

Fostering Regional Cooperation: Building partnerships between scientific and research councils in the Asia Pacific region

THAILAND

Dr. Chalee Vorakulpipat, CISSP, CISA, PMP
Principal Researcher, Director – Communications and Networks Research Group,
Founding Head – Cybersecurity Laboratory, NECTEC
Advisor to the Secretary-General of the NCSA

Thailand National AI Strategy and Action Plan (2022 – 2027)

Vision

“Thailand has an effective ecosystem to promote AI development and application to enhance the economy and quality of life within 2027”

3

Target objectives

Human capacity and Technology

- ▶ AI Reskill/ Upskill/ New skill for academic sector
- ▶ AI skill is used to enhance all work sectors
- ▶ New professional based on AI and digital skill

Economic growth

- ▶ Increase productivity with high value-added products and services using AI
- ▶ AI as a driver for Thailand national agenda
- ▶ AI innovation for Tech startups / SME / Digital Business

Social and environmental impact

- ▶ Enhance public access to government services using AI
- ▶ Bridging income, education, and healthcare gaps
- ▶ Better environment and efficient use of natural resources
- ▶ Enhance national security and safety

5

Strategies



Strategy 1

Preparing Thailand's readiness in social, ethics, law, and regulation for AI application



Strategy 2

Developing national infrastructure for sustainable AI development



Strategy 3

Increasing human capability and improving AI education



Strategy 4

Driving AI technology and innovation development



Strategy 5

Promoting the use of AI in public and private sectors

10

Target sectors

Food & agriculture

Healthcare & medical

Education

Security & safety

Energy & environment

Government service

Logistics & transportation

Creative economy & tourism

Manufacturing

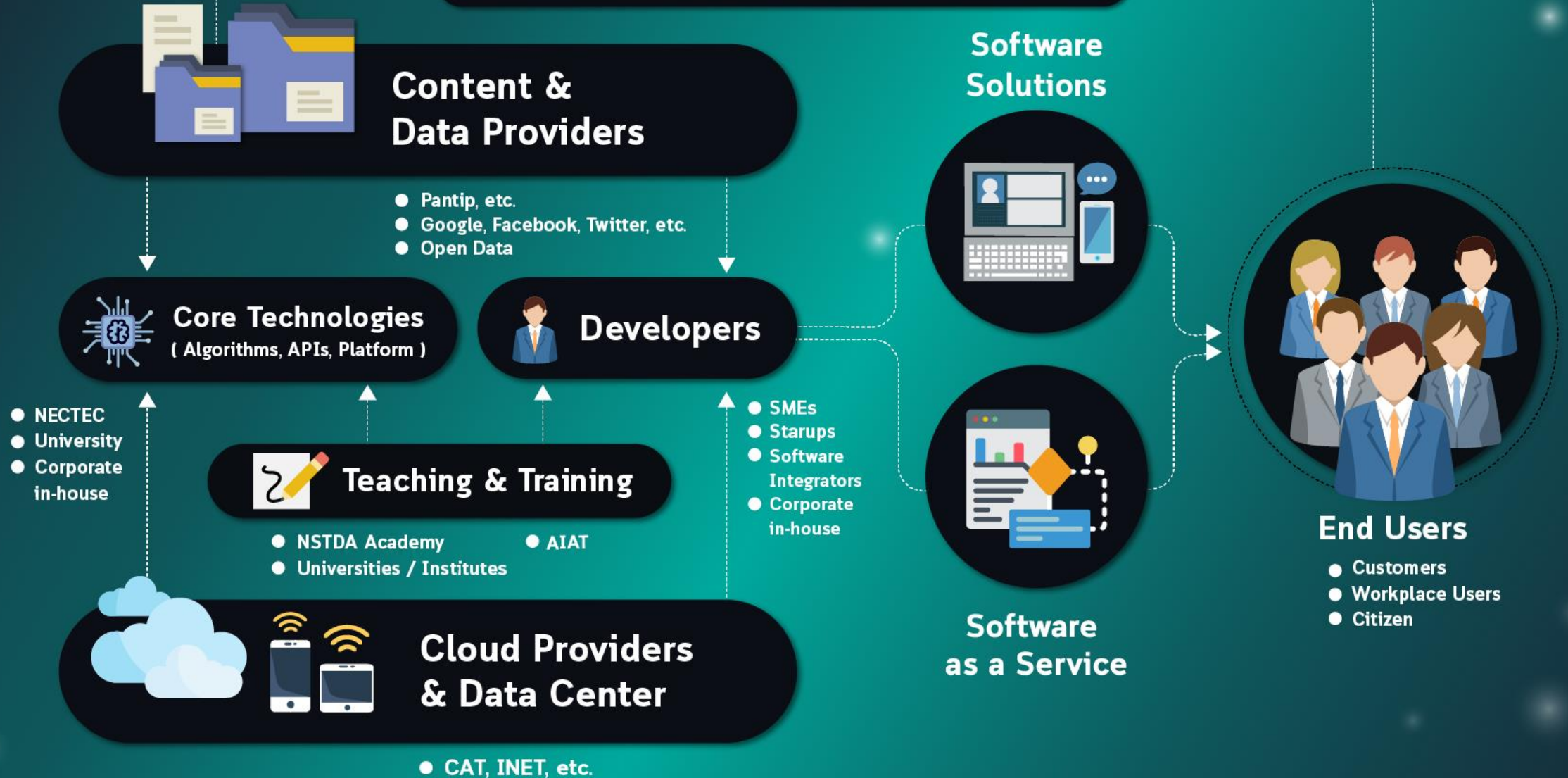
Trade & finance

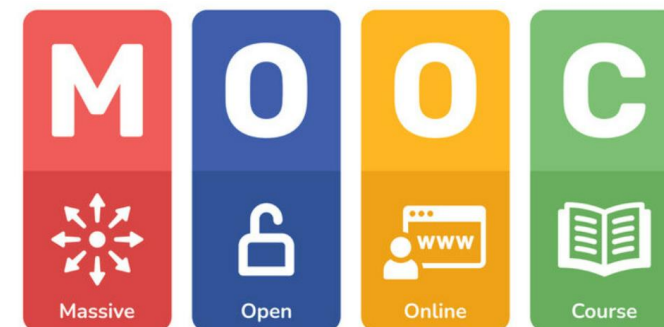
Focus on phase 1 (2022 - 2023)

Additional focus on phase 2 (2024 - 2027)

Thai AI Ecosystem

National AI Policy





Thank You
