



GSMA
APAC 5G EEC
MEMBER PROPOSAL



INTRODUCTION

GSMA 5G Emerging Economies Community (5G EEC) is an exclusive community of like-minded operators, technology partners and application service providers in emerging markets who are determined to embark on 5G journey in a cost effective manner with relevant country / region specific use cases and with an overall aim to resolve common issues due to common variables thus accelerating 5G ecosystem.

Adopting and implementing successful 5G network would need collaboration from relevant stakeholders to garner investments, release spectrum, overhaul policies, strike partnerships, develop digital skills, create demand and nurture an innovation ecosystem which this community will strive to achieve.

For emerging economies, inadequate 4G coverage, device affordability, digital skills development, and factors hindering private sector investment are also some of the critical focus areas.

MEMBERS

- MNOs planning to maximize 4G investment and are interested to create a value oriented 5G transition strategy
- Technology partners enabling cost effective deployments, use cases & providing chipset/devices support
- Application service providers keen to introduce new revenue streams and use cases.

A man wearing a VR headset is the central focus of the top half of the page. He is wearing a blue and green plaid shirt and has a slight smile. The background is a light gray with white and blue digital overlays, including circular patterns and lines, suggesting a virtual reality environment. A large, dark red diamond shape is overlaid on the bottom left of the image, containing the word "OBJECTIVES" in white capital letters.

OBJECTIVES

5G EEC aims to collaborate with key stakeholders and nurture the innovation ecosystem for acceleration of 5G ecosystem with an aim to:

- Maximize current 4G investments and ensure smooth transition to 5G.
- Provide strong business justification for 5G.
- Apply best practices related to policy, network and use cases.
- Create an innovator-friendly environment with MNOs and technology partners for the development and promotion of region-specific use cases.



VALUE PROPOSITION

5G EEC members can avail following benefits:

- ✓ Development of relevant use cases for SEA region and derive new business models to justify 5G investments.
- ✓ Access to latest 5G industry information and support through GSMAi, TG, PG and SG groups.
- ✓ Knowledge sharing in terms of key challenges & best practices from markets which have already launched 5G
- ✓ Community platform for domestic/regional ecosystem networking and collaboration
- ✓ Opportunity to showcase emerging market use cases at global as well as regional events like MWCs and M360s

KEY FOCUS AREAS

This community will strive to work on following streams.



1. Business Drivers

- ✓ Why is transition to 5G virtualized networks needed when there is enough juice left in 4G LTE?
- ✓ Commercial case for 5G and new revenue streams
- ✓ Need for relevant and market-specific 5G use cases
- ✓ Business models in 5G arena - Consumer / Enterprise
- ✓ Key challenges before embarking on 5G journey.

2. Policy & Regulation

- ✓ Re-defining the spectrum management framework - Spectrum Harmonization / Spectrum pricing
- ✓ Streamlining Right of Way (RoW) and accelerating 'fiberization' last mile connectivity
- ✓ Supply chain
- ✓ Taxation policies
- ✓ Easy access to sites and antenna





KEY Focus Areas

3. Technology Workstream

- ✓ 5G Building Blocks
 - ✓ Critical aspects of 5G
 - ✓ 3GPP standards
 - ✓ NFV & SDN
 - ✓ Edge computing
- ✓ Network Slicing
 - ✓ Capacity-based slicing
 - ✓ Service-specific slicing
 - ✓ Application-driving slicing
- ✓ Open RAN - Supply chain
- ✓ Unique security challenges of 5G
- ✓ Maximizing 4G and exploring future of LTE
- ✓ 5G network deployment approach - Non-Standalone(NSA) and Standalone(SA)
- ✓ EMF concerns
- ✓ Site engineering for remote / low density areas
- ✓ Offgrid generator battery - Solar
- ✓ Network costs and potential savings
- ✓ Devices / chipset ecosystem roadmap



5G EEC

5G EEC members can share their vision, roadmap and other 5G related developments through the following online and offline events:



ACTIVITY PLAN 2020

- 5G EEC CXO Roundtable, May 2020- Online
- 5G EEC Community Forum, July 2020 - Online
- Mobile 360 Digital Societies, Oct 2020 - Kuala Lumpur
 - Priority access to 5G seminars and workshops as attendees and/or speakers
 - On-site 5G service demonstration opportunities
 - Tour of and meetings with North Asian MNOs, mobile ecosystem players with networking and business partnering opportunities related to 5G



GSMA APAC 5G Emerging Economies Community Membership Form

GSMA 5G Emerging Economies Community (5G EEC) is an exclusive community of operators, technology partners and application service providers in emerging markets who determined to embark on 5G journey in a cost-effective manner with relevant country and region-specific use cases, and resolving common issues due to common variables. This community will collaborate with various stakeholders to garner investments, release spectrum, overhaul policies, strike partnerships, develop digital skills, create demand, and nurture the innovation ecosystem for implementation of 5G networks and services. It will also address issues like inadequate 4G coverage, device affordability, and factors hindering private sector investment for 5G adoption in emerging markets.

To become a member, please take a moment to fill out this form. Please provide contact information of the representative from your company for this Forum. Member representatives must be key decision makers in your company (CXO or CXO - 1 level) and policy makers in governments.

Name

Title

Company Name

Company Address

City

Country

Postal Code

Phone

Email

Signature

Date