



FROM A
„SMARTPHONE
CENTRIC LIFE” TO A
REALLY
„CONNECTED LIFE”

Graz, 11-03-2019

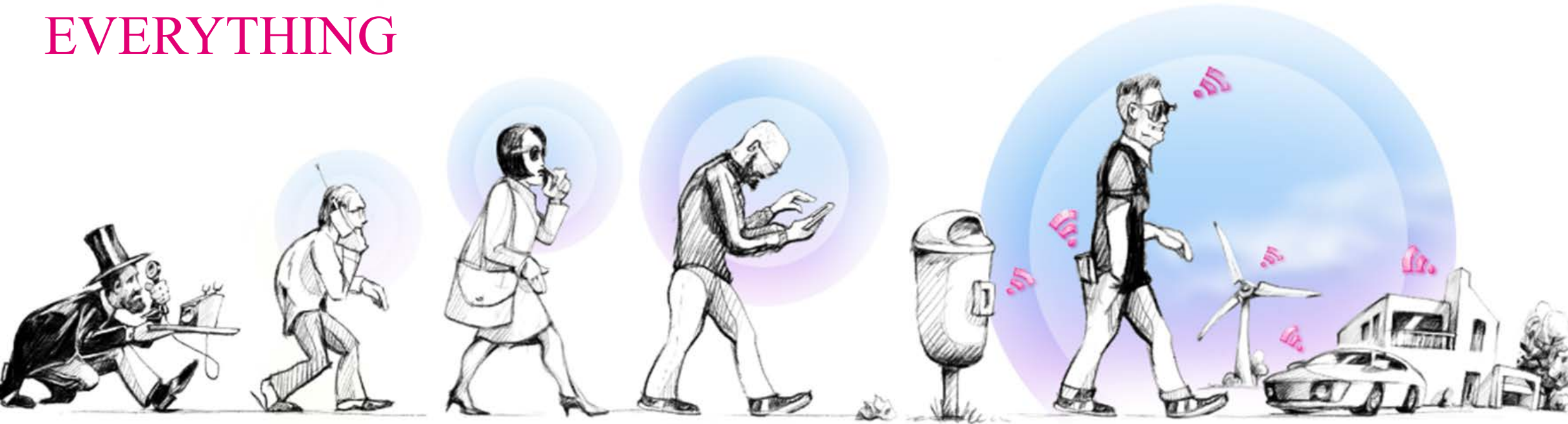
DI Driton Emini, VP Next Generation Networks &
IoT



LIFE IS FOR SHARING.



5G IS THE NEXT GIANT STEP IN MOBILE EVOLUTION: FROM CONNECTING PEOPLE TO CONNECTING EVERYTHING



1G

2G

3G

4G

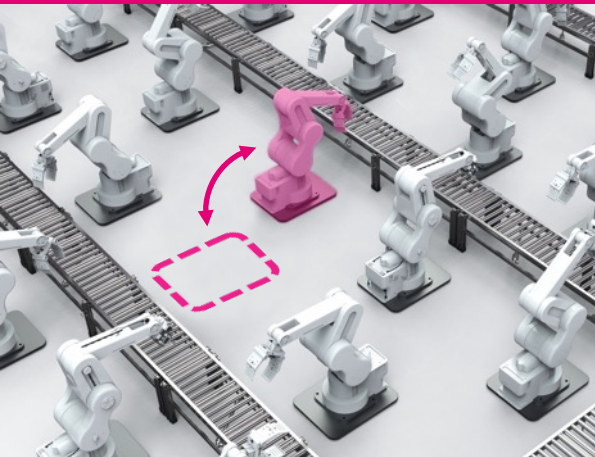
5G



LIFE IS FOR SHARING.



5G will move us from a „smartphone centric life” to a really „connected life”





What does this mean for the industry?

5G campus networks remove the need of fiber tethering for machinery

Reconfiguration of production line layouts made easy

THERE'S NO GENERIC DEFINITION OF 5G IN THE INDUSTRY

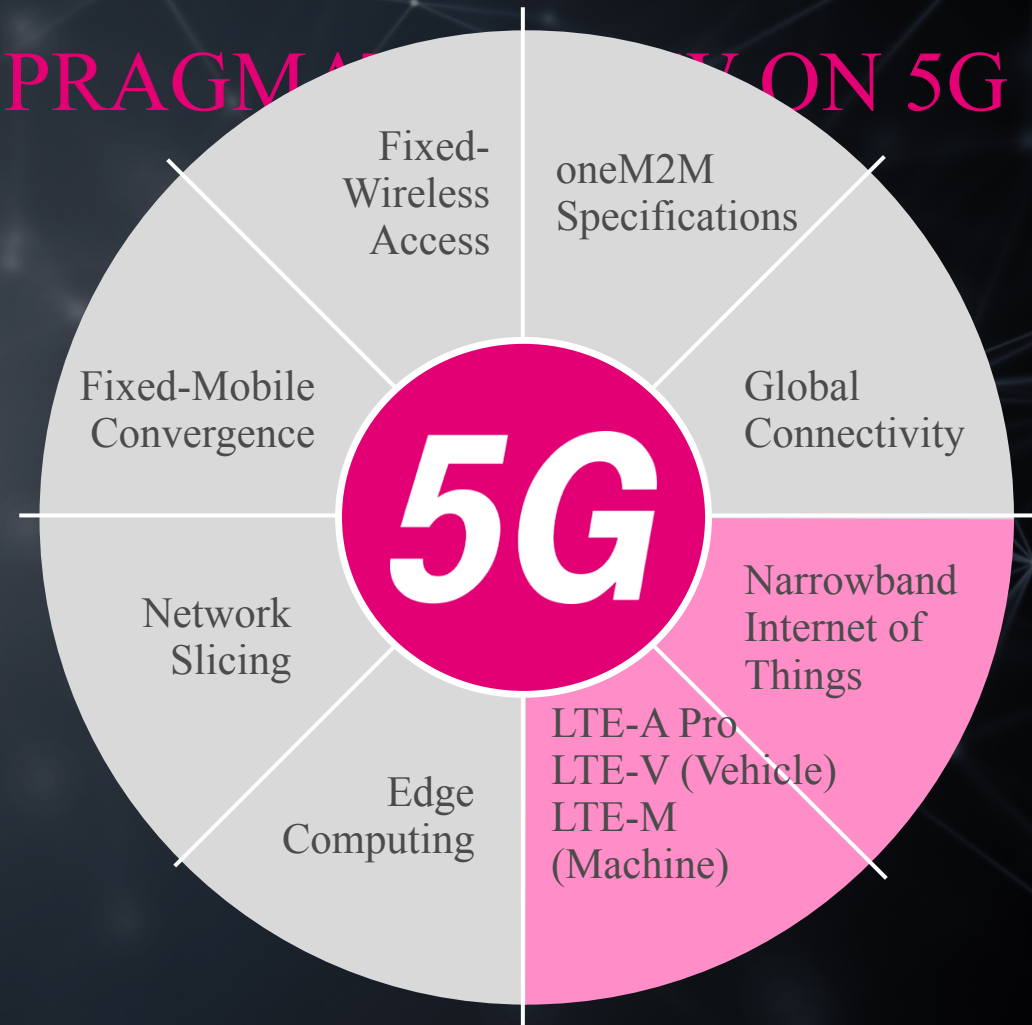
THIS IS DEUTSCHE TELEKOM PRAGMATIC DEFINITION ON 5G

At the heart of 5G is the 3GPP standard (release 15 ff) incl. a new network core and a new radio transmission interface called "5G New Radio".









5G is a family of radio interfaces. The evolution of LTE is considered part of 5G: LTE-A Pro, LTE-V, LTE-M, NB-IoT, ...

Additional technologies and topics contribute to improved networks and connectivity and can therefore be regarded as 5G in a wider sense.



WE RUN VARIOUS 5G INSTALLATIONS AND TESTBEDS



-  = 5G NR test network
-  = Campus Network testbed
-  = Network Slicing testbed
-  = Edge Cloud datacenter
-  = Technical lab
-  = FWA testbed



LIFE IS FOR SHARING.



Global
Mobile
Awards

2019



**DEUTSCHE TELEKOM WINS
THE EUROPEAN 5G PIONEER**

T-MOBILE AUSTRIAS ROAD TO 5G





5G smartphones expected in 2019



friendly user with 5G routers



25 antennas in the beginning



T-Mobile Austria launches 5G in Austria

THANK YOU!

