

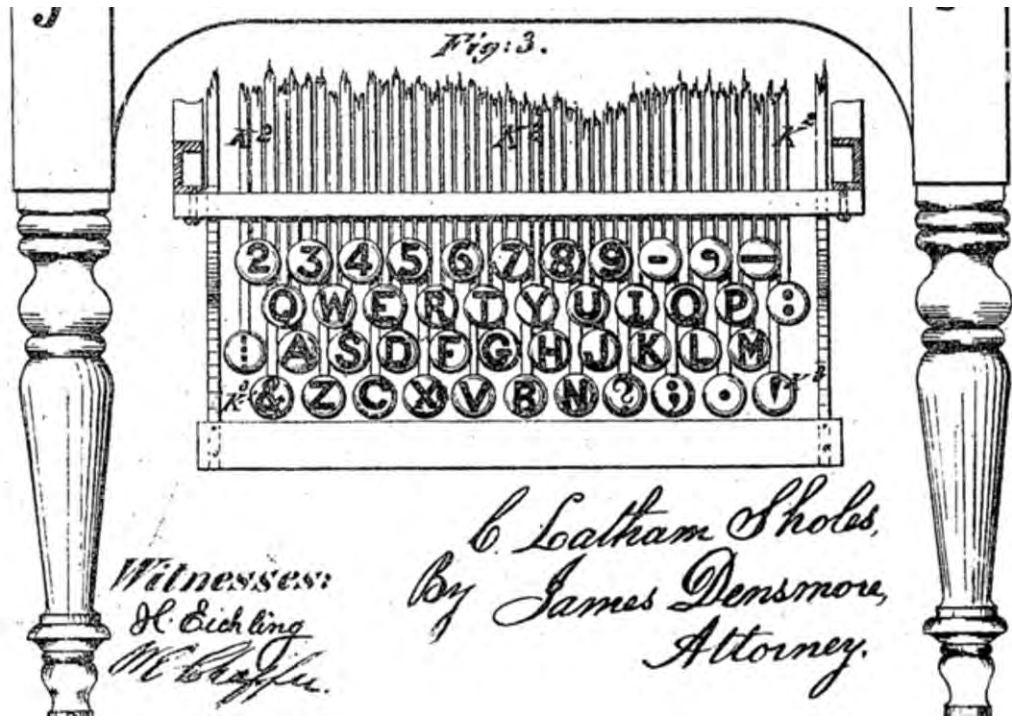
# NOKIA

## Sääntely ja standardit kilpailukeinona

16.4.2026

Karol Mattila

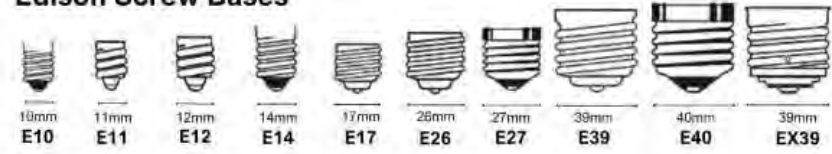




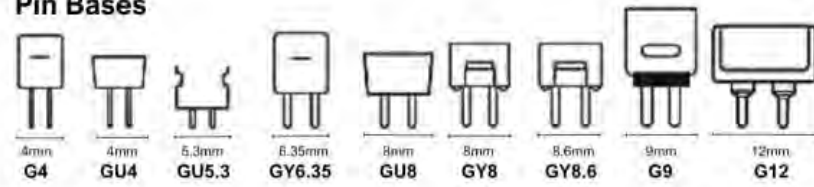
*Witnesses:*  
*H. Eichling*  
*M. [unclear]*

*C. Latham Sholes,*  
*By James Densmore,*  
*Attorney.*

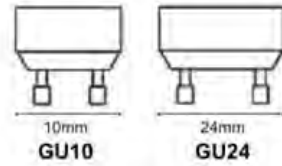
### Edison Screw Bases



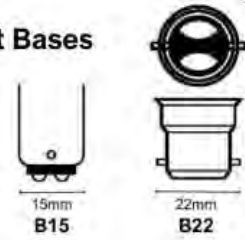
### Pin Bases



### Twist and Lock



### Bayonet Bases



**VHS**

VS

**β**





The world's first ever GSM call took place in Finland, in 1991.

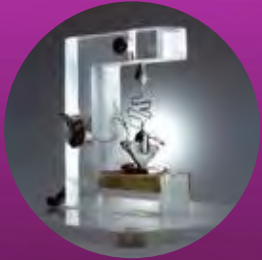


# Nokia leads major industry standards groups

Active in 300 standardization and industry organizations globally, with 100 leadership positions



# Unrivalled track record of driving innovation



Transistors



Information Theory



Solar cells



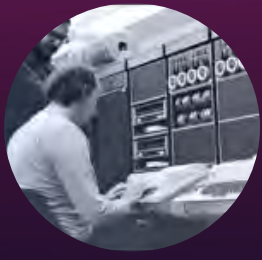
Laser/fiber optics



Satellite communications



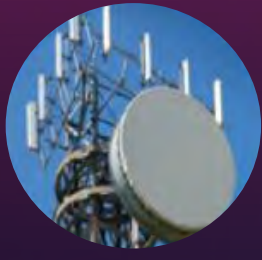
Charge-coupled devices



Unix/C/C++



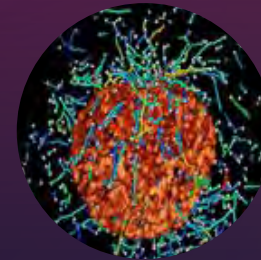
Coherent optics



Cellular communications



Neural networks



Super-resolution microscopy



Multi-antenna systems

# Global recognition for ground-breaking discoveries

10



Nobel Prizes

5



Turing Awards

5



Draper Prizes

14



US National Medals of Science

12



US National Medals of Technology & Innovation

3



Japan Prizes

3



Technology Emmy® Awards

2



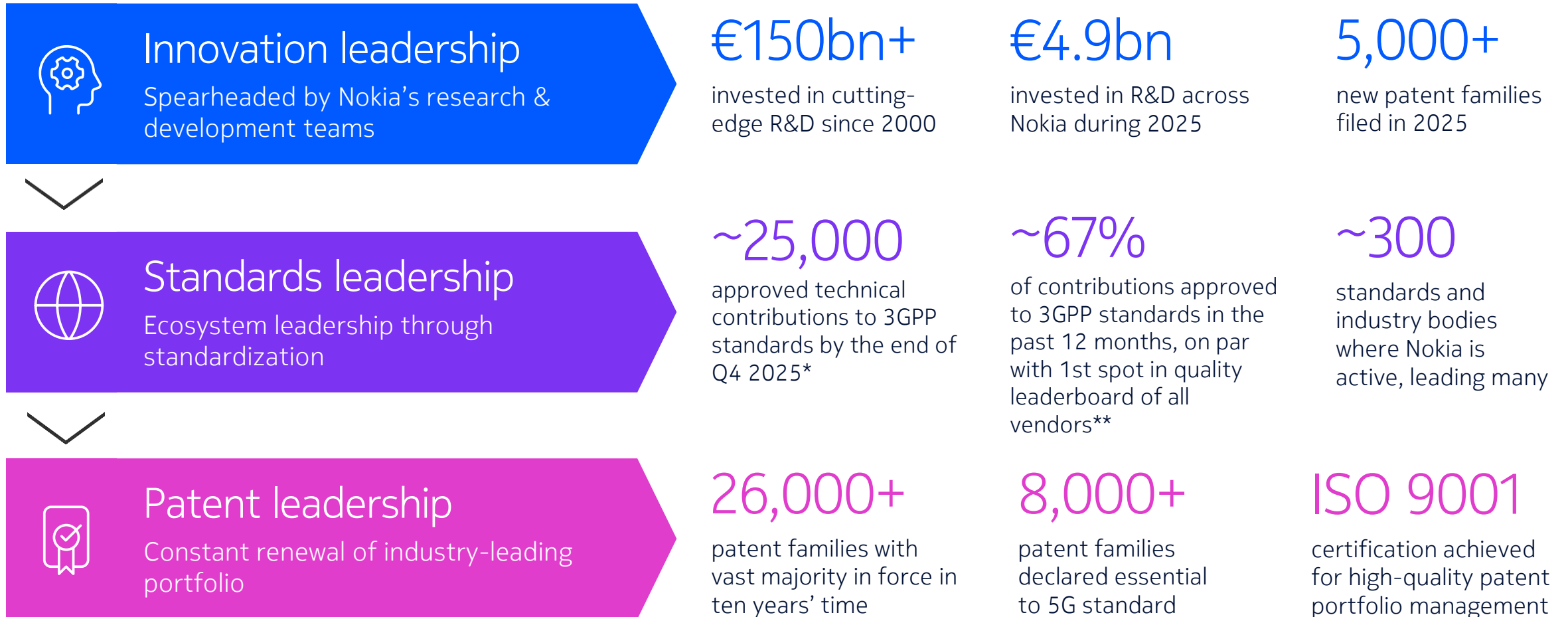
Grammy Awards

1



Oscar

# Holistic approach to technology leadership

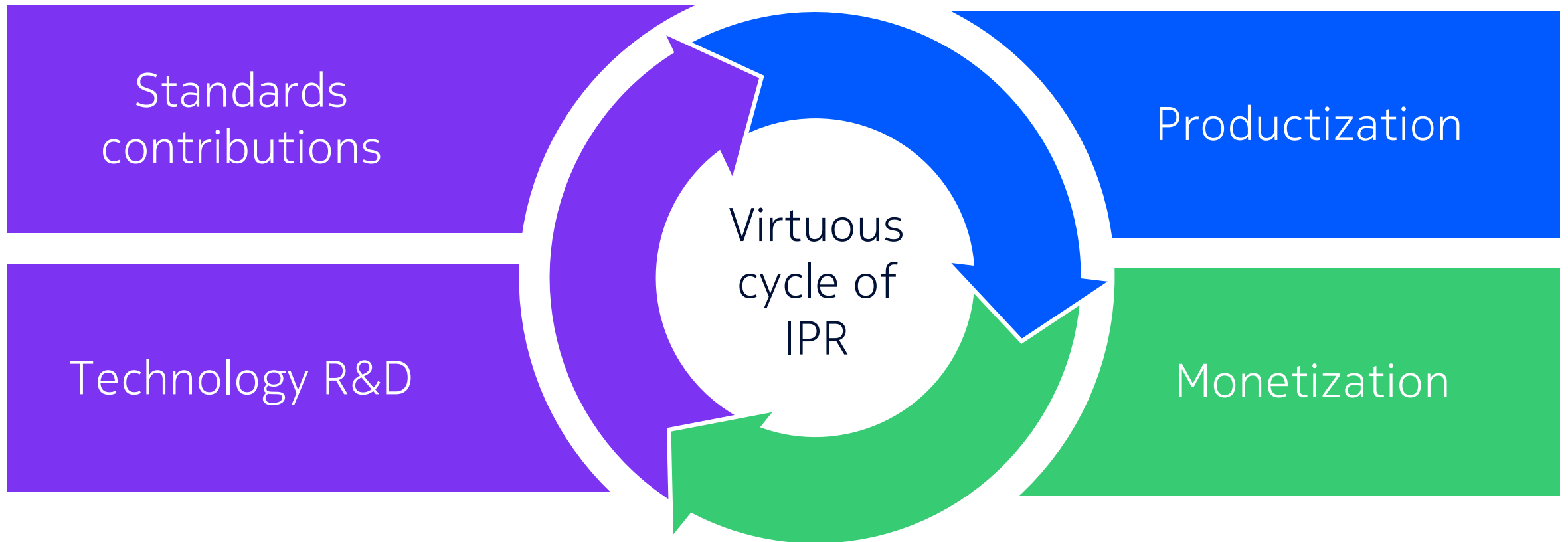


(\*): Reference to IPLytics does not constitute unreserved endorsement (public)

(\*\*): Nokia internal statistics (Q1 2025 – Q1 2026)

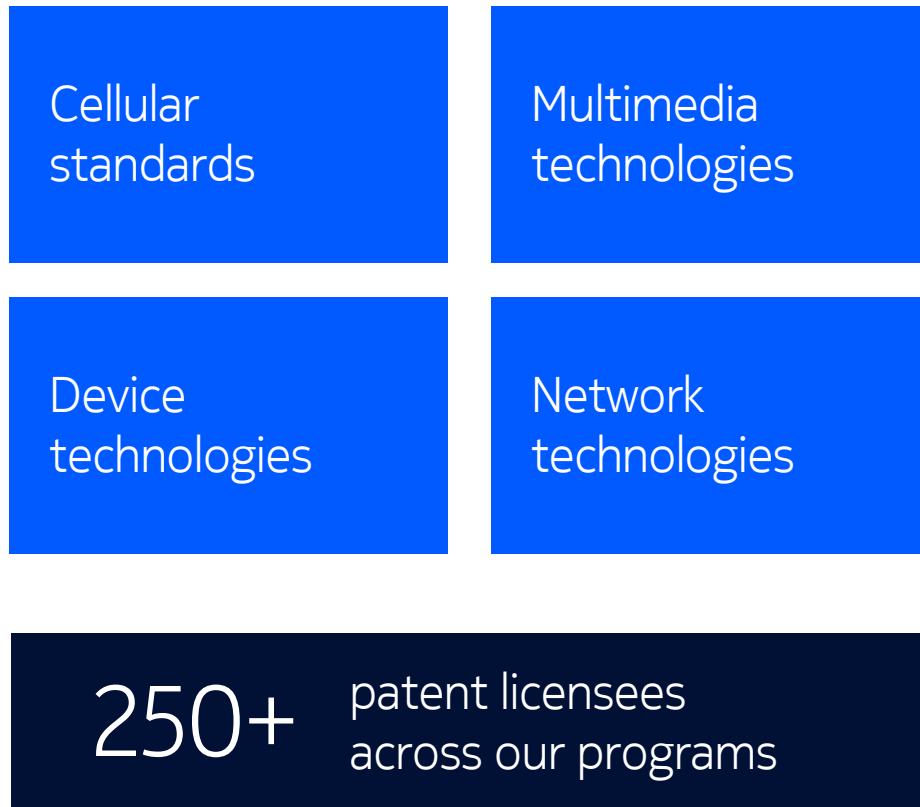
# Nokia's innovation and contribution to standards

Licensing revenues re-invested in developing future standardized technologies

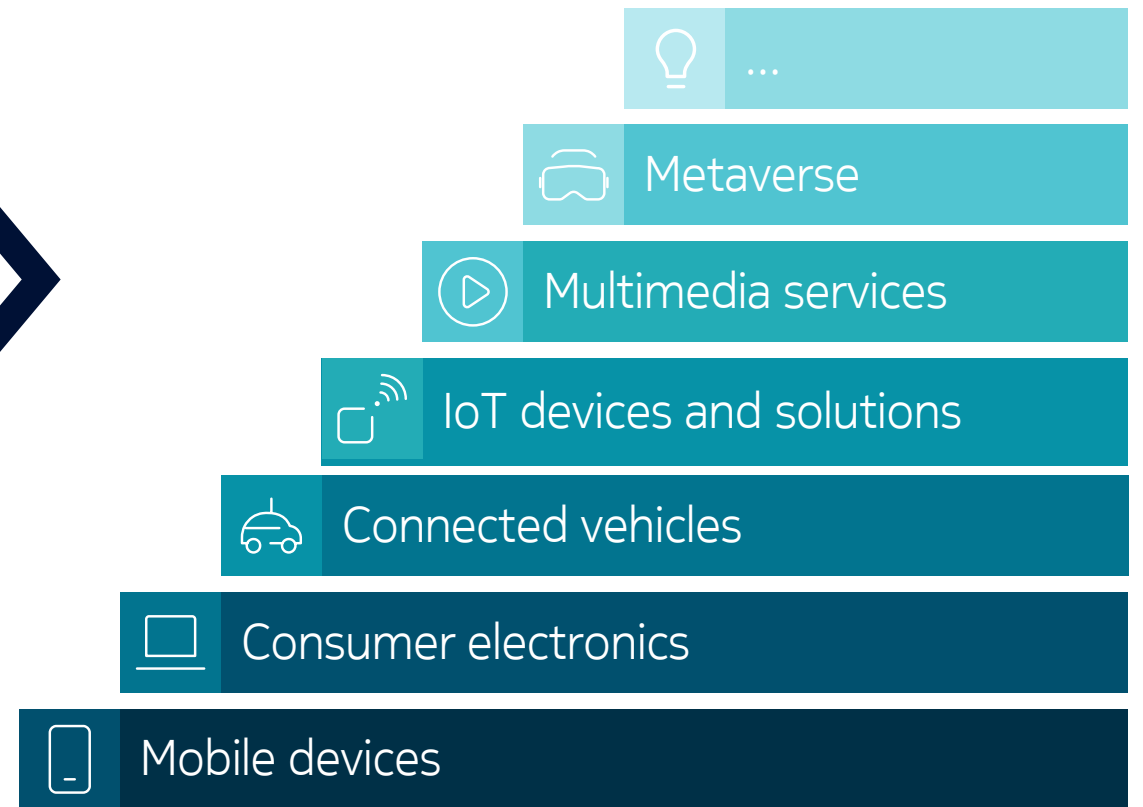


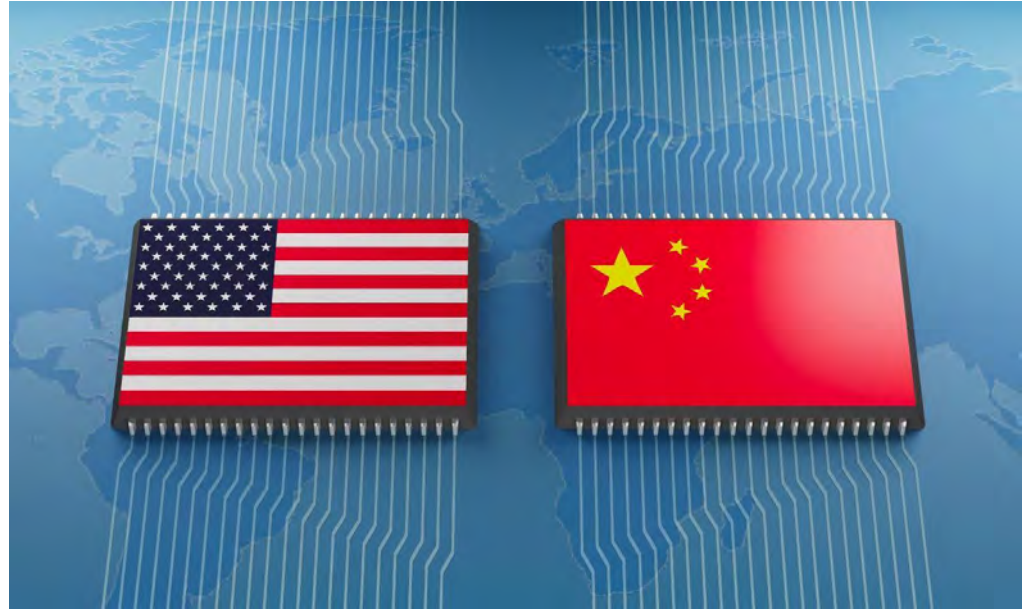
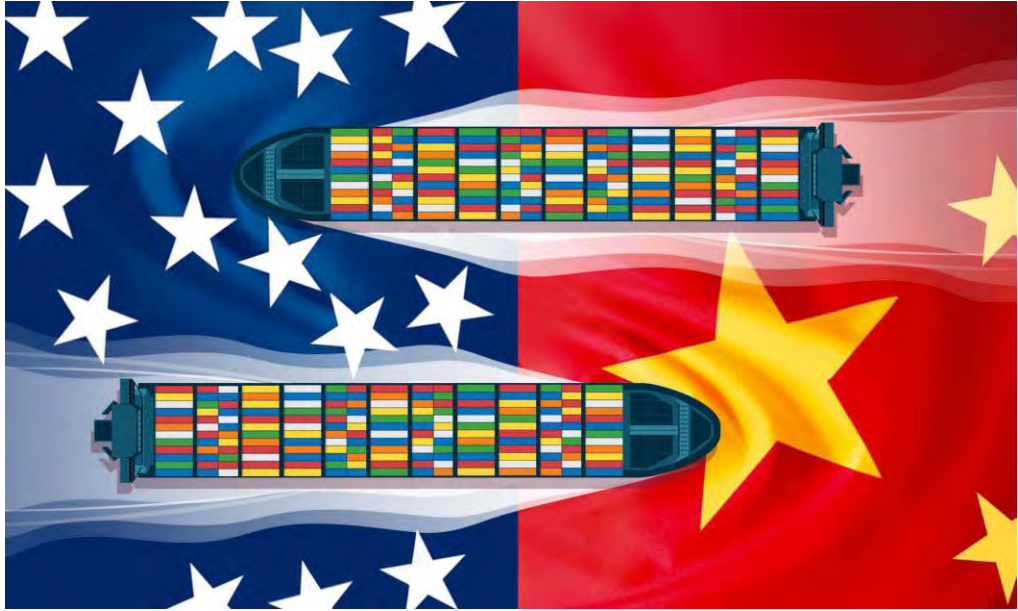
# Our inventions are fundamental and enable entire industries

Our portfolio is widely used ...



... across multiple sectors





TECH

🌐 Europe

## Nokia CEO: ‘Geopolitical tensions shouldn’t fragment the world. Here’s why machines need to speak the same language, even if people don’t’

By Pekka Lundmark

June 9, 2023, 5:34 AM ET

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Nokia CEO Pekka Lundmark.  
COURTESY OF NOKIA

RECLAIMING LIBERTY,  
HUMANITY, AND DIGNITY IN  
THE DIGITAL AGE





TECHNOLOGY, MEDIA & TELECOM 2026

## Jensen Huang: Compute Is the New Economy

Mar 17, 2026

At the Morgan Stanley Technology, Media & Telecom Conference, NVIDIA CEO Jensen Huang observed that compute has become the foundation of the modern economy—powering intelligence, revenue and GDP. In a fireside chat with Morgan Stanley Co-President Dan Simkowitz, he outlined AI's shift to agentic systems and why efficiency, measured in tokens per watt, is now a defining CEO level growth decision.



Article • AI

## Elon Musk: Is Energy the New Currency of the AI Era?

By Jasmin Jessen

December 11, 2025 • 4 mins



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Elon Musk suggests that the advancements in AI and robotics will create a world where "if you can think it, you can have it". Credit: Getty Images/Joshua Lott.

**Elon Musk's theory of AI abundance suggests that energy will be the true currency making 'working optional and money irrelevant' in a world of TAI**





Työ- ja elinkeinoministeriön julkaisu • Yritykset • 2026:8

# Kansallisen standardointistrategian taustaselvitys



Työ- ja elinkeinoministeriö  
Arbets- och näringsministeriet



Työ- ja elinkeinoministeriö  
Arbets- och näringsministeriet

  
Hae

Etusivu

Vastuualueet

Ajankohtaista

Hankkeet ja säädösvalmistelu

Julkaisut

Ministeriö

Yhteystiedot

TYÖ- JA ELINKEINOMINISTERIÖ / FI / HANKKEET JA SÄÄDÖSVALMISTELU / HANKESIVU

## Kansallinen standardointistrategia

TEM007:00/2026 KEHITTÄMINEN

Pääministeri Orpon hallitus sitoutui laatimaan kansallisen standardointistrategian, jossa määritellään kansalliset standardoinnin painopistealueet ja vahvistetaan standardoinnin roolia suomalaisten yritysten kilpailukyvyn tukemisessa. Suomella ei ole aiempaa kansallista standardointistrategiaa.

### Hankkeen perustiedot

KÄYNNISSÄ

Hankenumbero

TEM007:00/2026

Toimikausi/aikataulu

1.2.2026 – 31.12.2026

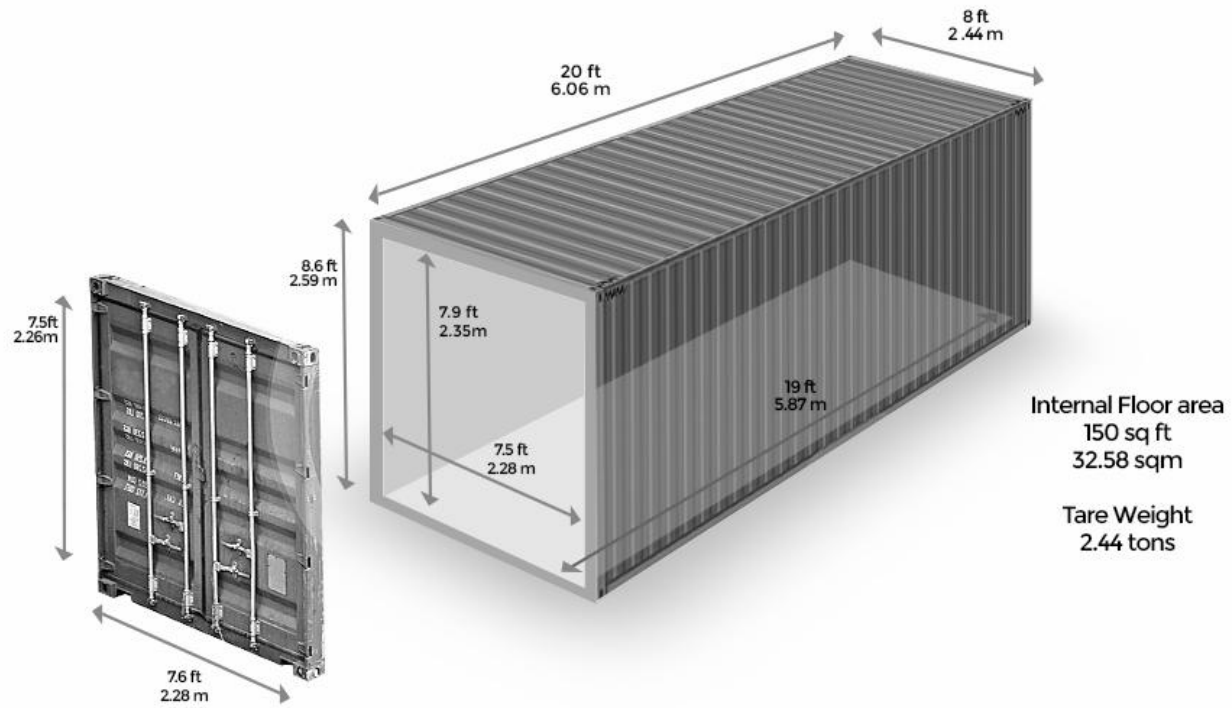
Asianumerot

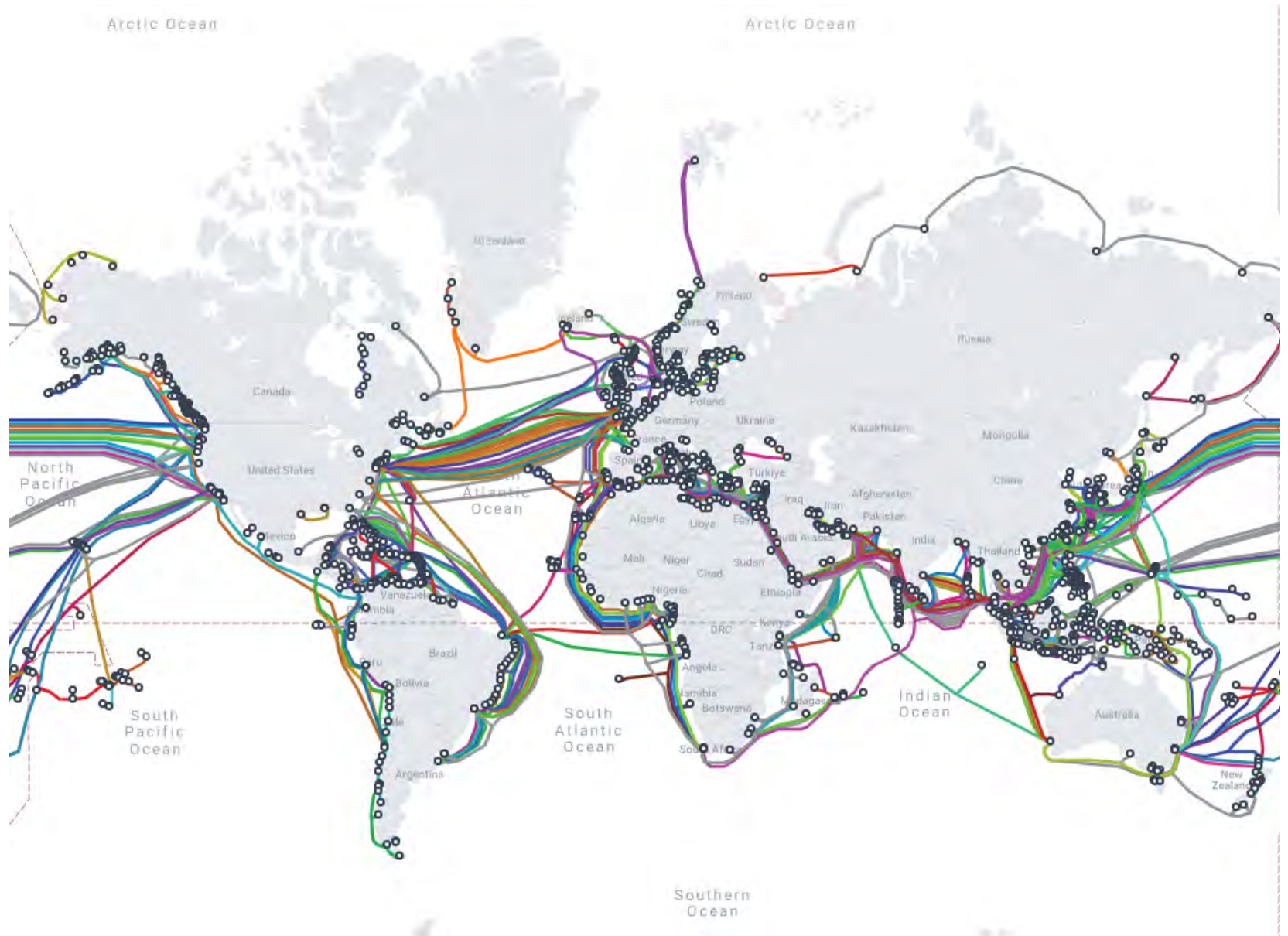
VN/37182/2025

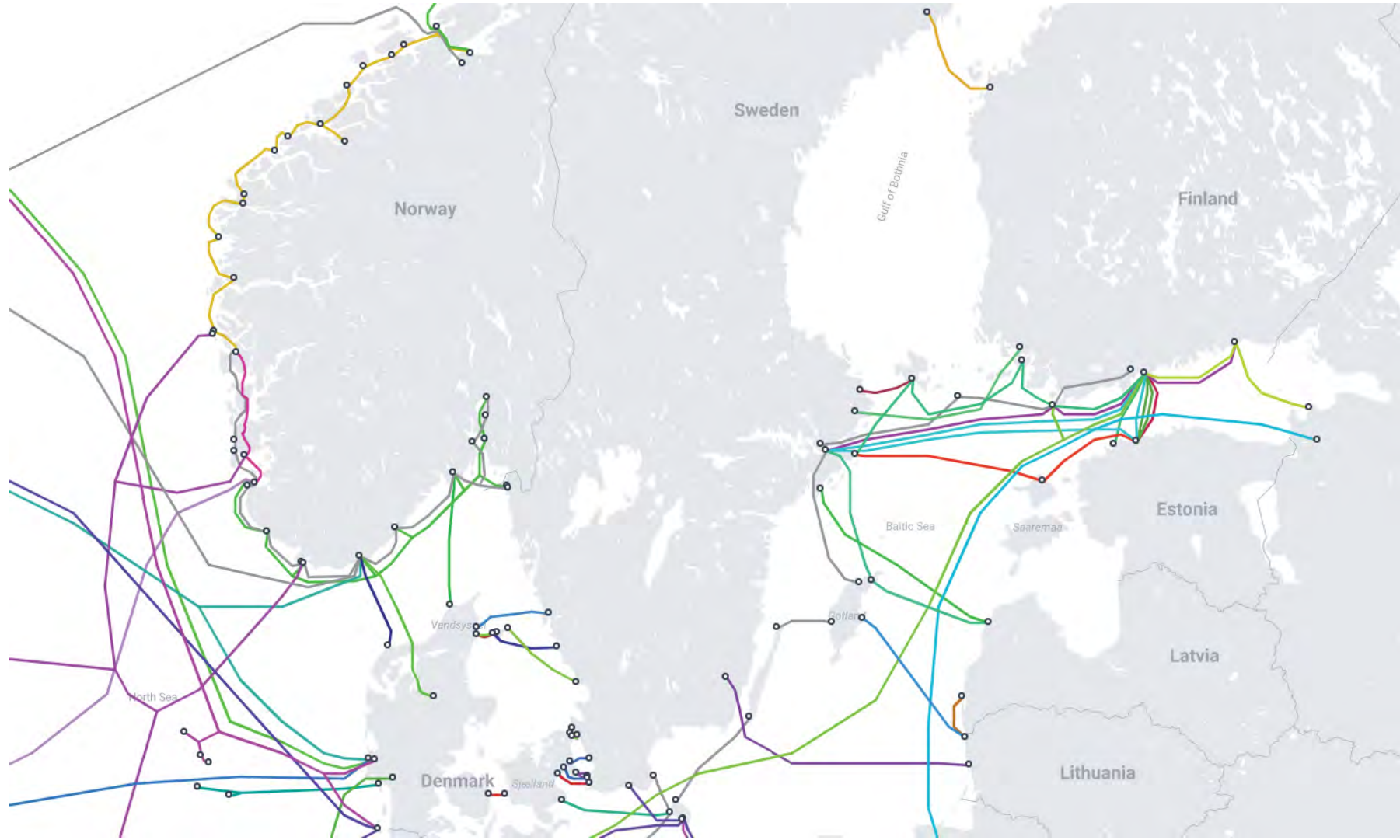
Asettamispäivä

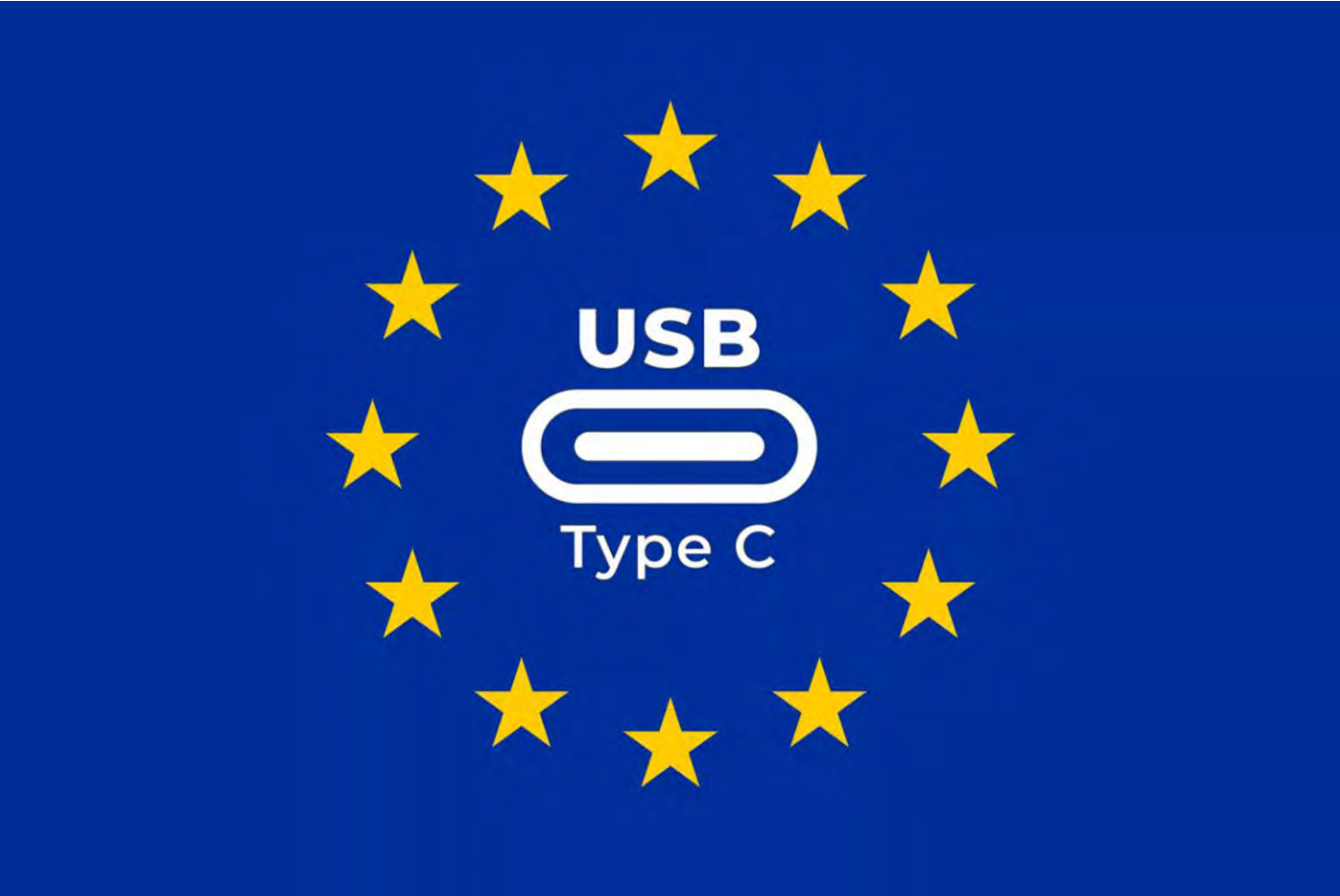
Asettaja

työ- ja elinkeinoministeriö









NOKIA