

A person with glasses is holding a smartphone, looking at the screen. The phone displays a photo of a person. In the background, there are other people and trees, suggesting an outdoor event or festival. A large pink semi-transparent rectangle is overlaid on the bottom half of the image, containing white text.

T-MOBILE POLAND NETWORK & QUALITY

THOMAS LIPS - CTIO, BOARD MEMBER

Customer centric NETWORK

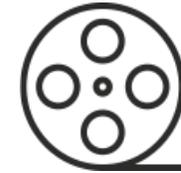
WE ARE
CRAZY
ABOUT OUR **CUSTOMERS**



17% Poles use smartphone
in churches



22% in theatre



30% in cinemas



10% using smartphone
in shower



60% falling to sleep
with smartphones



Almost **60%** using
smartphones in toilet



LIFE IS FOR SHARING.

LTE in best network

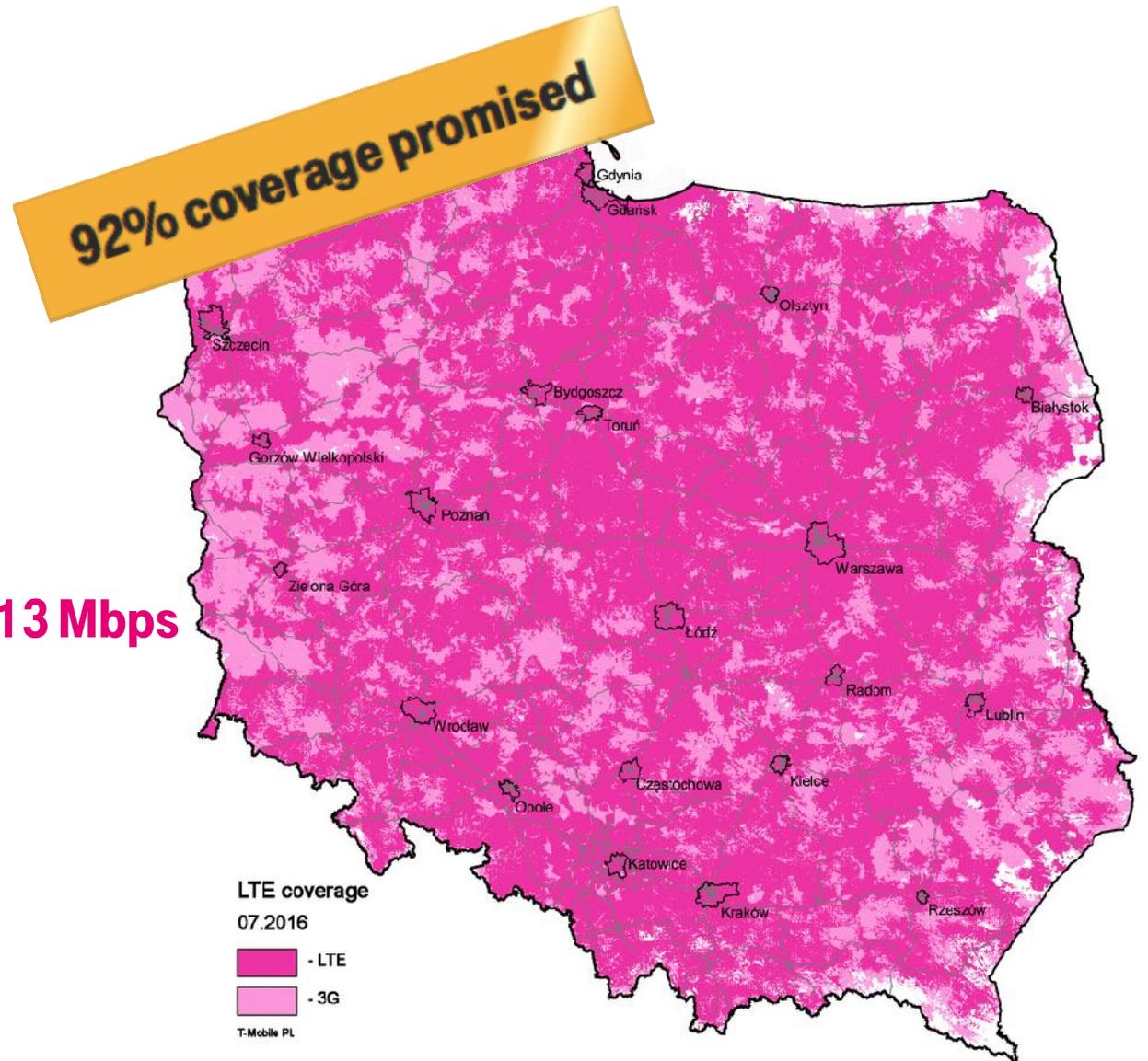
TMPL LTE currently available for **95%** of Poland's population

LTE offering:

LTE800: **36 Mbps** → **73Mbps** LTE1800: **113 Mbps**

LTE 2CA: **220 Mbps**

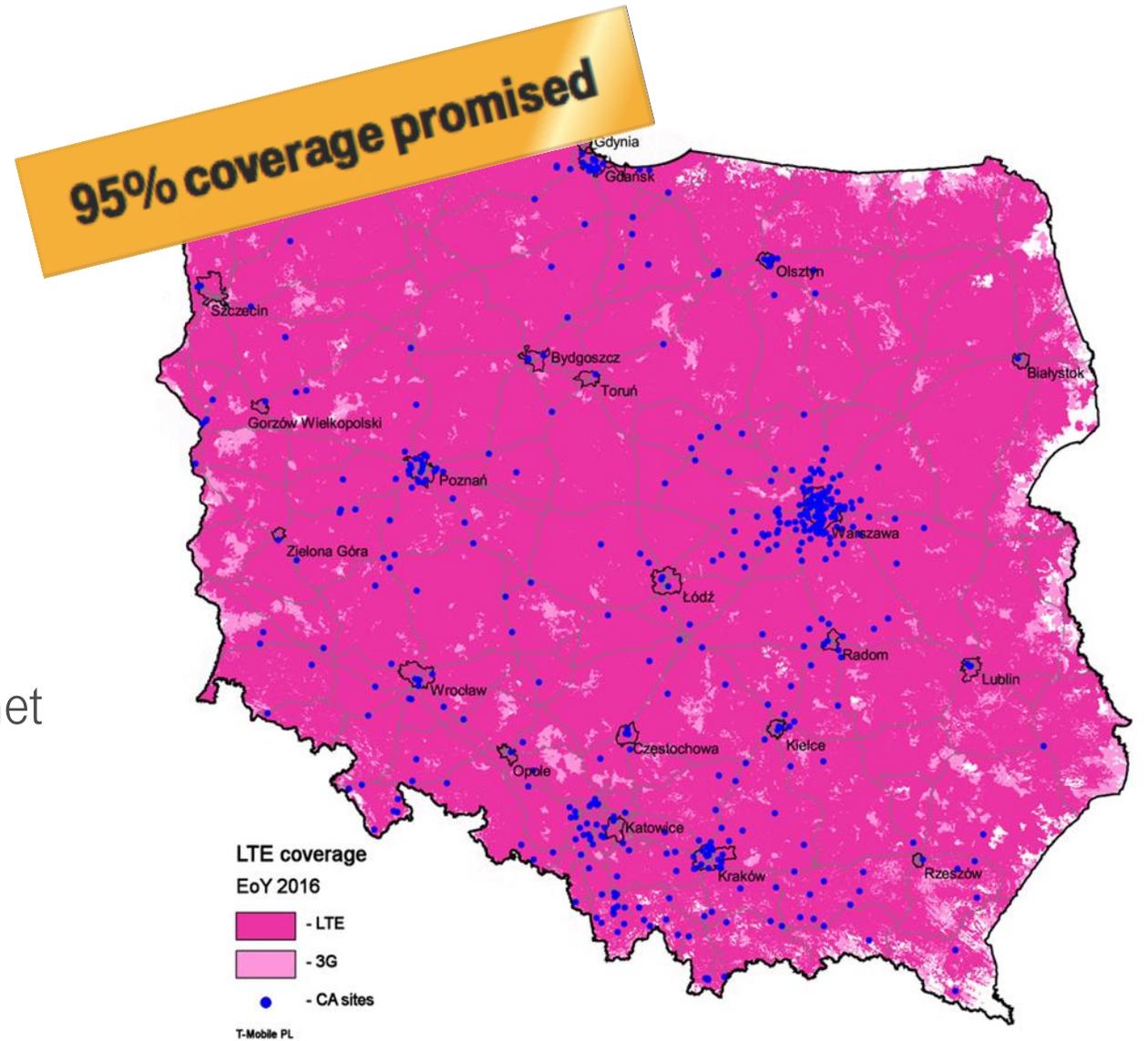
LTE 3CA: **300 Mbps**



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SECOND HALF OF 2016

- **99%** of the locations with LTE service till end of the year.
- **98%** LTE population coverage planned till end of 2016
- **500+** LTE Carrier Aggregation sites
- TMPL customers with high speed internet ranging from **73Mbps** to **300Mbps**

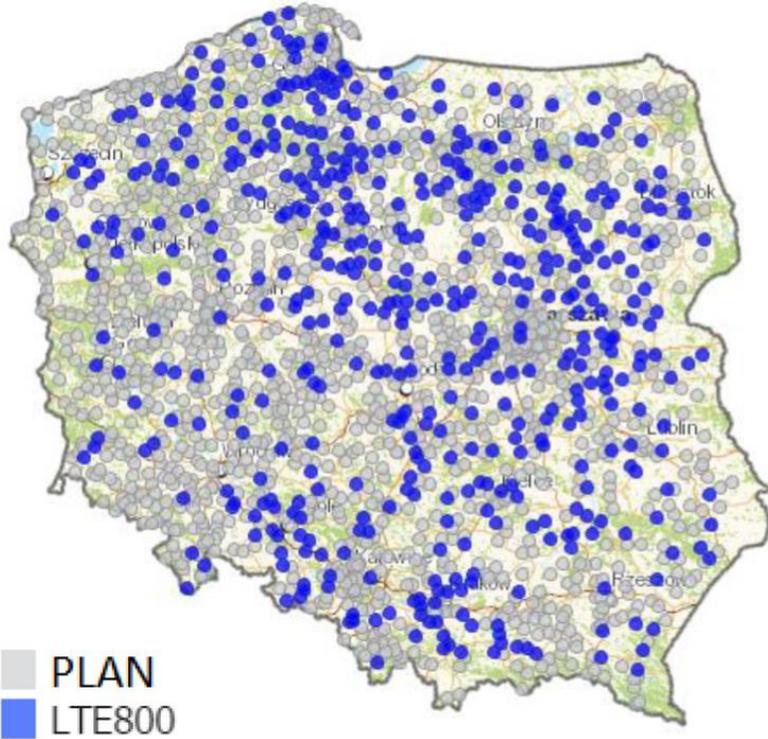


LIFE IS FOR SHARING.

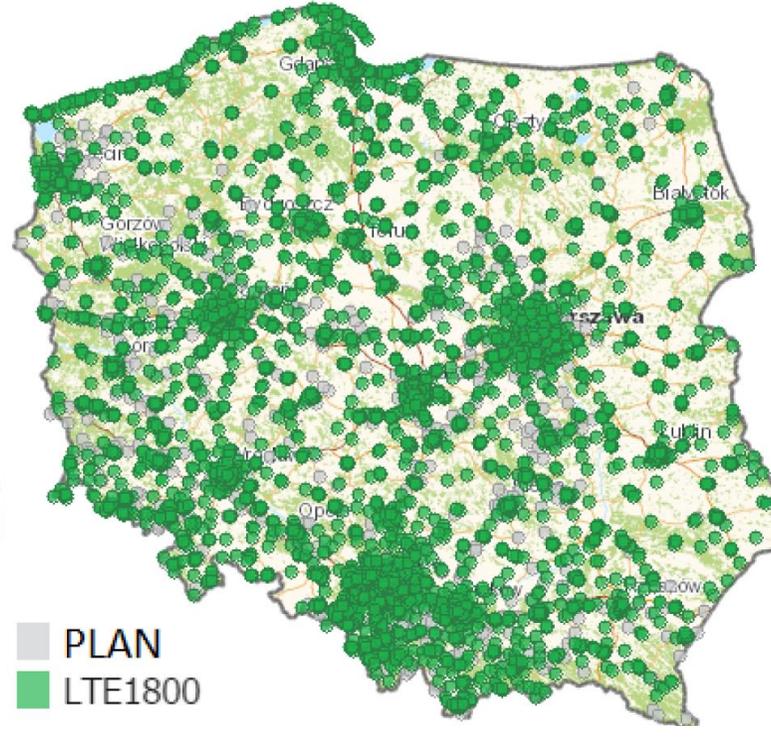
EXISTING AND PLANNED LTE EXTENSIONS



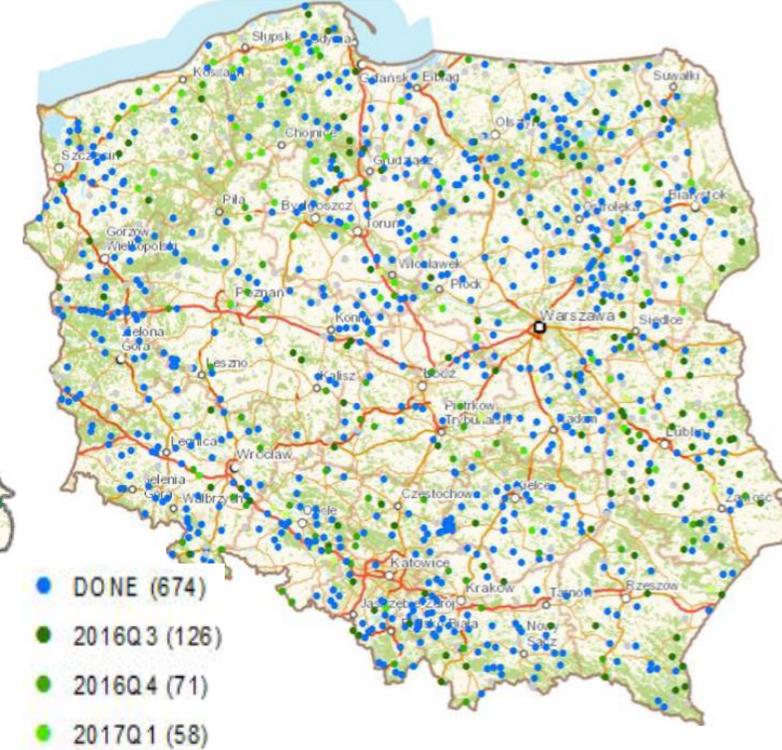
LTE 800



LTE 1800



Capacity extensions



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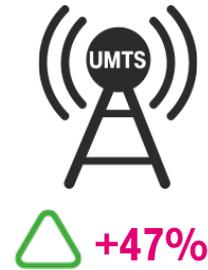
Network traffic

Changes in Data consumption YoY

4G share of total traffic

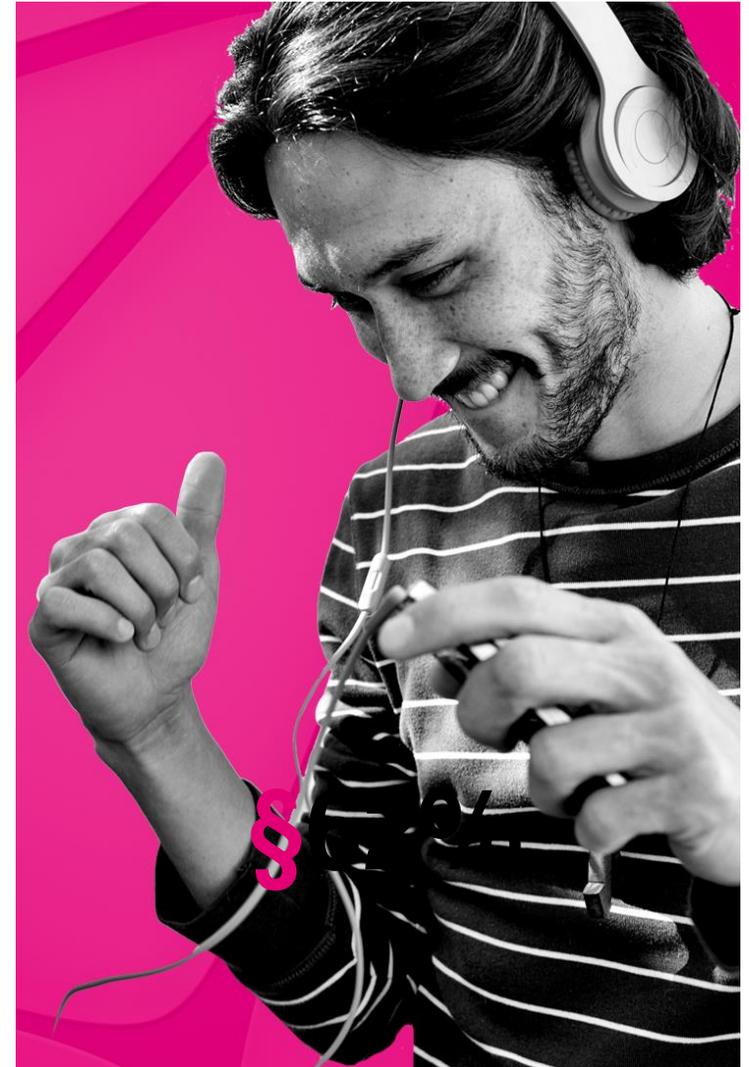
62% 

DATA
TRAFFIC



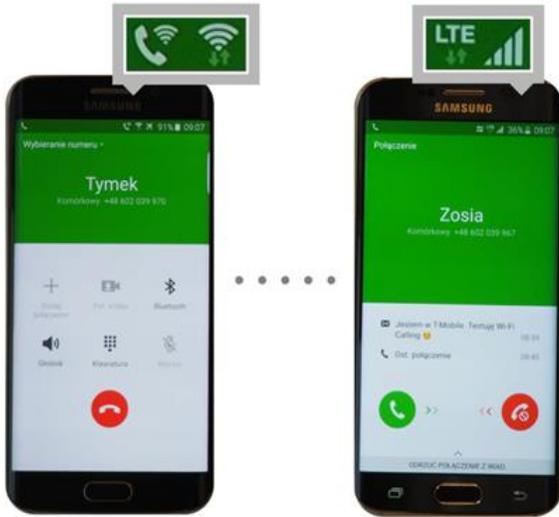
Changes in voice traffic YoY

VOICE
TRAFFIC



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VOLTE/VOWIFI



The solution

- native mode – no dedicated application necessary
- full integration with T-Mobile network, including handovers
- look & feel experience like in 3G/LTE network (eg. integration with phone book)
- same solution will be available in other T-Mobile countries – project is a part of DT PanIP initiative



Testing

- ongoing process
- core VOLTE/VOWIFI components integrated with commercial network
- internal employees testing phase – whole Poland
- drive tests to be performed to tune radio network



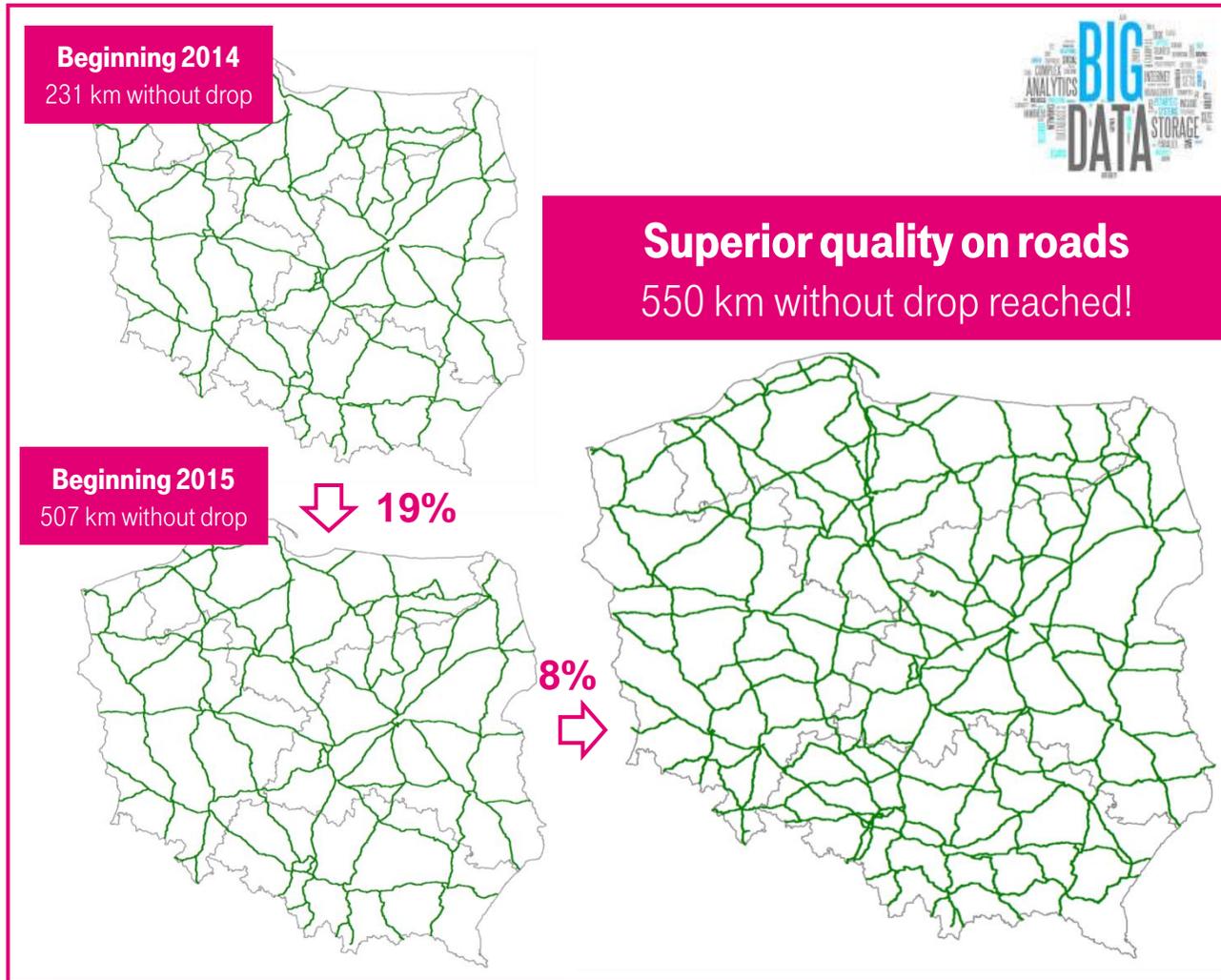
Commercial launch

- planned Q4 2016



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BEST QUALITY FOR OUR USERS Zero Drop Network



Roads covered
by measurements: **15 878 km**



Network measurements' route lengths

- 2014: 51 204 km
- 2015: 52 816 km
- 2016: 63 512 km



LIFE IS FOR SHARING.

IN 2017 WE WILL FOCUS ON

Further Substantial LTE extensions
Ensure of **BEST NETWORK** and **DATA** leadership

- LTE coverage
- New sites
- Carrier Aggregation



**BEST
IN TEST**



MOBILIZER



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THANK YOU!