

NEPAL:

Broadband Internet infrastructure and international connectivity: status and future plan



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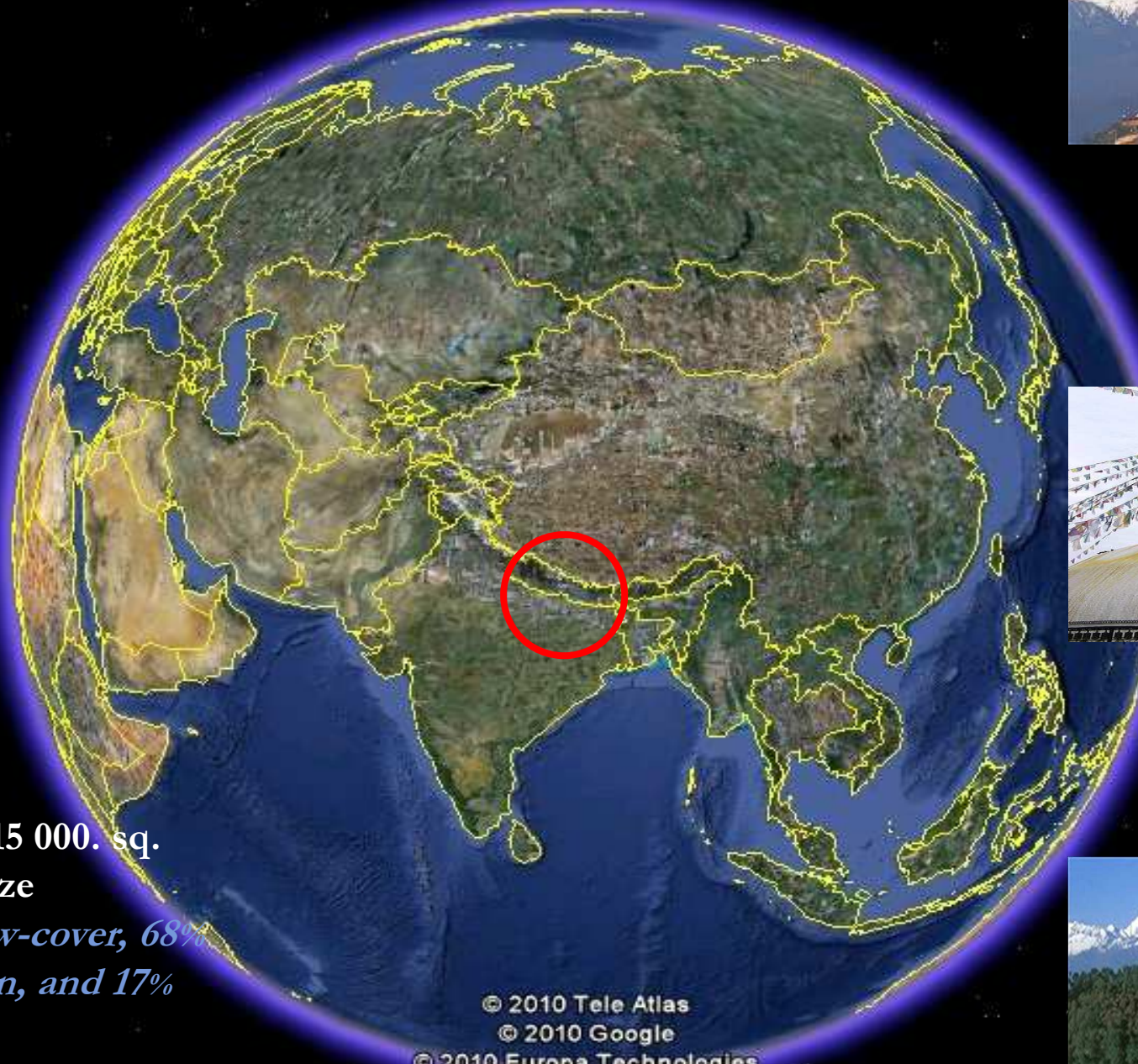
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Presentation Summary

- ◎ Nepal's ICT scenario
- ◎ Regional connectivity
- ◎ Issues and conclusion

Vital Stats:

- Around 15 000. sq. km. in size
(15% snow-cover, 68% mountain, and 17% plain)
- Popln 27.47 million



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Nepal's ICT scenario

.. Ever increasing telecom penetration..

- 92.68 %, Predominantly mobile, only 3.19 fixed
- Internet penetration: 33.15%, predominantly wireless-

(GPRS,EDGE,WCDMA CDMA 1X, EVDO , 4G WiMAX IEEE 802.16e 18 hotspots)

- Adoption of wireless broadband on the rise
- Mobile predominantly a device of choice>> fostering innovation, creating value..

Nepal's ICT scenario...

- ◎ Increasing level of eReadiness
 - > Telecom penetration >> mobile 3G
 - > Enhanced pace of ICT uptake across agencies
 - eGovernment initiative underway
 - Cloud computing/ shared infrastructure
 - Increasing volume of local content

Current Status

(Policy, legal and regulatory framework)

- IT Policy
- Electronic Transaction Act
- Nepal Telecom Act and Regulations

Some key milestones....

- Wireless broadband masterplan rolled out
 - economic and social importance of broadband and its role in improving productivity and providing information and services;
 - structure of the telecommunications market and the current regulatory framework;
 - broadband access targets and future spectrum requirements;
 - examining the case for regulatory change including amendments to the Radio Act 1957 as well as the current applicable licencing regime; and
 - key technologies, including GSM, W-CDMA, WiMAX, satellite and LTE.
 - All districts to be covered by FO backbone by 2015



https://www.yunbaogao.cn/report/index/report?reportId=5_5035

预览已结束，完整报告链接和二维码如下：



main....

etration

connectivity – room for improvement (25+Gbps)

and availability >> high IP transit costs (45-50 US\$/Mbits), 17.8%
7% monthly income in developed nations) for basic, entry level fixed

sues

censing

vestment climate

management

l spectrum management policy and planning, including road maps for transition from analog
broadcasting

terminism

ed country