

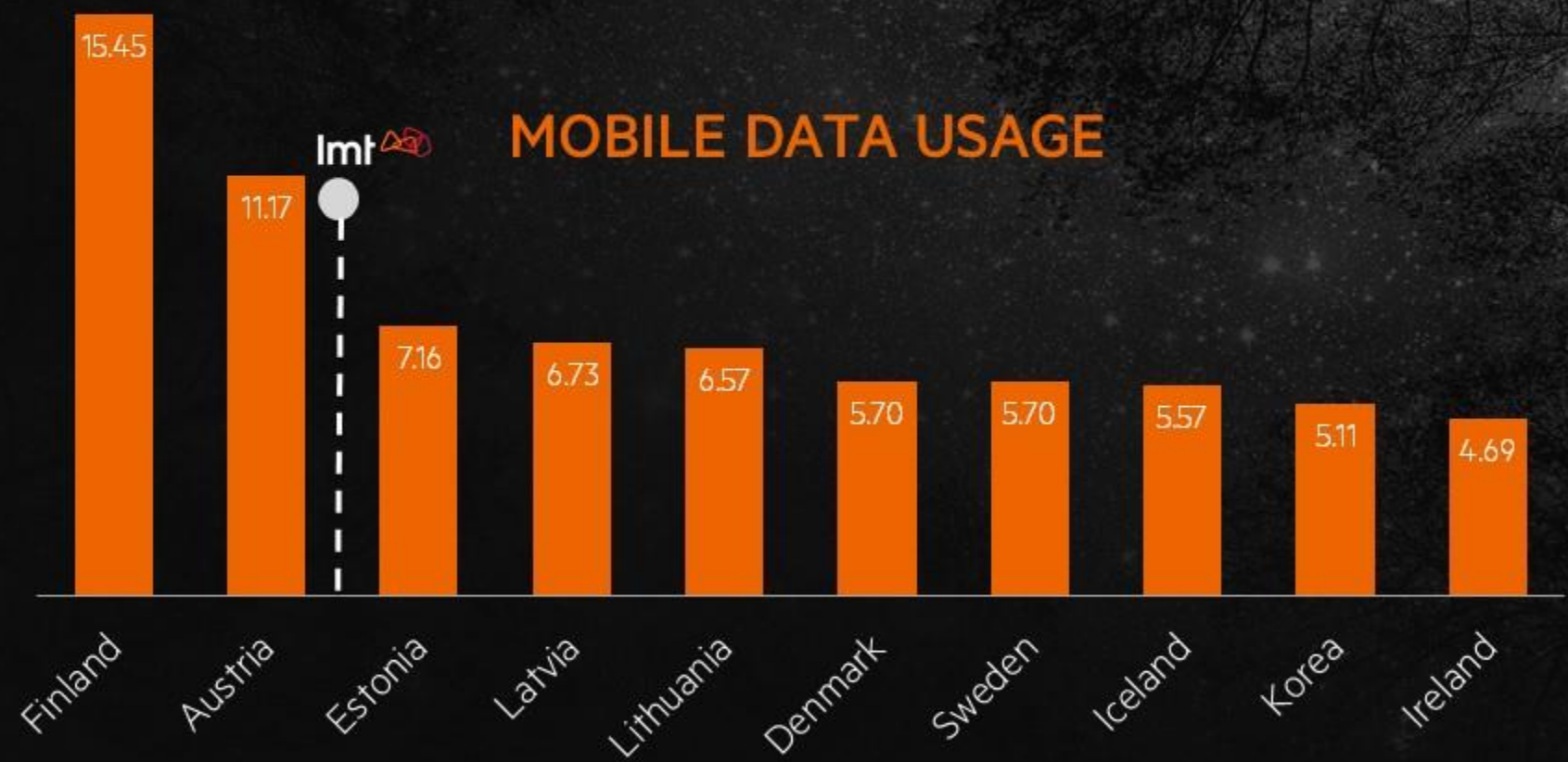


FUTURE OF MOBILE TECHNOLOGIES IN THE ENGINEERING INDUSTRIES OF THE BALTIC SEA REGION

— — — —

Ingmārs PŪĶIS, Vice President, Latvijas Mobilais Telefons

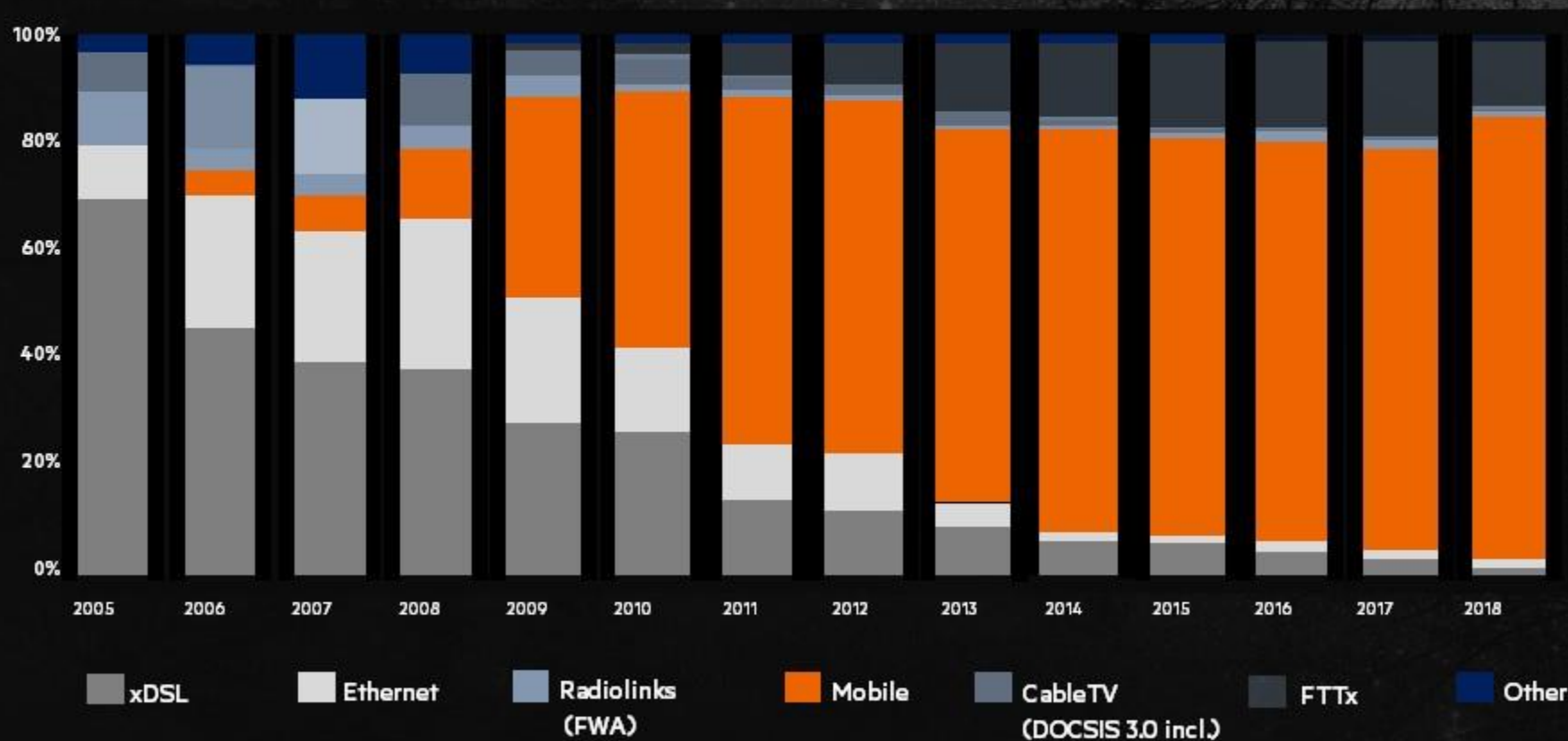
 **Baltic sea region – full of digital champions**



■ GB per month, per mobile broadband subscription

Source: OECD 2018

Mobile internet overtakes fixed



Source: SPRK

∞ timeline



Voice flat rate
2012



No terminated
agreements
2014



Voice flat rate
in any EEA
2017



Unlimited Mobile
broadband
2013



Unlimited Mobile data
for smartphones
2015



The role of mobile network changes

Imt





From ego-system to eco-system

Imt 



**Mobile
operator**



LMT - digital service provider

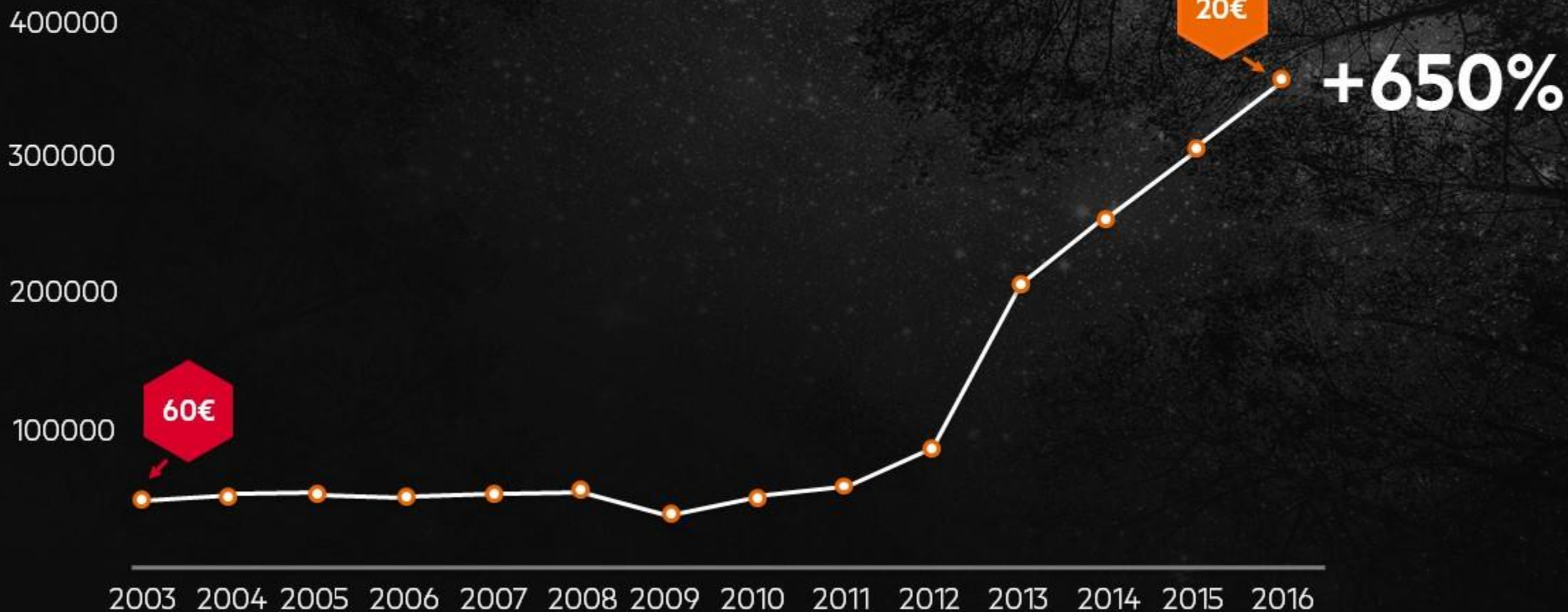
lmt 





Sensor market dynamics

Simple sensor volume trends in Europe





Latvia is 5G ready

Imt 



→ 1.4 Gbit/s

→ 4 ms

Riga, 5G Techritory 27.-28.09.2018





5G effect in business

Imt 



Internet of
everything

+



Biga data

+



Networking

=

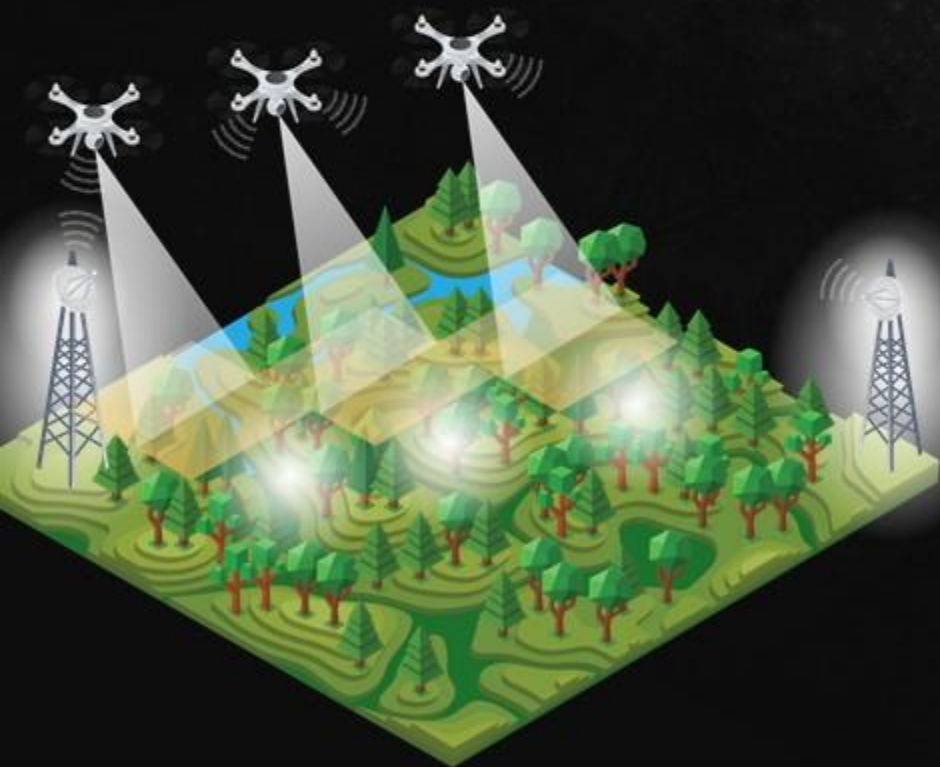


Innovations

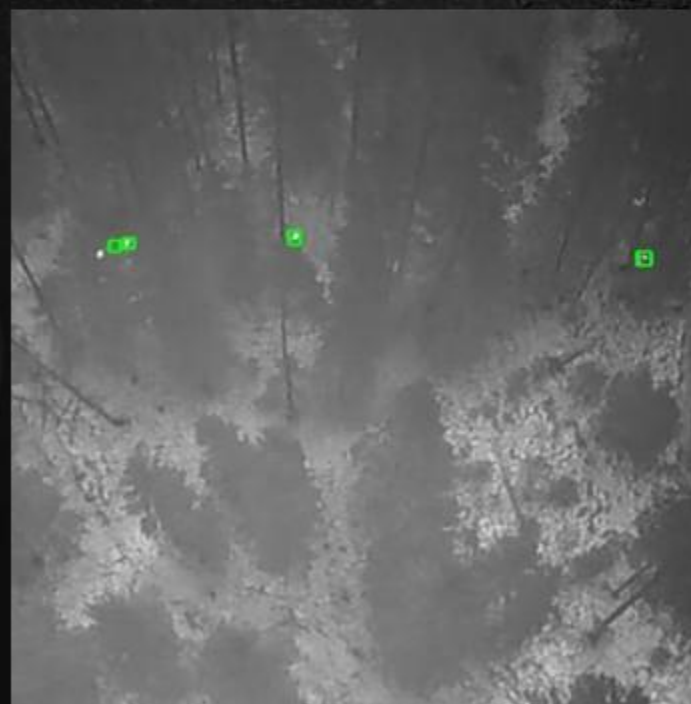


Sensor services

DRONES



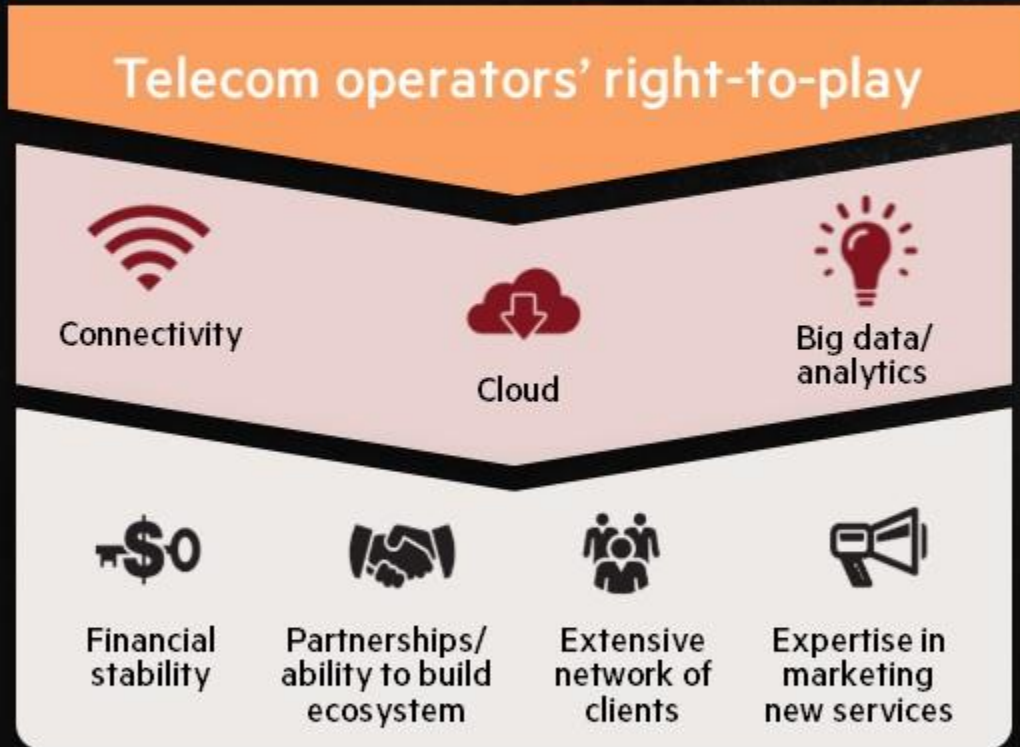
COMPUTER VISION



C-ITS



Drones as a Service



Computer vision



*Aurora-Borealis
Salmon road*

Tromso

Air Silk Road

Tampere

Turku

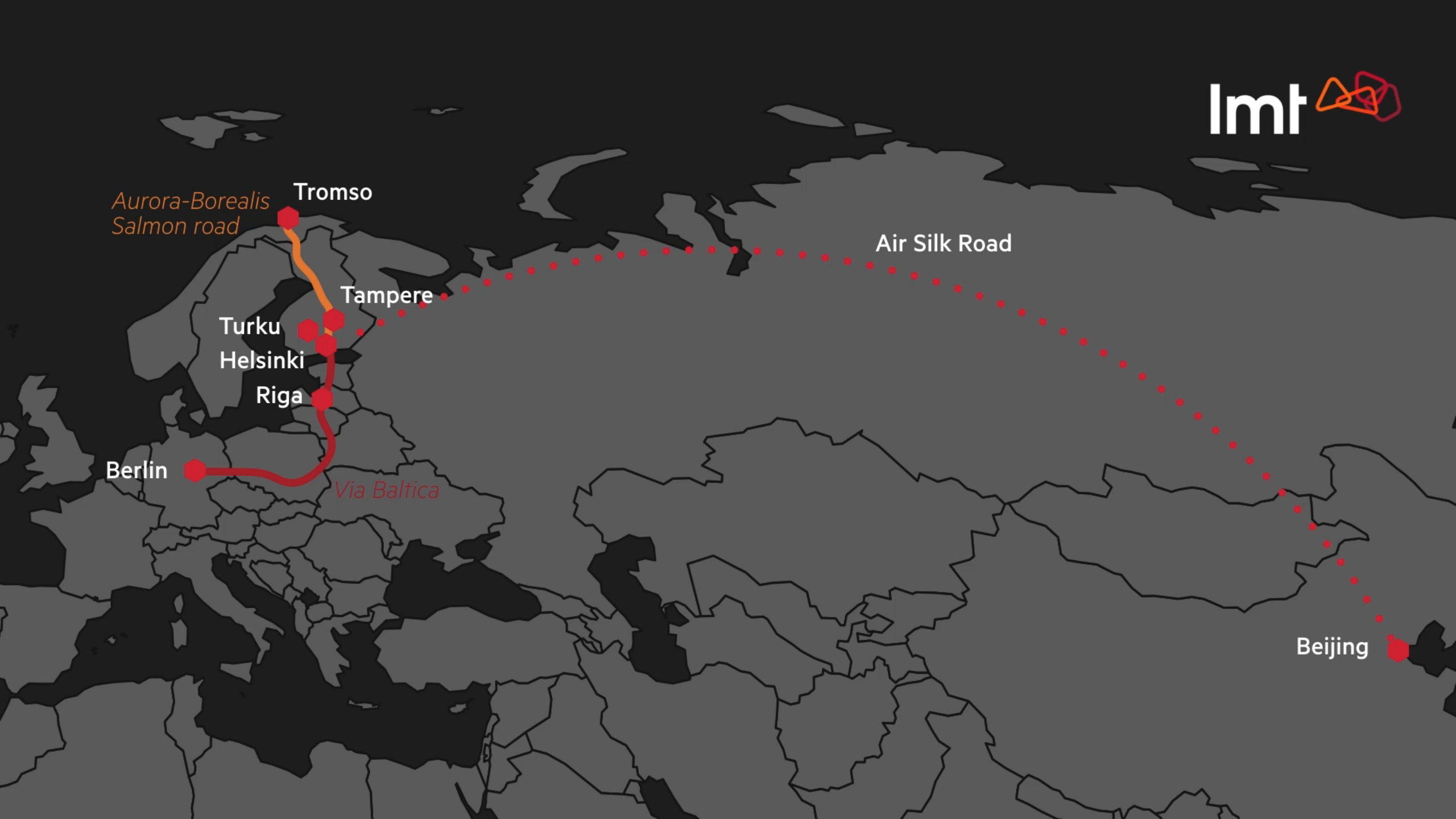
Helsinki

Riga

Berlin

Via Baltica

Beijing



DIGITAL BALTIC ROAD

- Cross-border system integration
- C-V2X tests
- Ability to share & use data from multiple sources
- Measurable results in terms of improved logistics & road safety

C-ITS



**DIGITAL BALTIC ROAD
MEMORANDUM**

311 km

Helsinki – Tallinn – Riga – Vilnius

Phase 2 – Full scale

Helsinki - Berlin



5G effect in business

Imt 



Internet of
everything

+



Biga data

+



Networking

=



Innovations



Sustained communication technology legacy for 100 years



imt 

THE FUTURE
IS NETWORKING

