



S. ASEAN International Advocacy & Consultancy

Industry Summit, Promoting Digital Indonesia

Socio-economic Benefits of the Digital Transition and Key challenges

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Industry Summit

Promoting Digital Indonesia

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**Socio-economic benefits of the
digital transition and the digital
economy**





Spectrum needs across three ranges

Coverage

Great Mix

Capacity
Lower Latency
Backhaul

Sub-1 GHz

1-6 GHz

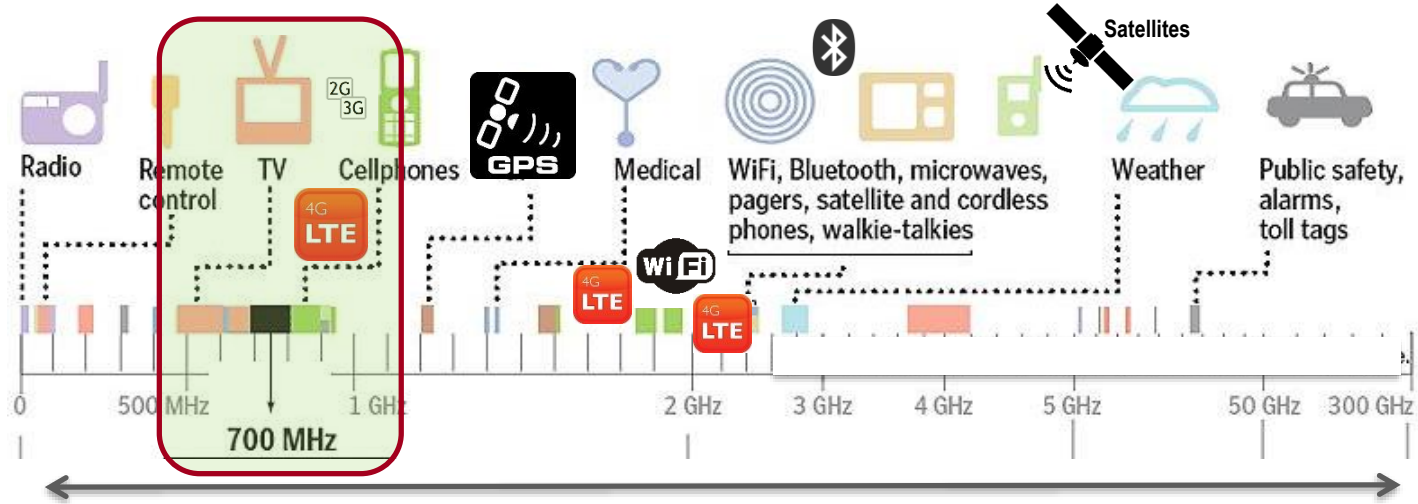
AND ABOVE

6 GHz





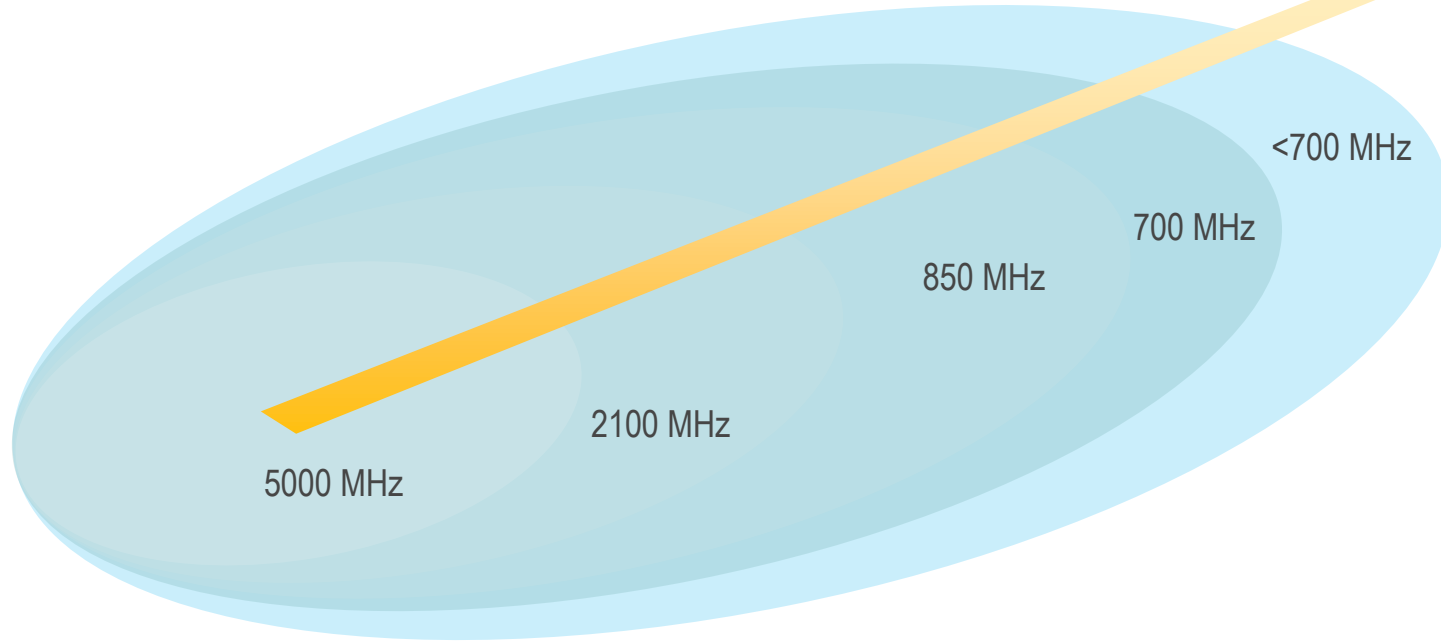
Need for spectrum growing across many industries





Why 700 MHz matters

Cell coverage/radius



Sub-1 GHz spectrum is the key to widespread, high quality, affordable mobile broadband services





Four key takeaways

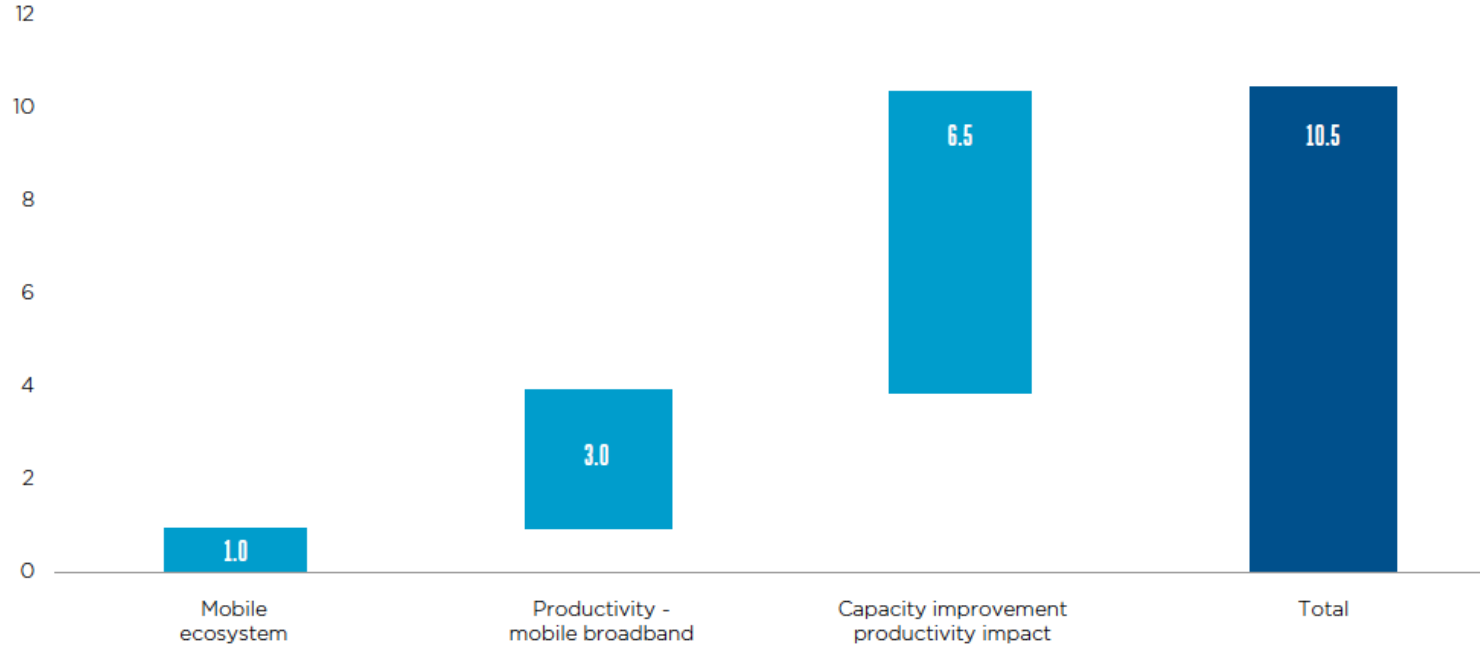


- Avoid delays in the allocation of spectrum
- Ensure the full allocation of 700 MHz to mobile broadband
- Support streamlined planning and administrative processes
- Implement spectrum management framework that supports ever growing data demands beyond 2020

<https://www.gsma.com/spectrum/wp-content/uploads/2020/02/Indonesia-Digital-Dividend.pdf>



Releasing 700 MHz comes with big rewards



More than \$10.5 billion (IDR145.3 trillion) in additional economic benefits



Digital dividend in ASEAN

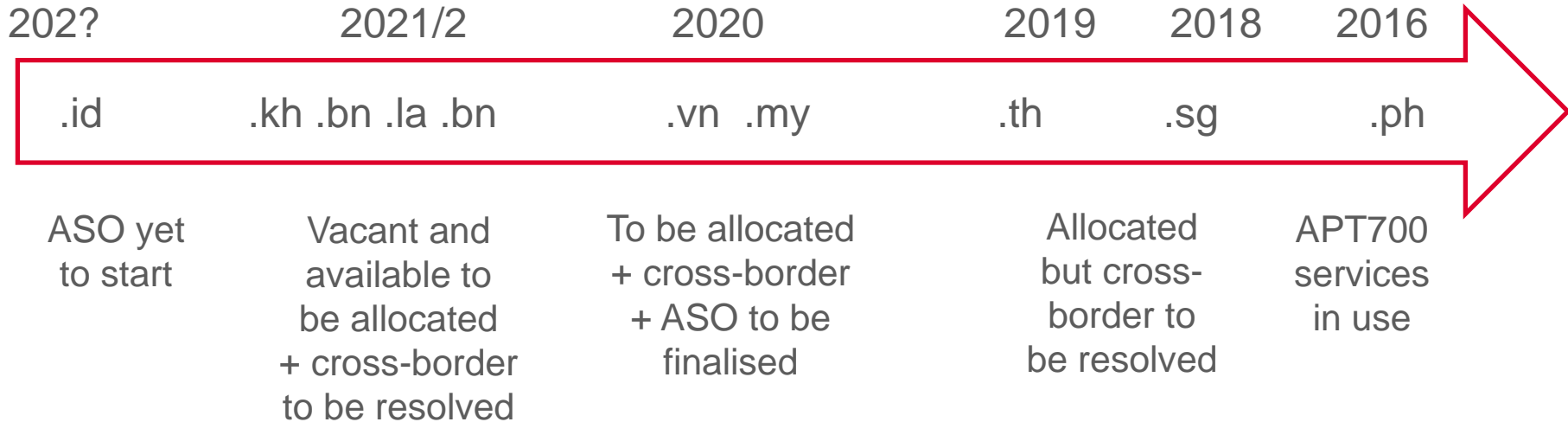
- International allocation of 700 MHz spectrum dates back to **2007** (ITU, WRC-07)
- First networks deployed in **2010**
- Majority of APAC region committed to a common spectrum band plan by **2012**
- First few APAC countries assigned 700 MHz and completed ASO in **2013**
- Ministerial ASEAN declaration (**2017**) to achieve ASO by **2020**





Timeline for APT700

Likely timeline in ASEAN for availability and allocation for 700 MHz for IMT and adoption of APT700 Band plan





Urgent next steps for Indonesia



1) Broadcasting Act amendment: sunset provision on spectrum rights used by legacy analogue TV broadcasting as soon as possible

2) Analogue TV switch-off date: announcement of ASO date. Implement Digital Switch Over (DSO) plan to convert to digital TV

3) 700 MHz release date for mobile broadband: announce and implement the assignment of the 700 MHz spectrum for mobile broadband (**digital dividend**)