



IMEC.ICON INFORMATION SESSION



IMEC.ICON CALL 2019-2

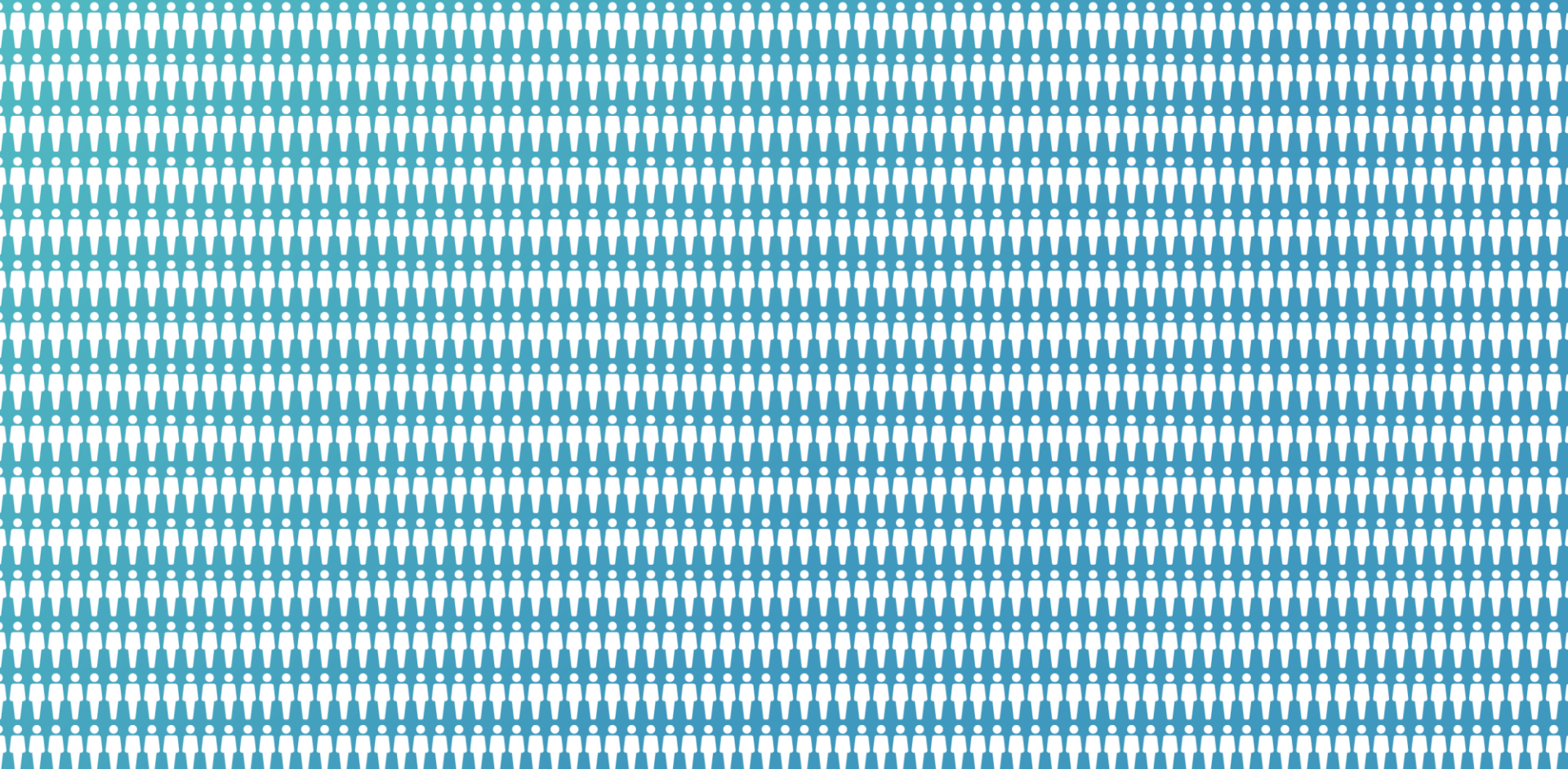
AGENDA

- imec
- imec.icon
 - What is an imec.icon project?
 - Expected outcome of an imec.icon project
 - Intellectual property rights
 - Effects at companies
 - Examples
 - Application procedure
 - VLAIO and Innoviris funding
 - Contracts



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

CLOSE TO 4,000 HIGHLY SKILLED RESEARCHERS



KORTRIJK
SMART EDUCATION

ANTWERP
CITY OF THINGS

Universiteit
Antwerpen

LEUVEN
HEADQUARTERS

UNIVERSITEIT
GENT

Vrije
Universiteit
Brussel

universiteit
hasselt

KU LEUVEN

GHENT
IMEC.LINK

BRUSSELS
EU HUB

IMEC RESEARCH DOMAINS

APPLICATION DOMAINS



SMART
CITIES



SMART
MOBILITY



SMART
INDUSTRIES



SMART
INFOTAINMENT



SMART
HEALTH



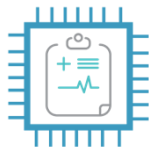
SMART
ENERGY



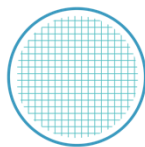
SMART
EDUCATION

SEMICONDUCTOR & SYSTEM TECHNOLOGIES

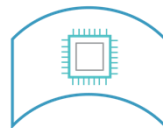
CORE
CMOS



SENSOR
TECHNOLOGY



FLEXIBLE
TECHNOLOGY



PATTERNING TECHNOLOGY LOGIC TECHNOLOGY MEMORY TECHNOLOGY INTERCONNECT TECHNOLOGY 3D INTEGRATION OPTICAL I/O

DIGITAL TECHNOLOGY PLATFORMS

NETWORKING



DIGITAL PRIVACY &
SECURITY



ARTIFICIAL
INTELLIGENCE



IMEC BUSINESS MODELS TO CREATE IMPACT

R&D
COLLABORATION



INNOVATION
SERVICES&SOLUTIONS



VENTURING
STARTUPS & FUNDS



low-barrier access
applied research
between imec and industry

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A hand in a white lab coat is shown holding a blue, 3D-rendered DNA double helix structure. The background is a soft, out-of-focus blue. The text 'GAP' is overlaid on the left side of the image.

GAP

A European high-performance genome analytics platform for cost-effective DNA analysis.

[Click on the image for the video](#)



iXCon

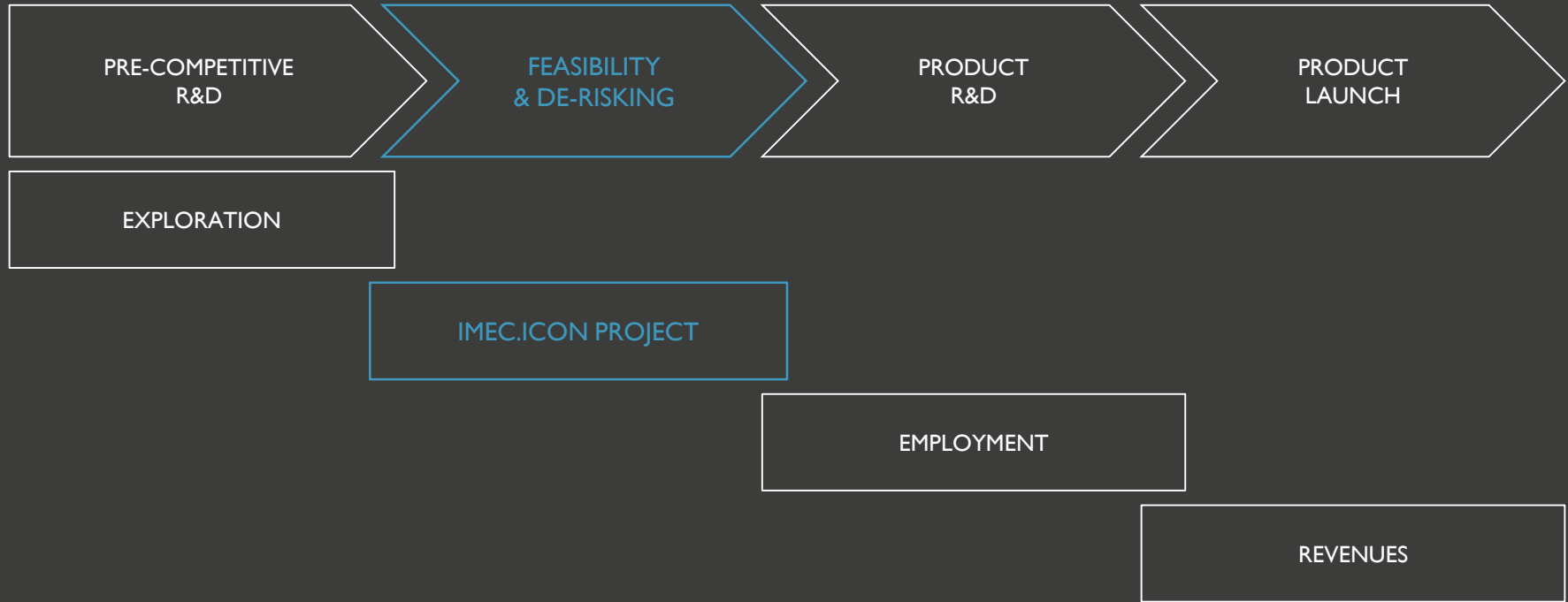
Industrial (X-ray) CT for high-throughput quality control

[Click on the image for the video](#)

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THE POSITION OF IMEC.ICON IN THE R&D LIFE CYCLE



POSITIONING AGAINST TECHNOLOGY READINESS LEVELS (TRL)

TRL 1 – basic principles observed

TRL 2 – technology concept formulated

 TRL 3 – experimental proof of concept

TRL 4 – technology validated in lab

TRL 5 – technology validated in relevant environment

TRL 6 – technology demonstrated in relevant environment

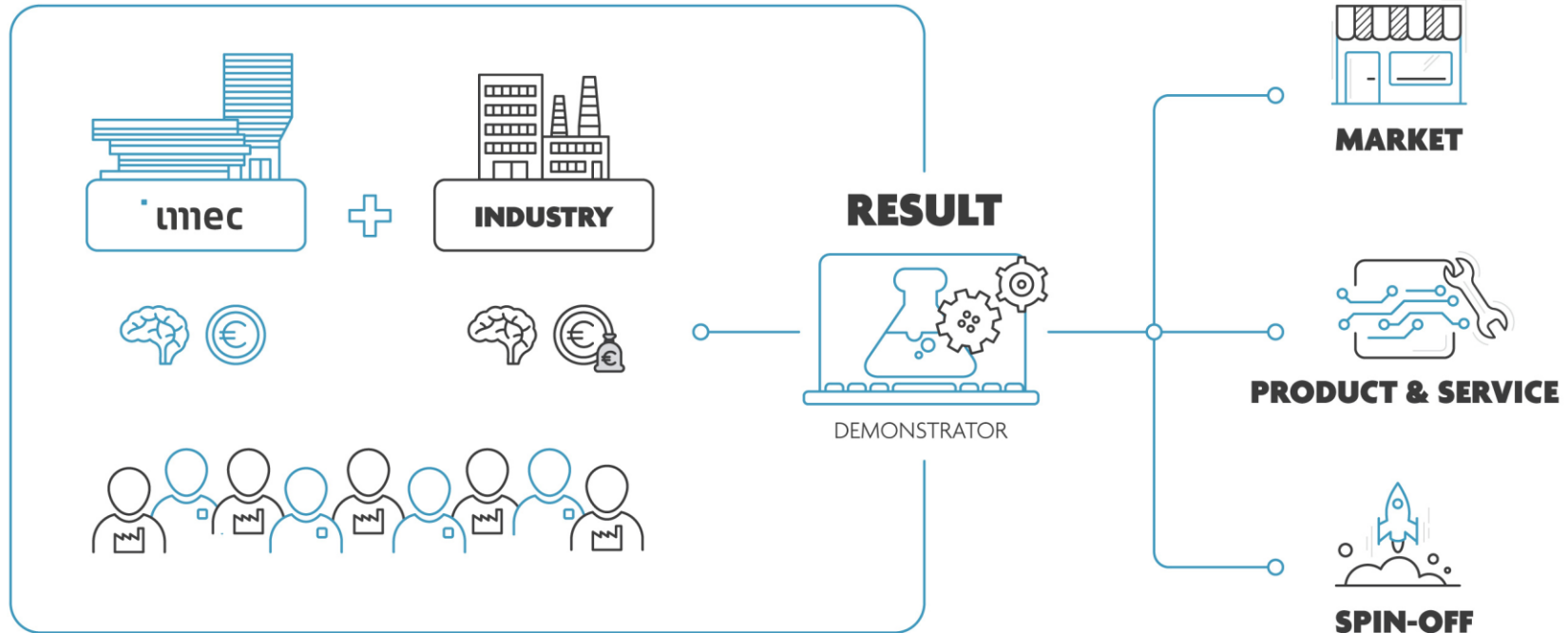
TRL 7 – system prototype demonstration in operational environment

TRL 8 – system complete and qualified

TRL 9 – actual system proven in operational environment

INTERDISCIPLINARY COOPERATIVE RESEARCH

VALORIZATION



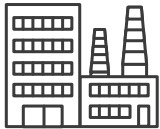
IMEC.ICON CHARACTERISTICS



ICT and nanoelectronics-related
digital products, services and
business models



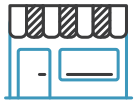
Balanced consortium
balanced contribution of industry
and research partners



Demand-driven
relating to a real need in
industry or society



Interdisciplinary approach tackling
technological, legal and social challenges,
new business models, etc.



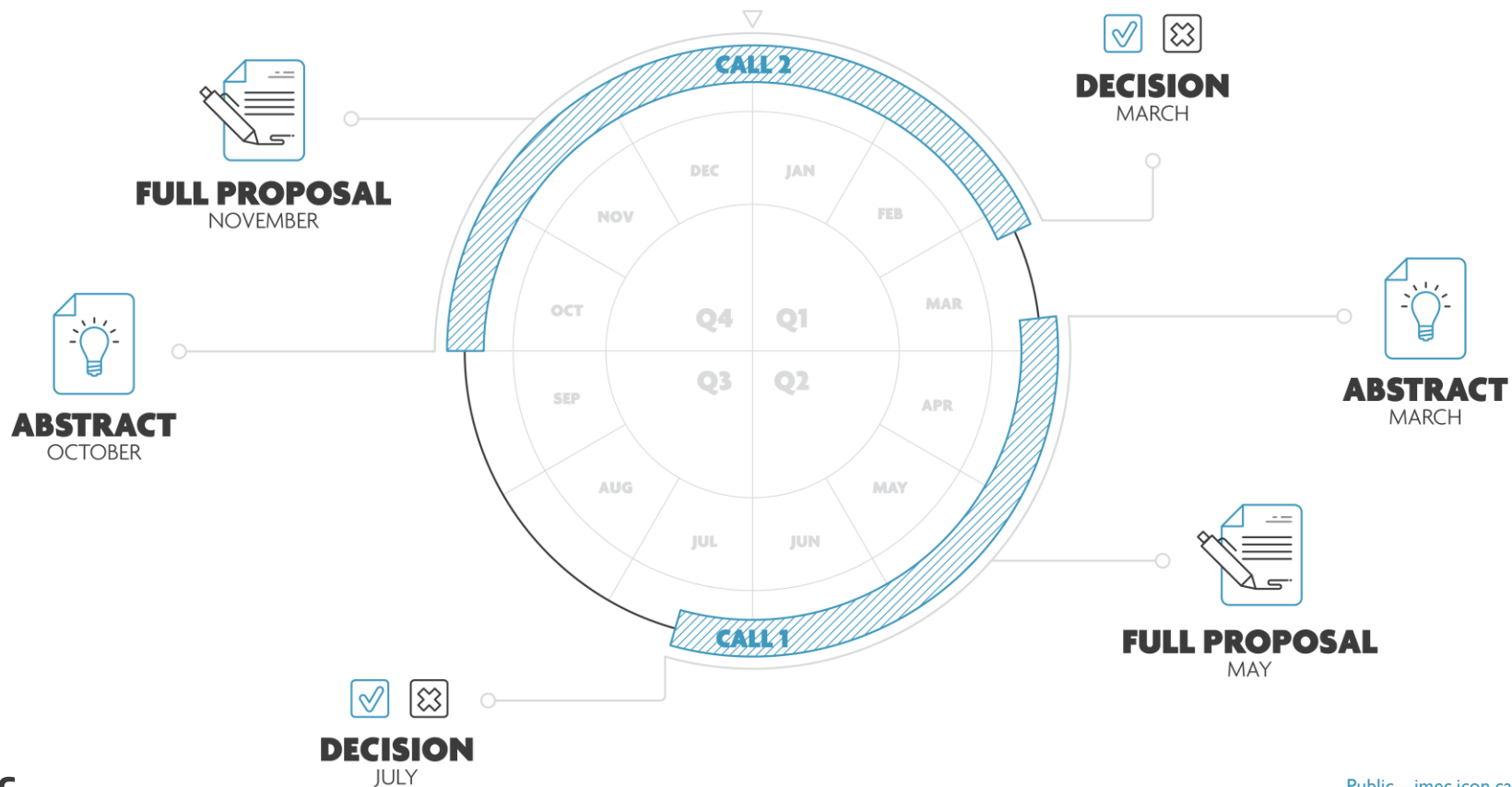
Cooperative research with a
focus on valorization for all
industry partners involved



2-year duration

IMEC.ICON – YEARLY CYCLE

FAST PROCEDURE FOR ROADMAP ALIGNMENT



IMEC.ICON EVALUATION PROCESS



IMEC.ICON KEY FIGURES 2012 – 2019



11
CALLS ORGANIZED



261
PROJECT PROPOSALS



102
PROJECTS APPROVED



€79M
RESEARCH FUNDING



314
PARTNERS
INVOLVED



69%
FIRST TIME PARTNERS
PER CALL



6X
LEVERAGE ON PUBLIC FUNDING
WITHIN COMPANIES



61%
INDUSTRY CONTRIBUTION



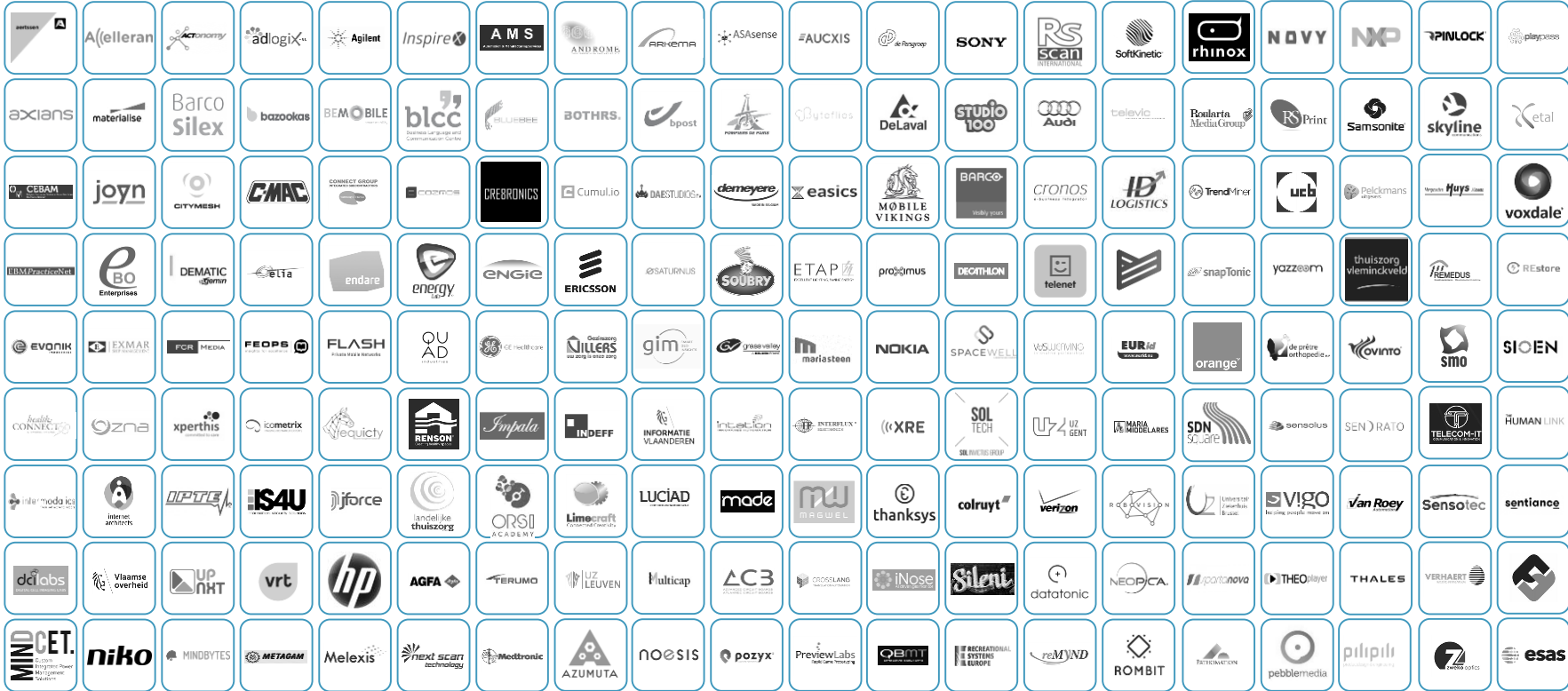
€2M
AVERAGE PROJECT
SIZE



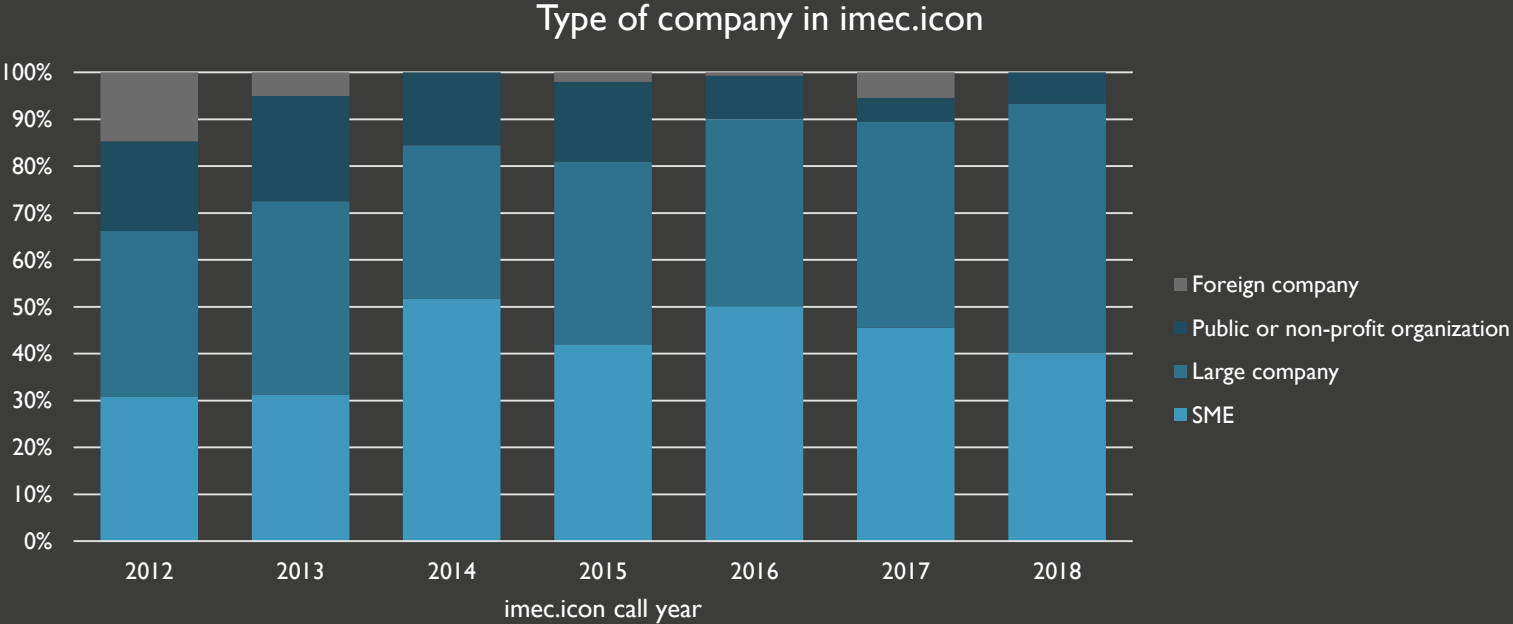
42%
SME PARTICIPATION



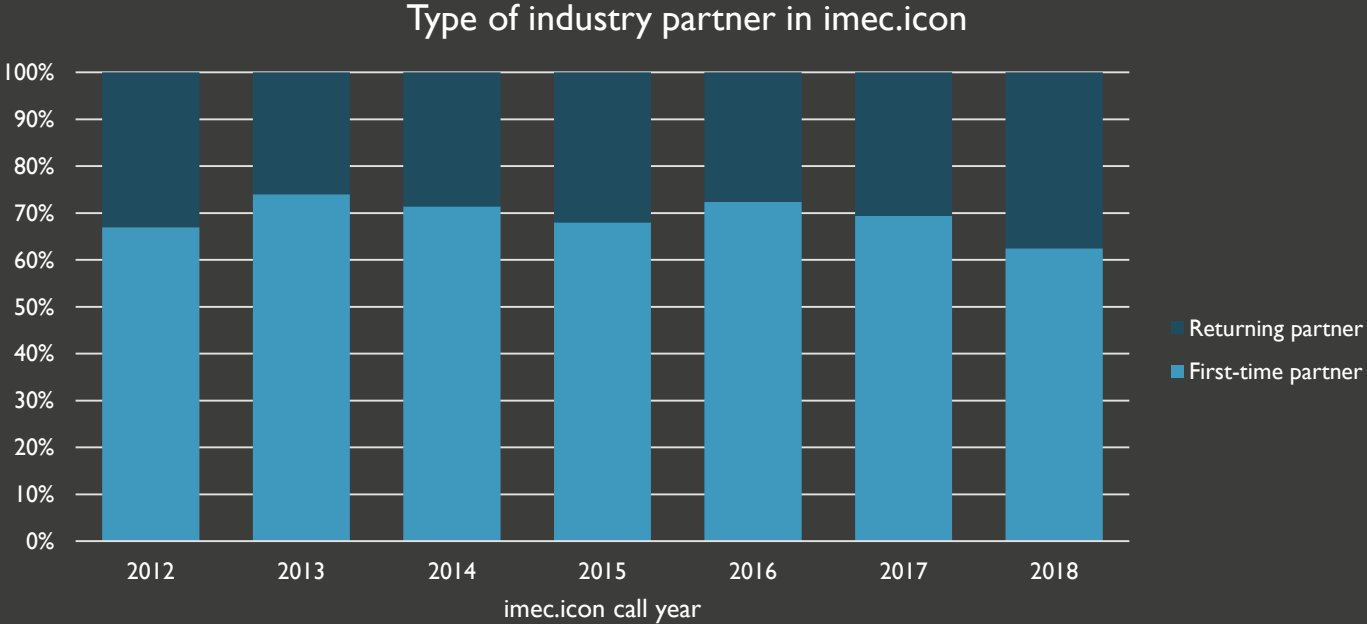
300+ IMEC.ICON PARTNERS AND COUNTING



EVOLUTION OF SME PARTICIPATION



EVOLUTION OF FIRST-TIME PARTNERS



IMEC.ICON CONSORTIUM

RESEARCH GROUPS

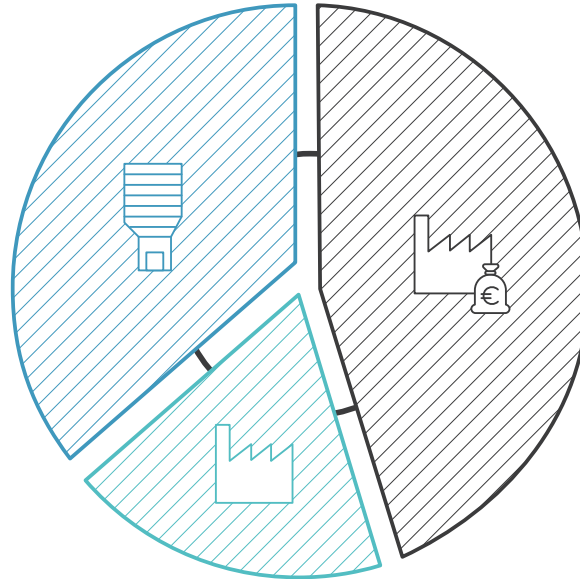


MIN. 2 GROUPS

- imec (min. 1)
- Flemish universities
- Other

FUNDED RESEARCH GROUPS

- **imec dotation:** imec & Flemish universities
- **Own budget:** other research groups



INDUSTRY PARTNERS



MIN. 3 FLEMISH COMPANIES

(+ Brussels region, Belgium, international)

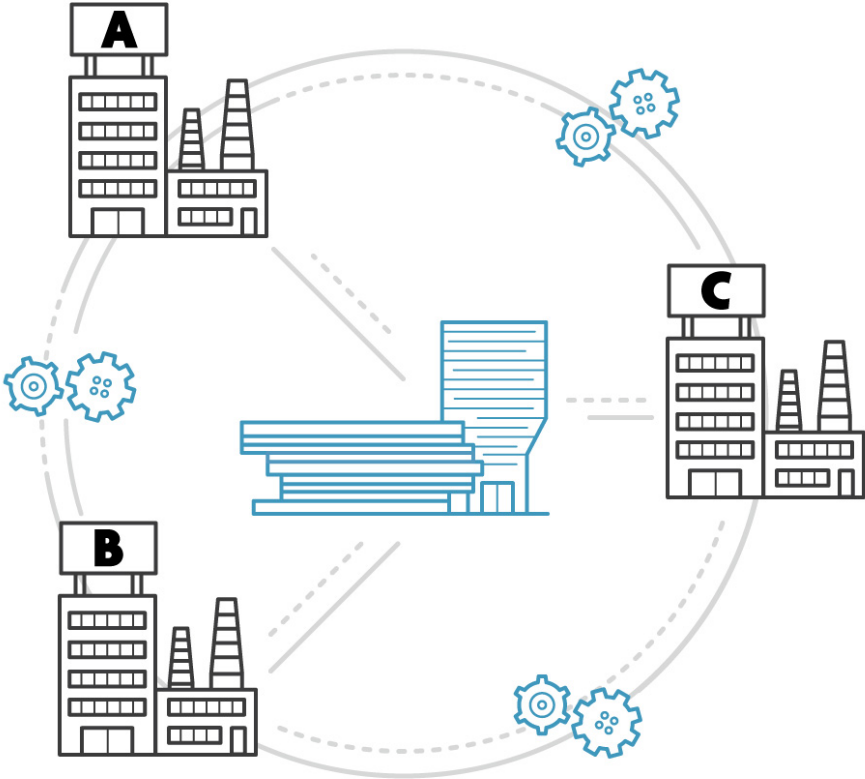
FUNDED INDUSTRY PARTNERS

- VLAIO (Flanders)
- Innoviris (Brussels region)

INDUSTRY PARTNERS WITH OWN FUNDING

- Allowed
- Don't count for the 50/50

KEY INGREDIENT: CLOSE COLLABORATION



ALIGNING YOUR CONSORTIUM

MAKING ROOM FOR WIN-WIN



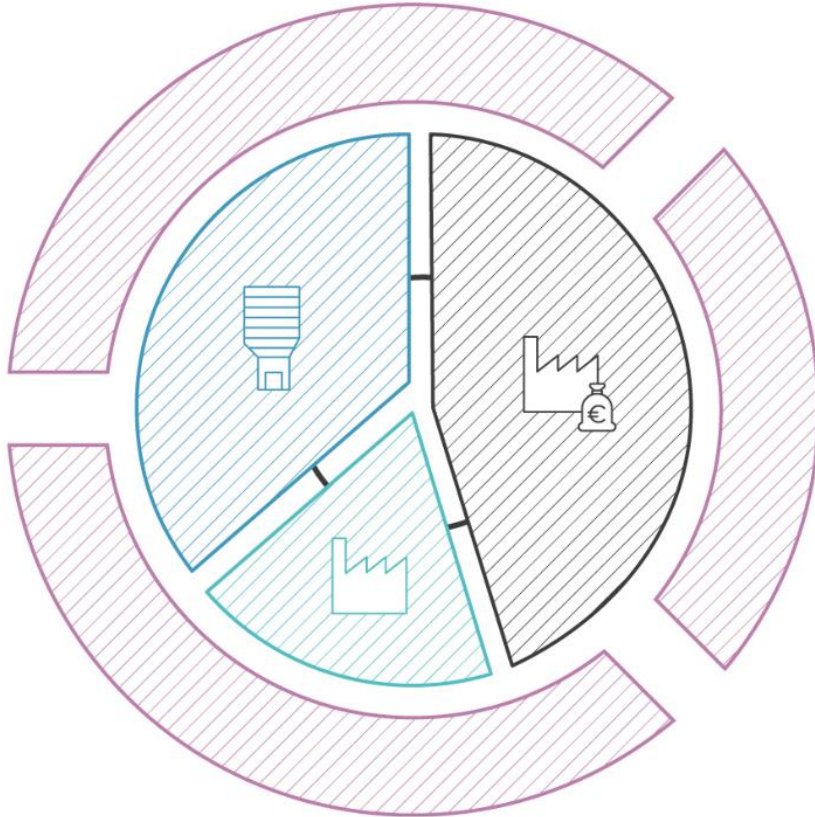
	Partner 1	Partner 2	Partner 3	Partner 4
Goal 1	must-have	nice-to-have	not-relevant	no-go
Goal 2	nice-to-have	must-have	must-have	not-relevant
Goal 3	not-relevant	nice-to-have	nice-to-have	nice-to-have
...	nice-to-have	nice-to-have	not-relevant	must-have

Partners as stakeholders:

- at least one 'must-have' goal per partner
- each goal must be carried by at least one partner
- avoid 'no-go' goals

IMEC.ICON CONSORTIUM

OPTIONAL: USER GROUP

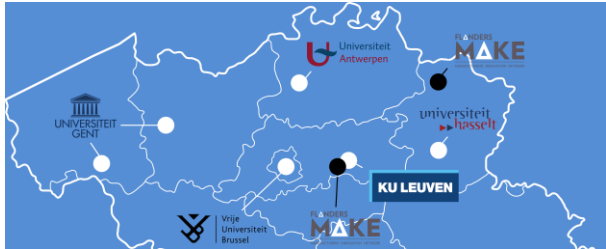


USER/STAKEHOLDER GROUP

- **NOT A FORMAL PARTNER**
- **IS LINKED TO THE PROJECT TO:**
 - provide specific input
 - gather requirements
 - act as a sparring partner
 - validate project results
 - provide certain data
 - ...

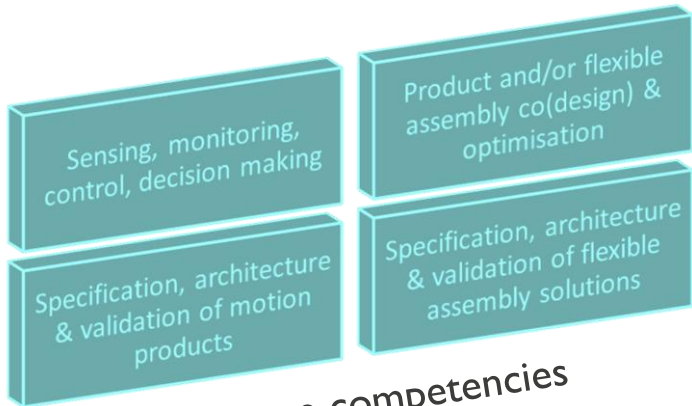
FLANDERS MAKE

PARTNERS WITH IMEC IN IMEC.ICON PROJECTS



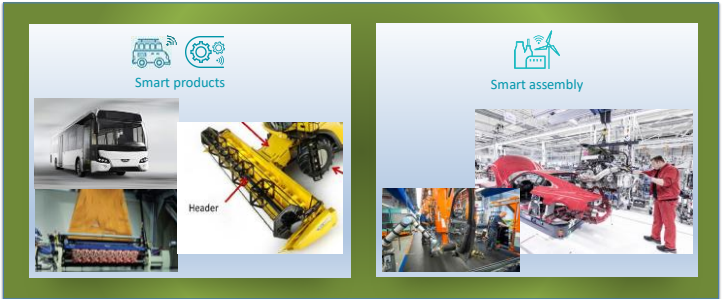
450+ highly specialised researchers

Flanders Make = the Strategic Research Centre for the Manufacturing Industry



Four core competencies

Two application areas



Unique infrastructure



Contact: marc.engels@flandersmake.be

SMART EDUCATION IN IMEC.ICON

- Objectives
 - Enable **evidence-based validation** of effects of EdTech in schools
 - Increase **adoption rate** for EdTech through inclusion of schools
- Schools can receive funding from imec budget
 - Funding of staff costs and operational costs
 - Specific options for Flemish schools: PWB and TADD

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RESULTS AT THE END OF THE IMEC.ICON PROJECT



- **Proof-of-Concepts / demonstrators**
 - Minimum experimental setup needed to validate innovation goals
 - Ranging from pure technical tests to real-life validation
 - Not a pilot ready for commercialization



Incorporate the value of the project for your company from the start
⇒ involve customers and end users using living labs or user groups

IMPACT OF AN IMEC.ICON PROJECT



- Added value of the project for your company and for Flanders
 - Economic
 - Company results
 - Qualitative employment
 - Social/cultural
 - Added value to target group
 - Impact and anchoring in Flanders

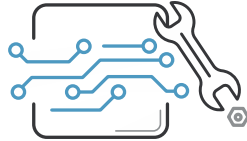


Plan and prepare your valorization path early on
⇒ kick-off your valorization mid-project

VALORIZATION



Demonstrate credibility towards external partners and generate business impact



Launch new product-line or improve current products



Launch new spin-off company, joint-venture or external startup

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INTELLECTUAL PROPERTY RIGHTS (IPR)

- IPR model in imec.icon is **fixed**
- Starting IPR discussions upfront is strongly advised

IMEC.ICON IPR MODEL CONCEPTS



Background

All pre-existing knowledge a partner contributes to the project

- Necessary to perform the project
- Needs to be identified, substantiated and **listed in the project description and consortium agreement**

Foreground

All results obtained during the execution of the project

- Foreground is to be **reported to the steering committee** (i.e., project deliverables)
- Types of IPR protection: patent, copy right, trademark, trade secret

OWNERSHIP AND ACCESS RIGHTS

Ownership

Each partner is and remains **sole owner** of own Background and Foreground

Exception: **co-ownership** when Foreground is created by two or more parties and when it is **impossible** to divide and unambiguously attribute parts of the results to each partner

Access Rights

During project execution

License to Background and Foreground **free of charge**

For valorization after project

License to Background and Foreground **deemed granted** if needed to valorize own project results

Remark: **no exclusive access** is possible in imec.icon

ACCESS RIGHTS FOR VALORIZATION BASED ON WORK PACKAGE (WP) STRUCTURE

	Same Work Package	Different Work Package
Foreground	Royalty-free (extra conditions: see below)	Favorable
Background	Favorable	Fair, Reasonable and Non-Discriminatory (FRAND)

Conditions

Access is required for exploitation of industry partner's **own Foreground**

Balanced collaboration between industry partners and research groups

For royalty-free access

Intensive collaboration in WP between industry partner and research group on Foreground topic

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IMEC.ICON IMPACT ON FLEMISH COMPANIES

PORTFOLIO IMPACT STUDIES 2015 AND 2017 – NON-ECONOMIC EFFECTS

Reported effects at project's closing

Effective **collaboration**
Enhanced **knowledge** and competence
Tapping into **new knowledge** domains
Development of **demonstrator**
Increased **scale** of research activities



Reported effects at moment of survey

Adaptation and fine-tuning of **product roadmap**
Expansion to **new markets**
Growth in existing markets
Increased **turnover**
Accelerated product or process development



Expected effects for next two years

New product development
Launch of new products
Increased **employment**
Stronger **reputation** and **branding**

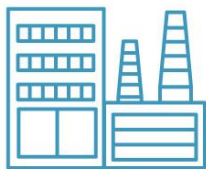
IMEC.ICON IMPACT ON FLEMISH COMPANIES

PORTFOLIO IMPACT STUDIES 2015 AND 2017 – AGGREGATED (29 + 22 COMPANIES)

FOR EVERY

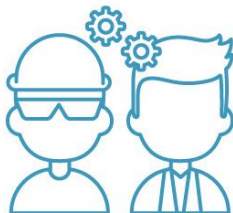


GOVERNMENT INVESTMENT



10 x €

COMPANY
TURNOVER



5 x €

INVESTMENTS IN **JOBS**
AT **COMPANY LEVEL**



1 x €

INVESTMENTS IN
INFRASTRUCTURE

AGENDA

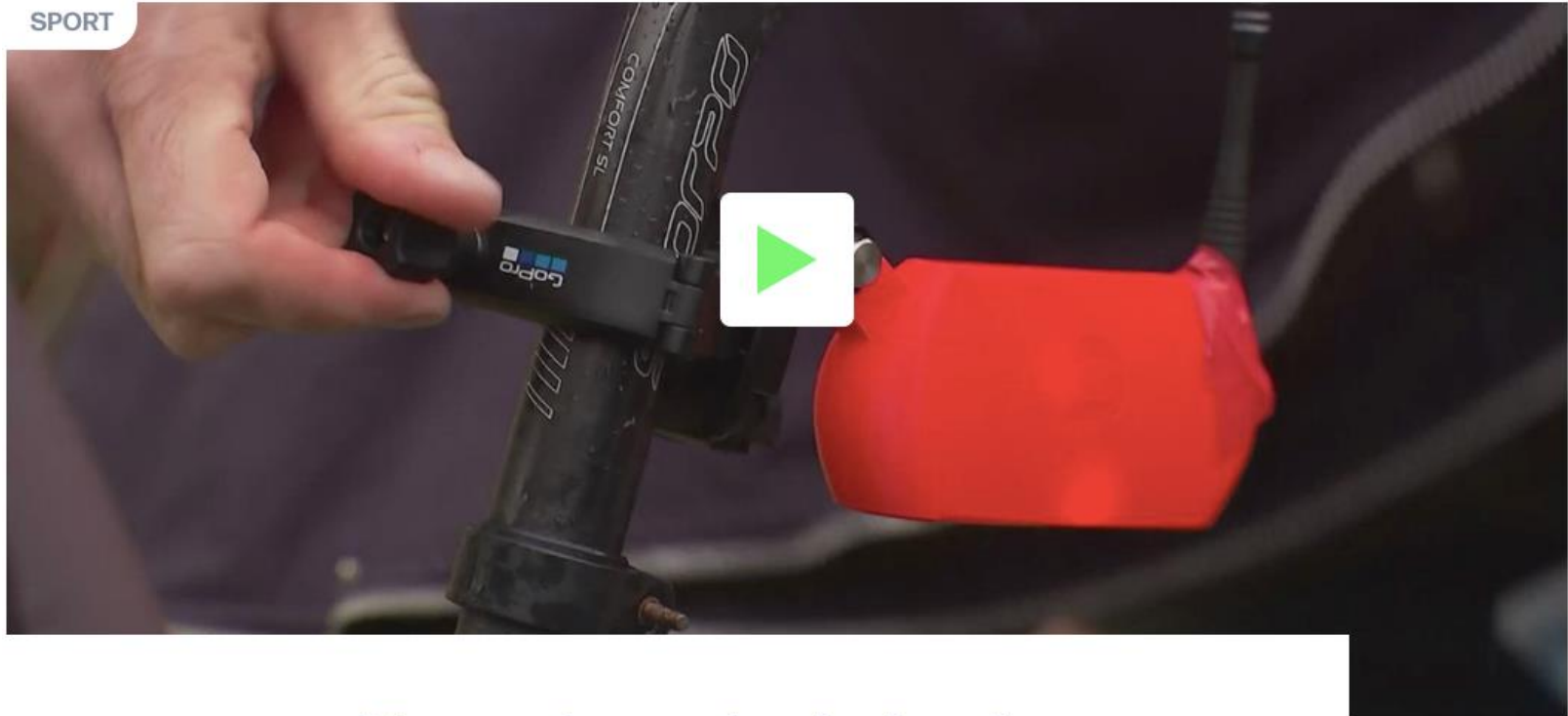
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EXAMPLE IMEC.ICON PROJECTS



SPORT



Nieuwe datatechnologie volgt prestaties wielrenners op in real-time

Simon Verbist
wo 07 nov 18:45



CONAMO

CONTinuous Athlete MOnitoring

15 KM/H



51°3' NB
4°53' OL

29

[Click on the image for the video](#)

ARIA

Augmented Reality for Industrial Maintenance Procedures

Click on the image for the video

SMART INDUSTRIES PROJECTS



HYCOWARE
hybrid connected warehouses



ELITE
*efficiency-optimized production lines
using industrial IoT enhancements*



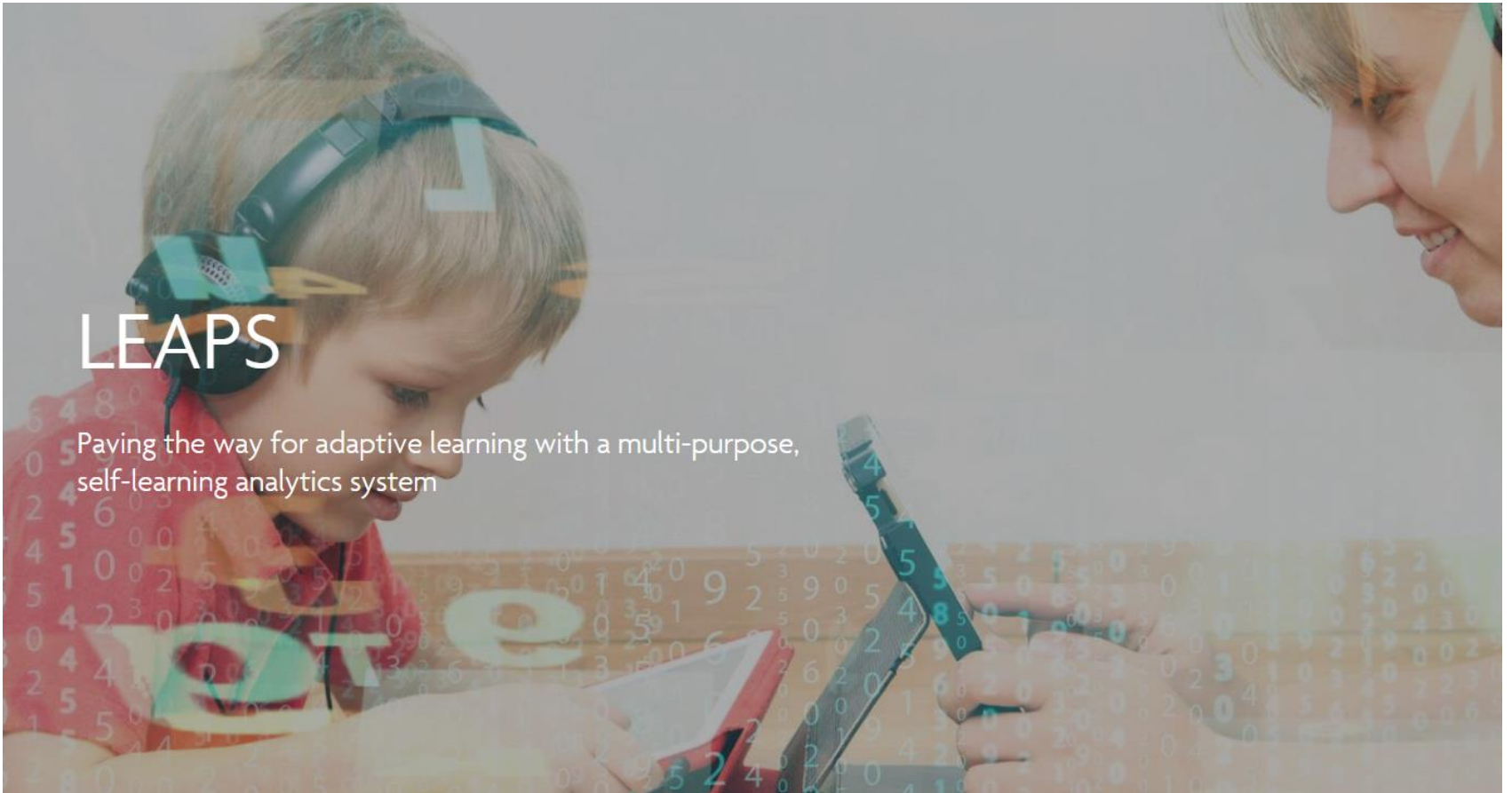
CLAXON
*improved interaction between
people and collaborative robots*



ARIA
*Augmented Reality for industrial
maintenance procedures*



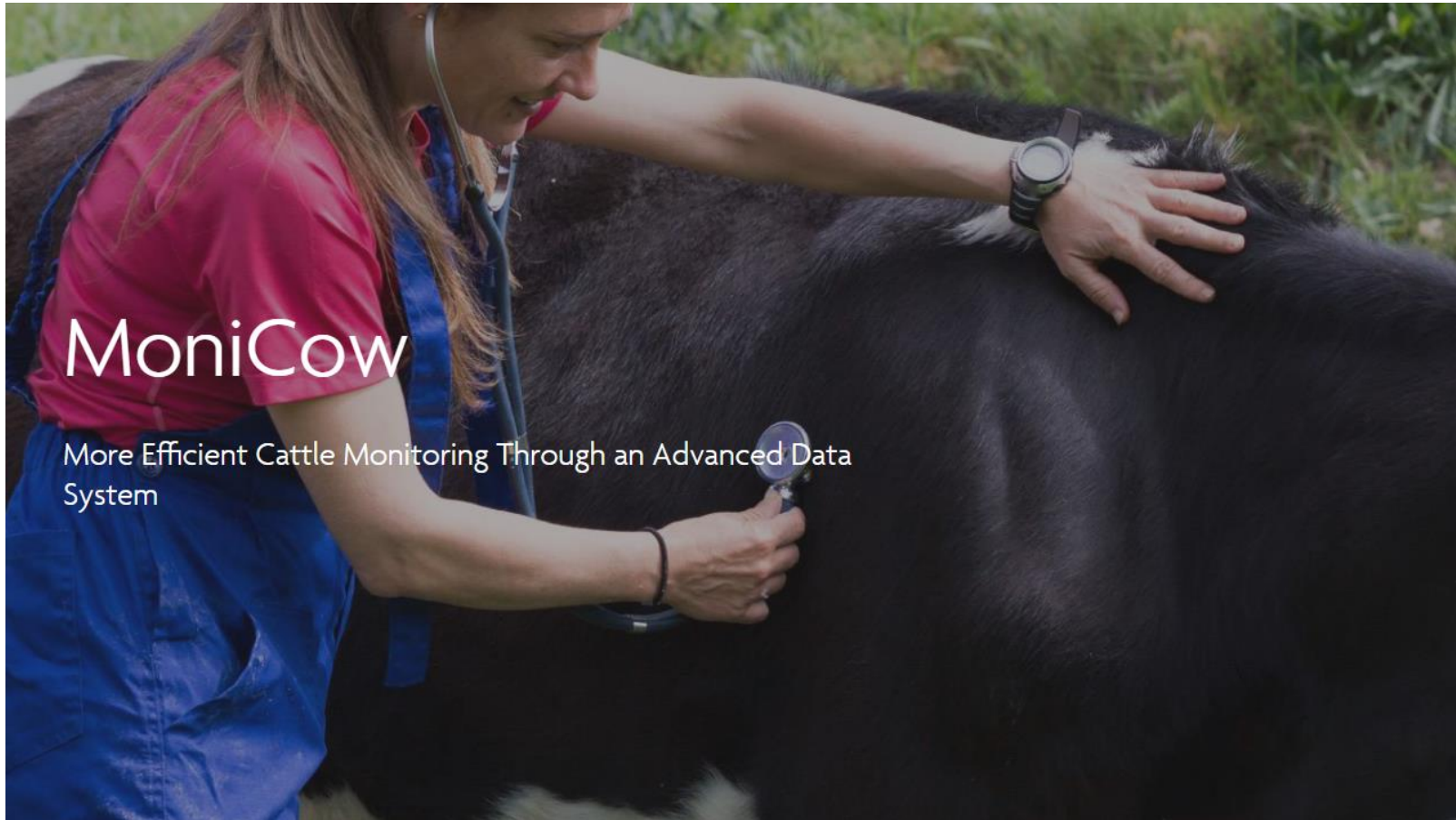
iXCon
*industrial X-ray CT for high
throughput quality control*



LEAPS

Paving the way for adaptive learning with a multi-purpose, self-learning analytics system

[Click on the image for the video](#)



MoniCow

More Efficient Cattle Monitoring Through an Advanced Data System

Click on the image for the video

A man and a woman are standing in a clothing store, looking at a tablet together. The woman is on the left, wearing a striped shirt, and the man is on the right, wearing a grey t-shirt. They are both looking down at the tablet held by the man. The background shows clothing racks and a potted plant.

LUNAR and the shop of the future

Enabling the shop of the future through localization
technology and behavioral science

[Click on the image for the video](#)

A hand in a white lab coat points towards a digital interface. The interface features several circular icons: a pill, two test tubes, a heart, a chemical structure with H_3C , an 'Rx' symbol, and a brain. The background is a blurred image of a person in a lab coat.

ROBO-CURE

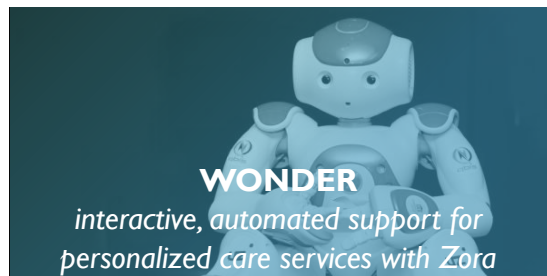
Social robots, connected devices and artificial intelligence to improve healthcare

[Click on the image for the video](#)

SMART HEALTH PROJECTS



I-CART
sensor-equipped garment that warns the firefighter when they are in harm's way



WONDER
interactive, automated support for personalized care services with Zora



ROBO-CURE
social robots, connected devices and artificial intelligence to improve healthcare



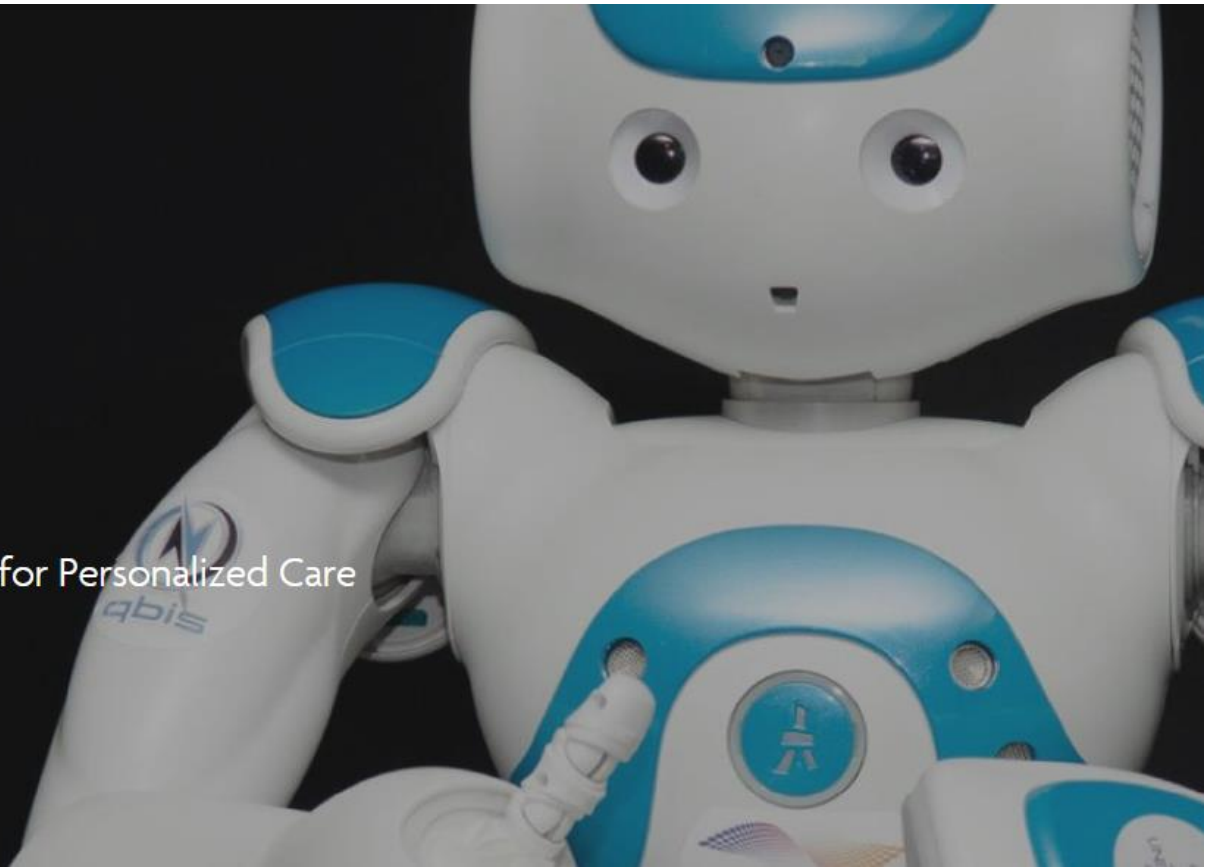
DISCRETE
supporting incontinence management in nursing homes through ambient monitoring and actionable data



PATRONUS
personalized anxiety therapy through longitudinal and user-aware services

WONDER

Interactive, Automated Support for Personalized Care Services



[Click on the image for the video](#)

HARDWARE PROJECTS

A technical line drawing of a foot and ankle with a sensor device attached to the ankle, emitting a signal.

i2AFO

flexible and stretchable sensors to monitor the movement of a patient's foot and ankle

A photograph showing a hand holding a smartphone next to a dark-colored suitcase.

Smart Suitcases

with integrated sensing, geolocation and identification functionalities

A line drawing of a hand on a steering wheel with a sensor overlay, and a car's dashboard with a circular display.

SHAKE

user experience of haptic mid-air feedback systems

A close-up photograph of a robotic assembly line with a blue background.

massLIFT

new method for mass assembly of ultra-small electronic components

A line drawing of a person wearing a helmet with a visor and a display screen showing a map.

SmartGLAZ

Head Mounted Display integrated onto helmet visor to display routing information

imec Magazine | November 2017

imec.icon, Smart Mobility 10 min

Imec.icon research provides Televic Rail with new insights into state-of-the-art technologies

Televic Rail conquers the world of rail transport by developing passenger information systems and sensor-based solutions that leave the competition far behind. The Belgian company does so by making good use of the insights and technologies from the imec.icon research projects.

↓ Scroll

imec Magazine | June 2018

Internet of Things, imec.icon, Smart Industries ⌚ 15 min

The internet of unexpected things

A selection of IoT projects that appeal to the imagination, in which imec collaborates closely with industrial partners.

↓ Scroll

BUSINESS REASONS TO CONSIDER IMEC.ICON

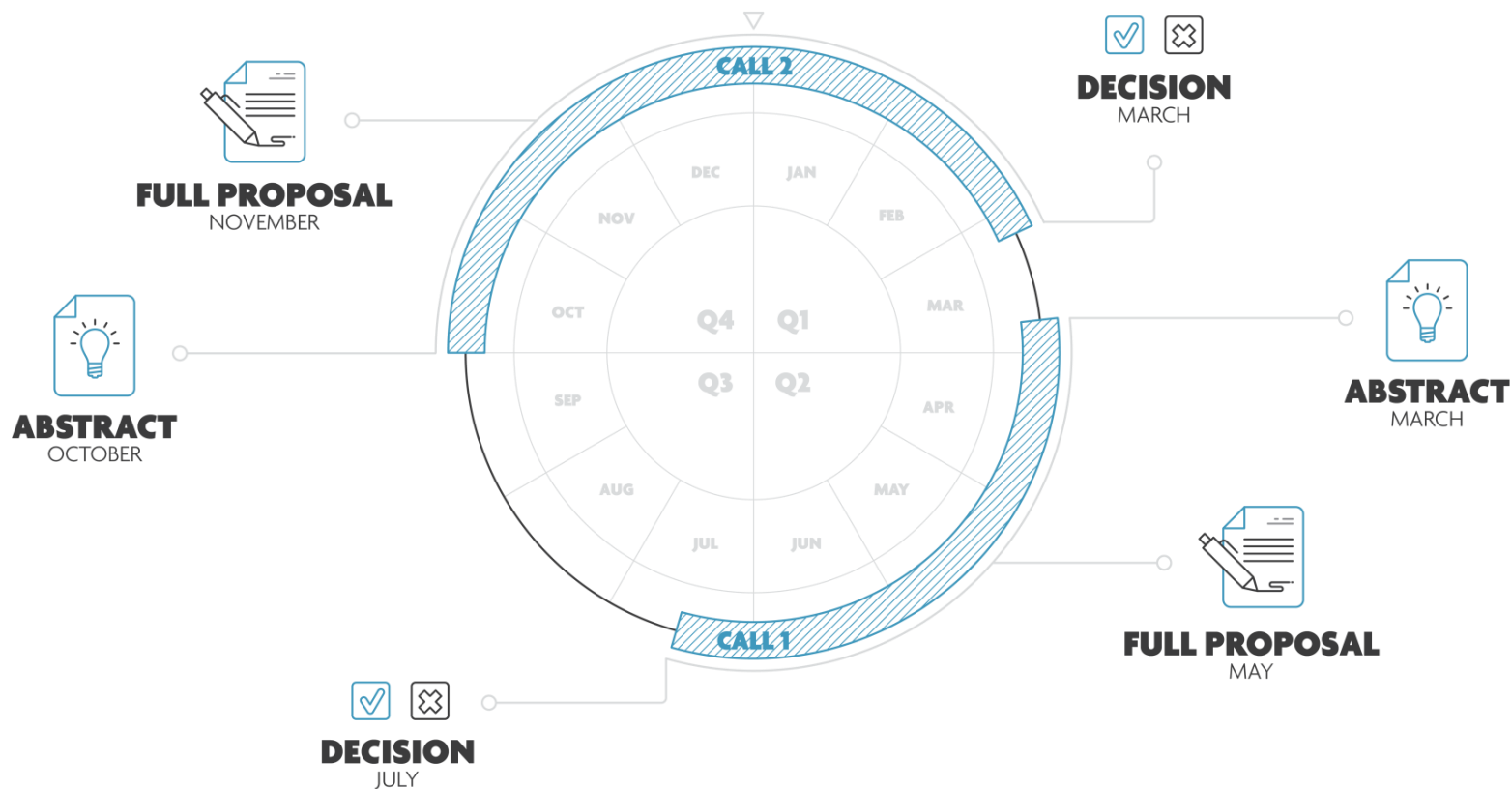
- imec's technologies and expertise can provide companies with **significant product / service differentiators**
- imec.icon enables companies to setup **collaborations across traditional silos**
 - Between different companies in an ecosystem or value chain
 - Between companies and knowledge institutions
 - Between different disciplines or domains of expertise
- imec.icon helps companies deal with **innovation risks**
 - **Co-innovation risk**: when multiple complementary angles are needed to realize an innovation
 - **Adoption-chain risk**: by involving end-users, value chain partners and other stakeholders in the development of the innovation
- imec's **large network** of researchers is well-connected to the Flemish ecosystem and helps companies find possible partners
- imec.icon projects deliver **tangible results** and support an **iterative approach**

AGENDA

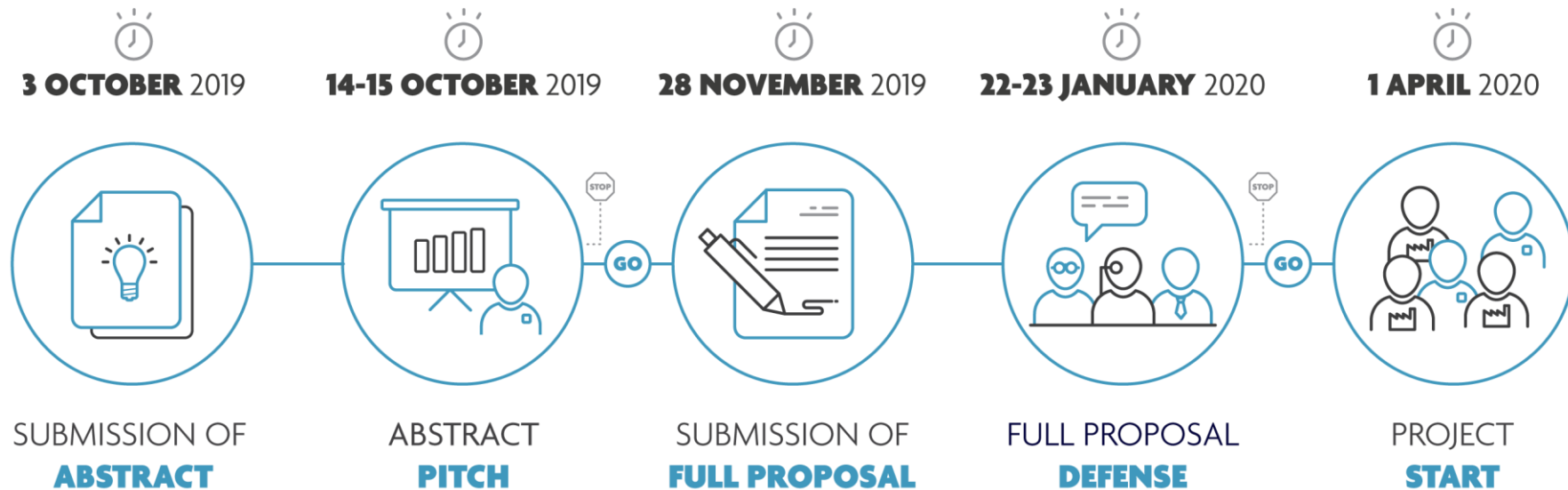
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IMEC.ICON – YEARLY CYCLE

FAST PROCEDURE FOR ROADMAP ALIGNMENT



IMEC.ICON EVALUATION PROCESS CALL 2019-2



ABSTRACT PHASE: EXTENDED ABSTRACT



Content Abstract:

- Cause and context of the project
- Innovation goals and outcome
- State of the art and leap of knowledge
- Valorization and Social/economic benefit
- Information on the partners



Templates available on imec [website](#)

ABSTRACT PHASE: PITCH BEFORE PANEL



■ Pitch

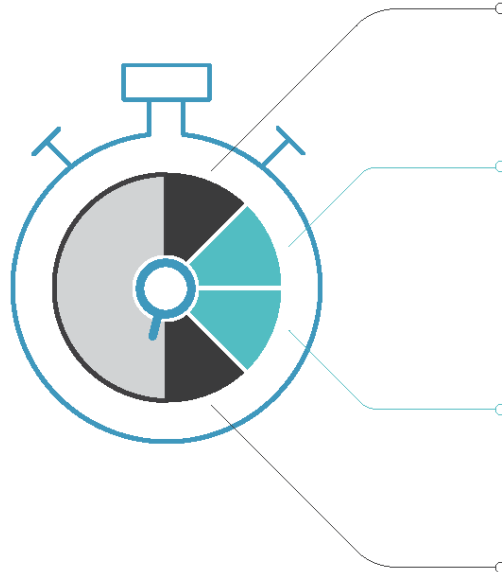
- Very short presentation (6 minutes)
- Followed by a short Q&A
- Consortium presence
 - Max. 5 consortium members, incl. research lead and project lead

■ Panel

- External domain experts
- Representatives of imec

PITCH FLOW

30 MINUTES
PER CONSORTIUM



PANEL ONLY 5 MINUTES

Expressing the most important remarks & questions



CONSORTIUM 6 MINUTES

Pitch presentation



CONSORTIUM & PANEL 8+2 MINUTES

Q&A



PANEL ONLY 9 MINUTES

Discussion + scoring



Abstract Jury: **focus on general quality, valorization & fit**

- One jury **for all abstracts**
- Jury appointed by imec*: Patrick Crasson, Martin De Prycker, Herman Derache, Marc Engels, Luis Munoz, Ruth Breu, Mart Graef, Menno Kok and Marc van Lieshout

* in cases of a conflict of interest, jury members do not participate in the evaluation of the abstract

ABSTRACT PHASE: EVALUATION CRITERIA ALIGNED WITH VLAIO AND INNOVIRIS R&D CRITERIA

- Clearly defined and realistic **research objectives**
- Good social/economic **valorization perspectives** and high **added value** of the project
- Strong **cooperative nature** of the consortium and **market-driven character** of the project
- Well-balanced and sufficient **effort contribution** and realistic **timing**

IMEC.ICON EVALUATION PROCESS CALL 2019-2

FULL PROPOSAL PHASE





High-level content Full Proposal:

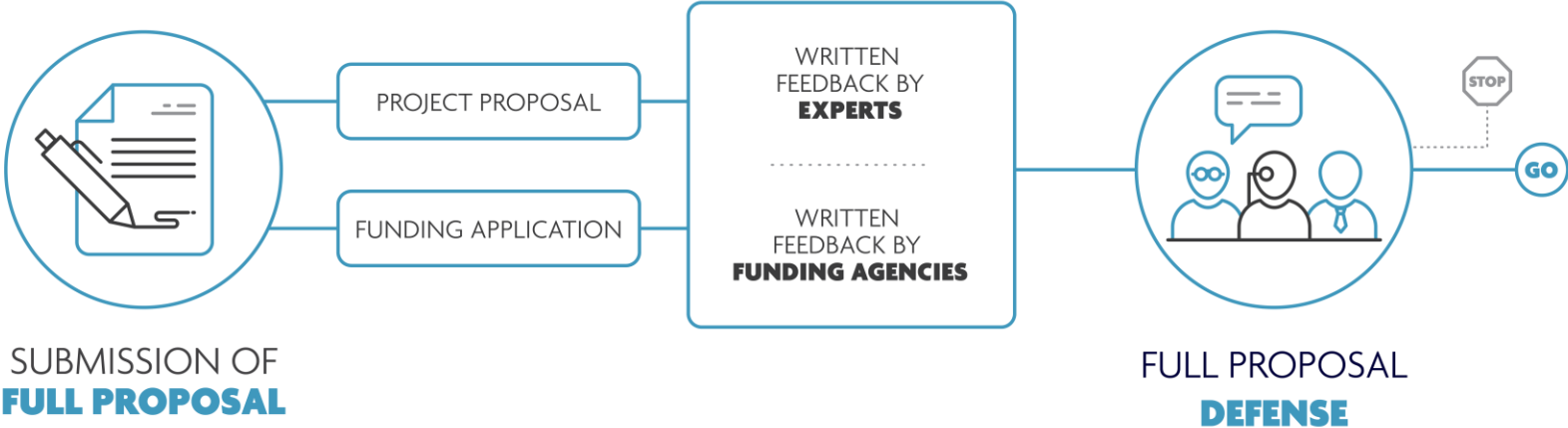
- Information on the whole imec.icon project
 - Cause and context, Innovation goals, Implementation
- Partner-specific information
 - Valorization information
 - Requested funding (if applicable)

INFO SESSION ON FULL PROPOSAL

OCTOBER 22 @ HERMAN TEIRLINCK BRUSSELS

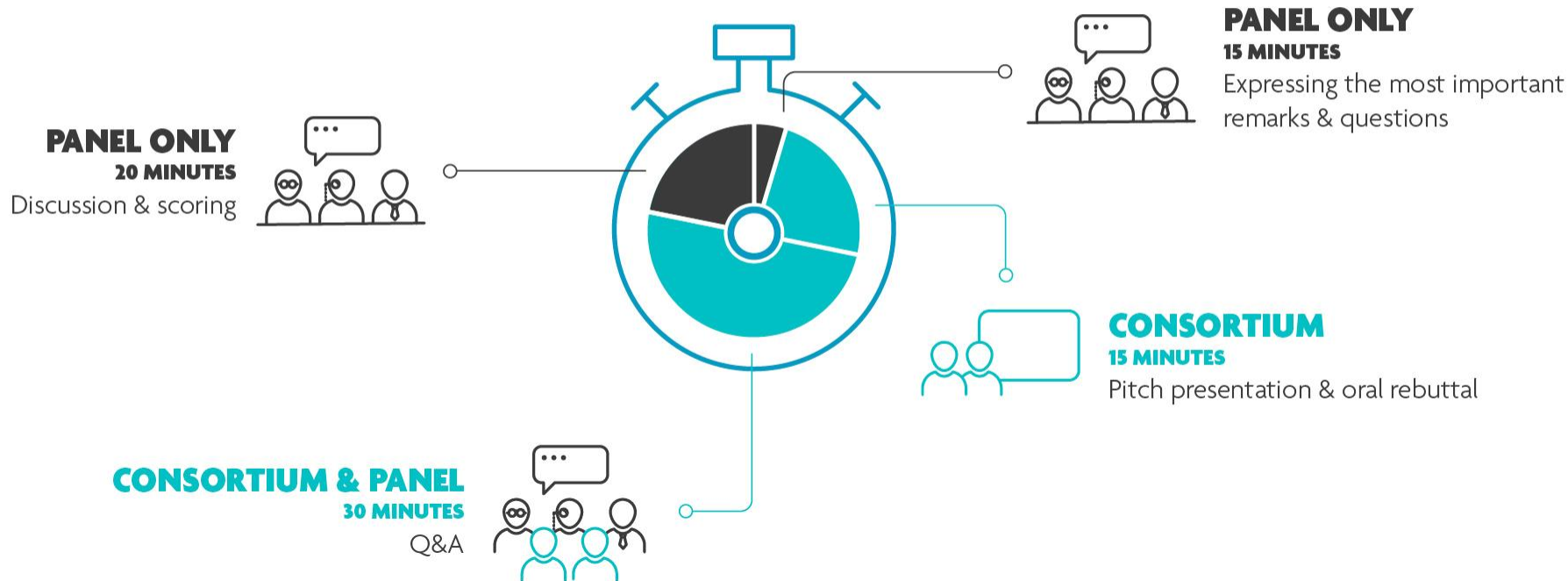
- 10am – 12.30pm: General info session
 - Detailed session with tips & tricks
- 12.30pm – 2pm: lunch and 1-on-1 sessions
- 2pm – 3.30pm: Sessions specific on valorization (industry partners)
 - Co-organized with Team Bedrijfstrajecten (Innovatiecentrum)
 - Strongly advised for first-time applicants

FULL PROPOSAL PHASE: EVALUATION PROCEDURE



DEFENSE FLOW

80 MINUTES PER CONSORTIUM



FULL PROPOSAL PHASE: EVALUATION CRITERIA

ALIGNED WITH VLAIO AND INNOVIRIS R&D CRITERIA

- **General criteria for research projects**
 - **Objectives:** clear innovative character, real challenges, leap of knowledge,...
 - **Potential to achieve objectives:** feasible workplan, identified risks, available expertise,...
 - **Impact:** realistic and convincing business case for each partner
 - Details on the business case in a confidential part
 - **Potential to realize impact:** strengths or remarks on market potential, real market(s) of realistic growth, accessibility by the partners, external factors, regulations,...
- **ICON specific criteria**
 - **Effective collaboration between partners:** broad common goal, clear contribution for each partner, interdisciplinary approach,...
 - **Genericity of research:** application potential of the research results outside the consortium
 - **Research by research groups beyond SOTA:** clear added value w.r.t. the state of the art
 - **Compliance with EU state aid rules:** IPR model and term sheet

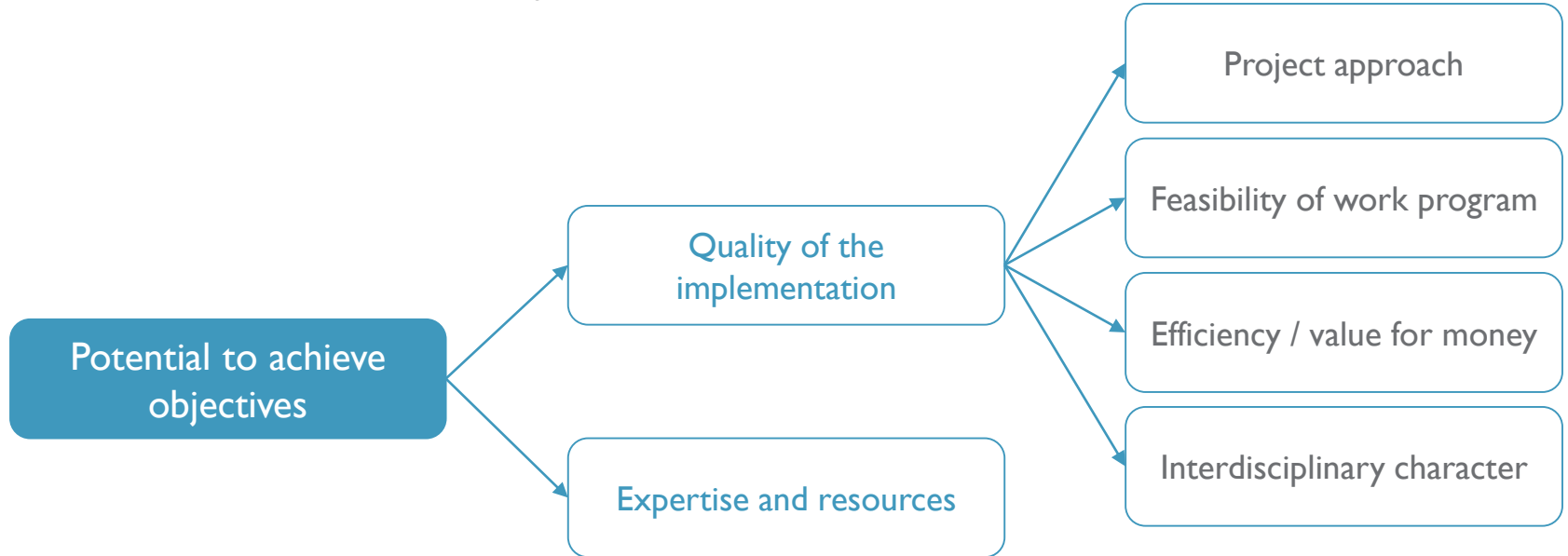
FULL PROPOSAL EVALUATION CRITERIA

I. OBJECTIVES



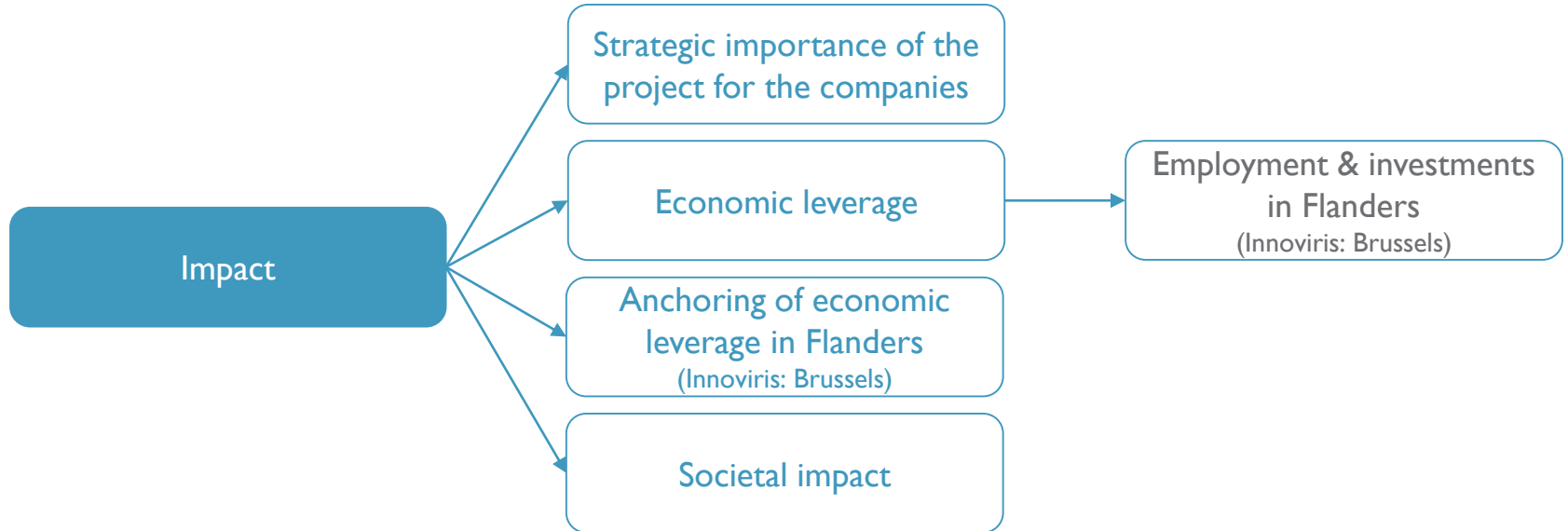
FULL PROPOSAL EVALUATION CRITERIA

2. POTENTIAL TO ACHIEVE OBJECTIVES



FULL PROPOSAL EVALUATION CRITERIA

3. IMPACT



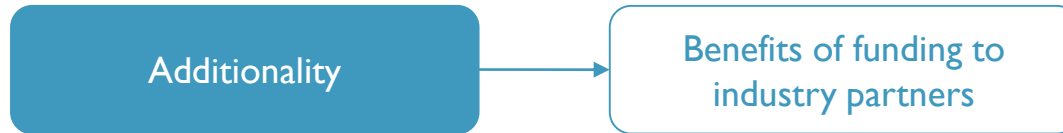
FULL PROPOSAL EVALUATION CRITERIA

4. POTENTIAL TO ACHIEVE IMPACT



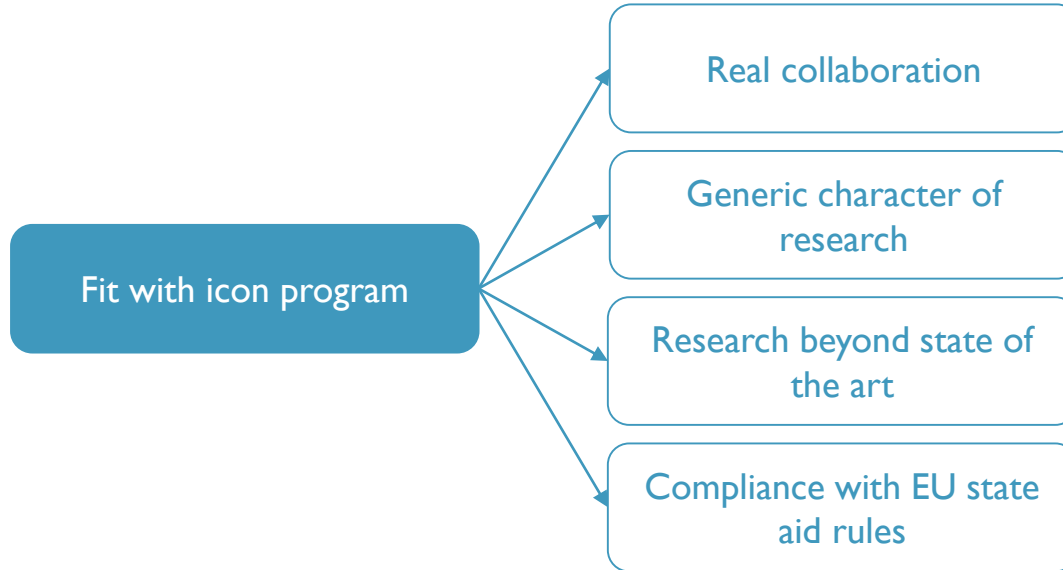
FULL PROPOSAL EVALUATION CRITERIA

5.ADDITIONALITY

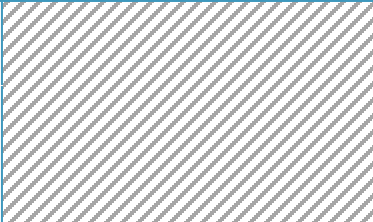


FULL PROPOSAL EVALUATION CRITERIA

6. FIT WITH ICON PROGRAM



POSSIBLE OUTCOMES FOR THE FULL PROPOSAL

Project funding imec and VLAIO	✓	✓	×
Industry funding VLAIO/Innoviris	✓	×	Not evaluated
	(if 50/50 rule is met)		
	imec EB selects projects based on full proposal evaluation ranking		

HOW TO SUBMIT YOUR APPLICATION

ABSTRACT AND FULL PROPOSAL SUBMISSION: VIA MYPROJECTS

MyProjects:

- Submitting your application
- Follow-up
- Reporting

The screenshot shows the imec MyProjects dashboard for a project named 'ZZ_DEMO2' (Phase: Project). The dashboard is divided into several sections:

- Navigation Menu (Left):** Includes links for DASHBOARD, SUMMARY, PROJECT DOCUMENTS, PARTNERS, MEMBERS, EXPERTS TO AVOID, BUDGETS, SCHEDULE, WORK PACKAGES, REPORTING, and CHANGE LOG.
- Dashboard Header:** Features the imec logo and navigation tabs for MYPROJECTS, FORUM, HELP, and FEEDBACK.
- CORE MEMBERS:** Lists roles and names:
 - INNOVATION MANAGER:** Raf De Kimpe
 - PROJECT LEAD, PROPOSAL MANAGER, RESEARCH LEAD:** ZZ_Carl De Pinte Ozig
 - VLAIO ADVISOR:** (Name not specified)
- DELIVERABLES AND MILESTONES:** Shows a milestone: 'D1.1 test, ZZ_Carl De Pinte Ozig, Aug 31, 2016'.
- WORK PACKAGES:** Lists three work packages, each with an 'Alert lead' button:
 - Work Package 0: Project M...
 - Work Package 1: Name ZZ_...
 - Work Package 2: Name of v...



[Tutorials](#) on how to submit

SUBMITTING YOUR PROPOSAL VIA MYPROJECTS

- The Proposal manager is responsible for creating and submitting the proposal

- Already a user in MyProjects?
⇒ Use the button in MyProjects

Start a new application

- Not a user in MyProjects?
⇒ Register via website



Start your new abstract as from tomorrow

NEED ACCESS TO MYPROJECTS

- If you are **not a Proposal manager**, but you need access to the platform, contact your proposal manager
- How to give access as Proposal manager:
 - Add the member
 - Give him a specific role or the role 'generate user'
 - The member will receive a mail with login information

MYPROJECTS

OVERVIEW OF THE ROLES

Role	What?	Who?	Access	How?	User?	Obligated?
Project lead	representative of the External partners	Project lead	all access	By editing Summary	Y	Abstract
Research Lead	Representative of the Research partners	Research Lead	all access	By editing Summary	Y	Abstract
Proposal Manager	Responsible for the submission proposal	Proposal manager	all access	By editing Summary	Y	Abstract
Core Role Delegate	For administrative support	e.g. Co-workers of the core roles	all access	By editing member	Y	No
Financial Lead	submitting financial report		can view project information + upload documents + access to edit the financial report	By editing member	Y	Full Proposal
Financial Lead without personnel cost details	submitting financial report		can view project information + upload documents + access to edit the financial report excluding personal costs	By editing member	Y	no
Workpackage Lead		Workpackage lead	can view project information + upload documents+ access to edit the status report for own workpackages	By editing WP	Y	Project ongoing
Generate User (no specific role)			can view project information + upload documents	By editing member	Y	no
Legal lead			no access	By editing member	N	no
Steer Co			no access	By editing member	Y	Project ongoing
Primary Contact for imec	Will be contacted by imec for important communication (decisions,...)		no access	By editing member	N	Abstract
University Lead	submitting financial report		can view project information + upload documents + Can change financial information of different research groups of one university	By editing member	Y	no

ABSTRACT SUBMISSION: VIA MYPROJECTS

DEADLINES AND TO DO'S

	Add directly	Upload	
Content	<ul style="list-style-type: none">• Project metadata• Partners + MM• Members + roles• Experts to avoid	<ul style="list-style-type: none">• Abstract doc (doc/PDF)• Resubmission letter• Motivation letter	<ul style="list-style-type: none">• Pitch slides (ppt)
Deadlines	October 3 12:00 noon		October 11 12:00 noon

ABSTRACT SUBMISSION: VIA MYPROJECTS

DIRECTLY IN MYPROJECTS

- Project metadata
 - Acronym
 - Project lead – research lead – proposal manager
 - Executive summary
- Partners + MM
- Members
 - Primary contact
 - Core role delegate
- Experts to avoid



Check VAT number of partners

ZZ_ICON-2017-2...

Phase: Abstract

[Validate Submission](#)[DASHBOARD](#)[SUMMARY](#)[PROJECT DOCUMENTS](#)[PARTNERS](#)[MEMBERS](#)[EXPERTS TO AVOID](#)[CHANGE LOG](#)

DASHBOARD

CORE MEMBERS

PROPOSAL MANAGER

ZZ_Sanne Willems Ext

ABSTRACT SUBMISSION: VIA MYPROJECTS

ABSTRACT DOCUMENT

- Cause & Context
- Innovation goals and outcome
- SOTA and leap of knowledge
- Valorization
- Details on partners



Abstract not eligible if over character limits

ABSTRACT SUBMISSION: EXTRA DOCUMENTS

EXTRA DOCUMENTS

- Pitch slides

If necessary:

- Resubmission letter
 - If your project has been submitted before in ICON AND if you have approval from imec to resubmit
- Motivation letter for new research groups
 - If it's the first time the research group participated in ICON

ZZ_ICON-2017-2...

Phase: Abstract

DASHBOARD

SUMMARY

PROJECT DOCUMENTS

PARTNERS

MEMBERS

EXPERTS TO AVOID

CHANGE LOG

PROJECT DOCUMENTS

The maximum size per document is 25MB. If you have a document that is larger or another file type, please contact icon@imec.be and transfer by a manner of your own choosing.

TEMPLATES

ICON ABSTRACT

What? Document containing the offline sections of the ICON Abstract.

Templates

Template (ENG)

[Link to template](#)

ICON ABSTRACT MOTIVATION LETTER

What? Motivation letter for first-time research groups:
First-time research groups in ICON that want to request research funding from iMinds, have to provide a motivational side letter.

This document is free format, but needs to contain the following elements:

- Which research group? (university - faculty - research group...)
- Why did the consortium choose this research group?
- The document needs to be signed by the Research lead.
- Length: 0.5-1 A4 page
- Language: free choice NL or Eng

ICON ABSTRACT PITCH SLIDES

What? PowerPoint template for the slides for the pitch before the expert panel.

ICON ABSTRACT RESUBMISSION LETTER

What? If an ICON project already has been submitted in a previous call, the following procedure needs to be followed:

- Prior to resubmission, a mandatory meeting has to be set up with COO (Danny Goderis) and the instrument leader (Piet Verhoeve) to discuss the feedback & modifications for resubmission. Please contact els.van.bruijstegem@iminds.be in order to set up such a meeting.
- Prepare a resubmission document prior to the meeting, that contains a description of the major changes between this submission and the previous one (what will be added/removed/clarified...). This document is free format (e.g. one pager, slideset).
- The meeting will result in a decision if a resubmission will be considered.
- The resubmission document needs to be uploaded on the MyProjects platform (same deadline as the abstract document).
- The resubmission document will be sent to the evaluation panel together with the abstract information.

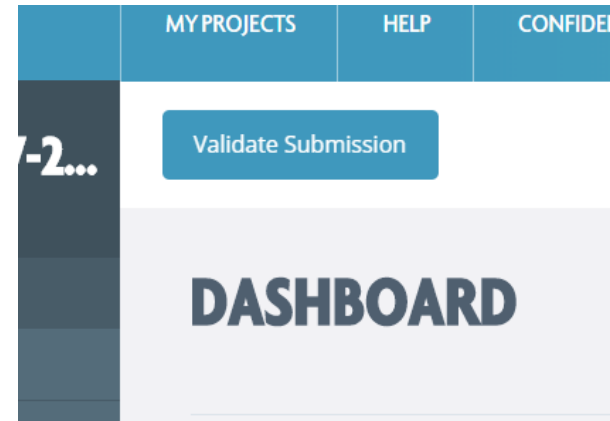
ADD DOCUMENT

Project Document Type

--None--

VALIDATE AND SUBMIT YOUR PROJECT

- Steps to submit your project as a proposal manager
 1. Start your application
 - ① don't wait until the end of September
 1. Fill in all information and upload the necessary documents
 2. Validate to check if all information is correct
 - ① you can validate as many times as you want
 3. Submit the project using the submission button



AGENDA

- imec
- imec.icon
 - What is an imec.icon project?
 - Expected outcome of an imec.icon project
 - Intellectual property rights
 - Effects at companies
 - Examples
 - Application procedure
 - [VLAIO and Innoviris funding](#)
 - Contracts

APPLYING FOR VLAIO OR INNOVIRIS FUNDING

- Funding application within the imec.icon procedure

- VLAIO (Flemish region)

AGENTSCHAP
INNOVEREN & ONDERNEMEN

- Innoviris (Brussels region)

 **innoviris**
.brussels 
we fund your future

FUNDING BY
AGENTSCHAP INNOVEREN & ONDERNEMEN
www.vlaio.be

FUNDING BY VLAIO: ELIGIBILITY

- For organizations (companies or non-profit) with activities in Flanders
- For innovation topics in all domains, restrictions for military and dual use applications: <https://www.vlaio.be/nl/subsidies-financiering/onderzoeksproject/voorwaarden/projecten-met-militair-tweeerlei-gebruik-dual>
- Since October 2017: no funding for companies in difficulties (European definition):
 - Criteria for all companies: equity is less than 50% of the share capital
 - For large companies, two extra criteria:
 - Debt to equity ratio $> 7,5$
 - EBITDA interest coverage ratio $< 1,0$
 - More information on <http://www.vlaio.be/onderneming-in-moeilijkheden>

FUNDING BY VLAIO: BUDGET

- **Budget contains:**
 - Payroll costs: gross salary x (factor 1.00 - 1.68 depending on benefits one may have)
 - Other costs: max. € 40.000/FTE (of which max. 20.000 indirect costs, direct costs to be listed)
 - Possibly large subcontractors (> 8.500 €, offer with price detail needed)
- **Funding = percentage of budget**

FUNDING BY VLAIO: PERCENTAGES

- Basic funding percentage
 - 50% for research activities; 25% for development activities
 - Differentiation based on **important challenges and risks**
 - Considering activities per partner or per work package
- Extra funding
 - SME
 - Upto +20% (SE) and upto +10% (ME)
 - **No longer +10% for collaboration within an ICON-context**
- Basic funding + extra funding:
 - min. 25%
 - **Overall max. 60% for a research project and max. 50% (45%) for a development project**



INNOVIRIS

FUNDING BY INNOVIRIS: ELIGIBILITY

- **Companies which:**
 - Develop all or some of their activities within the Brussels-Capital Region
 - Are not in difficulty, in accordance with the European legislation
 - Are proposing a R&D project presenting the development, completion or implementation of an innovative product, process or service
 - Can show their ability to finance their share in the project
 - Have fulfilled their obligations in the context of previous support initiatives granted by the Region.

- **SMEs and Large Enterprises**

FUNDING BY INNOVIRIS: RESEARCH vs DEVELOPMENT

- imec.icon industry partners can apply for R&D funding
- R&D project
 - **Industrial Research:** series of activities carried out with a view to acquiring new skills and innovative scientific knowledge designed to develop a product, procedure or service.
 - **Experimental Development:** activities designed to apply the results of industrial research in the form of prototype products, procedures or services.
- Not exclusively Brussels partners within imec.icon consortium (at least 3 in Flanders)

FUNDING BY INNOVIRIS: PERCENTAGES

- **Basic funding percentage of Budget**
 - 25% development project
 - 50% research project
- **Extra funding**
 - SME
 - SE (+20%) / ME (+10%) (in case of doubt: contact Innoviris)
 - Collaboration +15% when, considering the project part for which funding is granted,
 - Contains at least 1 SME as project partner and
 - None of the partners contributes more than 70% of the budget → in ICON-project fulfilled
- **Basic funding + Extra funding: min. 25% max. 80%**

FUNDING BY INNOVIRIS: IMPORTANT EVALUATION CRITERIA

- Strategic and economic impact (Incentive effect of the financial aid, FP, BP, ...)
- Valorization: economic impact for the Brussels Region
- Adequate valorization information is part of eligibility for Innoviris application
- Attendance full proposal info session October 22 incl. preliminary discussion with Innoviris adviser is strongly recommended, especially for companies with no or little experience with Innoviris funding

AGENDA

- imec
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 - **Contracts**

ICON NDA AND LOI

- **Non Disclosure Agreement (NDA)**
 - Recommended to use from abstract phase onwards
 - Own choice consortium

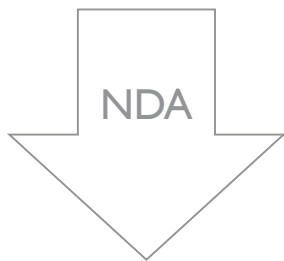
- **Letter Of Intent (LoI)**
 - Mandatory at full proposal phase
 - Template not be changed. May be submitted in English or in Dutch
 - Content:
 - Intention of each partner to implement its own task package
 - Acceptance of the imec.icon Consortium Agreement

IMEC.ICON NDA AND LOI



Today

First talks on the project

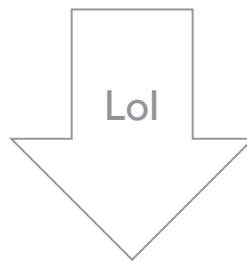


Recommended
as soon as project talks start



October 3

Abstract submission

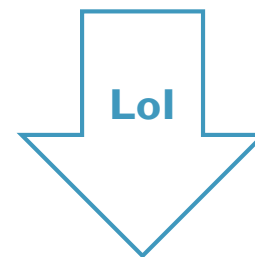


Recommended
as of abstract submission



November 28

Full proposal submission



Mandatory
(part of full proposal submission)

CONTRACTS TO BE SIGNED AFTER PROJECT APPROVAL

- **Collaboration Agreement (CA, Samenwerkingsovereenkomst)**
 - Binding for **all** parties
 - imec (incl. universities) <> all industry partners
 - Stating imec's and all partners' research input
 - Aspects: project description, operations through steering groups, ownership of results, publication rights, background IPR, ...
- **VLAIO or Innoviris Funding Agreement (FA, Steunovereenkomst)**
 - VLAIO or Innoviris R&D funding approval
 - VLAIO or Innoviris <> **funded** industry partner(s)
 - Co-signed by imec
- **User group Agreement (if applicable)**

NEXT STEPS

THINGS TO DECIDE

- Project idea
- Consortium
 - Industry
 - Research
 - User group (if needed)
- Proposal manager
 - MyProjects
 - MyMinds

EARLY-CONSORTIUM CONTACT MOMENTS

- Who?
 - Consortium with an imec Innovation Manager
- What?
 - Sparring with consortium: idea, approach,...
 - Is imec.icon the right instrument?
 - Match-making with extra partners (e.g., missing expertise)
- How?
 - Physical meeting
 - Optional, upon request by consortium
 - Fix a date via [this form](#)

SET UP A MYMINDS COLLABORATION SPACE

MyMinds:

- ✓ Collaborating tool
- ✓ Document library
- ✓ Process follow-up
- ✓ Everything ready when project gets approved

How?

- Optional, upon request by consortium
- Send mail to icon@imec.be

MARK YOUR CALENDAR

3 OCT	Abstract submission	12:00 noon
11 OCT	Pitch slides submission	12:00 noon
14-15 OCT	Abstract Pitch	
22 OCT	Full proposal info sessions	10 am – 1 pm
28 NOV	Full proposal submission	12:00 noon
22-23 JAN	Full proposal defense	12:00 noon
1 APRIL	Start project	

CONTACTS

CONTACTS FOR IMEC.ICON

**IMEC.ICON
PROGRAM MANAGER**

○—○ Steven Van Assche

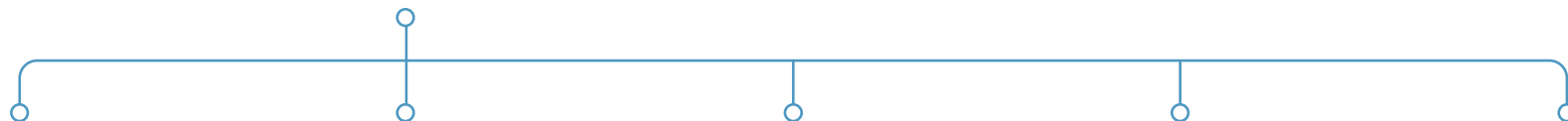


**QUESTIONS REGARDING CALLS,
WEBSITE, MYPROJECTS, IP & CONTRACTS**
icon@imec.be

○—○ Sanne Willems
○—○ Charlotte Waegebaert



QUESTIONS REGARDING CONTENT



Annelies Vandamme

Eric Moons

Kasper Jordaens

Eric Van der Hulst

Dirk Hamelinck



CONTACTS FOR ICON

- Questions regarding **VLAIO** funding

[Veerle Desmet](#)

AGENTSCHAP
INNOVEREN & ONDERNEMEN



- Questions regarding **Innoviris** funding

[Stijn Maas](#)

innoviris.brussels 
empowering research





embracing a better life