

Artificial Intelligence

Current Status of AI Development under Ministry of Post and Telecommunications (MPTC)

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Introduction

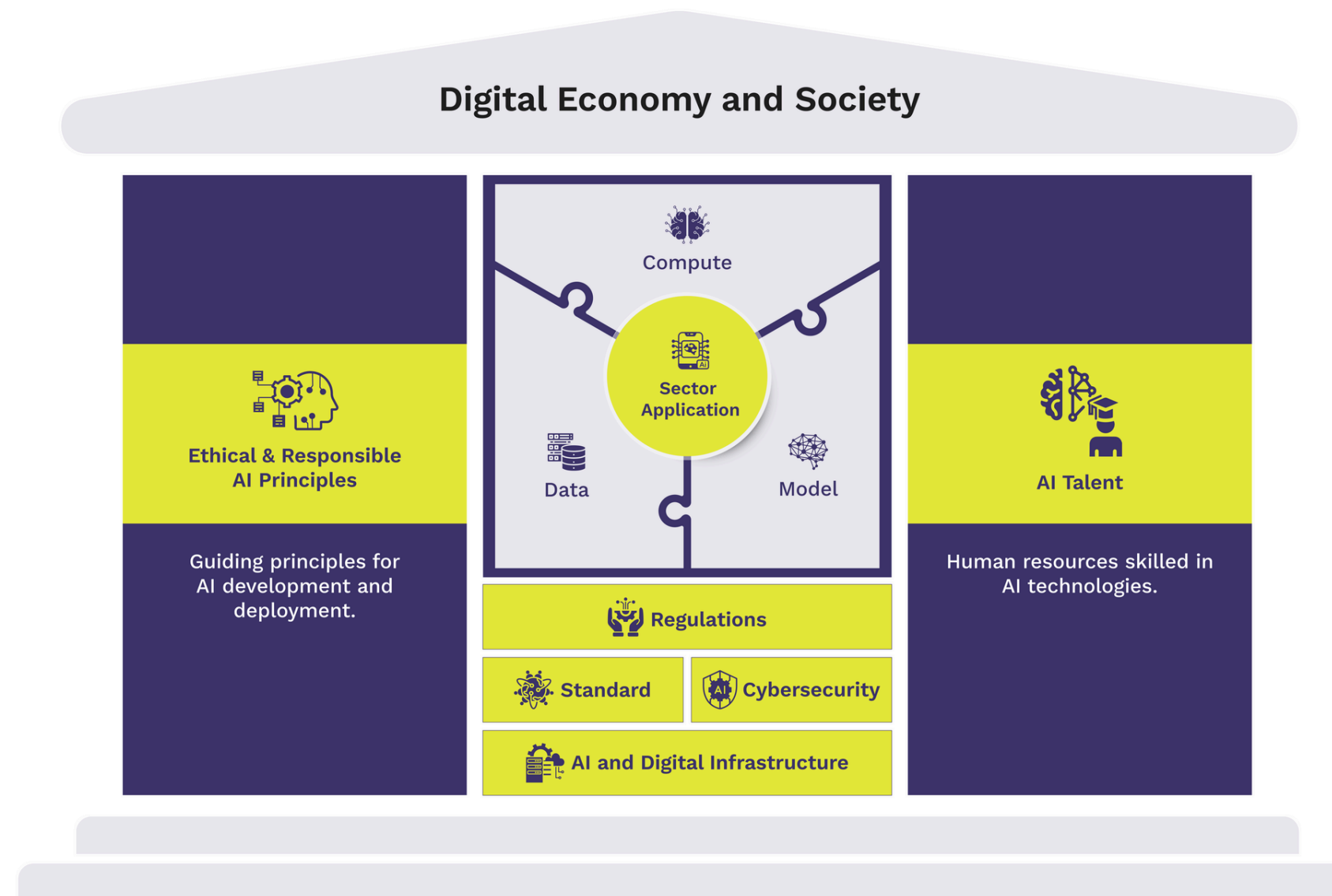
Speaking at a town hall event in San Francisco in January 2028. Google CEO predicted that:

AI is one of the most important things humanity is working on. It is more profound than, I dunno, electricity or fire,”

MPTC's view on AI

Digital Economy and Society

The overarching framework representing Cambodia's digital transformation initiatives.





MPTC's view on AI

- Not every sector needs AI, but all the targeted sectors must adopt an **eco-system-based approach**.
- AI should be the new catalyst for the growth by increasing the productivity and efficiency of the economy.



- MPTC is the leading ministry in all form of digital connectivity
- National data center (under construction)
- National AI and data science lab (under feasibility study, AFD)

- Digital security committee
- Cybersecurity department (CamCERT)
- Cybersecurity law (draft)
- Common guideline on cybersecurity (draft)
- Cybersecurity architecture (finished)
- Cybersecurity roadmap (draft)

- MPTC is the only ministry representing Cambodia under the International Telecommunication Union (a UN org responsible for the digital sector)

- Personal data protection law (draft)
- Cybersecurity law (draft)
- Digital government law (draft)
- Open data policy (draft)
- Data governance policy (draft)

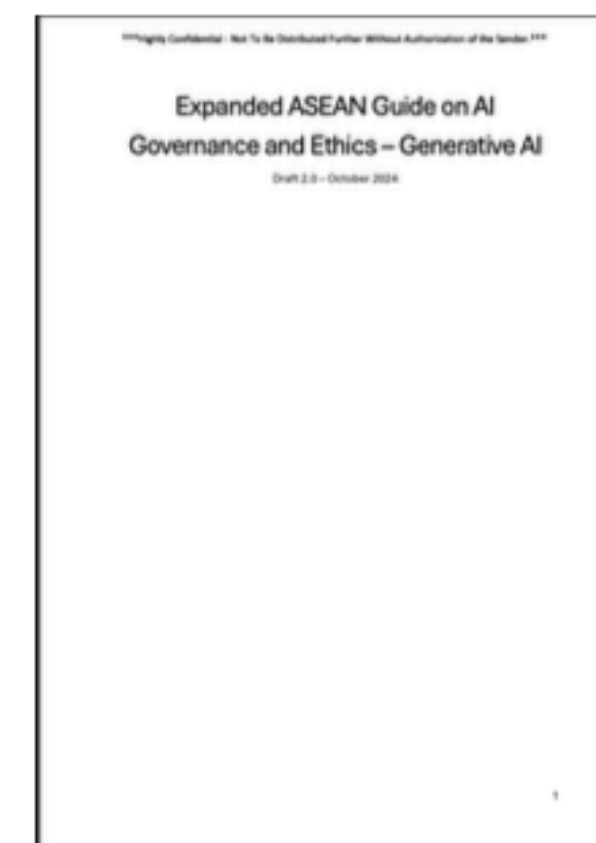
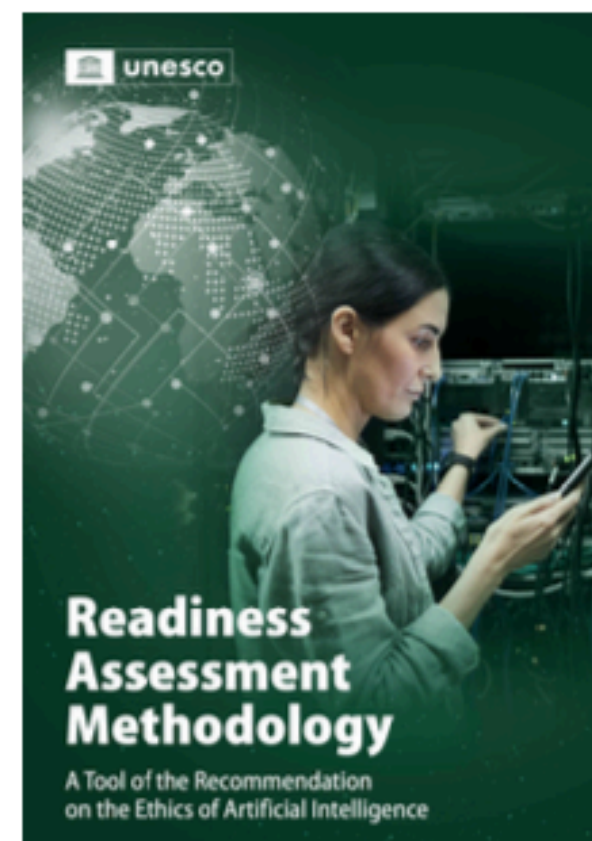
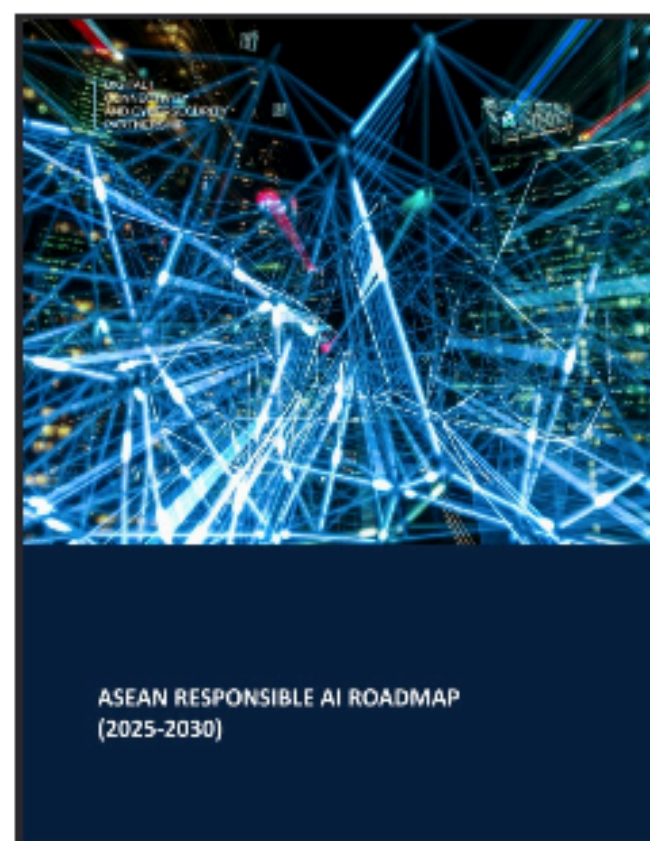
- Digital skill roadmap 2024 – 2035
- MPTC's AI technical team: 41 (7 Ph.D., 8, Ph.D. candidates, 14 Master , and 12 BSc.
- Bsc, and master's degree at CADT

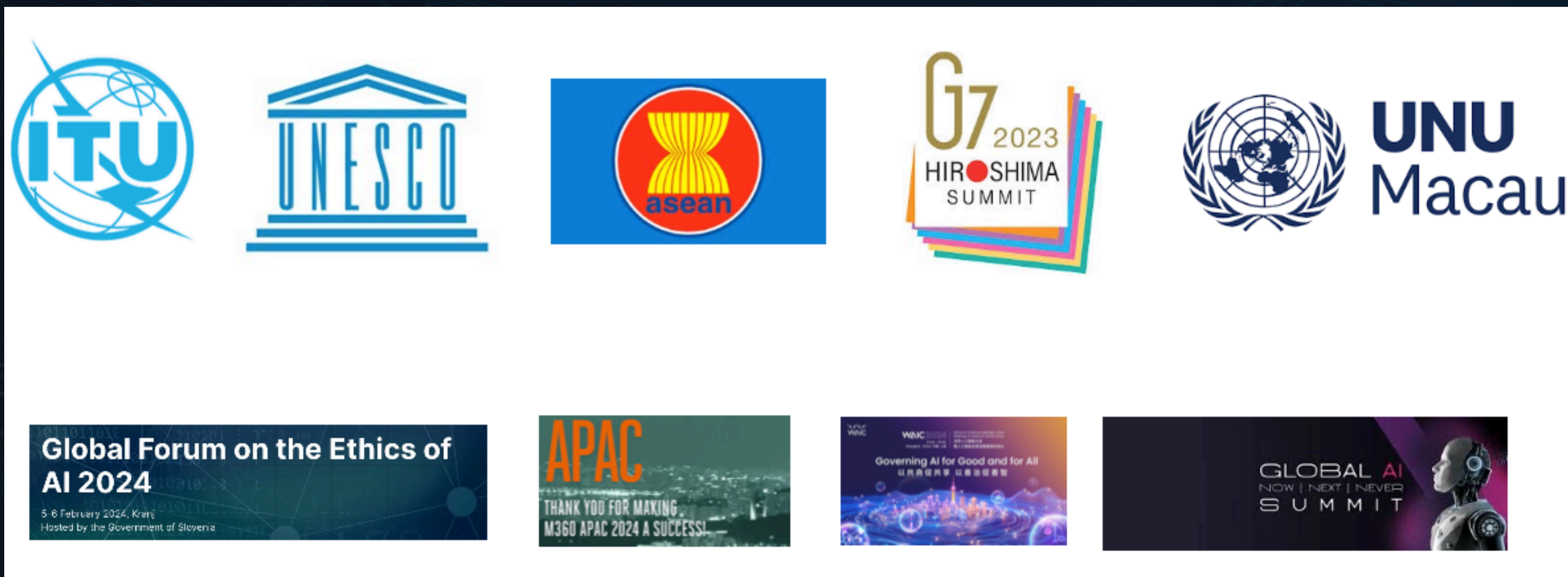
For the last 10 years, CADT has held a scientific conference focusing on Khmer NLP annually.

- ASEAN Guide on AI governance & ethics (endorsed in 2024 by ADGMin)
- Expanded Guide on AI governance & ethics – Gen AI (to be endorsed in 2025 by ADGMin)
- Responsible AI roadmap (to be endorsed in 2025 by ADGMin)
- UNESCO readiness assessment methodology (to launch on the 12th November)

- Braille translation (ITU best accessibility award)
- Sarika (<https://t.me/SarikaTTSEBot>): text to speech bot
- TranslateKH (https://t.me/TranslateKH_bot): machine translation
- Reducing antimicrobial resistance (AMR): improving microbiology analysis capacity and optimizing the use of antibiotics through machine learning (under collaboration with Calmette hospital)
- Khmer Sign Language Recognition
- Khmer plate recognition
- Khmer Fasttype
- LLM (2B tokens targeted, 500M tokens collected so far)
- Khmer Chatbot for Banking: under collaboration with ACLEDA
- ...







Get in touch!

You are welcome to get in touch with us via:

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Thank You

FOR YOUR ATTENTION

Questions?

