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Status and perspectives of the ICT sector

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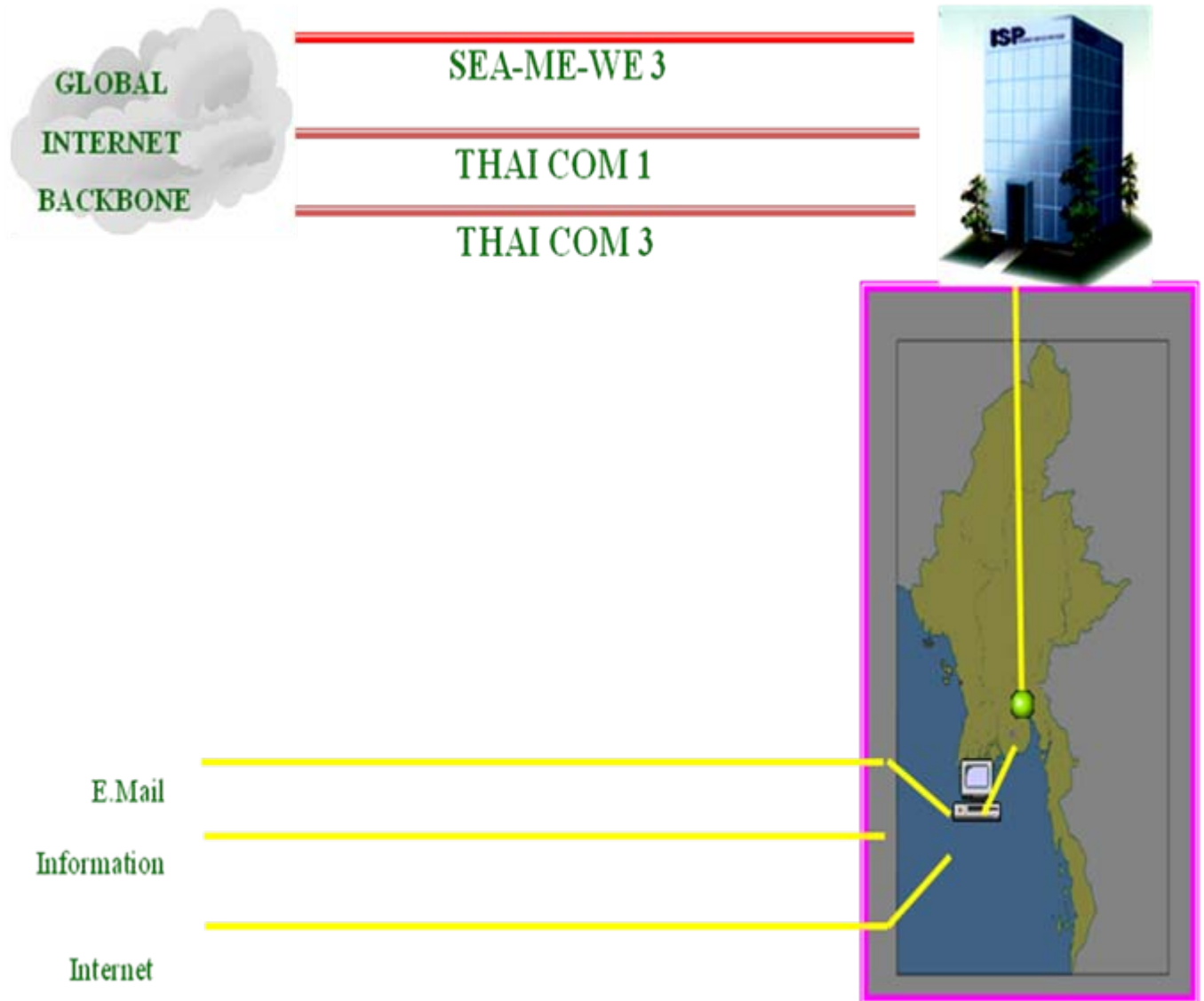


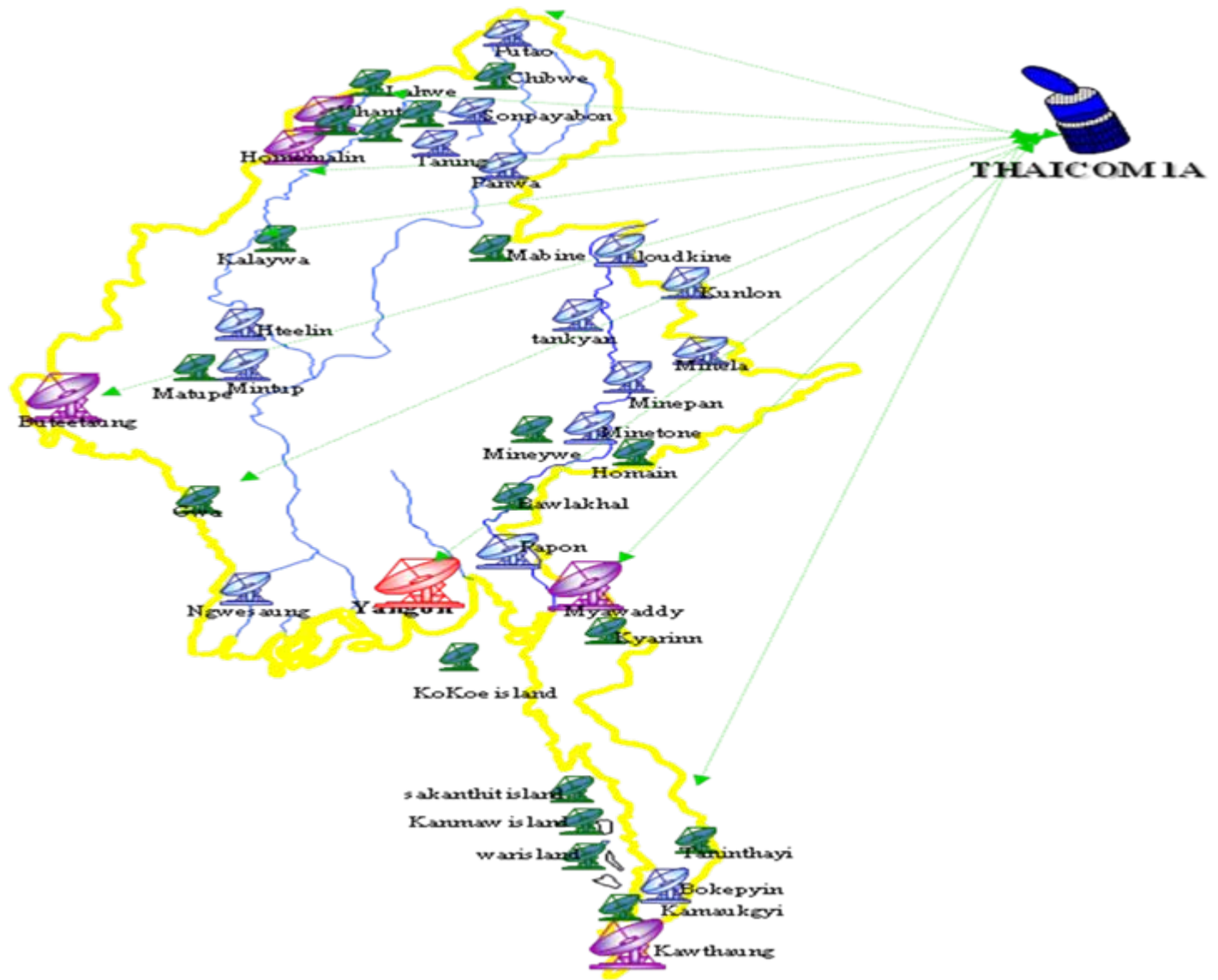


- Myanmar Computer Science Development Act was promulgated since September, 1996.
- Myanmar Computer Development Council, the highest policy making body was duly established in October 1998.

There are 56 millions population in Myanmar.

Telephone Communication	Fixed-Line
	Wireless (GSM and CDMA)
Internet Service	Two ISPs (MPT, and Bagan Cyber Tech Co.Ltd.)
Internet Backbone	submarine cable network (SE-ME-WE-3)
Internet via wired connectivity	Both copper wire and optic fiber networks
Internet via wireless connectivity	VSAT, WLL, WiMax, iPStar





The Government's ICT master plan has the following broad mission elements:

- ▶ Widespread application of IT in state management with the intention of providing better services to the public, improving efficiency and reducing costs.
  
- ▶ Widespread application of IT in business organizations to improve productivity and rendering better services.
  
- ▶ To use IT as an infrastructure for the smooth operation of socio-economic organizations by improving communication and reducing costs.

- To develop IT Industry to become one of the main economic sectors.
- Widespread application of IT to improve the educational level of the whole population.
- To use IT vehicle for business organizations penetrating into the international market.
- To develop human resources so that sufficient IT professionals are available for both IT industry and IT application.
- To create an IT intelligent society.

- **Government Organizations**
  - Ministry of Science and Technology (MOST)
    - 25 Computer universities and 26 Technological universities
  - Ministry of Telecommunication, Post and Telegraph (MPT)
  
- **Non-Government Organizations**
  - Myanmar Computer Scientists Association (**MCSA**)
  - Myanmar Computer Industries Association (**MCIA**)
  - Myanmar Computer Enthusiasts Association (**MCEA**)

## **Myanmar Posts and Telecommunications**

- Postal and telecommunication services for the general public must be under the charge of the government.
- Myanmar Posts and Telecommunications is the sole agent, under existing laws and regulations, allowed to provide postal, telegraph and telephone service.
- Private operators or economic organizations may be granted concessions for cases approved by the government.

## **To develop Information Communications Technology (ICT)**

- Private sector investments in addition to government sector investments shall be allowed.
- Manufacturing of communication equipments within the country shall be arranged.

- **Computer Science Development Law in 1986**
- **Wide Area Network Order (2002)**
- **Electronic Transaction Law in 2004**
- **Telecommunication Law (being drafted)**
- **Intellectual Property Right (being drafted)**

- **IT Application**
- **IT Education & Human Resource Development**
- **Foundation for IT industry**
- **ICT Infrastructure**
- **Legal infrastructure**
- **ICT Standardization and Liberalization**

## History

- founded as Universities' Computer Centre (UCC) since 1971.
- upgraded as Institute of Computer Science and Technology (ICST) in 1988.
- raised to University of Computer Studies, Yangon (UCSY) in 1998.

## Current status

- one of the higher institutions under the Ministry of Science and Technology.
- conduct **teaching** and **research** in various branches of computer science and technology.
- offers undergraduate, postgraduate and PhD degree as well as diploma programs in computer studies.

## Missions

- To produce more experts who have the practical ability to invent, install, experiment with, and apply computer hardware and software with a view to making Myanmar a modern and develop nation.
- To conduct research contributing to the welfare of the nation and to carry out research and development activities on Information Technology utilizing the high caliber experts.
- To foster the outstanding products of the University to become high caliber experts.
- To make the use of computer proliferate all over the country.

UCSY aims at becoming a university with computer **academic** and **research** excellence.

## Research projects

- Natural Language Translation
- UCSY e-Groupware System
- UCSY Online Library System
- UCSY Online e-Learning System (Moodle System)
- Student Card Information System
- Virtualization Technology in UCSY
- UCSY Campus Network Infrastructure

- Research
  - can expand the research areas in UCSY by cooperation and getting knowledge with SEALING project.
- Education
  - can study the ICT technologies in both Europe and ASEAN and can apply and disseminate in education areas.
- Innovation
  - can gain knowledge about the ICT policies used in other countries.

**Thank You!**