

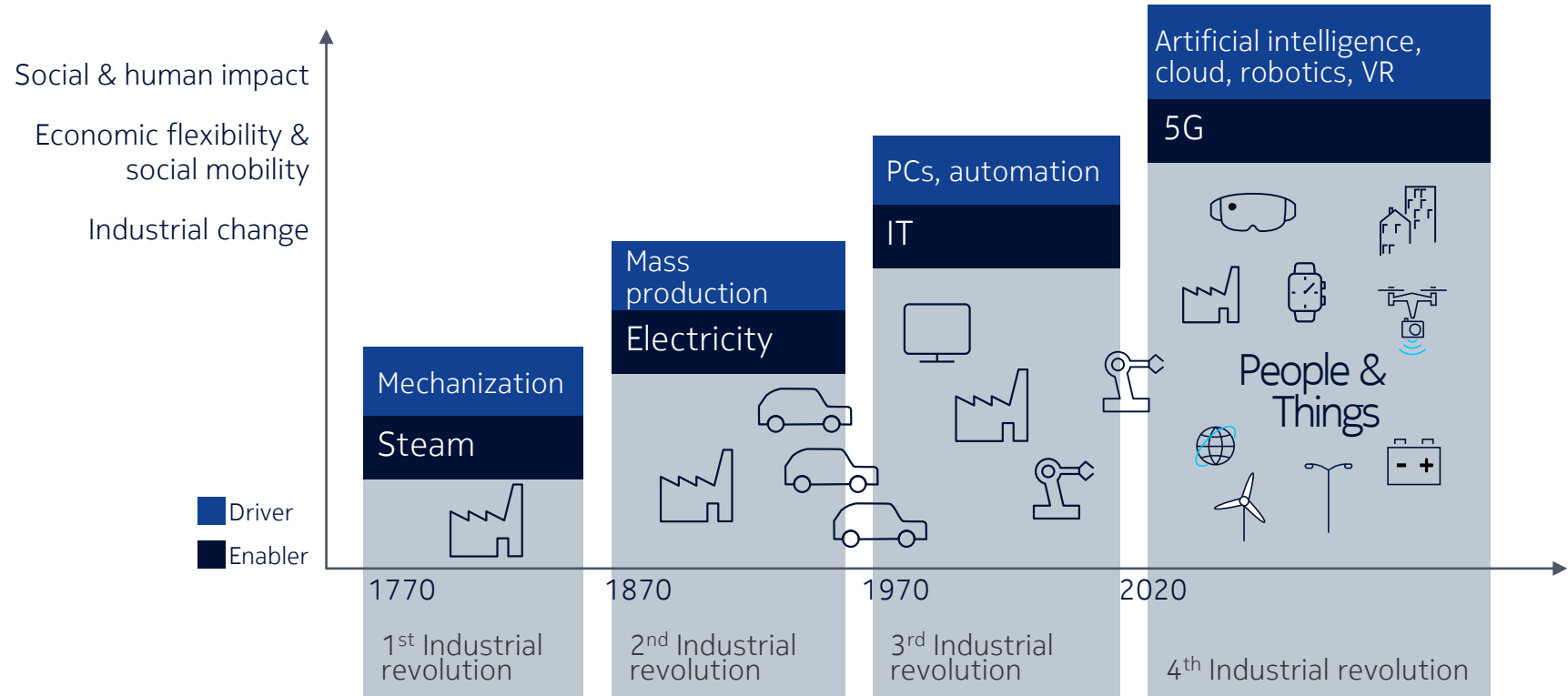
# Innovation driving Industry 4.0 And Beyond...

Nektaria Kalogeropoulou

Transportation, Energy & Public Sector

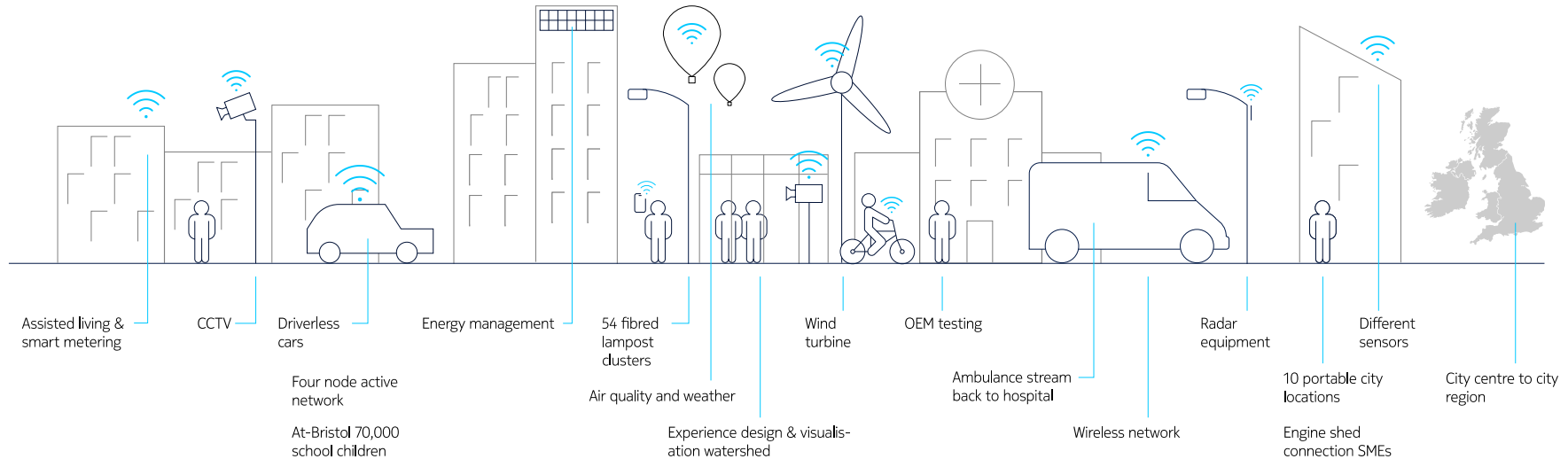
Patra, July 2018

# Convergence of megatrends creates a perfect storm for the need of 5G



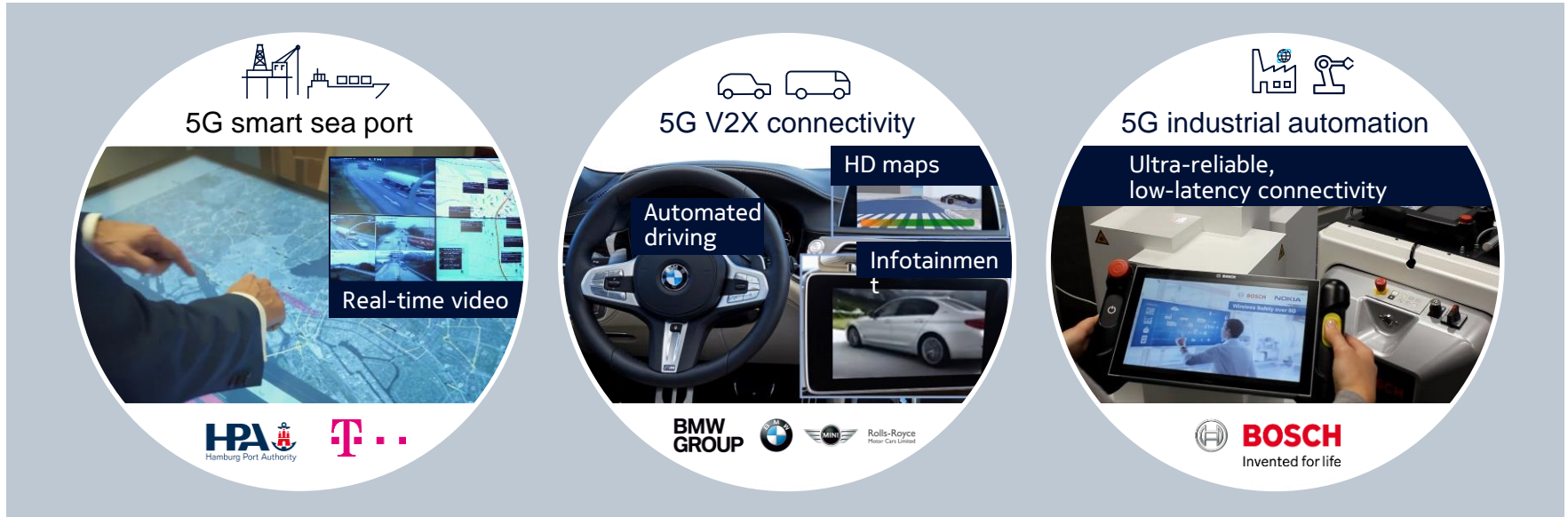
# City example: Bristol open programmable city

Bristol City Council, Bristol University, Partners (Nokia e.a.)



Big data generation

# Speed of innovation with the wider ecosystem



Traffic lights management,  
data processing from mobile  
sensors and virtual reality

Different automotive and  
public safety slices running  
over the same network

Coupling advanced interactive  
robots with wireless perimeter  
intrusion detection

# A technological disruption...

The Internet of things is opening a wide area of possibilities to help cities address these challenges.

## ... which still looks for the models of execution

Beyond concepts and pilots, how to develop at scale?

How to leverage new IoT and 5G based data into actionable intelligence?

Nokia supports governments navigate in this complex (r)evolution to build a sustainable initiative that deliver on its promises.

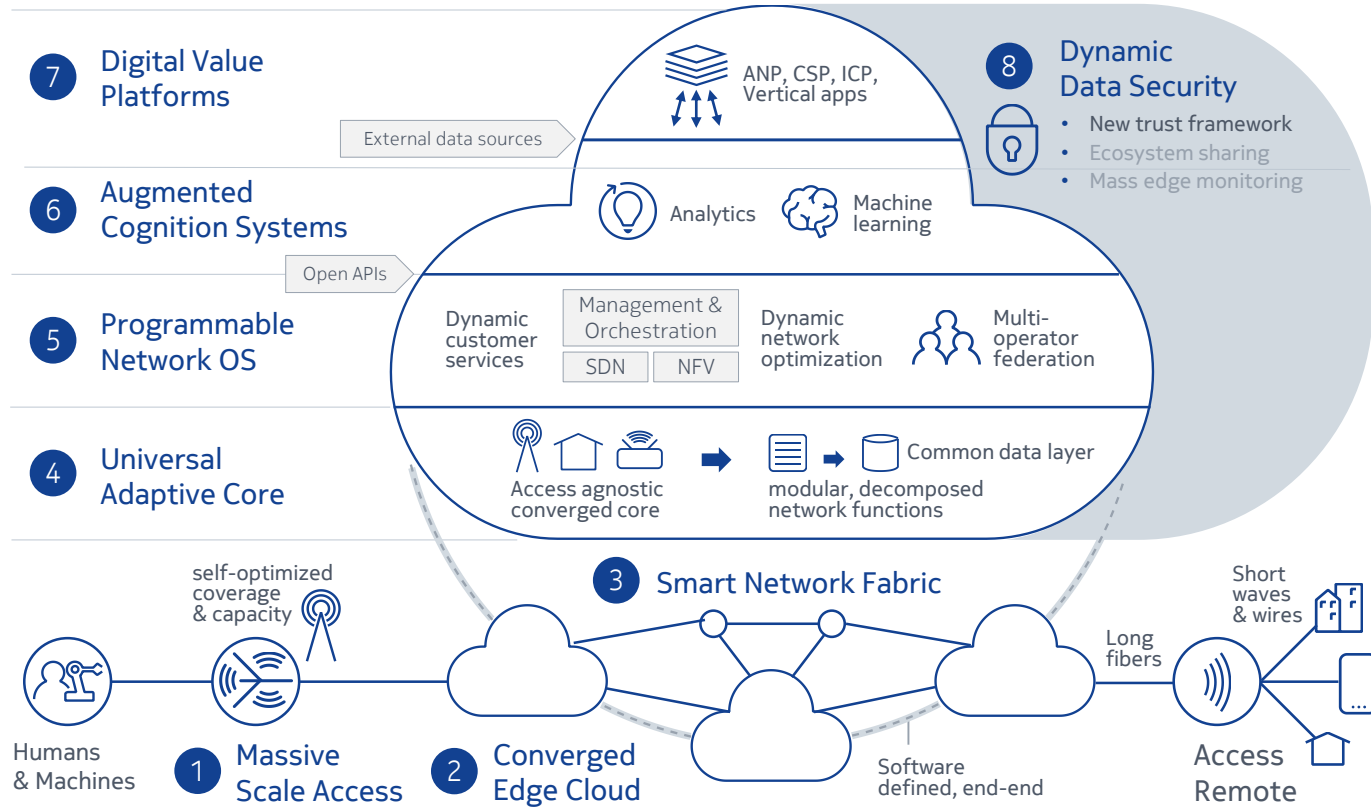






Think horizontal, real time  
& context aware

# The Future X Network by Bell Labs



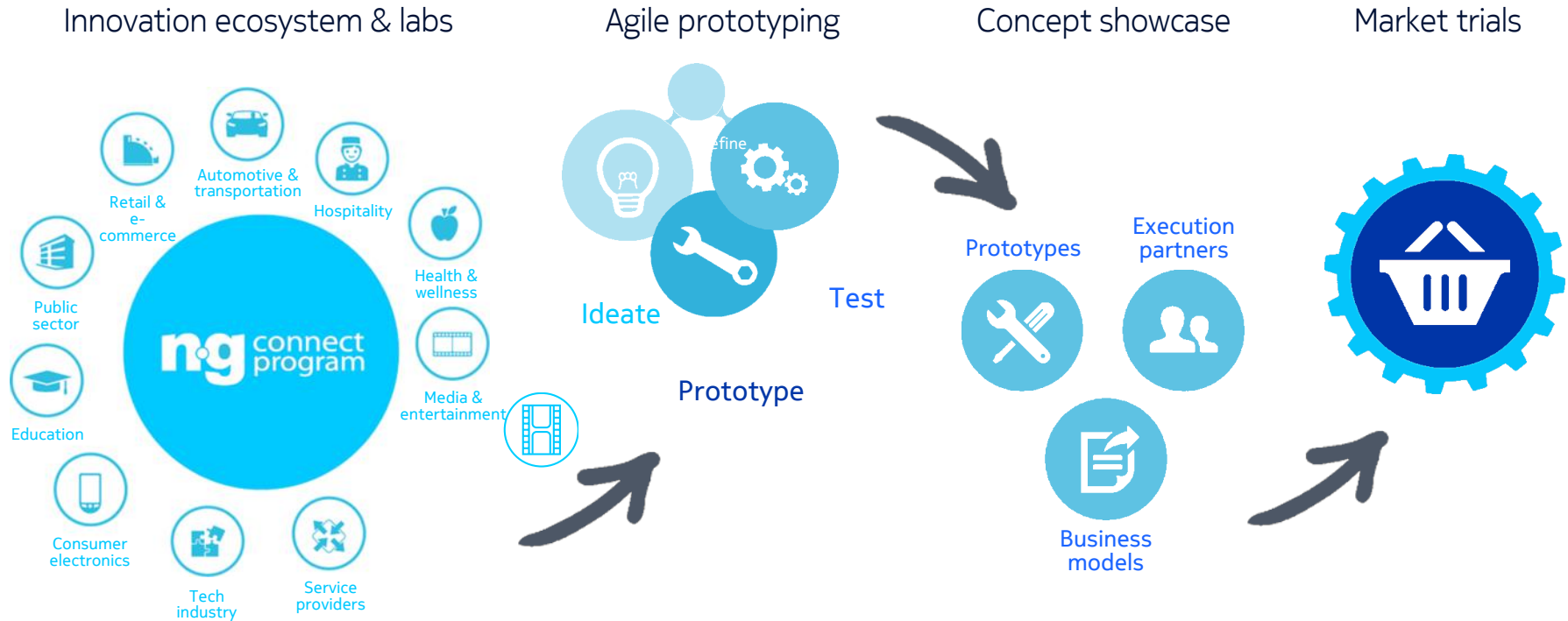
A young boy with brown hair, wearing a blue hoodie, is seen from behind, sitting on a balcony or ledge. He is looking out over a body of water towards a city skyline at dusk or dawn. The city lights are blurred in the background, creating a bokeh effect. The text "Think local" is overlaid on the left side of the image.

# Think local



# City applications: drive your local economy

Build an ecosystem of trusted partners for a faster path to innovation



# NOKIA Athens site

**Among Top**  
corporations\* in  
Greece according  
to headcount and  
revenues

28 years in  
Greece giving  
vote of  
confidence to the  
Greek economy &  
labor market

**Global**  
Technology  
Center and **#1**  
ICT R&D hub in  
Greece

Well  
recognized  
brand.  
Awarded  
several  
times

**Diverse DNA**  
Nokia, Alcatel  
Lucent, Bell  
Labs,  
Siemens,  
Motorola...

<35 years average age  
35% postgraduates  
30% women  
Fully diverse Country  
Management Team

Consistently  
strong  
Engagement Index  
and strong  
Customer Loyalty  
Index

Collaboration  
with  
Universities  
and  
innovation  
hubs

\* Across all industries & public sector

