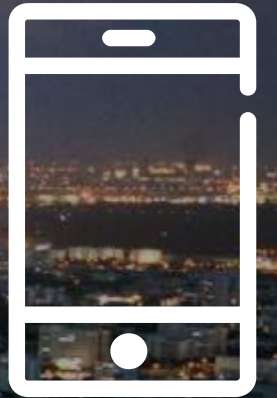
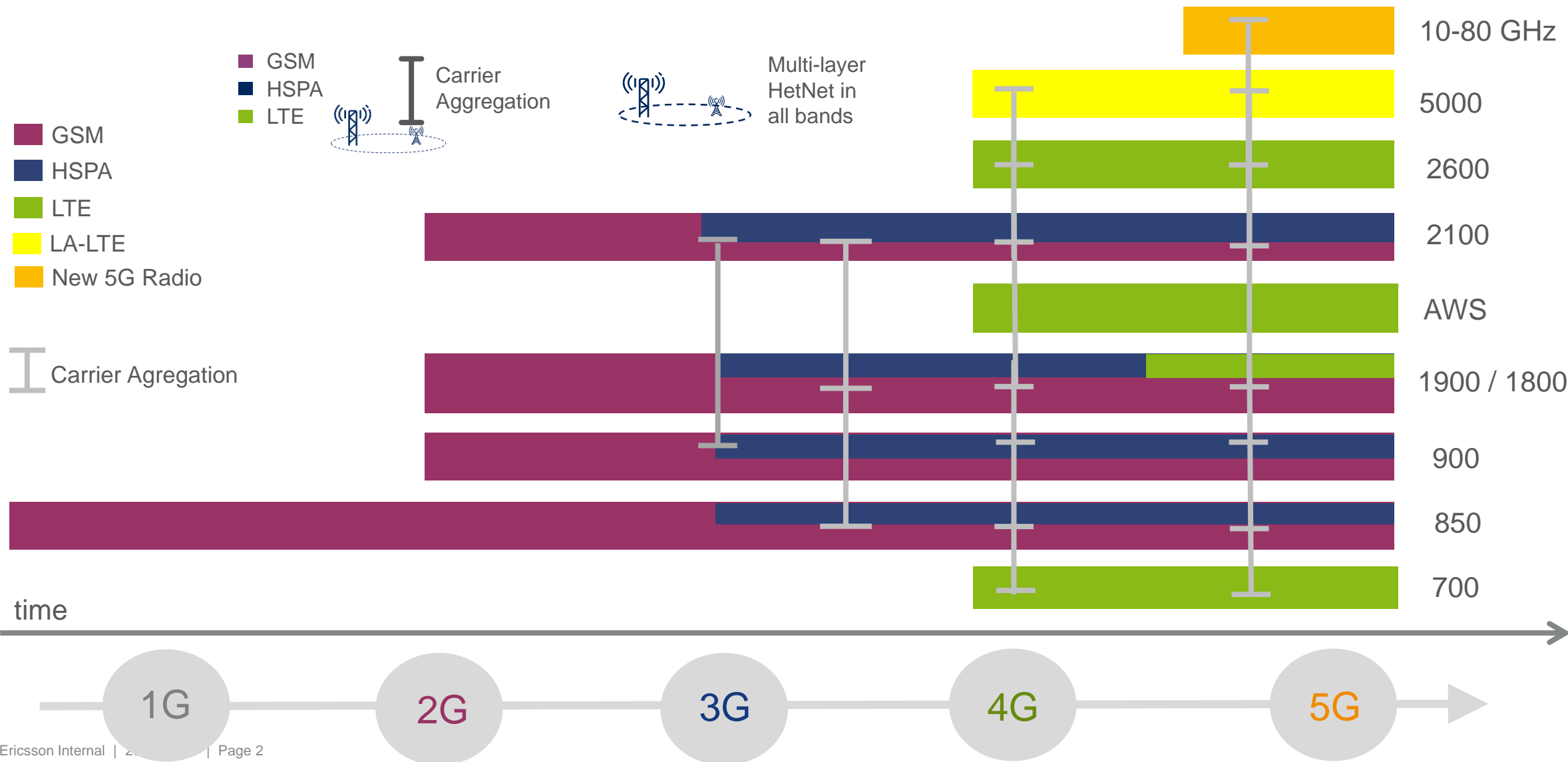


# LTE NETWORKS AND SPECTRUM

Jesper Rhode  
Ericsson Latam and Caribbean



# 3 DIMENSIONS TO BUILD NETWORKS FOR THE FUTURE





Multi Layer

Multi Standard

Multi Band



ERICSSON

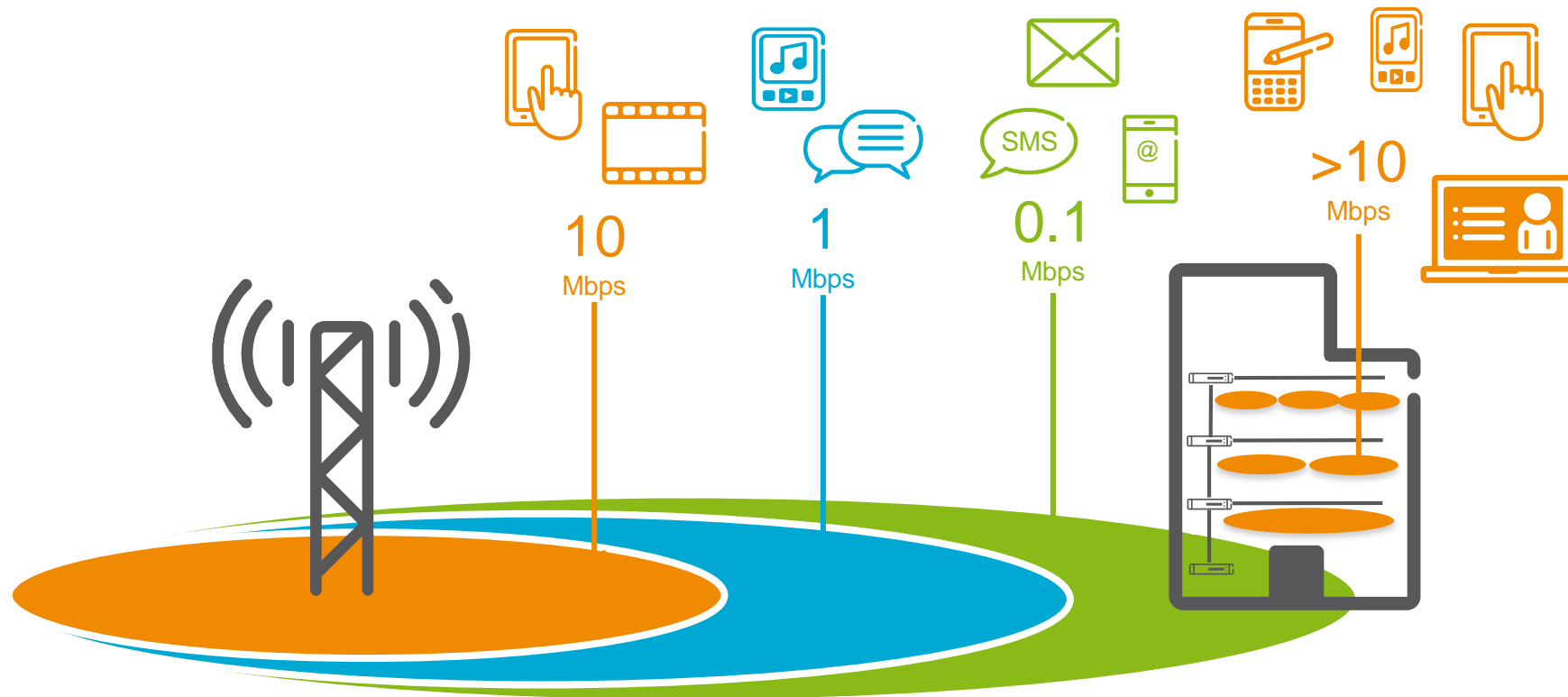
# MULTI LAYER



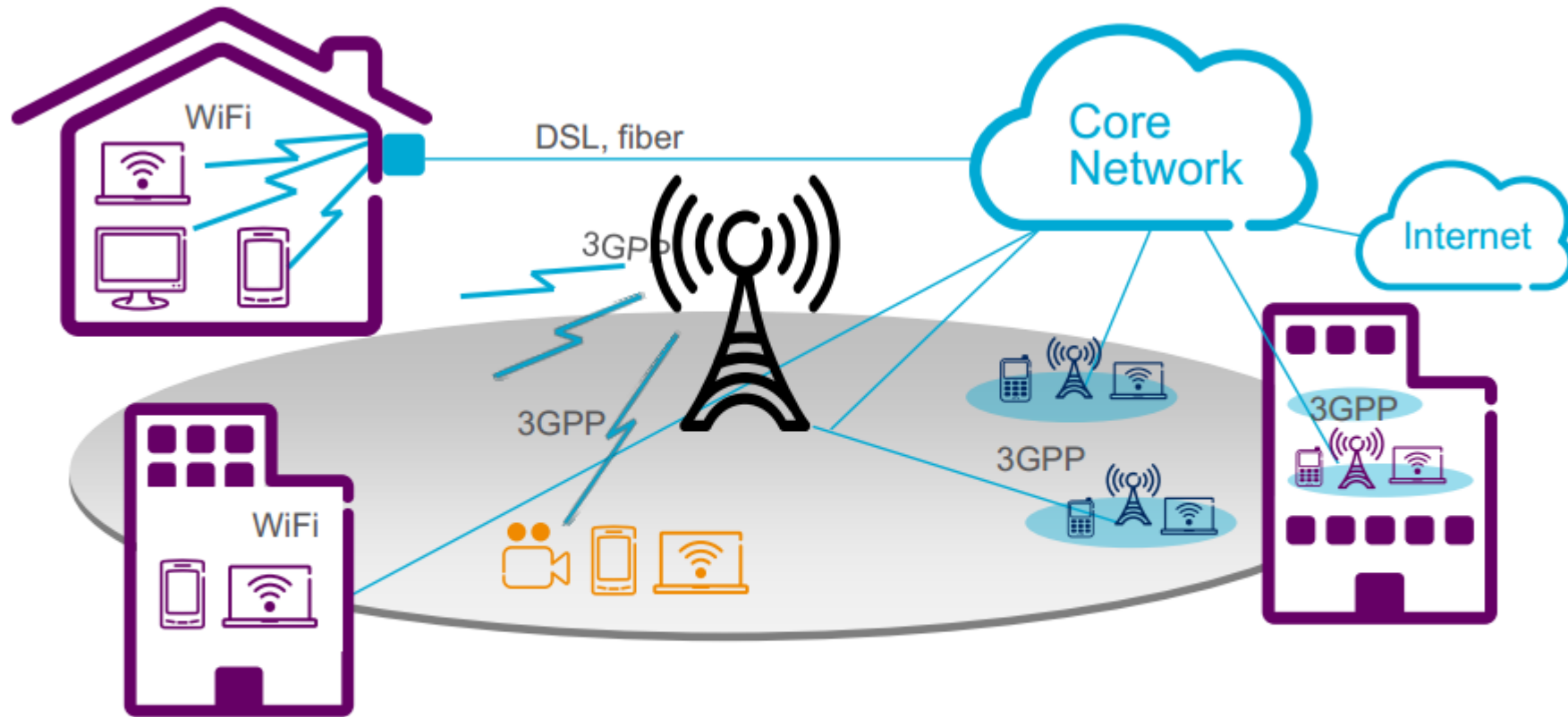
# INDOOR REDRAWS THE APP COVERAGE MAP



Enterprise requires perfect  
app coverage in  
challenging environments



# HETEROGENEOUS NETWORKS



PERSONALIZED SERVICES IN AN  
ALWAYS BEST CONNECTED ENVIRONMENT



ERICSSON

# MULTI STANDARD

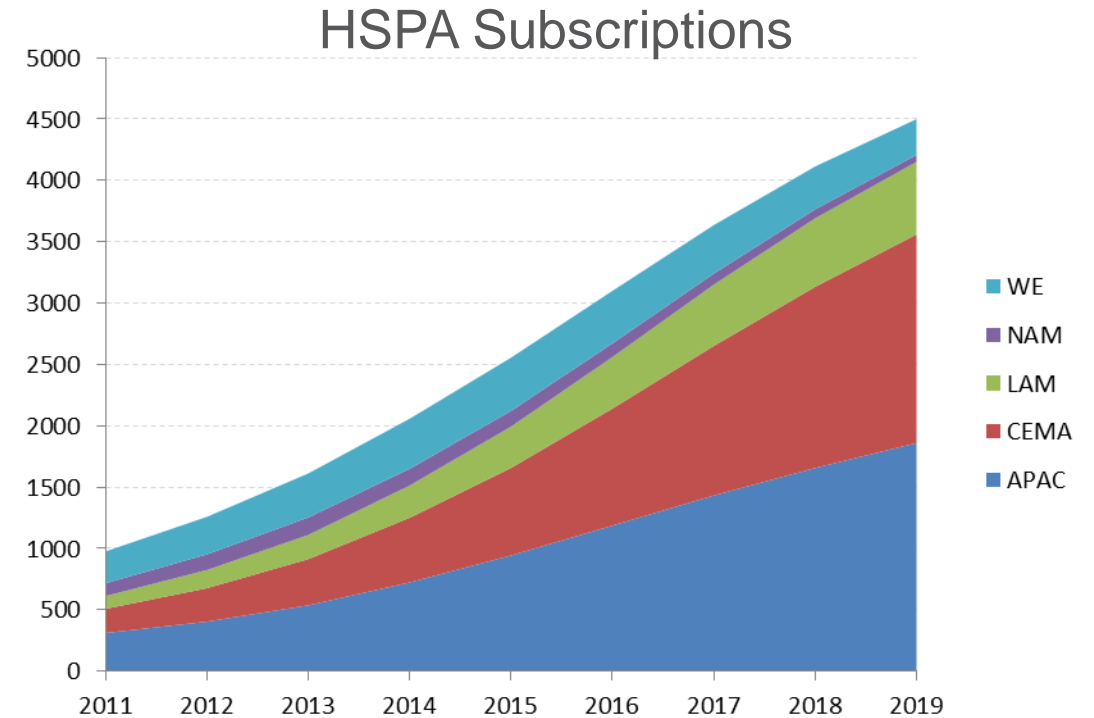
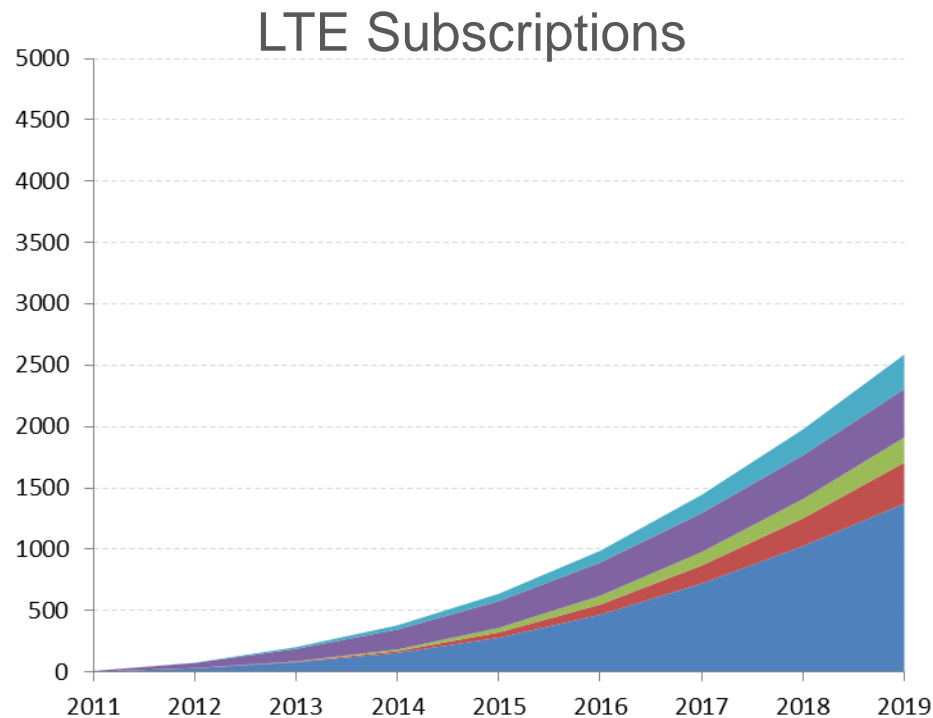


# MBB SUBSCRIBER FORECASTS



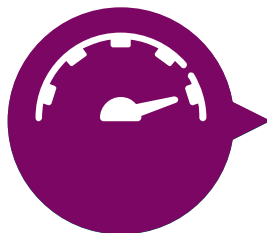
## Subscriptions – All Device Types

Source: Ericsson Mobility Report Traffic Exploration Tool

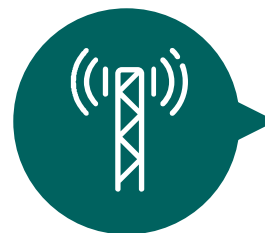


[ LTE to have majority of subscriptions in some regions  
HSPA in rest of the world ]

# THIN LAYER GSM



GSM network  
efficiency



No GSM  
unique HW



GSM  
automation



ERICSSON

# MULTI BAND



# CARRIER AGGREGATION



- › 3 HSPA bands with Turkcell / COMMERCIAL
  - 40% capacity increase
  - DL 63 mbps
- › 2 LTE bands with SingTel / COMMERCIAL
  - DL 300 mbps
- › 3 LTE FDD Bands SK Telecom-Teltra / COMMERCIAL HW/SW POC
  - DL 450 mbps
- › 3 LTE FDD & TDD bands SingTel / COMMERCIAL HW/SW POC
  - 260 mbps
  - Increased efficiency with TDD bands



ERICSSON

# BEYOND 4G



# EVOLUTION TOWARDS 2020





**ERICSSON**