

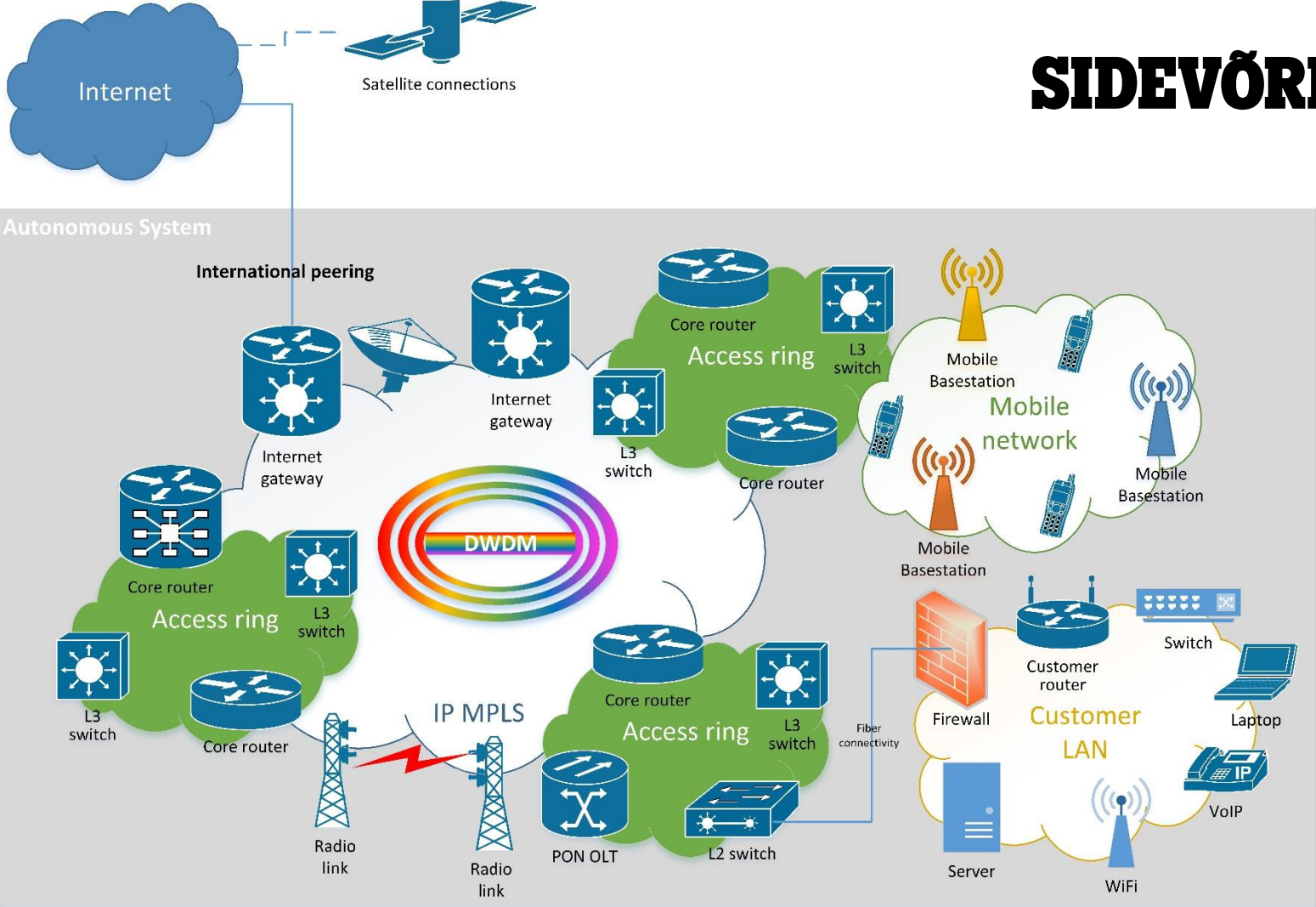


**ELASA VAJALIKKUS
MOBIILSIDEVÕRGU ARENGUS
JA
ELUTÄHTSATE TEENUSTE OSUTAMISEL**

Tanel Petersell

TELE2

SIDEVÖRK



Transmission

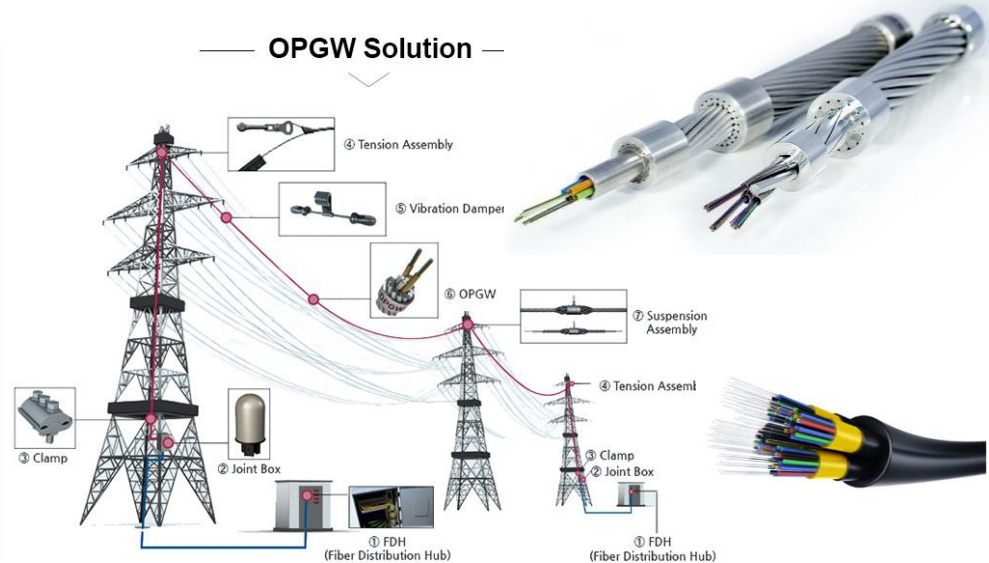
Analoog- või digitaalsignaali edastamine üle edastuskandja (vask, optika, raadio).

Maantee kahe „linna“ vahel!

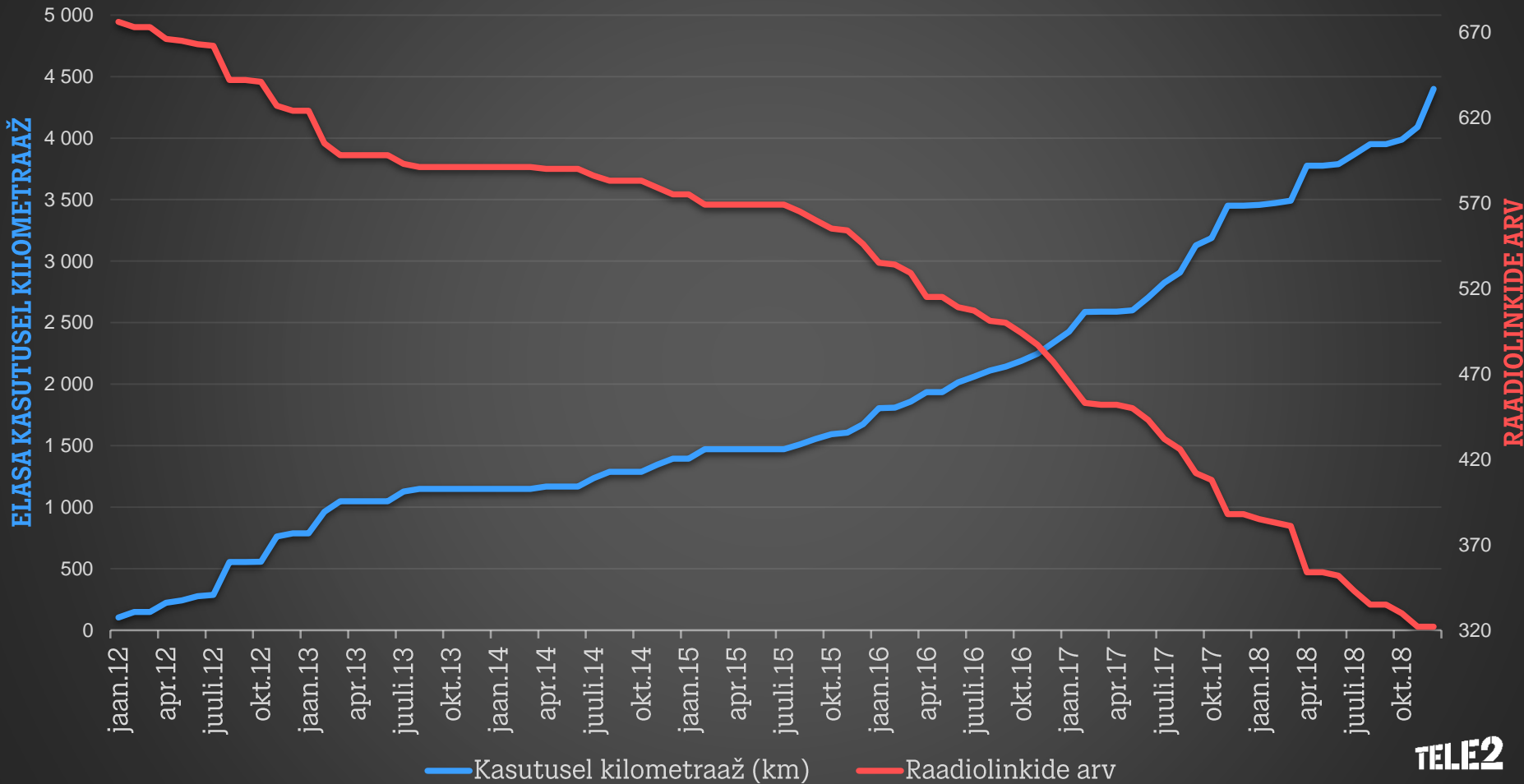
RAADIO



OPTIKA



ELASA OSATAHTSUS VS RAADIOLINGID TELE2 NÄITEL



Teenustase - SLA

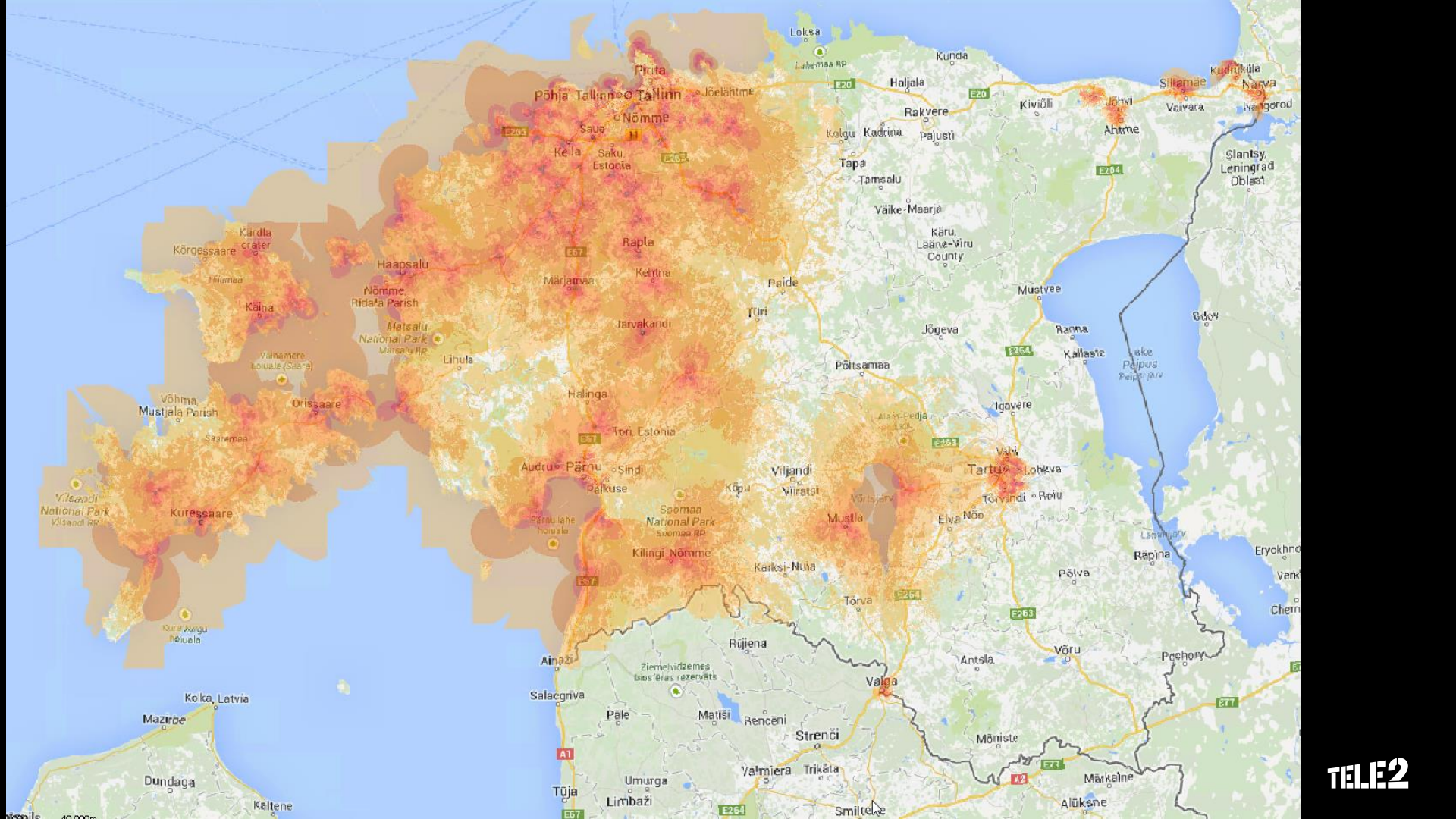


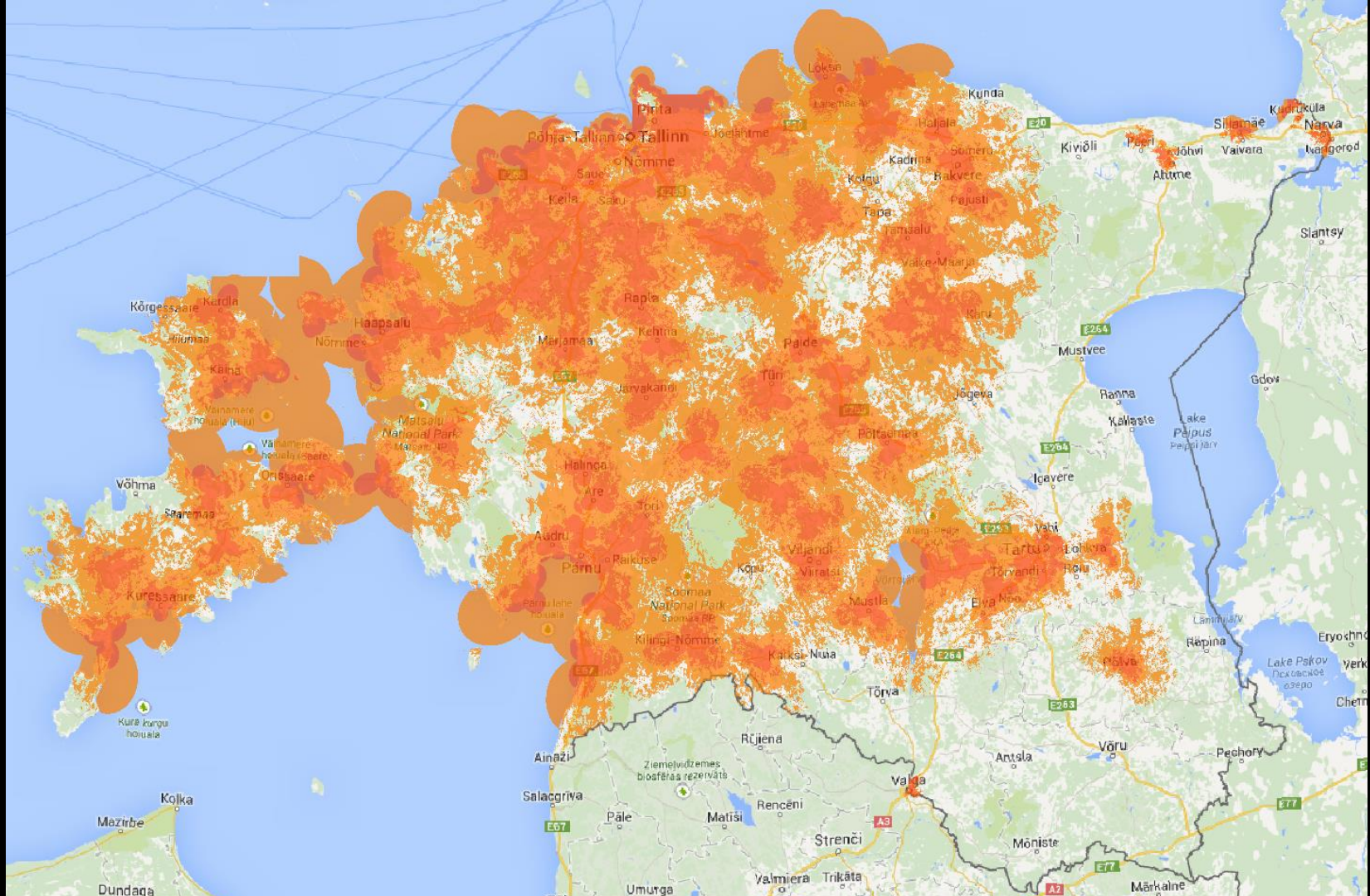
RAADIO

- Teoreetiline SLA 99,995% raadio hüppe kohta
- Arvestuslik katkestus 26 min/aastas raadio hüppe kohta
- 300 raadio hüpet SLA 99,995%
- Arvestuslik katkestus 7800 min/aastas

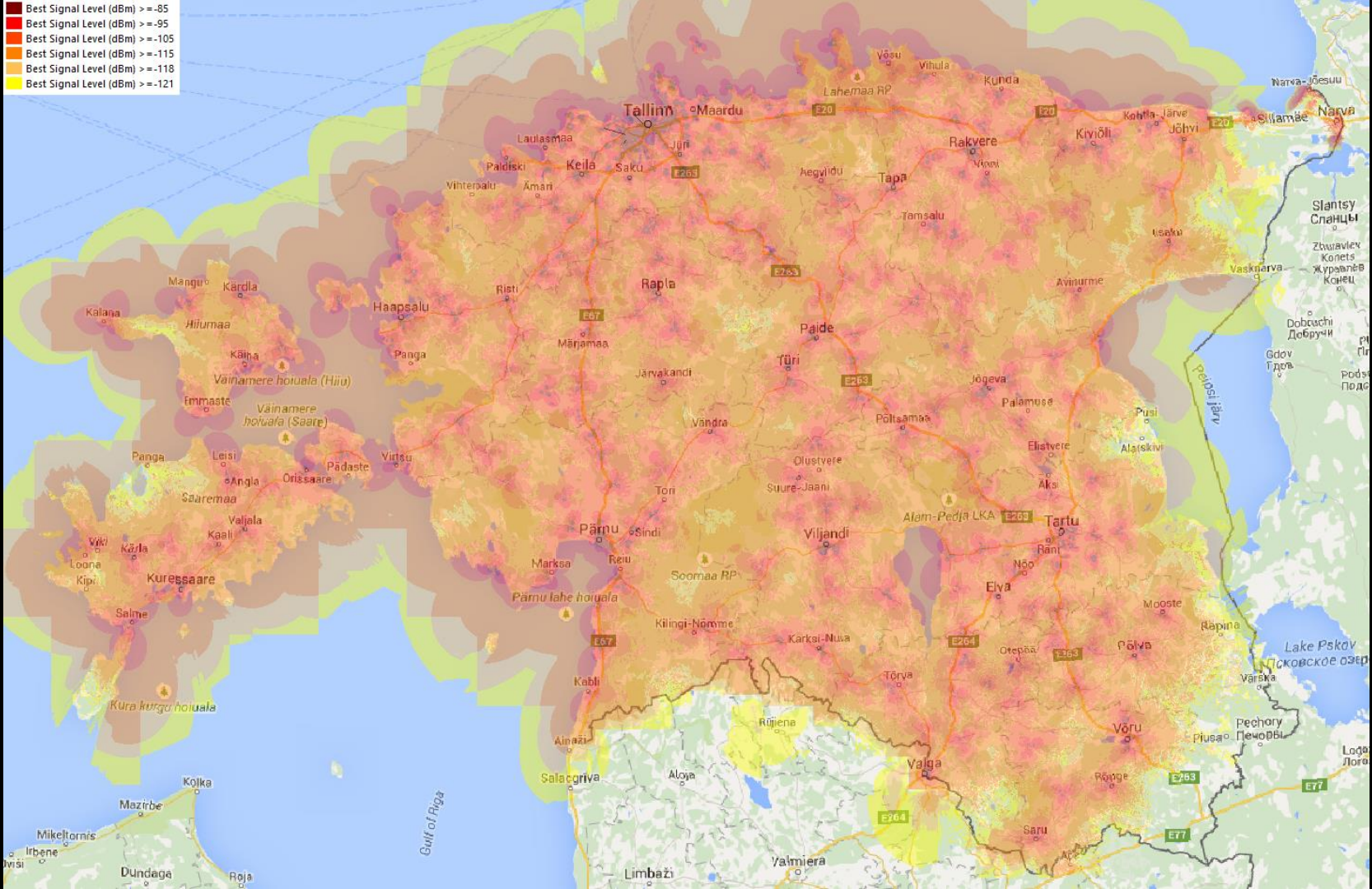
OPTIKA

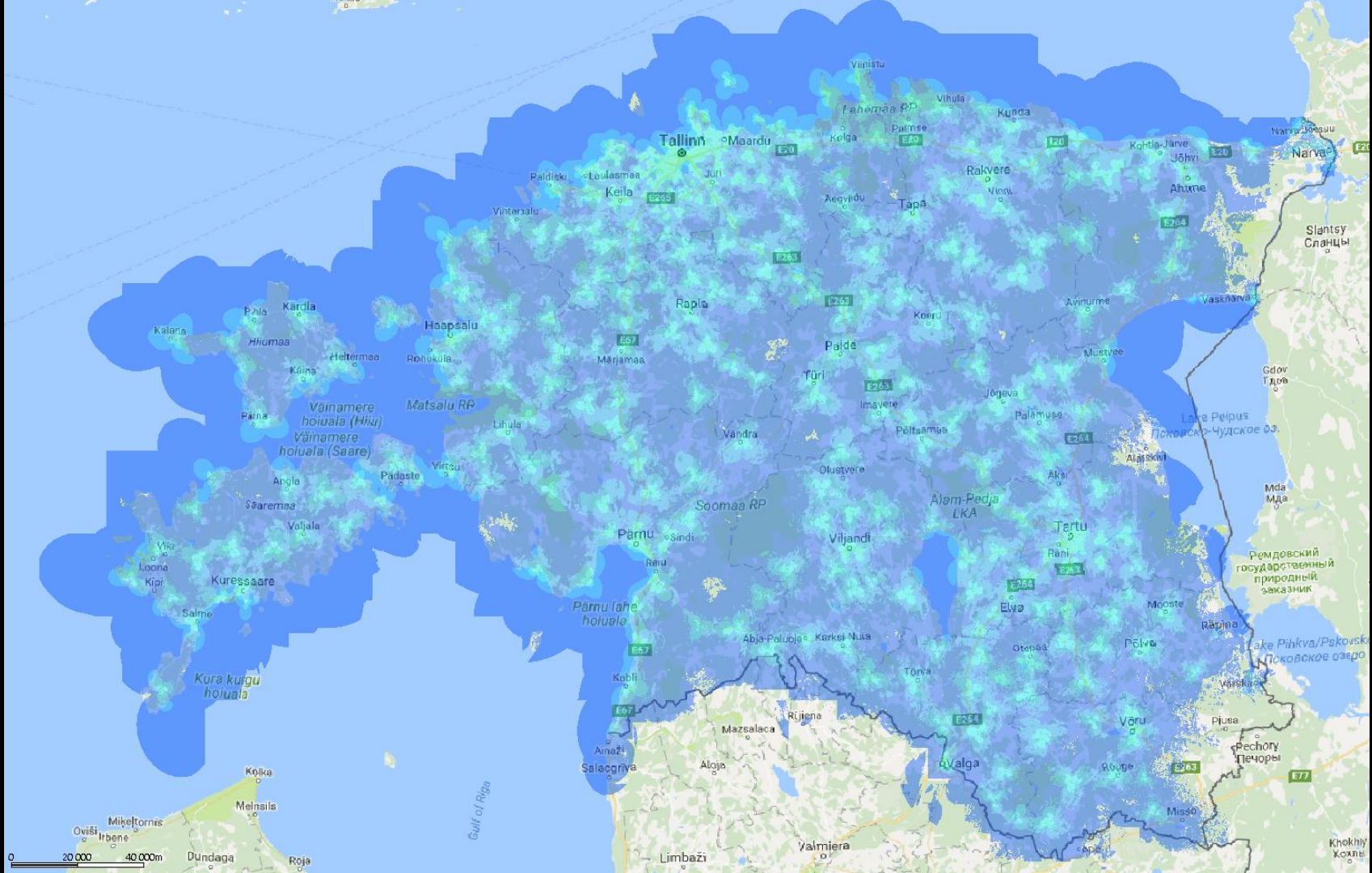
- Teoreetiline SLA 99,9997% optika lõigu kohta
- Arvestuslik katkestus 2 min/aastas optika lõigu kohta
- 300 optika lõiku SLA 99,9997%
- Arvestuslik katkestus 600 min/aastas



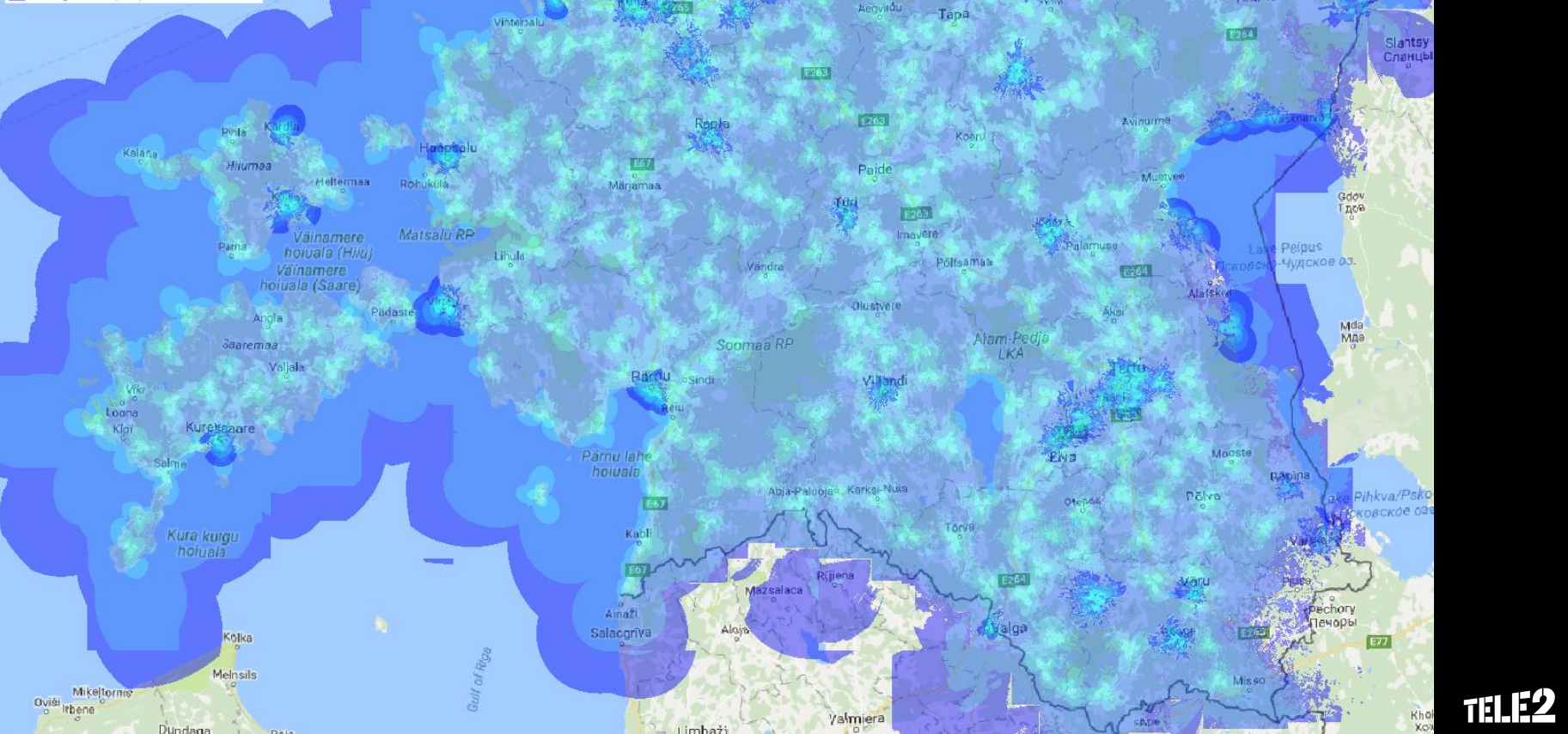


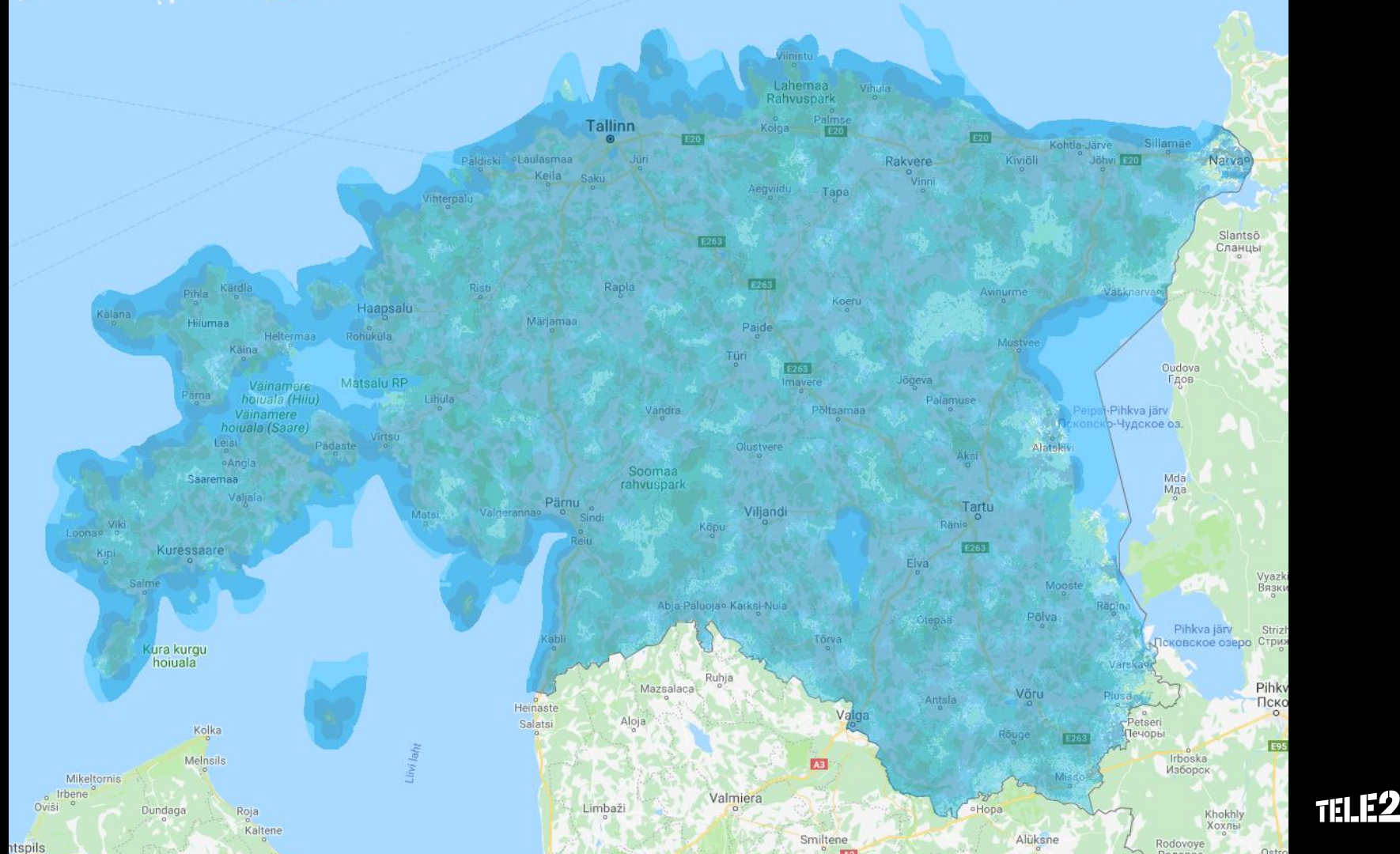
- Best Signal Level (dBm) >=-85
- Best Signal Level (dBm) >=-95
- Best Signal Level (dBm) >=-105
- Best Signal Level (dBm) >=-115
- Best Signal Level (dBm) >=-118
- Best Signal Level (dBm) >=-121



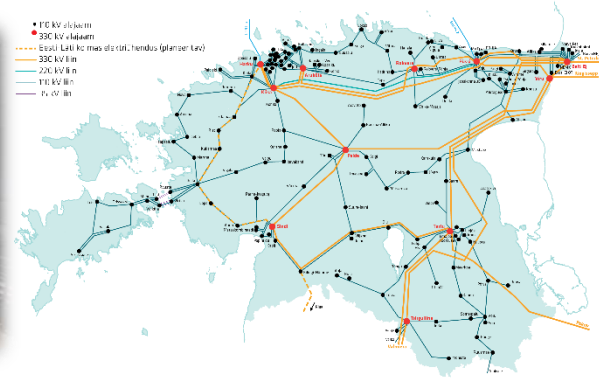
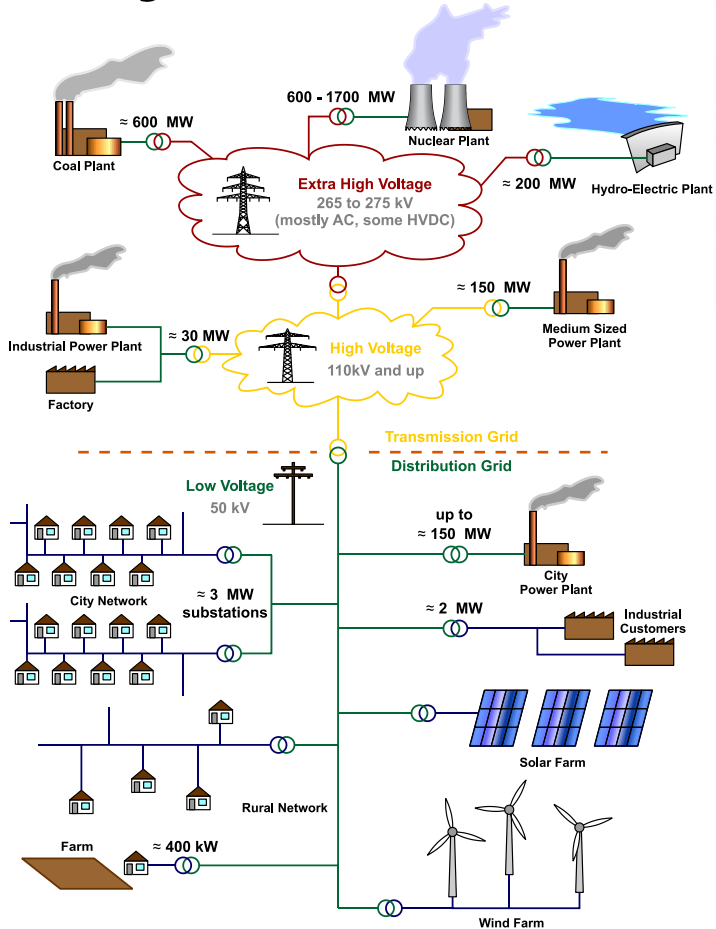


- LTE Coverage by Signal Level (DL) TJA 01-06-2017**
- Best Signal Level (dBm) >=-30
 - Best Signal Level (dBm) >=-40
 - Best Signal Level (dBm) >=-50
 - Best Signal Level (dBm) >=-60
 - Best Signal Level (dBm) >=-70
 - Best Signal Level (dBm) >=-80
 - Best Signal Level (dBm) >=-90
 - Best Signal Level (dBm) >=-100
 - Best Signal Level (dBm) >=-110
 - Best Signal Level (dBm) >=-120



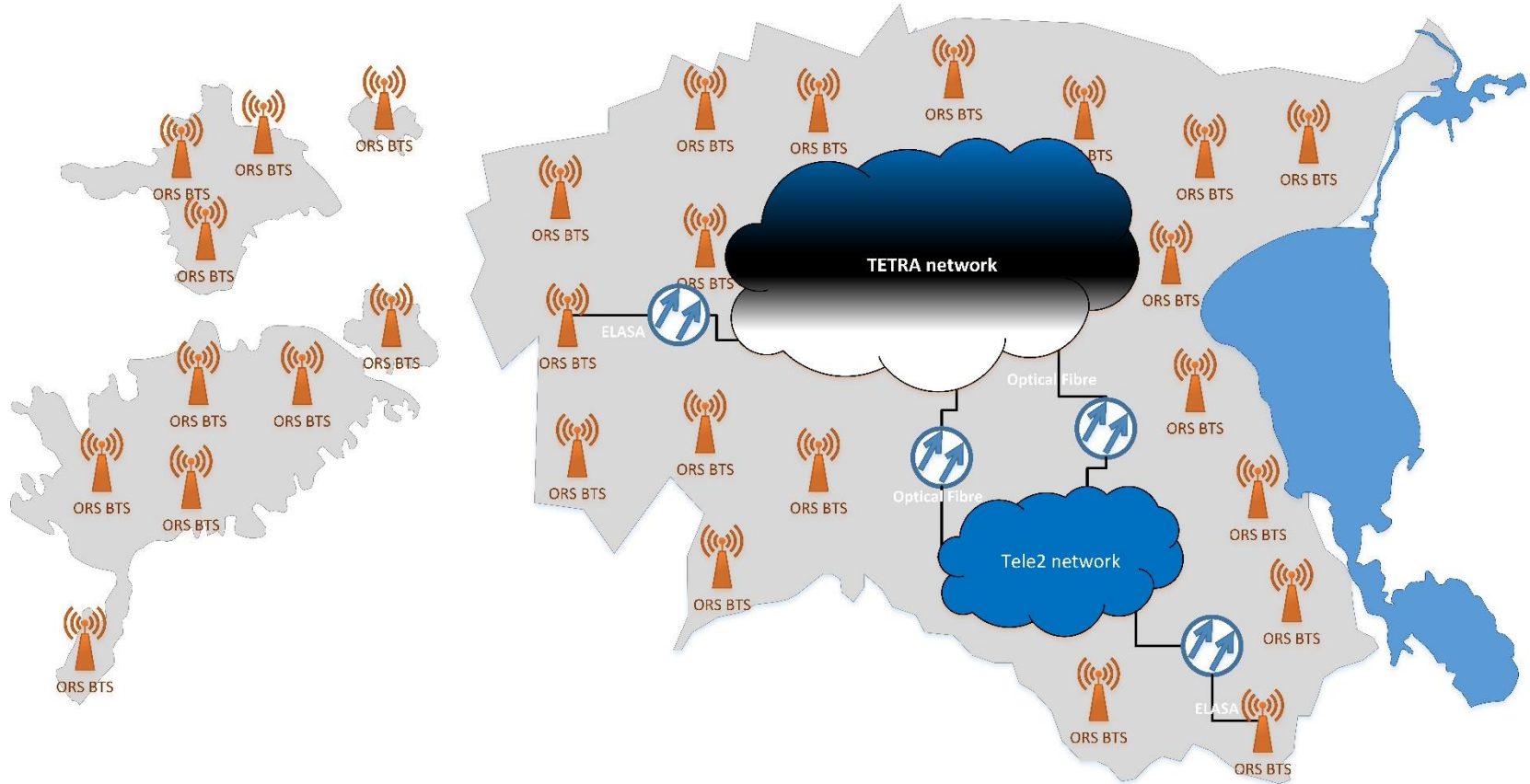


Alajaamade side



- Juhtimiskeskus
- Scada serverid
- Transmissiooni võrk – andmeside, PDH/SDH
- Edastuskanalid – optika, raadio, mobiilside, kõrgsagedus üle elektriliini
- RTUd
- Releekaitsmed

Operatiiviraadioside







LAIRIBAFUURUM
2018

AITAH!

ELA

Eesti Lairiba Arenduse Sihtasutus



TELE2