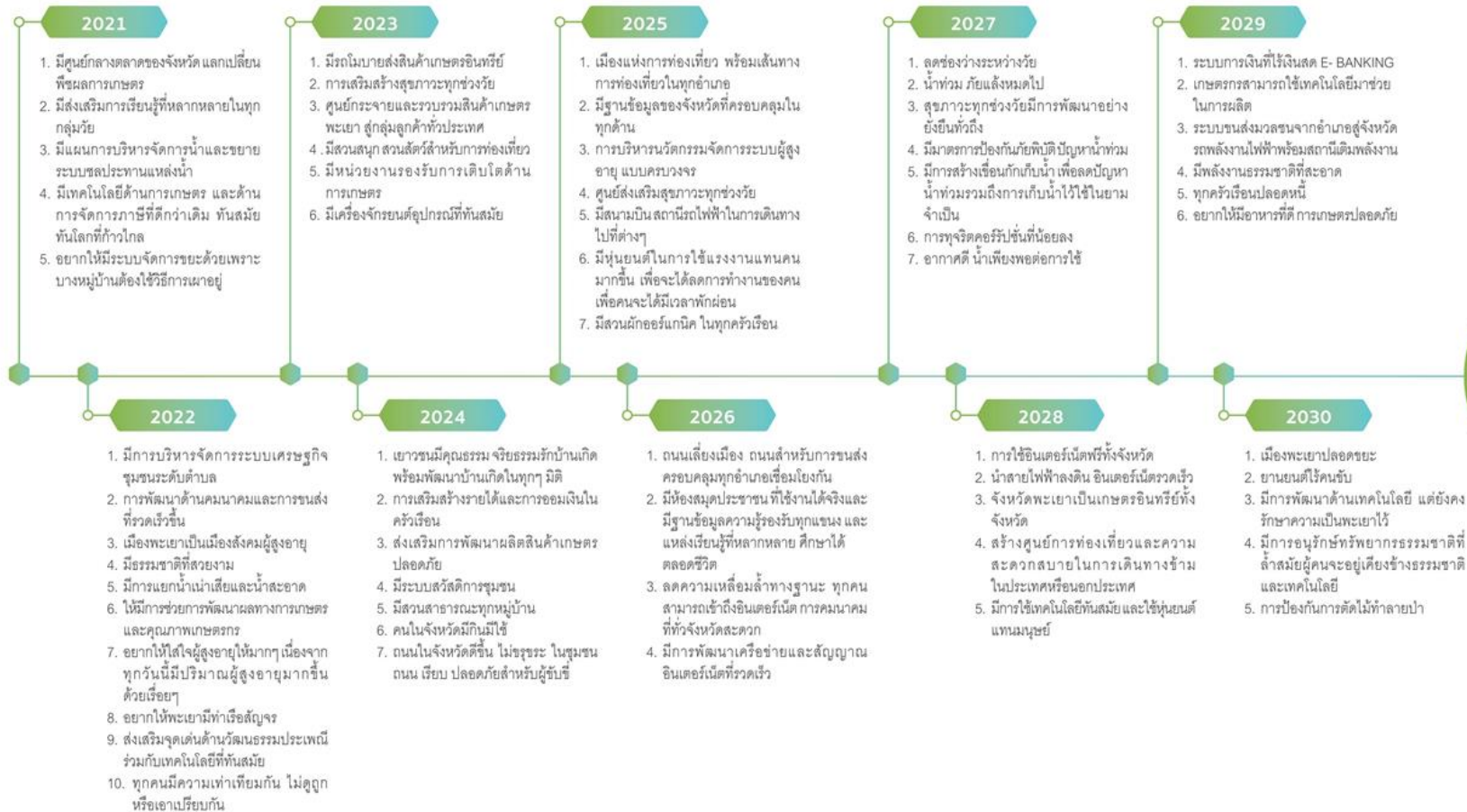


Brainstorming and Voting



[4] Backcasting + [5] Wind-tunneling

แผนภาพ การพยากรณ์ย้อนหลัง (Back casting) จากทัศน์ที่ 1 ก็นด้อยู่ดีวิถีพะเยา



[4] Backcasting

แผนภาพ การพยากรณ์ย้อนหลัง (Back casting) จากทัศน์ที่ 2 ก็นอยู่ไม่สุข ทุกข์เพราะทุนนิยม



[4] Backcasting



Communication with the Public

[5] Wind-tunneling



Identifying Areas and Issues that need Actions



จบการนำเสนอ

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