

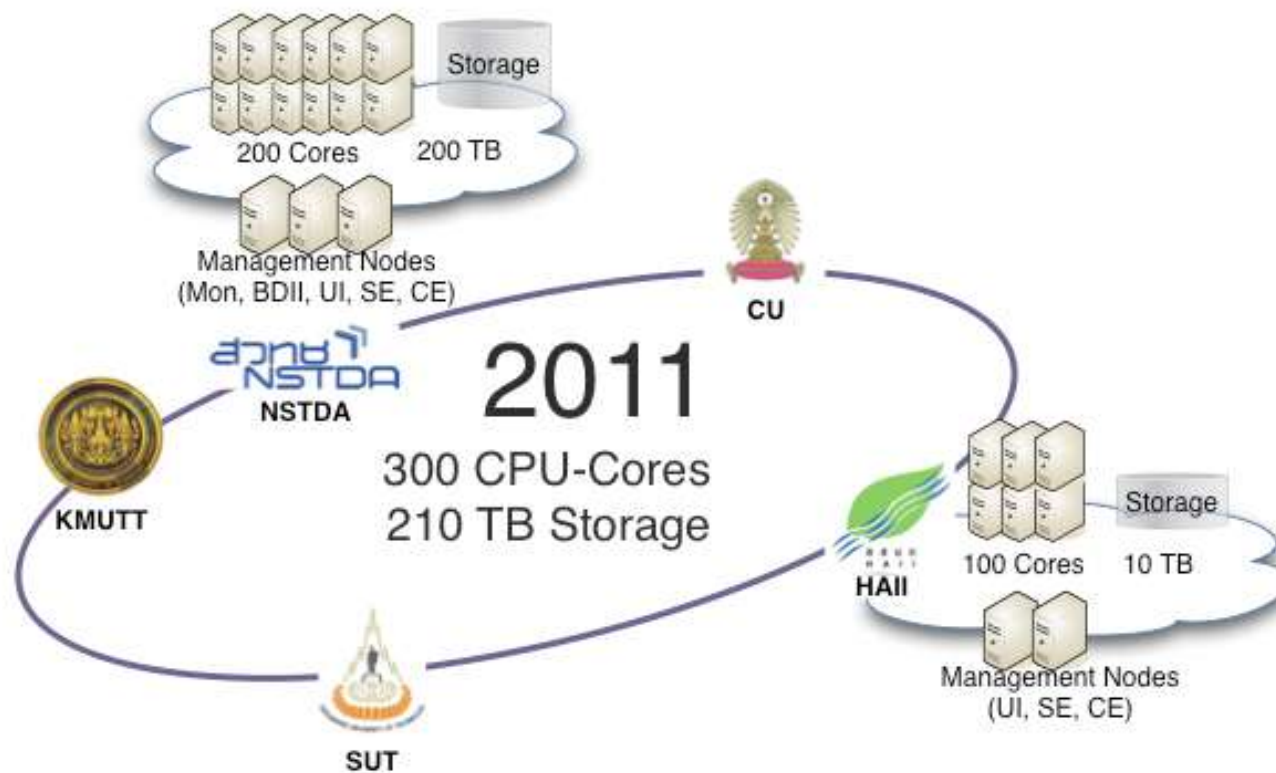
PRAGMA Panel Discussion

Sornthep Vannarat
NECTEC

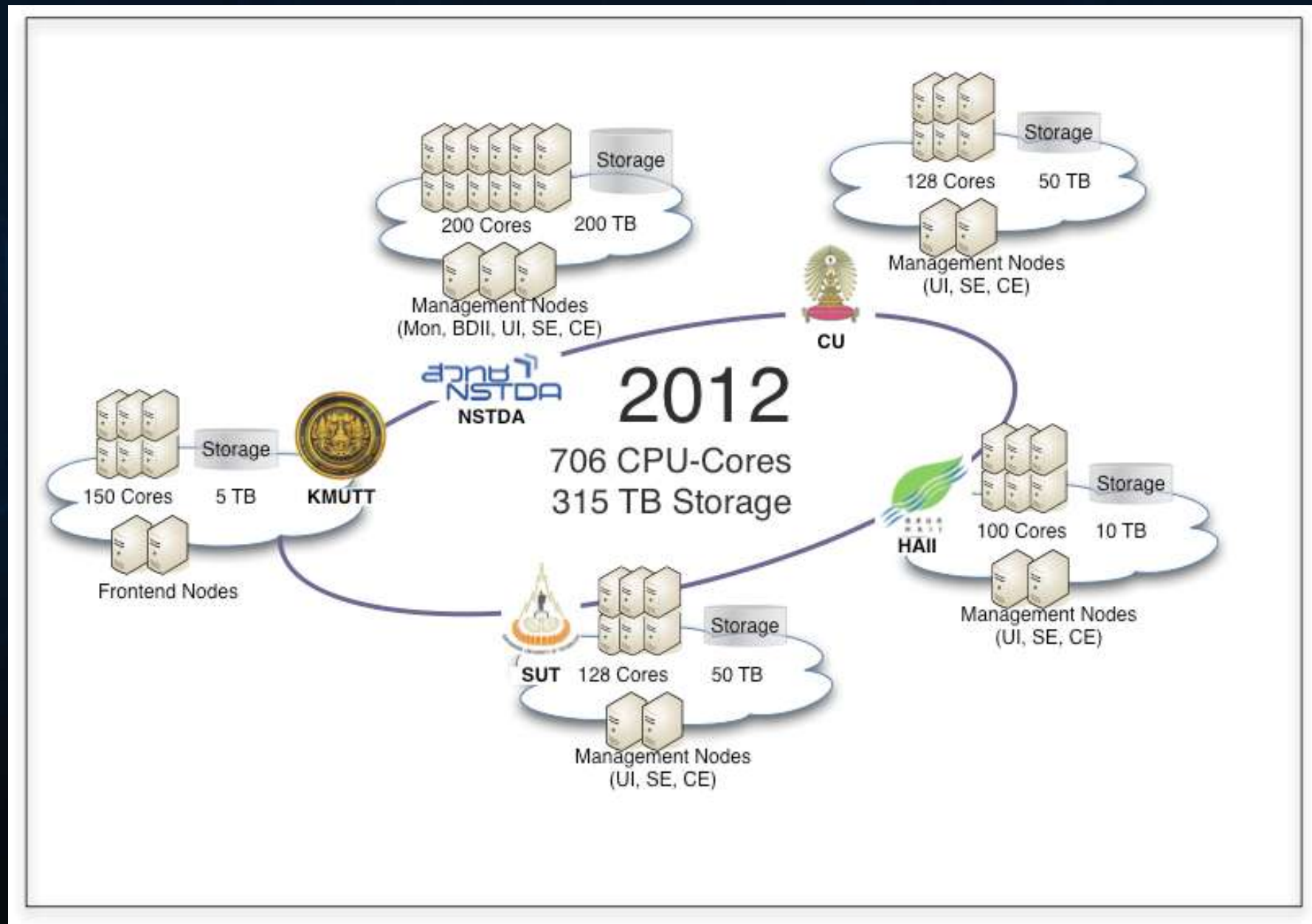
- NECTEC focuses on electronics and computer technologies for agricultural, industrial, social applications
- NECTEC's missions: R&D, HRD, TT, Infra
- Member of PRAGMA since 2002
 - Resource WG supports our computing resource setup --> computing infra
 - member of APGrid PMA --> NECTEC GOC-CA
 - Geoscience WG --> Collaboration with GEO Grid to develop Environment Informatorium (AIST)
 - Telescience WG --> Coral reef monitoring site (CREON, AIMS, SDSC, WU, NCHC)

- National e-Science Infrastructure Consortium
- Five founding members: NSTDA, HAll, CU, SUT, KMUTT
- Each uses its own funding to acquire, manage and share its resources
- Resource roadmap (based on current projection)
- More members, more research and more resources
- Challenges:
 - Mixed computing models: cluster, grid, cloud
 - Create additional value from collaboration (resource sharing)
 - Keeping high quality of service
 - Making VO concept work
- Need: resource management, provisioning, accounting tools

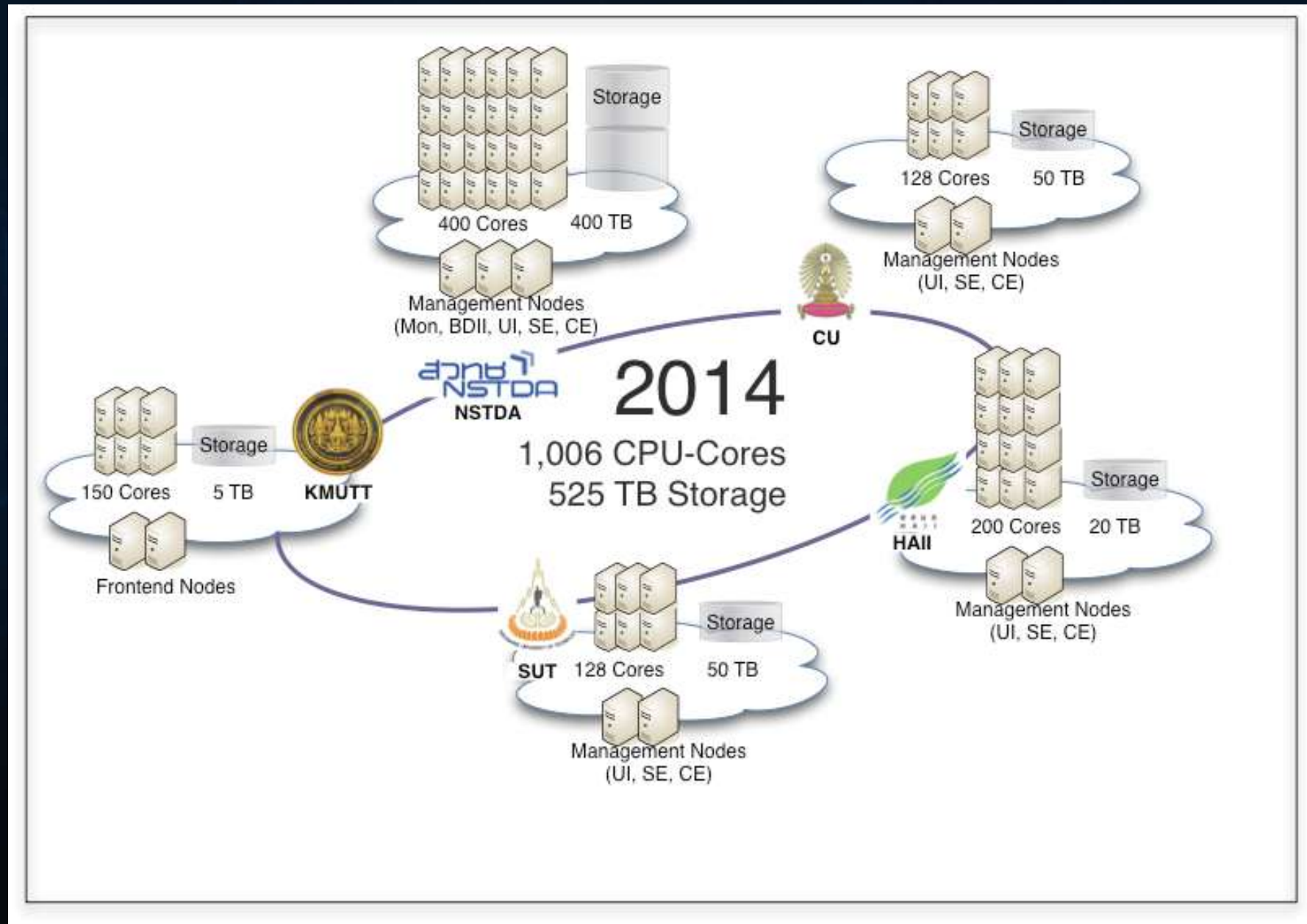
National e-Science Infrastructure Consortium: Roadmap



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National e-Science Infrastructure Consortium: Roadmap



- Geoscience working group
 - Projects by individual members
 - Interactions with other working groups
- Proposal: use social networking (FB) to increase collaborative projects
 - Extend the interaction beyond 2-day workshop by sharing R&D activities and results
 - E.g. I am doing ... using ... and getting ...
 - Encouragement may be needed
 - Email is too limited; more suitable for on-going activities