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# **The Current Status Of Lao Satellite Project**

Jedtavong THEPVONGSA (Ms)  
Engineer of Radio Spectrum Management Division  
Department of Telecommunications  
Ministry of Post and Telecommunications

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# Country Profile

- Country Name: Lao People's Democratic Republic
- Land area: 236,800 sq. Km
- Population: 6,000,000
- Capital: Vientiane
- Covered by forest: 43%
- Mountainous: 70%

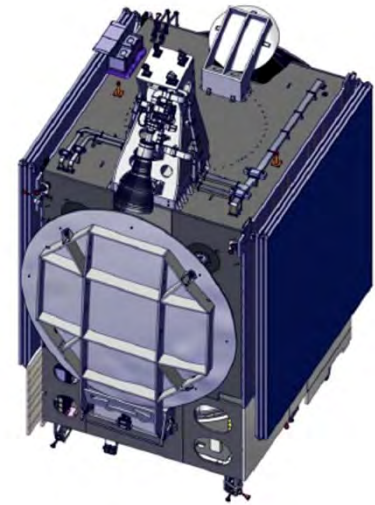


# LAOSAT-1 Introduction

- Satellite name: LAOSAT-1
- Orbit location: 128.5E
- Transponders: 14 C-band and 8 Ku-band
- Development:

Currently, LAOSAT-1 Project is developing forward smoothly according to the schedule.

- Scheduled Launch time: November 2015



# GBTS Introduction

## ■ GBTS

### ■ System:

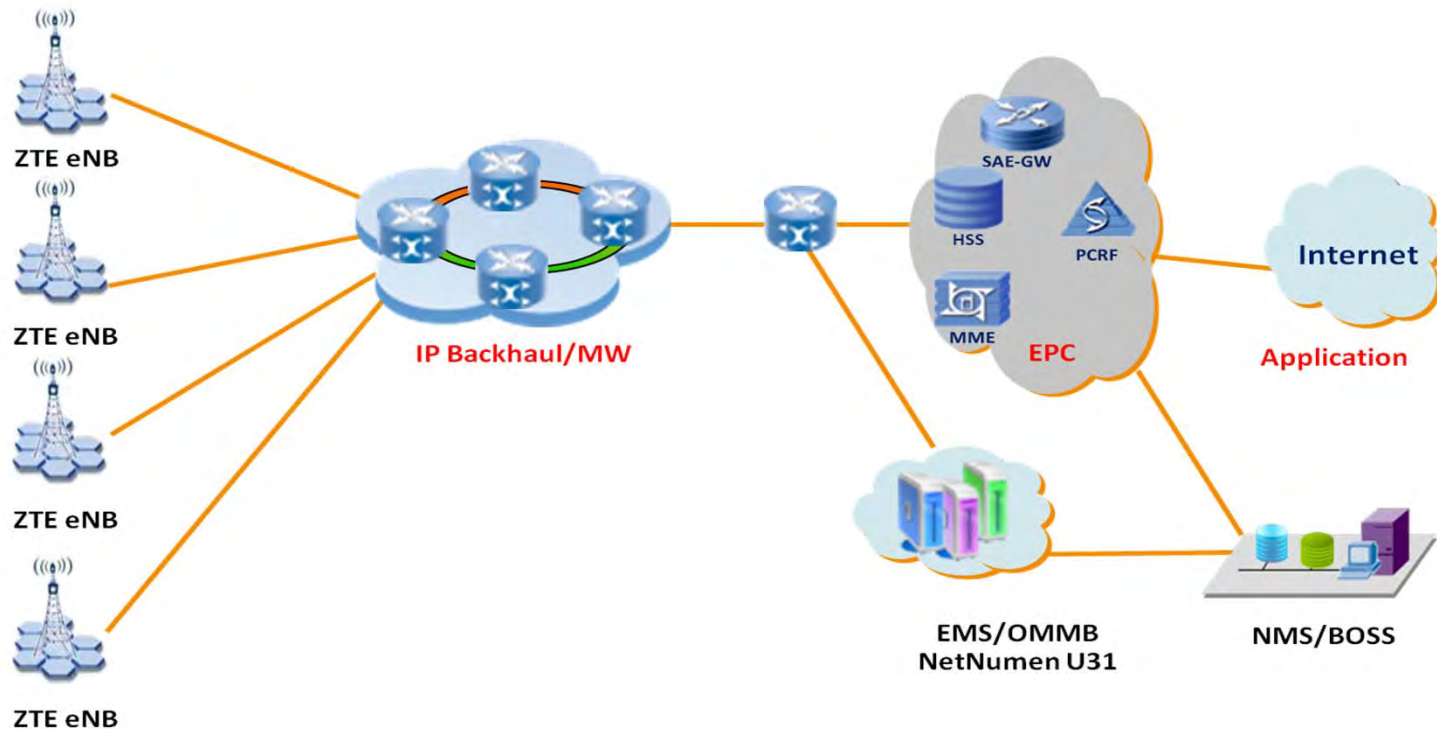
- VSAT communication network
- Emergency communication network
- International gateway station
- TV program product center
  - programs editing and programs broadcasting
- DTH TV broadcasting network
  - SDTV, HDTV, Digital audio, DVB-S system and H.264 coding method)

# WBCN Introduction

## ■ WBCN

### ■ TD-LTE Network Topology

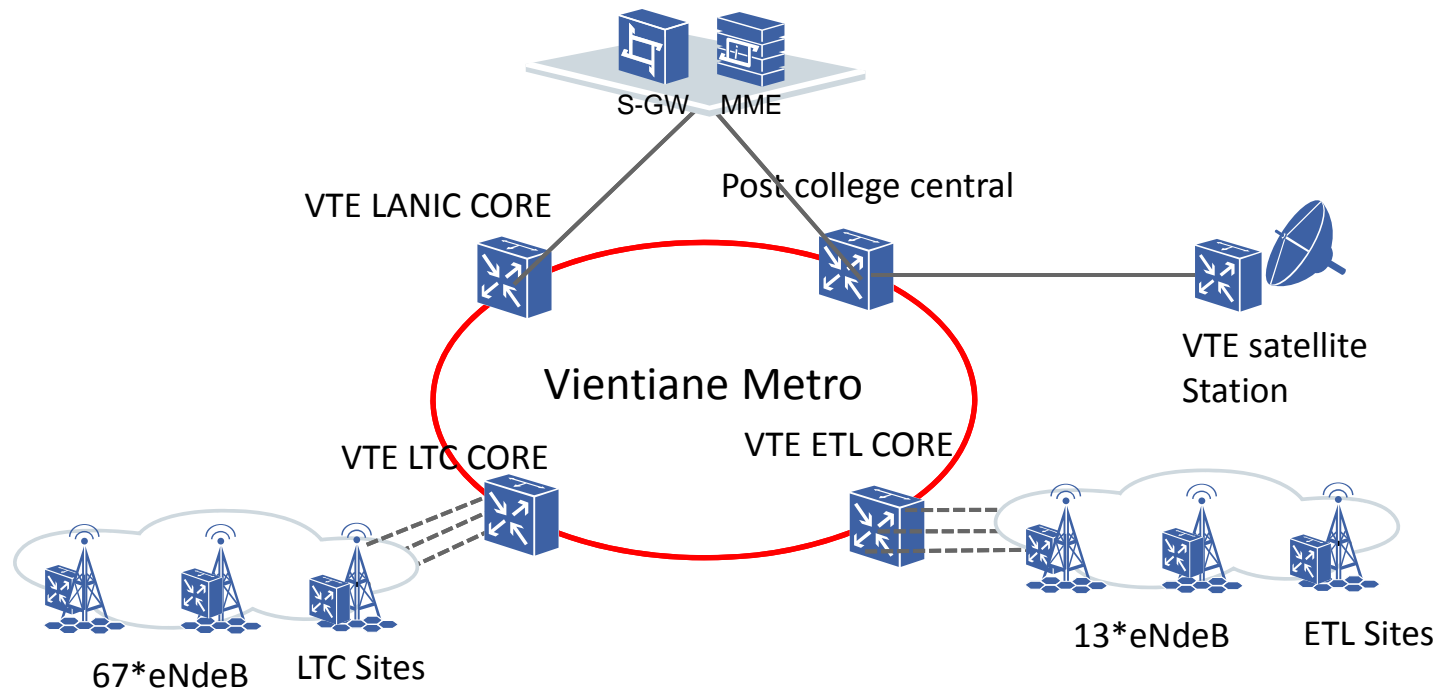
- 80 sites in total
- Access Layer + IP Backhaul + Core Layer
- Coverage for the Vientiane, Luangprabang, Savannakhet, Champasak



# WBCN Introduction (Cont.)

## ■ WBCN

### ■ Network Structure



# Conclusion

- Satellite name: LAOSAT-1
- Launch date: November of 2015
- Orbit Location: 128.5E
- Lifespan: 15 years
- Transponders: 14 Extended C-band and 8 Extended Ku-band.

E-mail: [jedta@yahoo.com](mailto:jedta@yahoo.com)



**Thank you!**