



mtec

BOOSTING INNOVATION FOR EU INDUSTRY

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PROGRAM DIRECTOR

- imec is
the world-leading R&D and innovation hub
in **nanoelectronics** and **digital technology**





A
**TRUSTED
PARTNER FOR**
COMPANIES, STARTUPS & ACADEMIA



CLOSE TO
**4,000 SKILLED
RESEARCHERS**
FROM OVER 80 NATIONALITIES



WORLD-CLASS INFRASTRUCTURE
**>12,000 M²
CLEANROOM**
CAPACITY

USA
SAN FRANCISCO



USA
ORLANDO



BELGIUM - HQ
LEUVEN



THE NETHERLANDS
EINDHOVEN

INDIA
BANGALORE



CHINA
SHANGHAI



JAPAN
OSAKA



JAPAN
TOKYO

TAIWAN
HSINCHU



imec acts
as a trusted partner for companies and academia,
while focusing on key societal challenges.

APPLICATION DOMAINS

SMART HEALTH



SMART MOBILITY



SMART CITIES



SMART INDUSTRIES

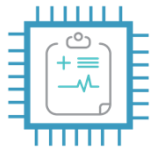


SMART ENERGY

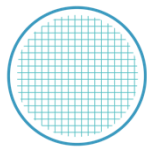


SEMICONDUCTOR & SYSTEM TECHNOLOGIES

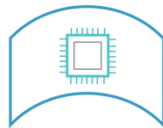
CORE
CMOS



SENSOR
TECHNOLOGY



FLEXIBLE
TECHNOLOGY



DIGITAL TECHNOLOGY PLATFORMS

NETWORKING



DIGITAL PRIVACY &
SECURITY



SOFTWARE & DATA
MANAGEMENT SKILLS



SERVICES

TRAINING



INNOVATION SERVICES



VENTURING



WHAT WE OFFER

R&D

COLLABORATION



INNOVATION

SERVICES&SOLUTIONS



VENTURING

STARTUPS & FUNDS



IMEC INNOVATION SERVICES & SOLUTIONS

R&D
COLLABORATION



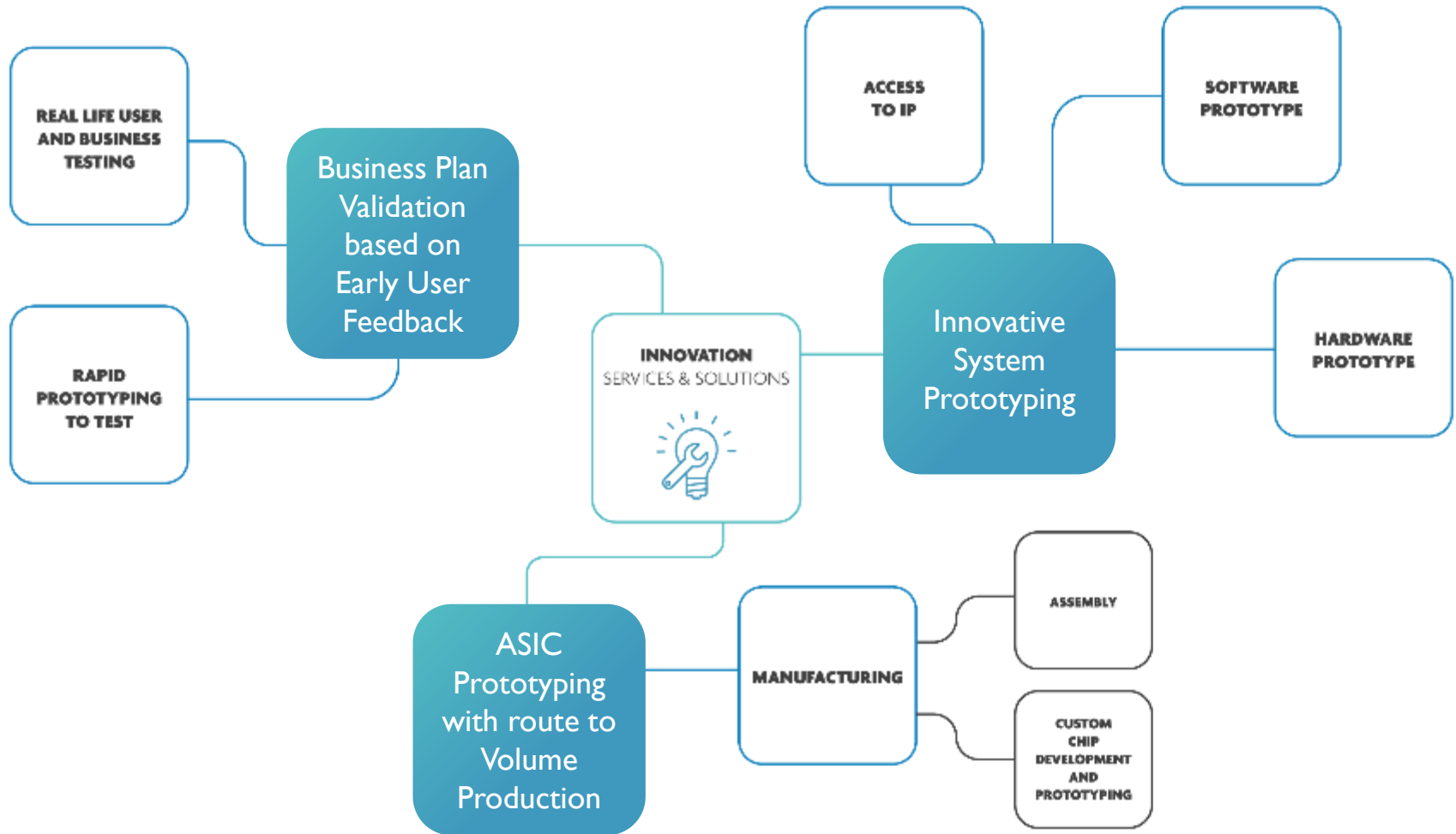
INNOVATION
SERVICES&SOLUTIONS



VENTURING
STARTUPS & FUNDS



DE-RISKING & ACCELERATING NANOTECH & DIGITAL INNOVATION
FROM IDEA TO PRODUCT TO MARKET SCALE-UP



THE POWER OF CUSTOMIZED MICROCHIPS



SMALLER



CHEAPER



SECURE



FASTER



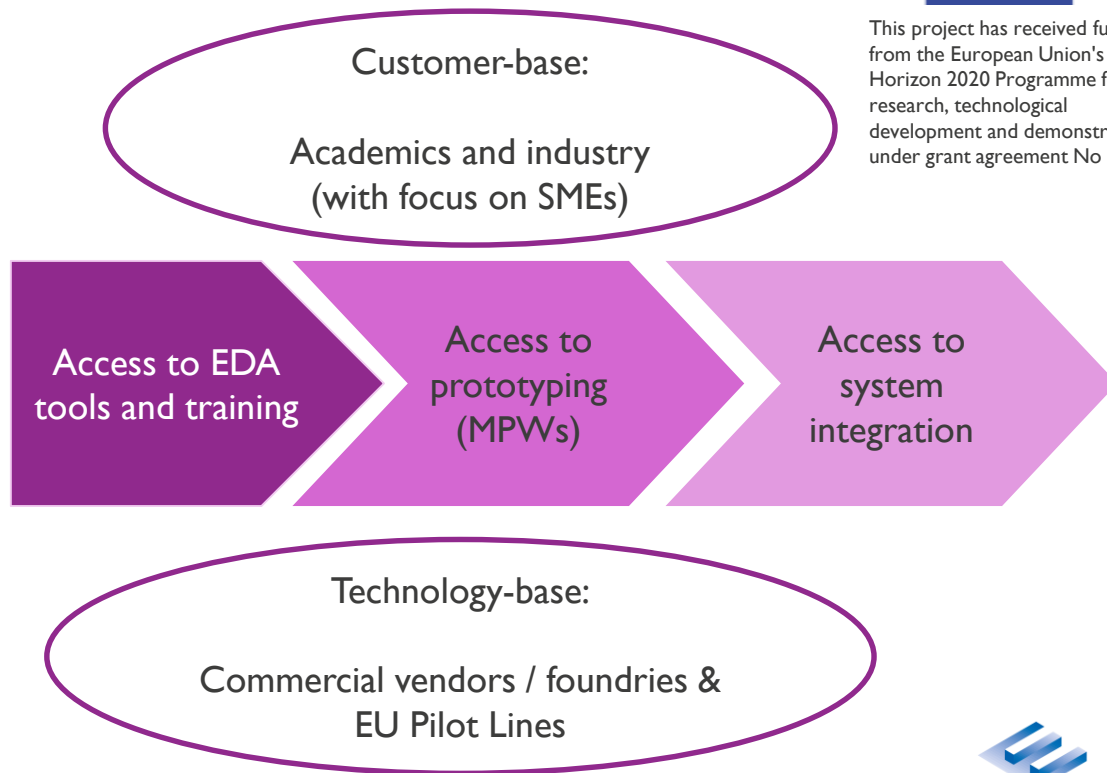
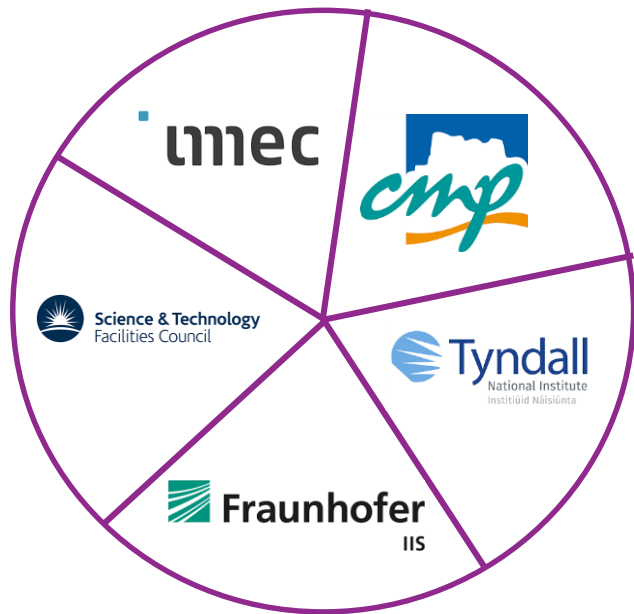
LESS POWER

EUROPRACTICE

'THE ORIGIN OF IMEC INNOVATION SERVICES & SOLUTIONS'



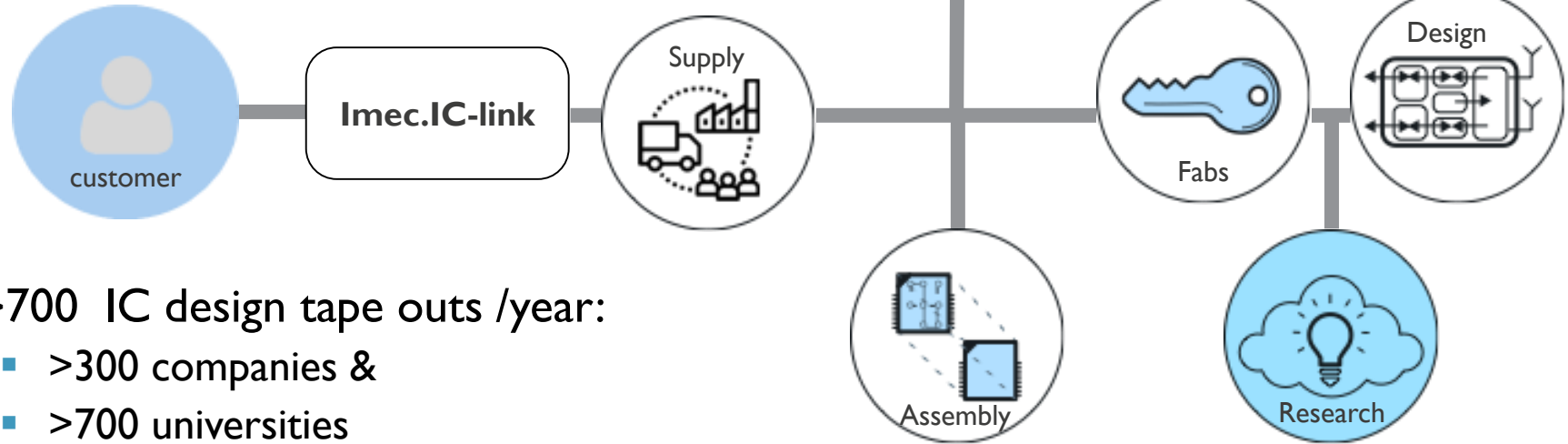
This project has received funding from the European Union's Horizon 2020 Programme for research, technological development and demonstration under grant agreement No 825121



ASIC SERVICES

BRANDED AS IMEC.IC-LINK

- ASIC solutions in one-stop-shop model for any volume in different technologies



- >700 IC design tape outs /year:
 - >300 companies &
 - >700 universities

CUSTOM SYSTEMS DESIGN & MANUFACTURING

UNIQUE SOLUTIONS, FAST AND AT FAIR COST



ASIC
Services

System &
Product
Development

Software
App & Tools

Living Labs

SOFTWARE APP & TOOLS

APPLICATION PROTOTYPING & DEVELOPMENT

SOFTWARE **PROTOTYPING**



TOOLS FOR SOFTWARE PROTOTYPING SUPPORT



ASIC
Services

System &
Product
Development

Software
App & Tools

Living Labs

LIVING LABS

DATA DRIVEN USER, BUSINESS & POLICY TESTING
IN A SPECIFIC CONTEXT



WHERE USERS AND
PRODUCERS **CO-CREATE**
INNOVATIONS



A **REAL-LIFE TEST** AND
EXPERIMENTATION
ENVIRONMENT



IN A SPECIFIC CONTEXT
SMART SPACES

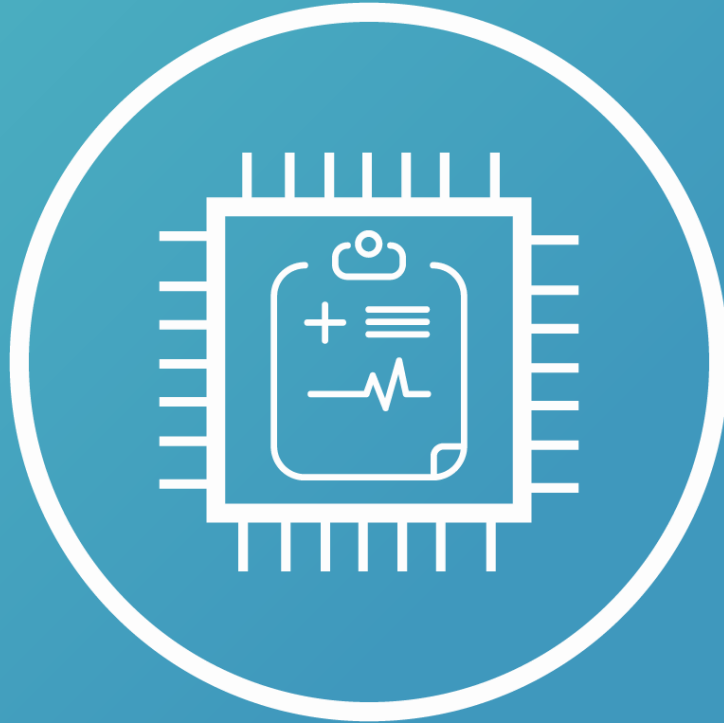
ASIC
Services

System &
Product
Development

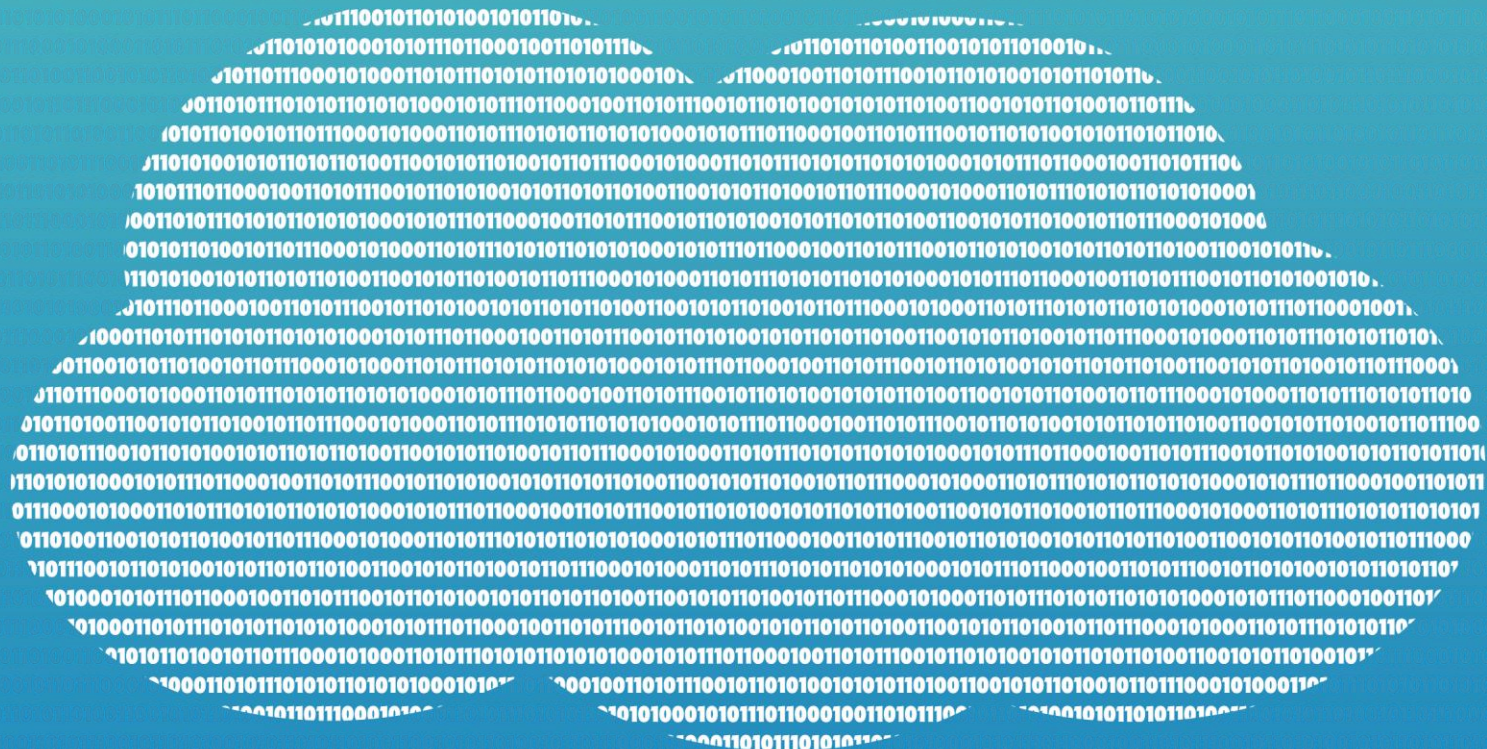
Software
App & Tools

Living Labs

INNOVATIVE HARDWARE ...



INTELLIGENT SOFTWARE



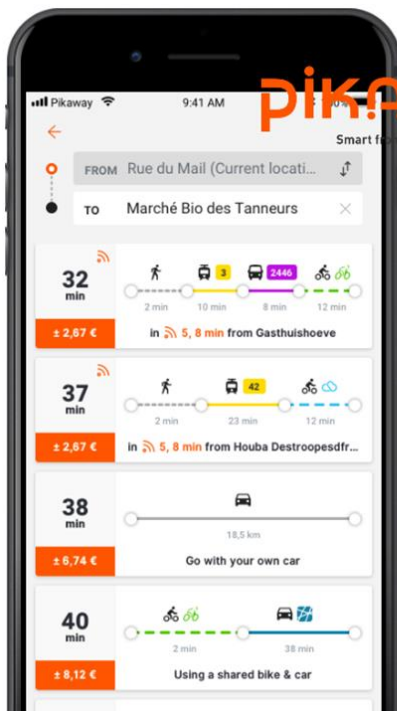
INNOVATIVE HARDWARE, RELIABLE FIRMWARE &
APPLICATION SOFTWARE, CAN BE COMBINED IN
COMPLETE SMART PRODUCTS & SOLUTIONS.

ZEMBRO BRACELET FOR ASSISTED LIVING



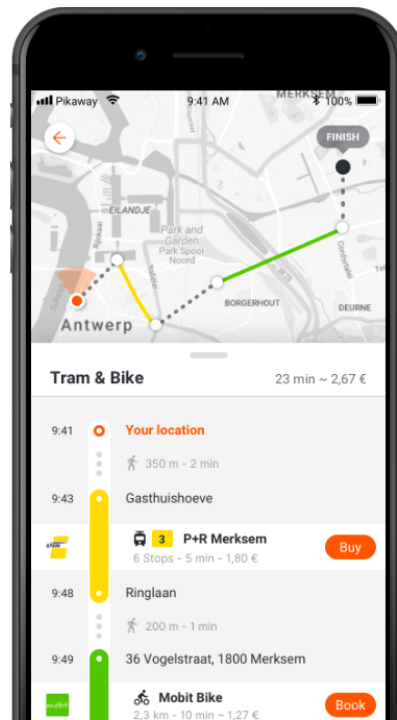
PIKAWAY – A MOBILITY APP

COMBINING PUBLIC AND SHARED TRANSPORT IN YOUR CITY



THE APP

Smart from A to everywhere.



THE APP

Smart from A to everywhere.

Pikaway let's you Pick A Way that is optimal for your preferences, time and your wallet. You have a folded bike? Great, we'll add it when it makes sense. No drivers license? No worries we won't expect you to drive ;)

Coming soon to the different app stores
Get 1 week of free mobility

BPOST ADD-ONS

AIR QUALITY MONITORING



ALSO WITH INNOVATIVE IMEC IP INSIDE



Imec designs and fabricates world-first miniature neural probe for simultaneous recording of multiple brain regions at neuronal resolution

“Neuropixels” Probe Developed for Prestigious International Research Consortium

An example on how **imec innovation services & solutions**
assists **imec research**,
in bringing great technology to market

IMEC INNOVATION SERVICES AND SOLUTIONS
CAN HELP YOU TO SET YOUR INNOVATION IN MOTION,
FROM IDEA CREATION TO DESIGN, PROTOTYPING, TESTING AND
PRODUCTION IN ANY VOLUME.



mec

embracing a better life