



LIETUVOS RESPUBLIKOS  
**SUSISIEKIMO MINISTERIJA**

## **Naujosios judriojo ryšio technologijos: tikslai ir priemonės**

**Darius STRAVINSKAS**  
Ministro patarėjas, 2019





European  
Commission



2025



5G plėtros veiksmų planas (2020)



Viename didmiestyje (2021)



Visų miestų teritorijose



Didžiausiuose sausumos transporto keliuose



100 Mb/s namų ūkiuose su galimybe padidinti iki Gb/s



Gb/s socialinės ir ekonominės pažangos varikliams



Tinklo dalijimasis didinant junglumą kaimo vietovėse



Bendras investavimas ir didmeninio verslo modeliai



# 5G Darbo grupė



2019 m.



2020 m.



2021-2027 m.

# SMART CITY



## m2m



### Machine-to-machine

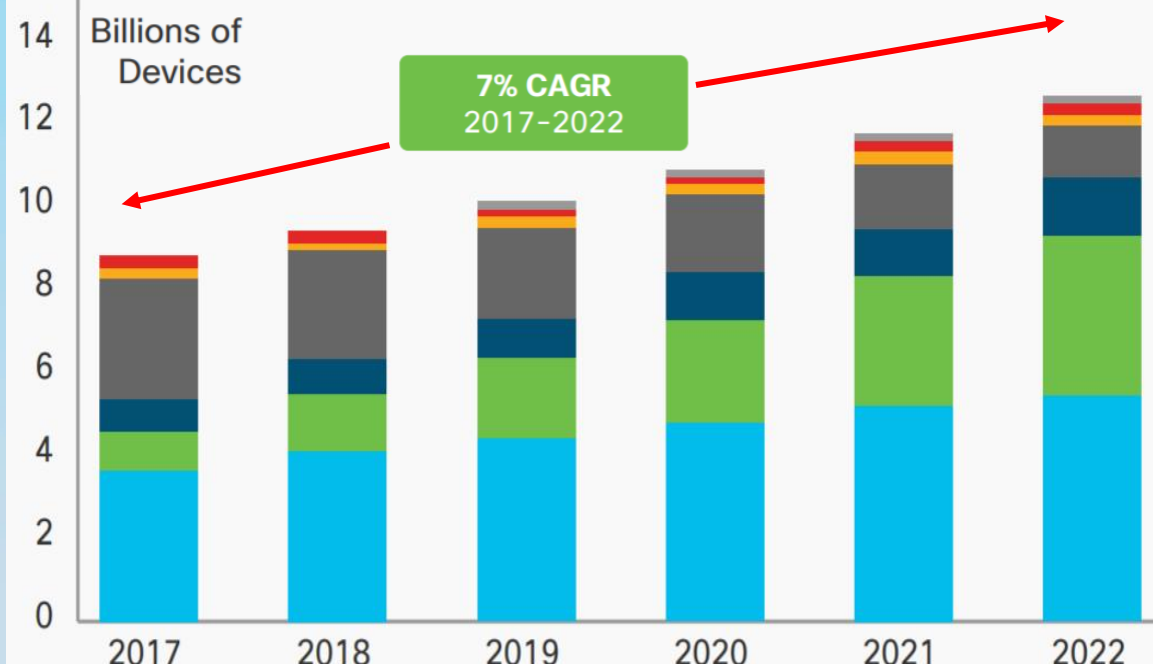


- ▶ Sensors
- ▶ Data
- ▶ Information



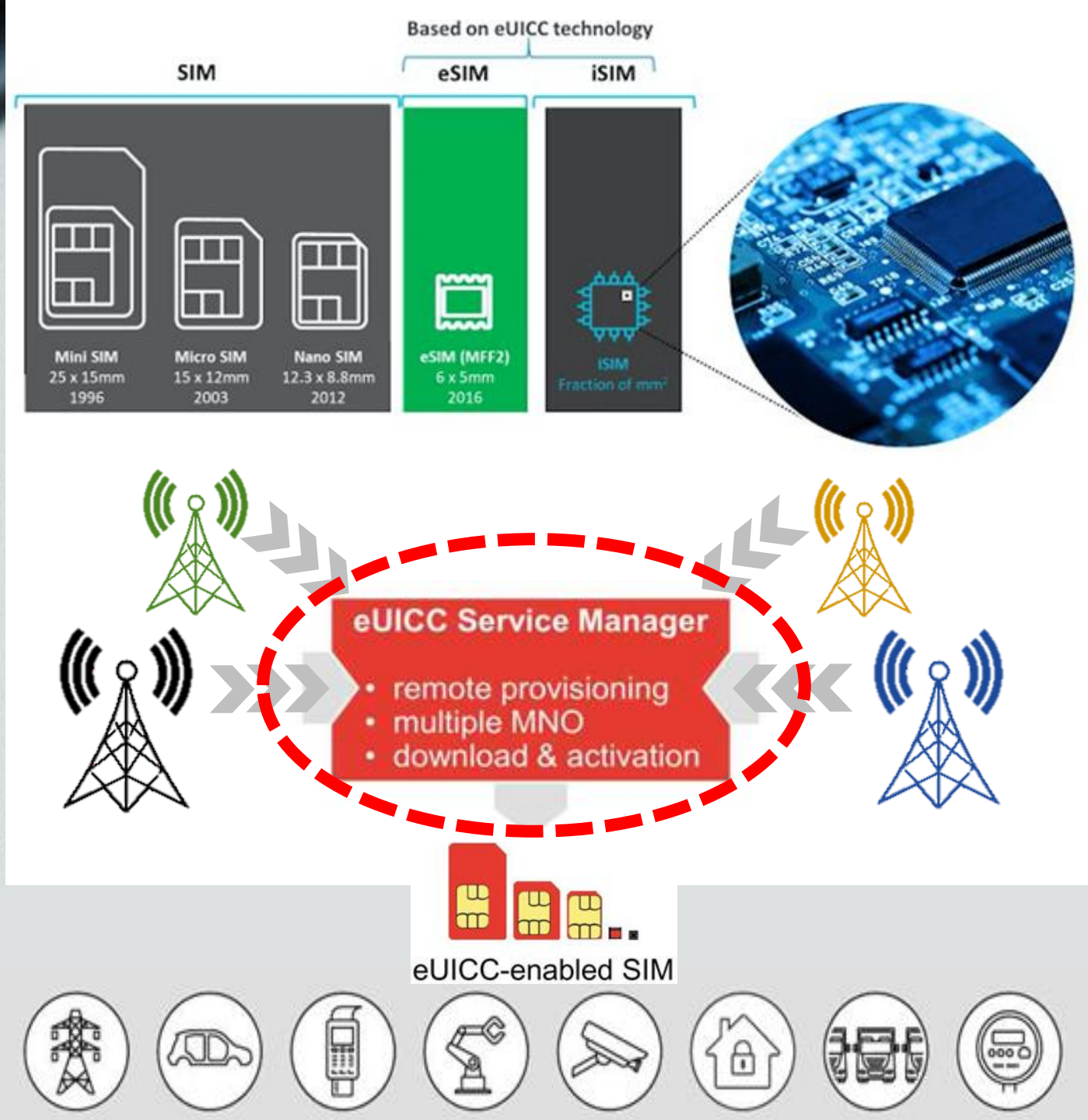
## IoT

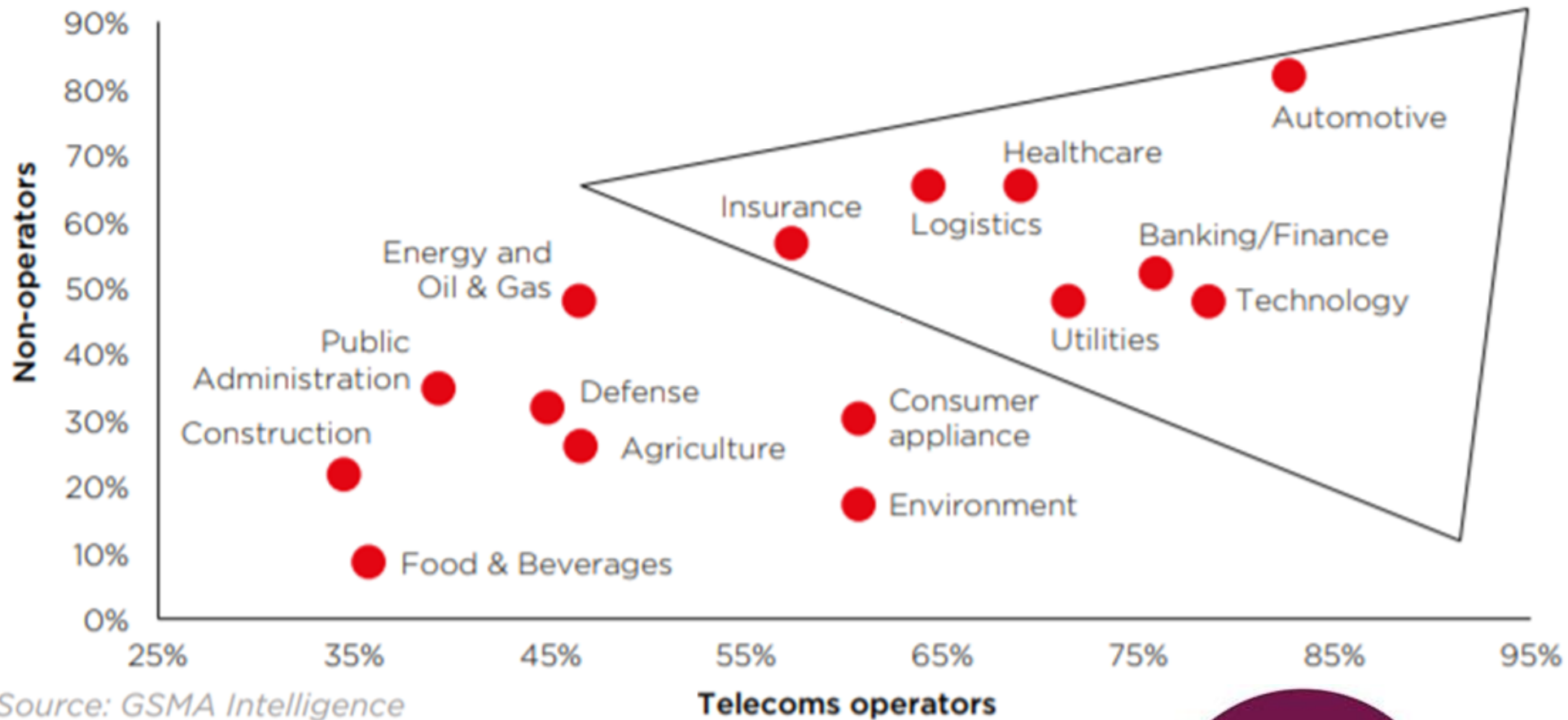
- ▶ End users
- ▶ Devices
- ▶ Wearables
- ▶ Big Data



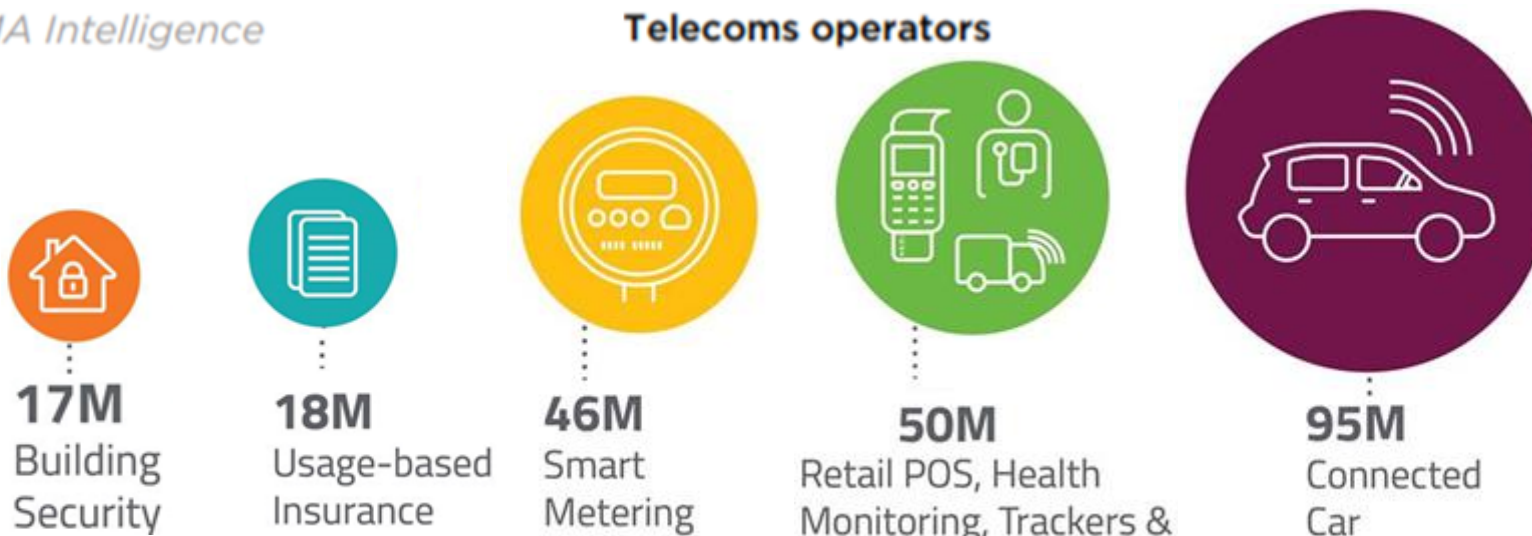
- Smartphones (42%, 44%)
  - M2M (11%, 31%)
  - Phablets (8%, 10%)
  - Nonsmartphones (34%, 10%)
  - Tablets (2%, 3%)
  - PCs (2%, 1%)
  - Other Portable Devices (0.1%, 0.0%)
- Source: Cisco VNI Mobile, 2019







Source: GSMA Intelligence



Gross SIM additions in 2024  
Source: Machina Research



European Commission



Body of European Regulators  
for Electronic Communications

**BEREC**  
OFFICE

CEPT  
**ECC**

Electronic Communications Committee



**truphone**



**eseye**  
INTELLIGENTLY CONNECTED



**NOKIA**  
**gemalto**  
security to be free



# The future is all about eSIM

Quick and easy registration and networking of Internet-enabled devices and cars

My devices (1)



**1** Customer receives contract for five mobile devices, scans the barcode from the contract and thus activates the first device

My devices (2)



**2** Tablet is found via Bluetooth and registered as the second mobile device on the list

My devices (3)



**3** Internet-enabled car with navigation, congestion warning system and infotainment connects to the system

My devices (4)



**4** Camera with WiFi for geotagging and posting on Facebook as the fourth mobile device

My devices (5)



**5** Internet watch with smartphone connection informs via e-mails/SMS and is the fifth mobile device



## TELIA COMPANY LAUNCHES ESIM IN FINLAND



- ✓ Easily use multiple numbers on one phone at a time.
- ✓ Activate instantly - no need to wait for the courier.
- ✓ Changing the operator is even easier and faster.

## SKAFFA ESIM MED TELE2

Du som är eller blir kund hos Tele2 kan skaffa eSIM helt kostnadsfritt. Gäller just nu enbart privatkunder.



- ✓ Simplify surfing, sms and calls abroad
- ✓ Reduced environmental impact with eSIM
- ✓ Combine the job and private subscription in a phone

# eSIM 5G LEADERS

FOLLOWER

FOLLOWER

