Network Performance & Supervision

Javier Zarate LATAM Wireless Solutions and Marketing Executive



Government Accelerate MBB Deployment through Standard & Evaluation Systems



Stimulating and releasing competitive dividends

Benefit from Government-led Network Evaluation

- **Protect consumer:** Consumers have the right to know the network quality and coverage and select carriers based on the network quality.
- High efficiency: Unified Benchmarking Standard and sharing test cost with operators
- Fair competition : User choose operators based on network quality and service comparison
- **Strong Supervision:** Monitor and evaluate the quality of ICT policy implementation with unified standard

Government Supervision Challenges

Lack of comparison with
global referenceNo cooperation with
international third-partyLack of KQI standards
&evaluation methodologyNot consistent with global
benchmarking standardsLong Test period and low
test frequencyPoor test methodology
and no crowdsourcing



Global Benchmarking : More than 180+ Networks, 80 Countries Introduce Benchmarking Tests





P3 Benchmark Methodology- Word Leading Professional Benchmarking Standards



ETSI release benchmark standard with reference of P3 in 2019.08

P3 start to support 5G benchmark test at 2019



Key Factors to impact Network Performance in 5G era





Benchmark ranking Planning element mapping model



Methodology of mapping logic

Key KQI/KPI simulation prediction in coverage, speed (average/P10/P90)





Network Design Criteria Analysis





* Network coverage related KPI

Enhance Solutions to Gear Up 5G Deployments

Enabling all Wireless Deployment Scenarios and Services

NG Powerful Platform







Thank you.

Bring digital to every person, home and organization for a fully connected, intelligent world.

Copyright©2020 Huawei Technologies Co., Ltd. All Rights Reserved.

The information in this document may contain predictive statements including, without limitation, statements regarding the future financial and operating results, future product portfolio, new technology, etc. There are a number of factors that could cause actual results and developments to differ materially from those expressed or implied in the predictive statements. Therefore, such information is provided for reference purpose only and constitutes neither an offer nor an acceptance. Huawei may change the information at any time without notice.

