



Rijksdienst voor Ondernemend
Nederland

25 years of ITEA roadshow The Netherlands

ADVANCING THE CONNECTED
WORLD

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Jaarbeurs Meetup Beatrixgebouw

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25 years of ITEA roadshow

Participation of the Netherlands in ITEA

FACTS & FIGURES

- > Active in projects since the start of ITEA
- > 178 participating partners
 - ~60% SME
 - ~25% LE
 - ~15% Academia/RTO
- > 131 ITEA projects with Dutch participation, of which 66 are or were led by a Dutch company

GLOBAL IMPACT

- > 20 awarded projects with Dutch participation
- > International collaboration with practically every associated Eureka country

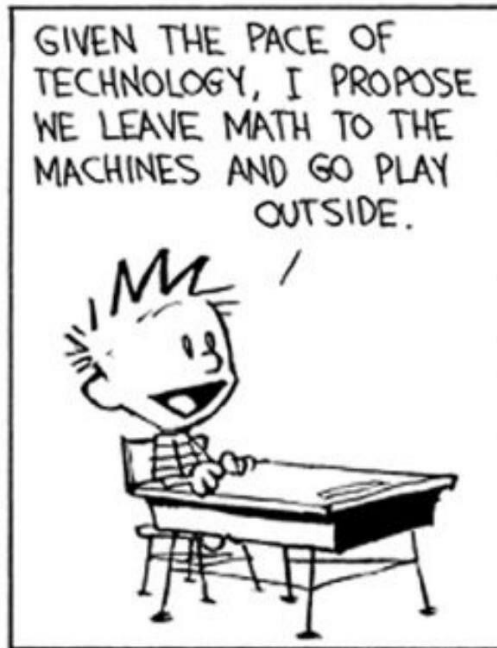


Outlook

- 1 Drivers behind digitalization
- 2 Collaboration is key
- 3 ITEA funding opportunities
- 4 Differences between ITEA and KDT
- 5 Why participate

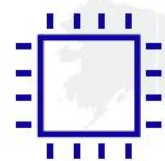


Our lives are getting easier ... whilst supporting innovations are becoming more complex





The world is changing fast *and* technology can help unlock the potential



Connected world



Cloud infrastructure



Artificial intelligence



Hyperconnectivity



Edge computing



Climate change and resource scarcity



Energy transition



Electrification, smart mobility



Agricultural innovation



Smarter use of limited resources



Social and economic shifts



Working, learning remotely



Healthcare, medical tech



Technological sovereignty



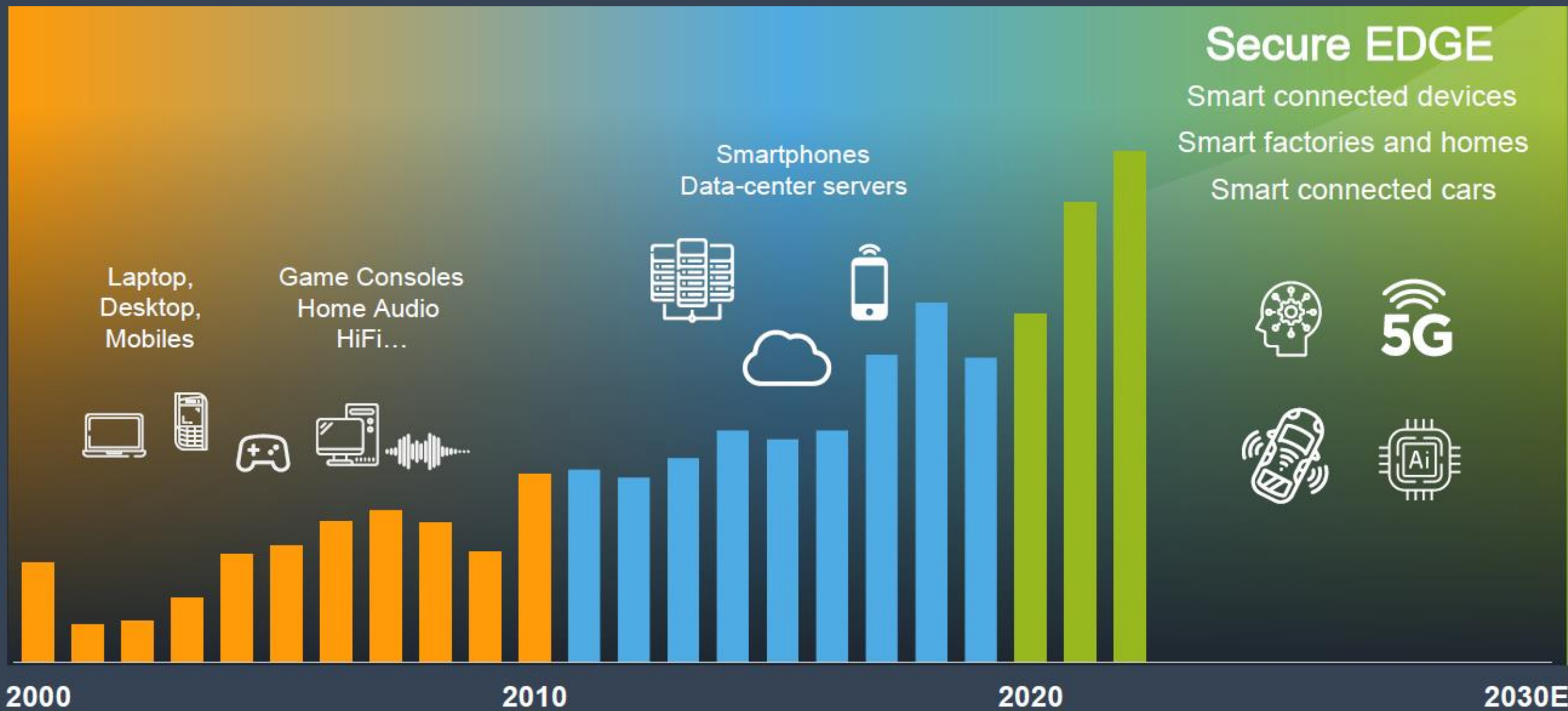
Automation

“In the past decade, the software sector has grown at twice the rate of the aggregate of all industries”

- S&P Global as of October 2021

Source: ASML investor day 2022

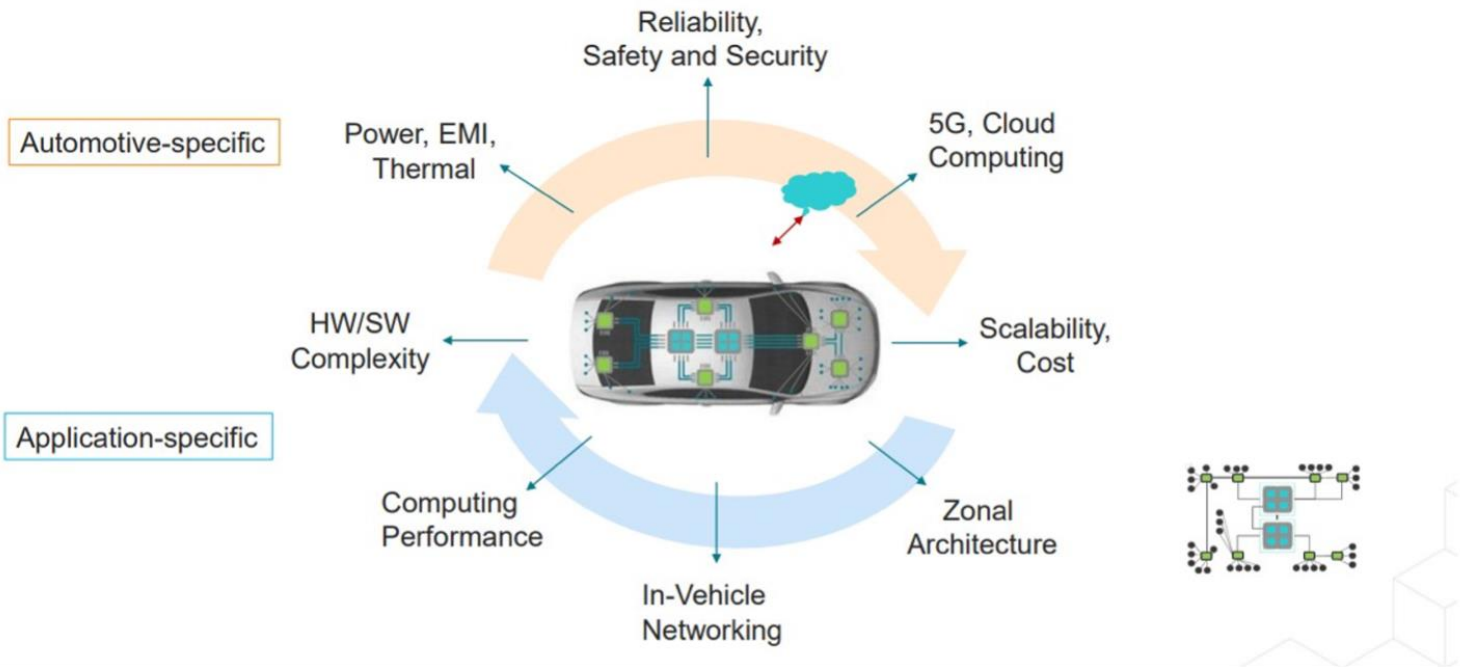
Semiconductor TAM





example

Automotive is changing faster than ever



SOME FACTS

- > 70% electrified vehicles by 2030
- > 50% L2 assisted driving cars by 2030



ITEA Business Opportunities



Smart cities



Smart communities



Smart health



Smart mobility



Smart industry



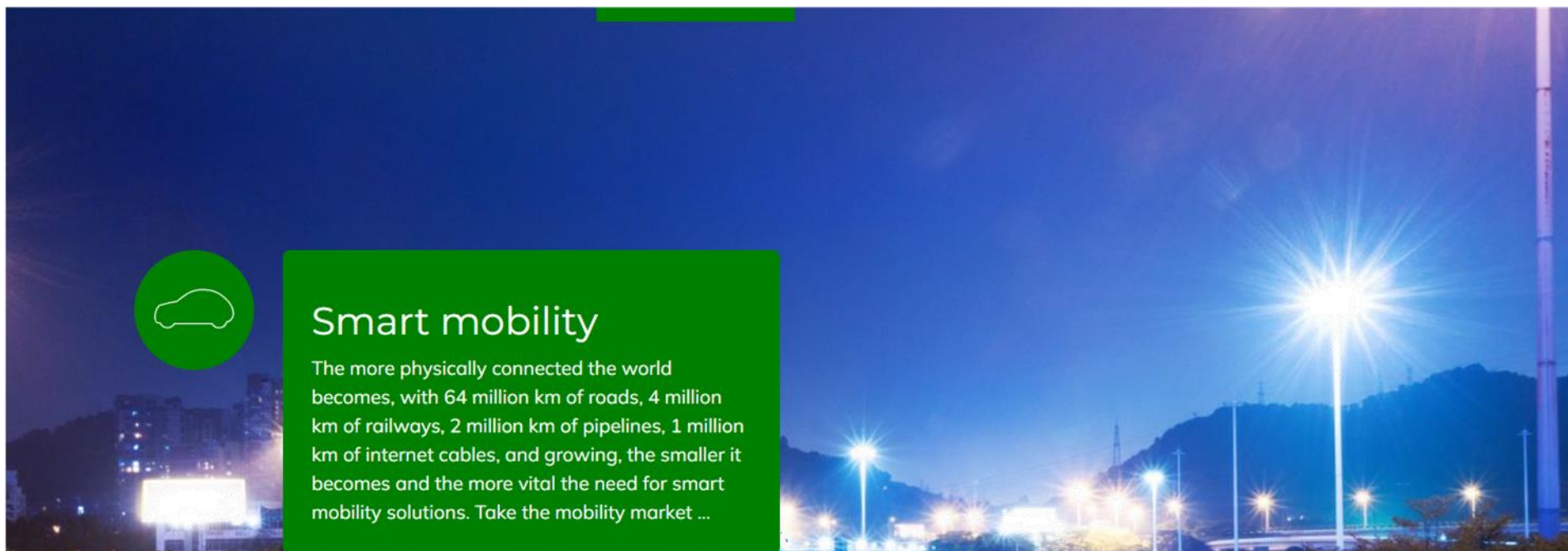
Smart energy



Smart engineering



Safety and Security



Smart mobility

The more physically connected the world becomes, with 64 million km of roads, 4 million km of railways, 2 million km of pipelines, 1 million km of internet cables, and growing, the smaller it becomes and the more vital the need for smart mobility solutions. Take the mobility market ...



Advancing the connected world requires two strong pushes

COLLABORATION



INNOVATION

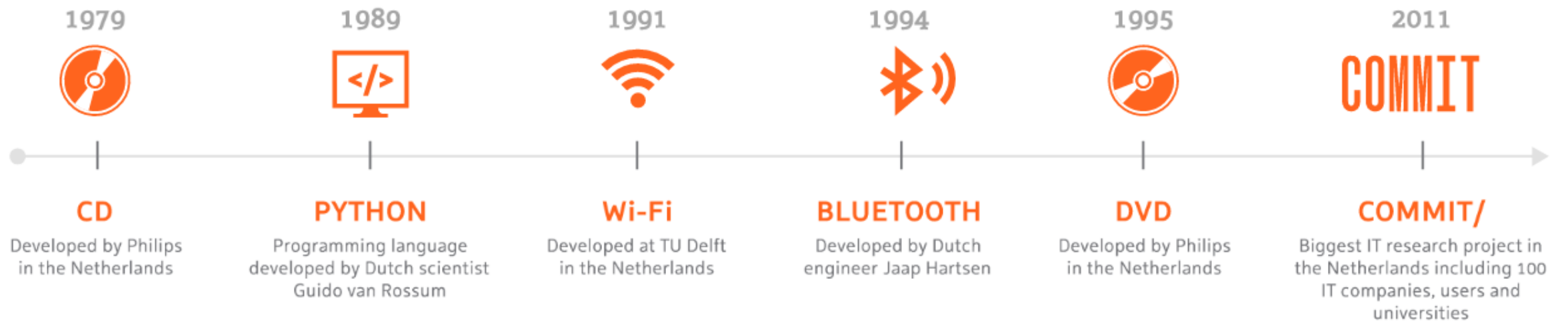




The Digital Gateway to Europe

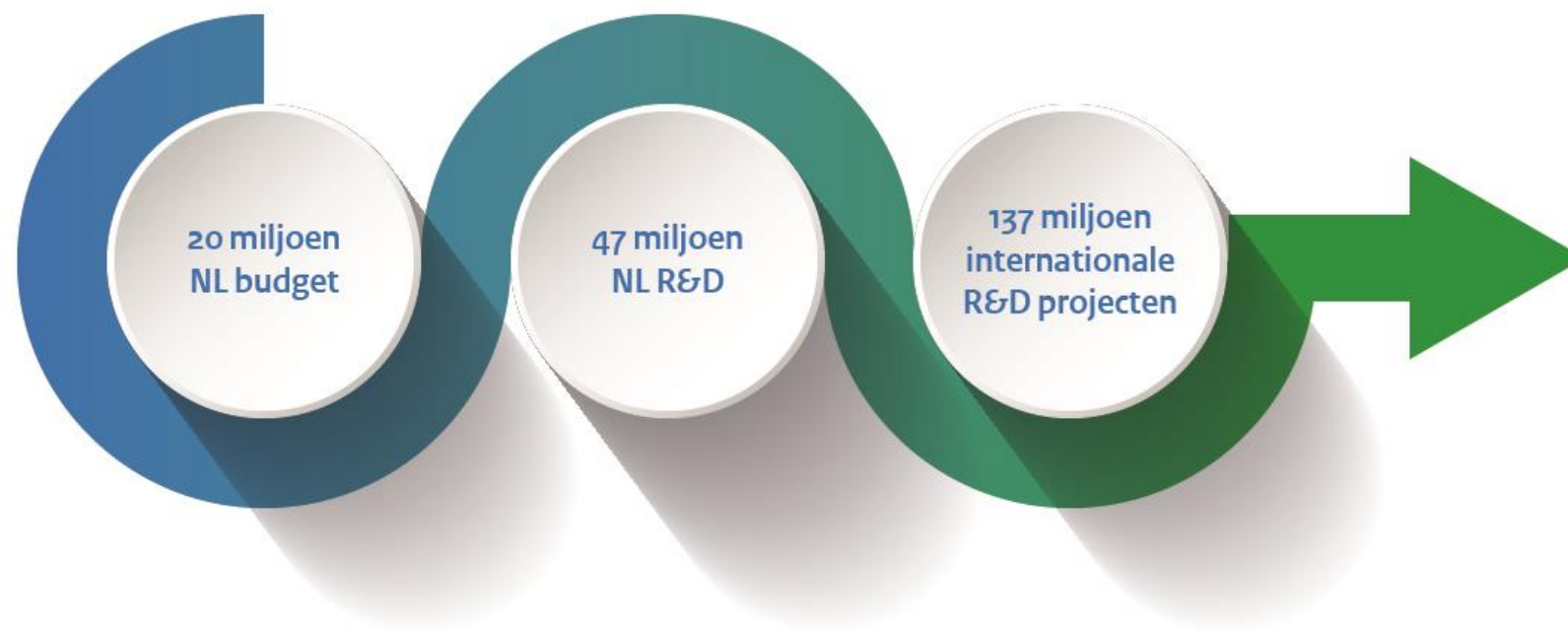
Information Technology

A History of Innovation





Collaborative innovation is a great multiplier



Deelnemers Nederland



53 deelnemers



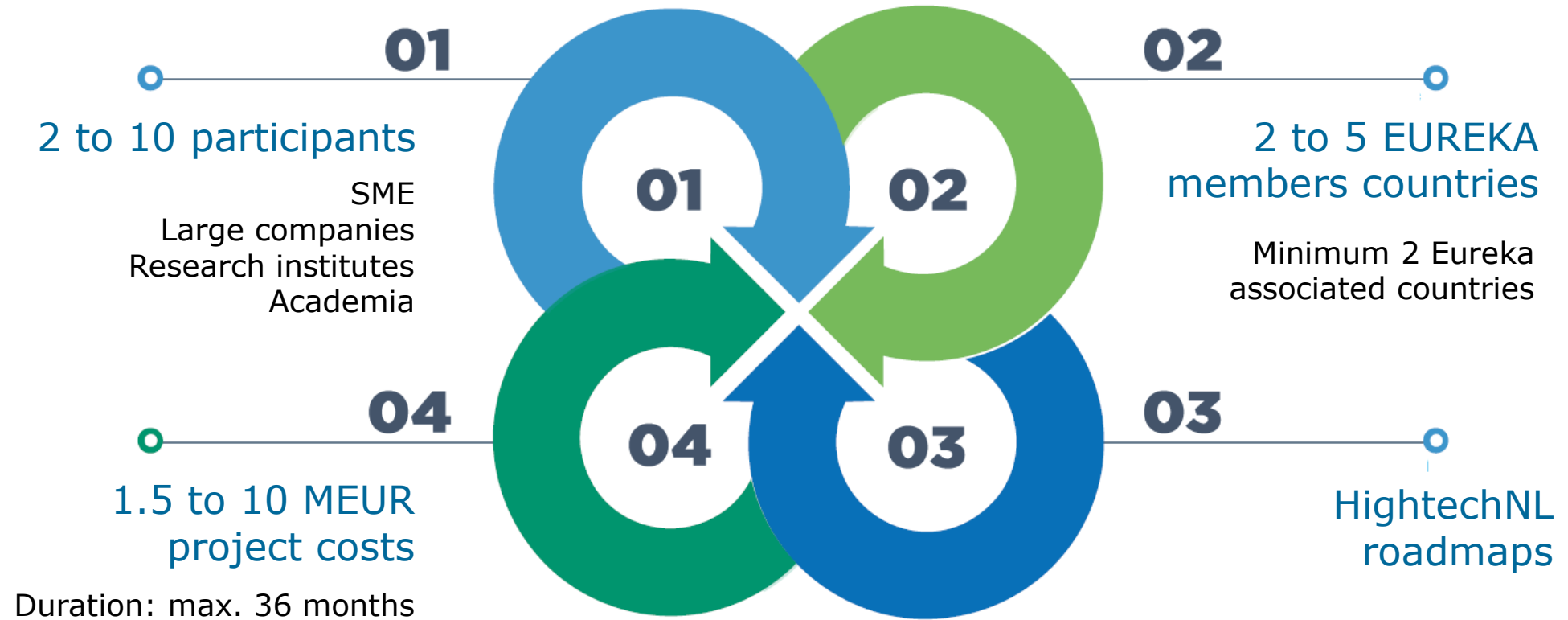
38 bedrijven
waarvan 22 MKB en
hightech scaleups



15 kennisinstellingen



ITEA typical Dutch consortium





Fostering software innovation in the Netherlands

FUNDING OUTLOOK

- > SMEs, large companies and RTOs/academia are eligible for funding
- > Budget limit per call: € 10 mio (Max € 4 mio per consortium)
- > Balanced distribution of project costs across countries (<70% in one country)
- > Funding criteria: innovation, collaboration & impact

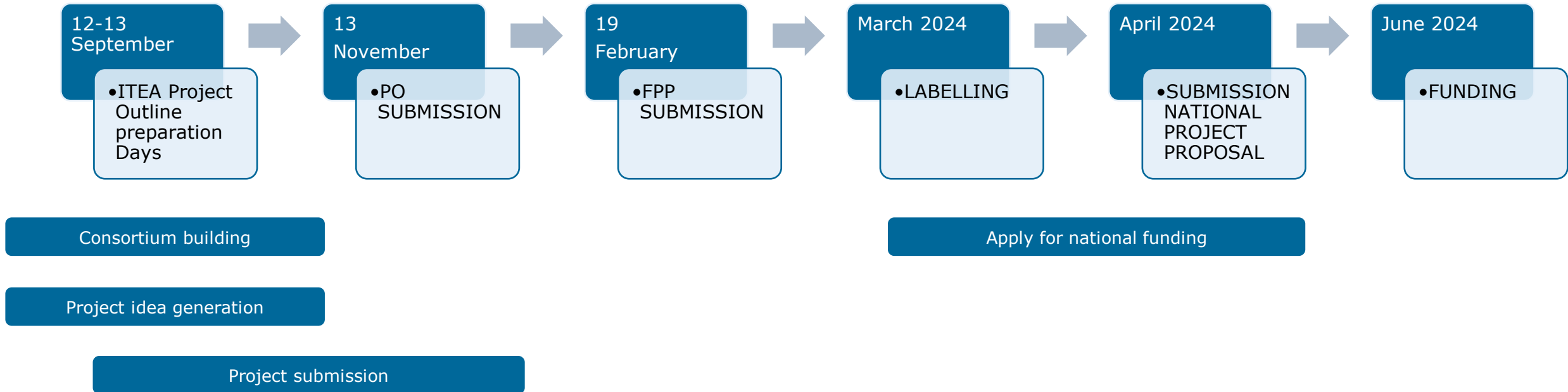
SUBSIDY PERCENTAGES

activities	research	development
SME	45%	35%
Industry	35%	25%
Academia/RTO	50%	25%

- > More information: [Information Technology for European Advancement \(ITEA4\) \(rvo.nl\)](https://www.rvo.nl/en/information-technology-for-european-advancement-itea4)



ITEA Call Timeline





Key Performance Indicators of a Successful Project



**TECHNOLOGICAL
INNOVATION**



**INTERNATIONAL
COLLABORATION**



**ECONOMIC
PERSPECTIVE**



Differences between ITEA and KDT

EUREKA

- › At least **two** participating countries
- › Open to **47 Eureka countries** (and beyond)
- › Mid-sized projects, agile (even SME can lead the project)
- › Scope of the project defined by consortium - focus on national topics – **roadmaps HightechNL**
- › **Only national funding** according to national rules

KEY DIGITAL TECHNOLOGY JU

- › At least **three** participating countries
- › **Horizon Europe** associated countries
- › Slightly larger projects (4 out of 5 projects have LE in the lead)
- › Top-down approach - focus topics - **pan-European dimension**
- › Follow **EU funding rules**

- › Two-stage calls
- › Industry in the lead ⇔ close-to-market RD&I
- › Dutch perspective: project needs to have a link to hightechNL roadmaps

Why participate

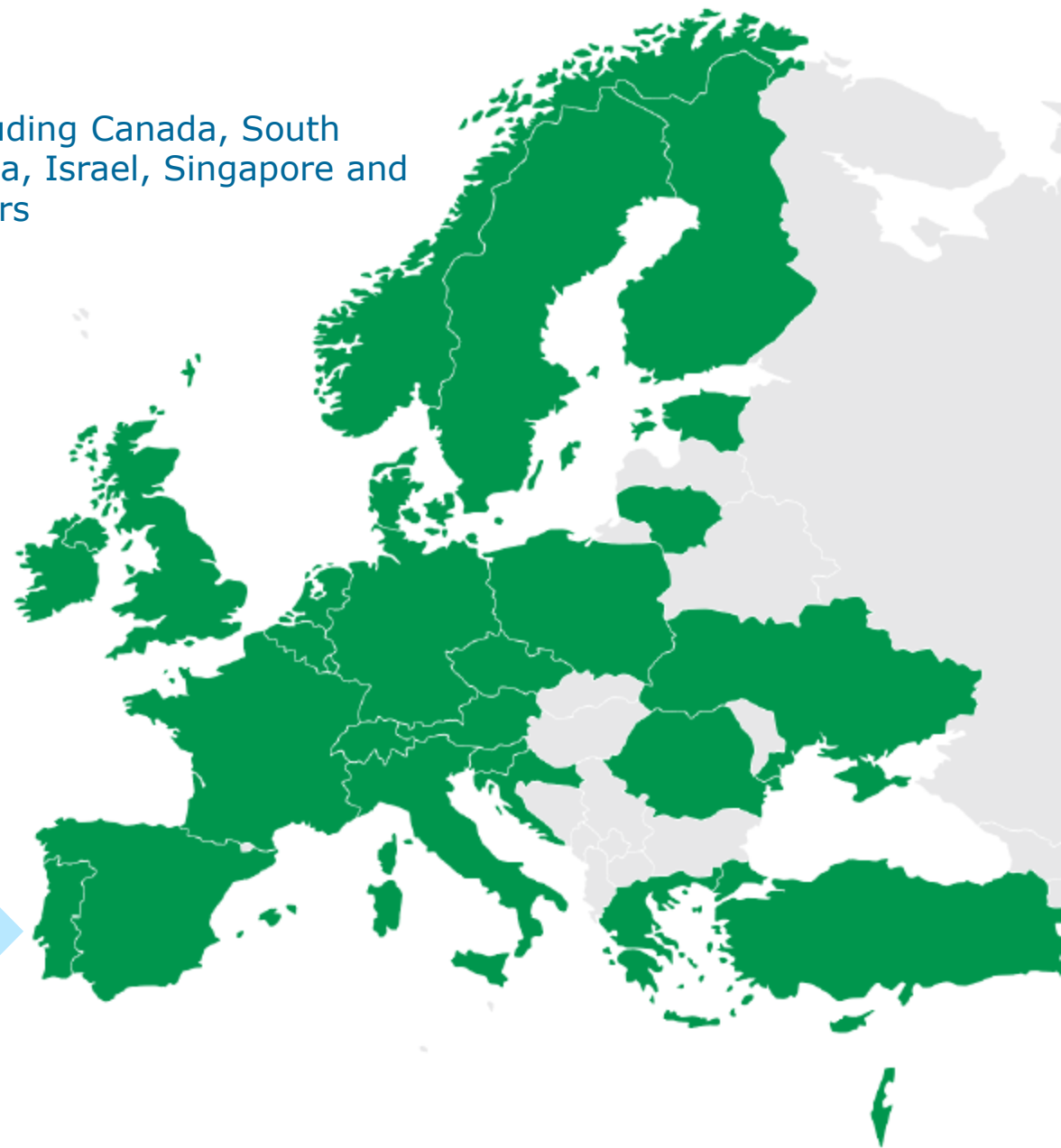
INTERNATIONAL - To take advantage of trans-national RD&I cooperation

COLLABORATE – from research to the end applications and create collaborative ecosystems

PARTNERSHIPS – gain access to expertise to accelerate growth and to develop new markets across borders

IMPACT – boost competitiveness, accelerate growth and shorten time to market

Including Canada, South Korea, Israel, Singapore and others





Rijksdienst voor Ondernemend
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