2nd Indo-European Dialogue on
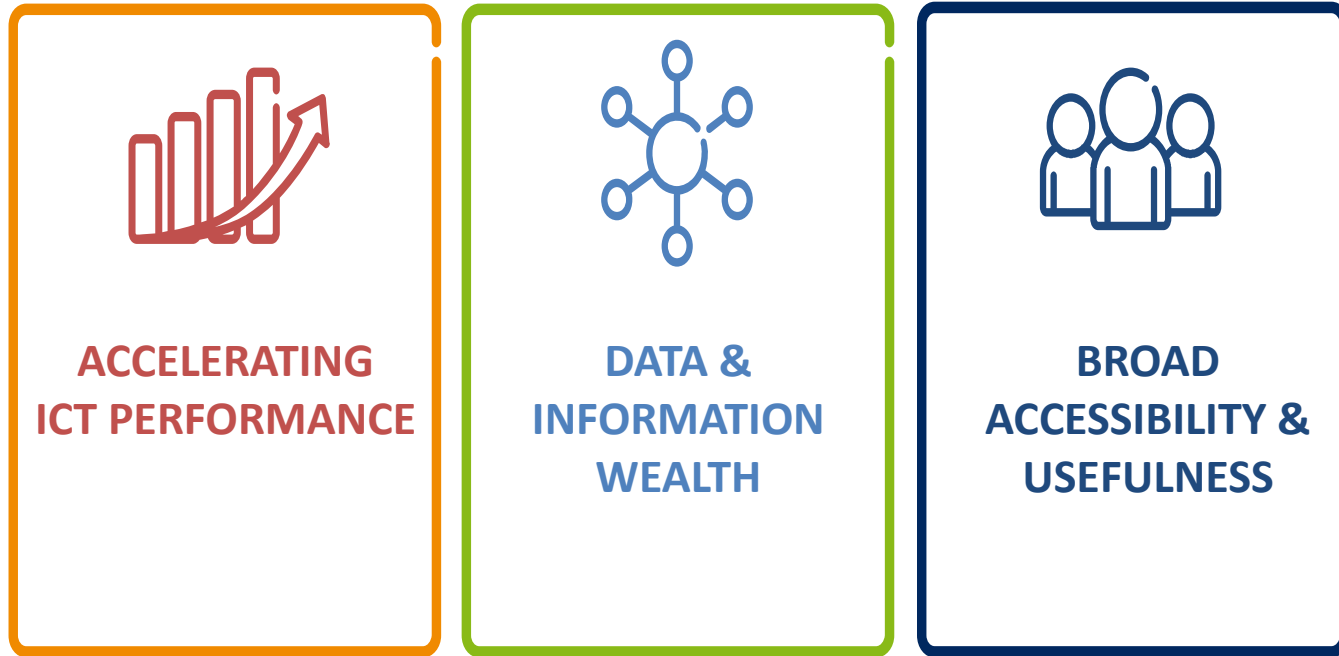**ICT Standards &**
Emerging Technologies
4th November 2015 • Shangri-La's - Eros Hotel, New Delhi, INDIA

ETSI
World Class Standards

IN THE FRAMEWORK OF
Project
SESEI
http://eustandards.in/

NFV & SDN in INDIA

Presented by Sudarshan Sengupta

ERICSSON

Innovation all around

SMART
MATERIALS

**ACCELERATING
ICT PERFORMANCE**

**DATA &
INFORMATION
WEALTH**

**BROAD
ACCESSIBILITY &
USEFULNESS**

SMART
ENERGY

ANALYTICS

ROBOTICS

BIG DATA

CROWD

INDUSTRIAL
BIO-TECHNOLOGY

INTERNET
OF THINGS

VIRTUALIZATION & CLOUD

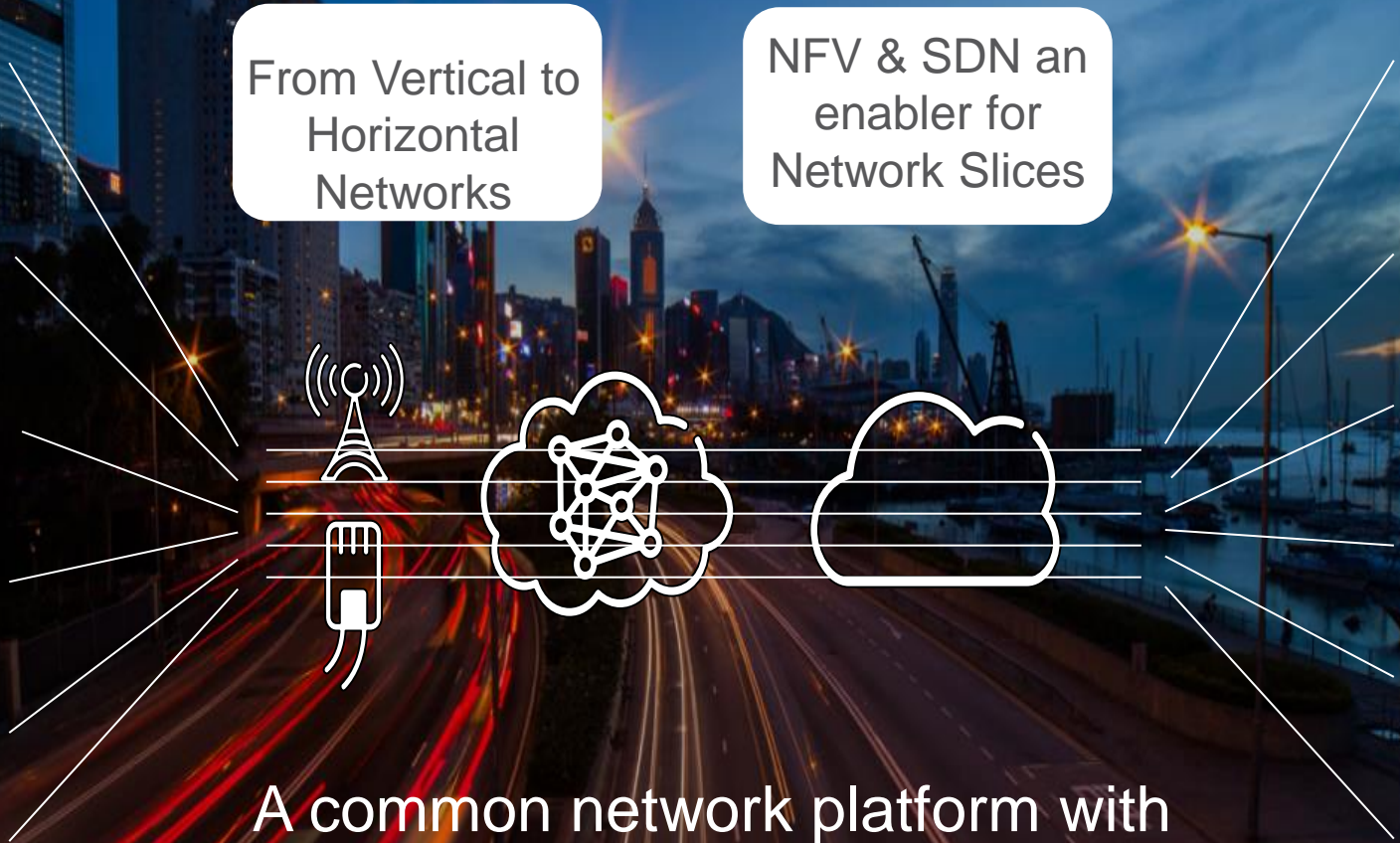NANO

3D PRINTING

SENSORS

AUGMENTED
BODY

WEARABLES

VISUALIZATION

One network – multiple industries
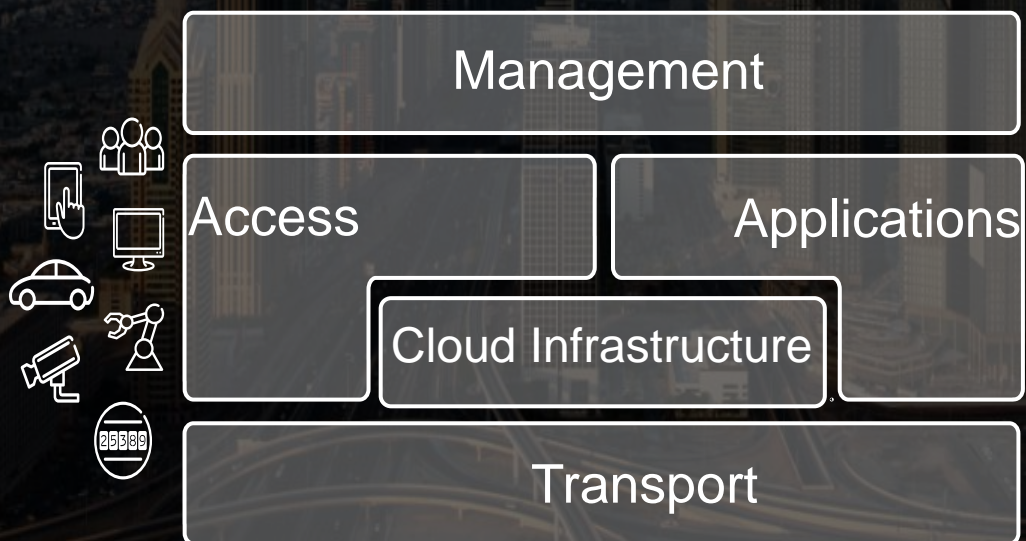
From Vertical to Horizontal Networks

NFV & SDN an enabler for Network Slices

A common network platform with Dynamic and Secure Network Slices
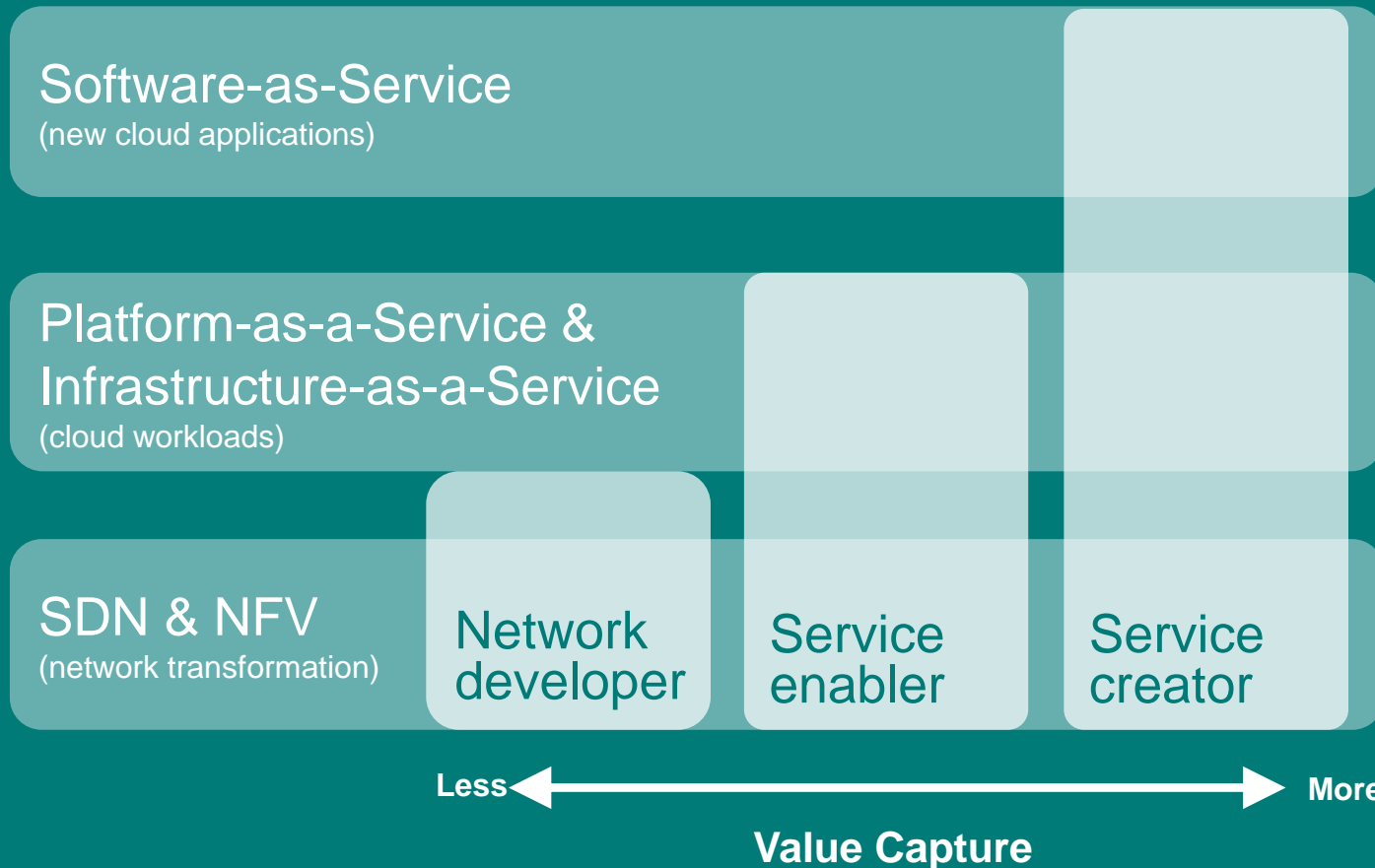
Network evolution

Management

Access

Applications

Cloud Infrastructure

Transport

Sustainable

Secure

Service Provider re-think

cloud impact

Software-as-Service
(new cloud applications)

**Platform-as-a-Service &
Infrastructure-as-a-Service**
(cloud workloads)

SDN & NFV
(network transformation)

Network developer

Service enabler

Service creator

Less ← → More

Value Capture

SDN NFV Activities

- PoCs and Trials Starting

- Specific Use cases (such as IoT) driven NFV deployments to gain traction

- Newer Network functions may seen faster NFV adoption

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SDN NFV Challenges

- Business Motivation for NFV

- Migration from existing Network

- New Service Offerings

- Impact on Capex / Opex / Integration

- Regulatory Clarity

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Ericsson OPNFV Engagements

- Driving Frameworks & Projects

- Hosting HW Labs

- Driving upstream activities for coming releases

- Close Cooperation: OpenStack & OpenDaylight

- Community Training, demonstrations