The Situation of
Laos Education and Research Network (LERNET)

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National University of Laos (NUOL)

Background of Laos Higher Education Institution
- Country : 236,800 Km2 (2.3 times to Korea R.)
- Population : 7.4 M
- 5 Universities (All are Public)
- 39 Colleges
- Few Research Institutes (All are Public)
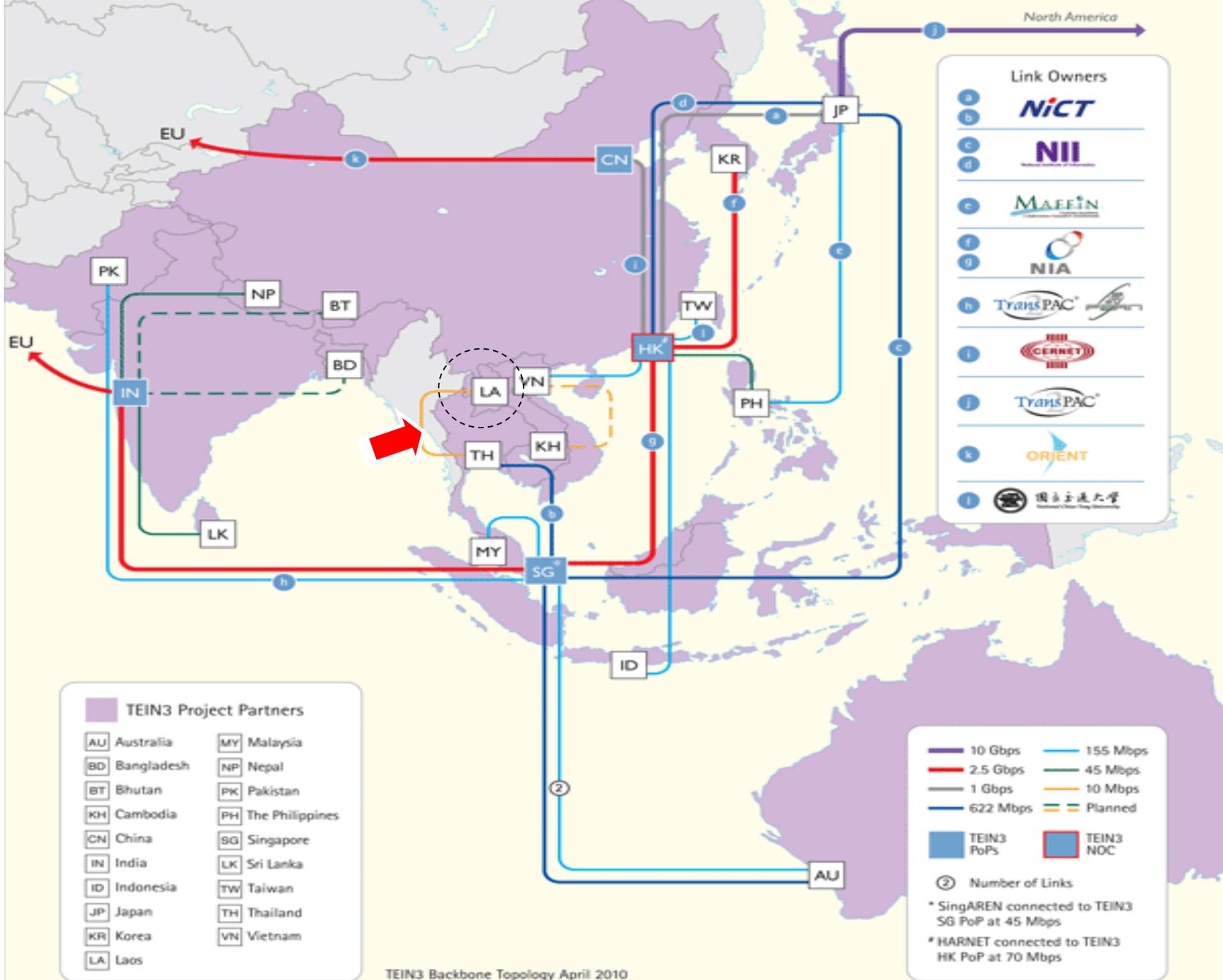
Laos University and Researach:
- Less Number of University
- Less of Research activities

Reason :   Develop less Environment

Less of Research activities

Less of Sharing resource,
- ICT penetration in Education

 - All are face to face

 - Awareness on ICT based Education is just started
- .Less of Sharing Resource and Cooperation among
 Universities
- National University of Laos (**NUOL**) is the largest one

LERNET :

- The Link among Universities is just started which belonging with a Project called Strenthening of Higher Education Project (SHEP).
- LERNET is Link to TEIN though UniNet (Thailand) with the Bandwidth of 10Mps
- NUOL IT Center is as an Initial LERNET NOC

LERNET Needs to be Improved :

- Some Physical NOC works was done with Some supports from NSRC UniNet and TEIN, but It needs to be extended in LERNET (among Campus, Insitutions, …).

- Physical Link is come up, but Application / Utility of the Link must be improved.

TEIN3 Backbone Topology April 2010

Link Owners

a — NiCT
b — NiCT
c — NII
d — NII
e — MAFFIN
f — NIA
g — NIA
h — TransPAC
i — CERNET
j — TransPAC
k — ORIENT
l — 國立交通大學

TEIN3 Project Partners

AU Australia
BD Bangladesh
BT Bhutan
KH Cambodia
CN China
IN India
ID Indonesia
JP Japan
KR Korea
LA Laos
MY Malaysia
NP Nepal
PK Pakistan
PH The Philippines
SG Singapore
LK Sri Lanka
TW Taiwan
TH Thailand
VN Vietnam

10 Gbps   155 Mbps
2.5 Gbps   45 Mbps
1 Gbps   10 Mbps
622 Mbps   Planned

TEIN3 PoPs
TEIN3 NOC

② Number of Links

* SingAREN connected to TEIN3 SG PoP at 45 Mbps

HARNET connected to TEIN3 HK PoP at 70 Mbps

Thank you !