

LTE 1800 – NETWORK VENDOR VIEW

MARTIN LJUNGBERG

PRODUCT MANAGER – MOBILE BROADBAND

BUSINESS UNIT NETWORKS

UPGRADING TO LTE



Radio

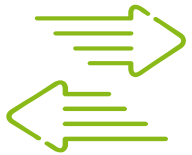


Coverage and capacity plan

Spectrum plan

MSR with LTE

Backhaul



Ethernet

Fiber

Microwave

Core



Flat IP

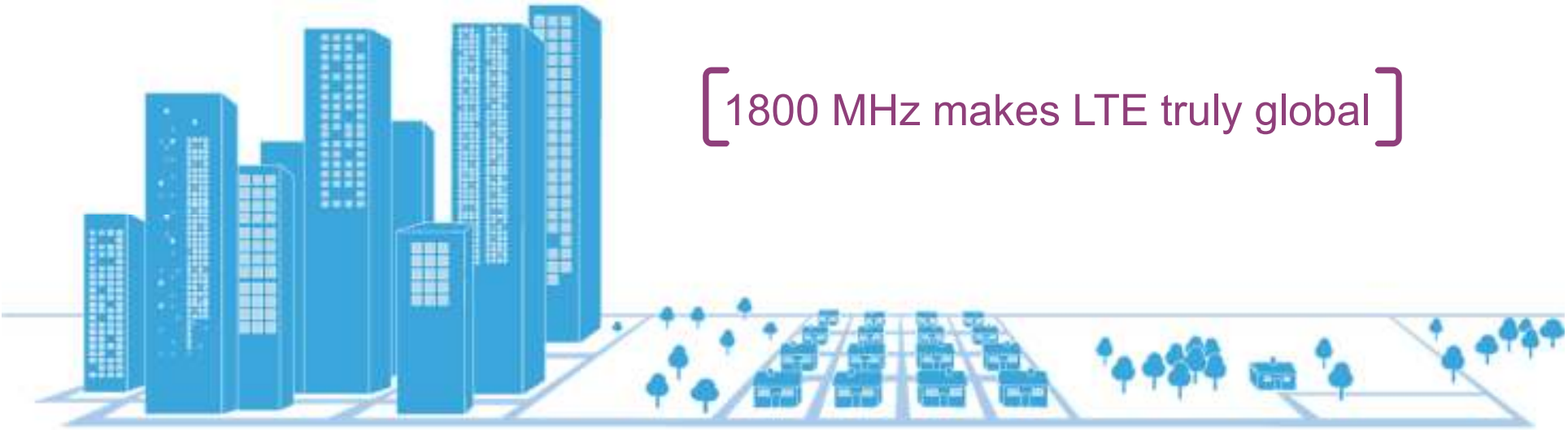
EPC functionality

High capacity nodes

[Mobile Broadband in one network for all radio technologies]

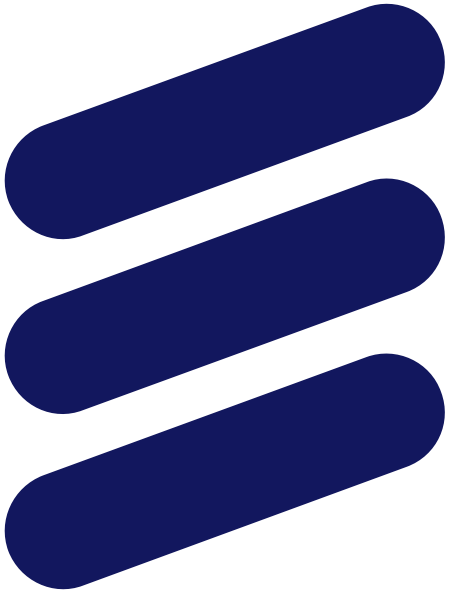
TYPICAL SPECTRUM STRATEGY

Urban Suburban Rural



1800 MHz makes LTE truly global

700/800 MHz		LTE		
850/900 MHz		GSM / EDGE HSPA		
18/1900 MHz		GSM / EDGE HSPA LTE		
2100 MHz		HSPA		
2600 MHz		LTE		



ERICSSON