



TELECOMS DIGITAL STRATEGY FORUM

HOLIDAY INN, Suva, FIJI
15-17 October 2018

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Start & Scheduled Breaks

Registration: 0830

Day Start: 09.00am

Tea Breaks: 10.30-11.00am + 15.00-15.30pm

Lunch Break: 12.30-14.00pm

Day End: 5.00pm

Evening Function: 6.00pm-8.00pm

Tentative Agenda v3

Day 1: Monday 15 October 2018

1. The new millennium: the next immediate future for communications, implying Telecom Digital Strategic Targets and Goals, SDGs with Sector Case Studies and Industry Evolutions;

Key market sectors are now strategizing on enabling ICT and digital capabilities to their services and activities; this session is to hear from int'l agencies and key industry players on the drivers, trends and re-visioning for their digital transformations and strategies towards achieving new such capabilities, targets, and how these could be better understood for new opportunities and partnerships by Telecoms sector; case studies and trends with digital frameworks for Telecoms

This session will consist of the Opening and Keynotes Addresses

- PITA President
- UNDP
- Chief Guest
- Regional Director for Asia and the Pacific office ITU

Group Photo



Breakfast Break

2. Report on E-Application Strategies from last workshops, emerging digital platforms, developments and roadmaps

This session is to provide a review of the e-applications strategy report developed from earlier workshops, and to build on this for strategy roadmaps, brainstorm on new developments and digital technologies such as 5G, IoTs, Block-Chain and Internet, to help achieve targets and contribute to the SDGs.

a. Strategy roadmaps, and growing aspects of Block Chain by Ashish Narayan, ITU

b. The IoT ecosystems, dimensioning & planning, 4G to 5G networks and standards releases & IP core/backbone architecture; by Dr Sami Tabanne

c. Modern interconnects in the Internet Ecosystem, by Dr Philip Smith

Historically, Internet access provision around the globe has been to connect the end-user with content centralised in North America and in Europe. But with the wide-spread use of CDNs today, network operators focus is on content cache hosting, driven by low latency and high quality demands from the content providers. This presentation looks at the value interconnection and collaboration by network operators brings to end-users.

Lunch break

3. Workshop on Bridging Sustainable Digital Strategy Gaps

This session aims to raise awareness on key gaps across sectors that ICT and Digital strategy to bridge such gaps using ICT and technology platforms.

This session will consist of presentations, discussions and reports

- The Digital Economy and Financial Inclusion

- Leveraging on the digital technology for the digital economy in the Pacific Islands by Krishnan Karasimhan, Pacific Financial Inclusions Program (PFIP)

Digital technology is transforming the business world and national economies at an astonishing rate. This is creating immense opportunities for businesses who are quick to adopt digital innovations, but it's also causing industry disruption and creating challenges for businesses that are slow to react. This is highly relevant for the tele-communication sector who are usually the pioneers and early adopters of digital technology and need to stay updated on such innovations to maintain peak relevance. The presentation will offer the Pacific telecommunication providers (participants) and others a high level insight on how digital technology can be leveraged to offer innovative financial services that not only will create a viable business case for the company but it will also have an actionable impact on the real economy.



- **Regional Banking Operator**

Innovations for financial inclusions, market information, technology case studies and roles of Telecoms.

- **E-Gov and Government Digital Transformation Case Study**

- **Ultra-band implementation – Fiji case study by Prit Chand, Telecom Fiji Ltd**

Design and strategy considerations for deploying FTTH, this presentation will introduce the market drivers, and discuss strategies / design for deploying Fibre to the home, guidelines, readiness, services and new customer experiences.

Afternoon tea break

4. Conference Session; Emerging next-gen technologies to impact telecoms in the next 5-10years, Re-imagining Telecom Commercial Drivers and collaboration, Regulatory and Policy enablers, Technical and Business Transformations;

Technology and Commercial Session for ICT, Digital strategies, frameworks and transformation in the telecom and ICT sector, considering the gaps highlighted in session 3.1 and global trends

This session will consist of presentations by Industry players/experts

- a. **Open Digital Architecture, Digital Customer Channels & Network Virtualisation by DGIT Systems**

Introduce the API driven open digital architecture as an industry digital transformation framework, will discuss Digital customer channels, network function Virtualisation, requirements to exploit 5G opportunity, expanding role of catalogs, Open REST API as enabler and will include a live demo

- b. **Strategies for Network Performance Enforcements and impacts on customer Quality of Experience QoE – by Saisei Networks**

Insights into the latest technologies and techniques for network visibility, availability, throughput and QoE, and how network traffic visibility can impact positively on capacity planning, requirements and proactive customer support

- c. **Cloud and IoT strategies, digital workplace and business model re-thinking – by TELSTRA**

Case studies, business cases and experiences into cloud and IoT implementations by Telstra, and the re-thinking of the business model to digital work place to support and enable such transformations

- d. **IMS technologies for evolving network – by REDCOM Laboratories**

IP multi-media subsystems, the problem it solves, the architecture, and deployment

End of Day 1



Welcome reception & Social networking function

Day 2: Tuesday 16 October 2018

Cont'd Session 4: Technology and Industry Presentation and case studies

e. Carrier Mobile Services transformations – by China Mobile

The one belt one road initiative, expansion and transformation for Oceania carriers

f. Cellular IoT Performance and strategies – by SIGOS

QoS strategies for IoT networks, the influence of access technologies, radio conditions, payload and transport protocols on IoT performance.

g. SMART Subsea Cable System: Scientific Monitoring and Reliable Telecommunications for Climate Monitoring and Disaster Mitigations, by Bruce Howe, ITU/WMO/UNESCO-IOC Joint Task Force for SMART Subsea Cable Systems

Deploying environmental sensors in future submarine cable sensors will provide data to mitigate risks from climate change, sea level rise and tsunamis. The Pacific Islands can lead the world in taking the first steps in bringing this concept to fruition

h. Country Case Presentation

Breakfast Break

5. Panel on revised Telecom Visions, Missions and KEY Strategic Areas for next 5-10 Years

Panel session by CEOs, Leaders, and industry experts on how Telecoms could approach the next 5-10 years

a. CEOs/Industry

Lunch Break

6. Development Update and Plans – Connectivity, Regional Interconnection & Enabling Digital Applications

Updates on specific technologies and strategy; for connectivity and regional interconnections, sharing, and discussions towards the topic of regional roaming, and aggregation



b. Next Generation Satellite Broadband to support digital transformation & digital services, application – by Kacific Satellite Broadband

Presentation in addressing access to digital content and applications and high-speed internet, and strategies for service providers on infrastructures and ROI for demands in rural and remote areas

c. Beyond Connectivity - by Shivneet Nair, SPTTEL

With the growing connectivity and fiber speeds now being made available to the islands, what strategies are important for the island Telco's to consider, highlighting the insights of the modern networks, services and applications, and the necessary transformations needed on the local Transport and last mile Access Networks to deliver the High-Speed Broadband to the end User.

d. Regional Cloud Strategy by Nokia

- Transformation from Communications Service Provider (CSP) to Digital Service Provider (DSP)
- Cloud use cases for Telco (CSP/DSP)
- Operational transformation & Business transformation

Digital evolution is more like a revolution, and happening right now. Every business is on the way to becoming a digital business. Cloud is the foundation for this business transformation from CSPs to DSPs and what are the investment strategies for end-to-end cloud-based systems to support the new opportunities, and take full advantage of the fast-developing digitization trend. Integrating the cloud across their entire business and operations is critical for CSPs. Simply bolting on selected cloud components will not deliver the high flexibility and low costs needed to meet the key business needs of the growing fixed and mobile broadband market, as well as the evolving Internet of Things (IoT) market, and to implement 5G and other next generation networks.

e. SDN strategy considerations with future high demand for broadband - by REDCOM

Software Defined Networks (SDN) capabilities to maximise on capacity of broadband infrastructure; key concepts, technologies, practical applications, and investment strategies.

f. Shared QoS for regional roaming strategy – by SIGOS

Achieving a high degree of QoS for roaming by all PITA members

7. Summary

Rapporteur

8. Closing

Afternoon Tea break – followed by bilateral Break

Bilateral Break

Evening social TBC



Day 3-5: Wednesday – Friday 16-19 October 2018

Breakout 1: CEO Forum and workshop: 1030am-1230pm + 1400-1500pm Weds only

Breakout 2: ITU CoE Workshop Training - Traffic Engineering & Optimisation + Advanced Wireless Networks Planning 3 days refer Syllabus for more info