

# EUNIS AWARD WINNER BEST AV ENABLED EDUCATION SPACE

The hybrid virtual classroom@KU Leuven

Presented by Annelies Raes



# OUTLINE

- WHAT?  
The unique approach and design of the hybrid virtual classroom@KU Leuven, Kulak
- WHY?  
The institutional needs for designing the hybrid virtual classroom@KU Leuven, Kulak
- HOW?  
Evidence-based & experience-based design guidelines to enhance impact on students and teachers





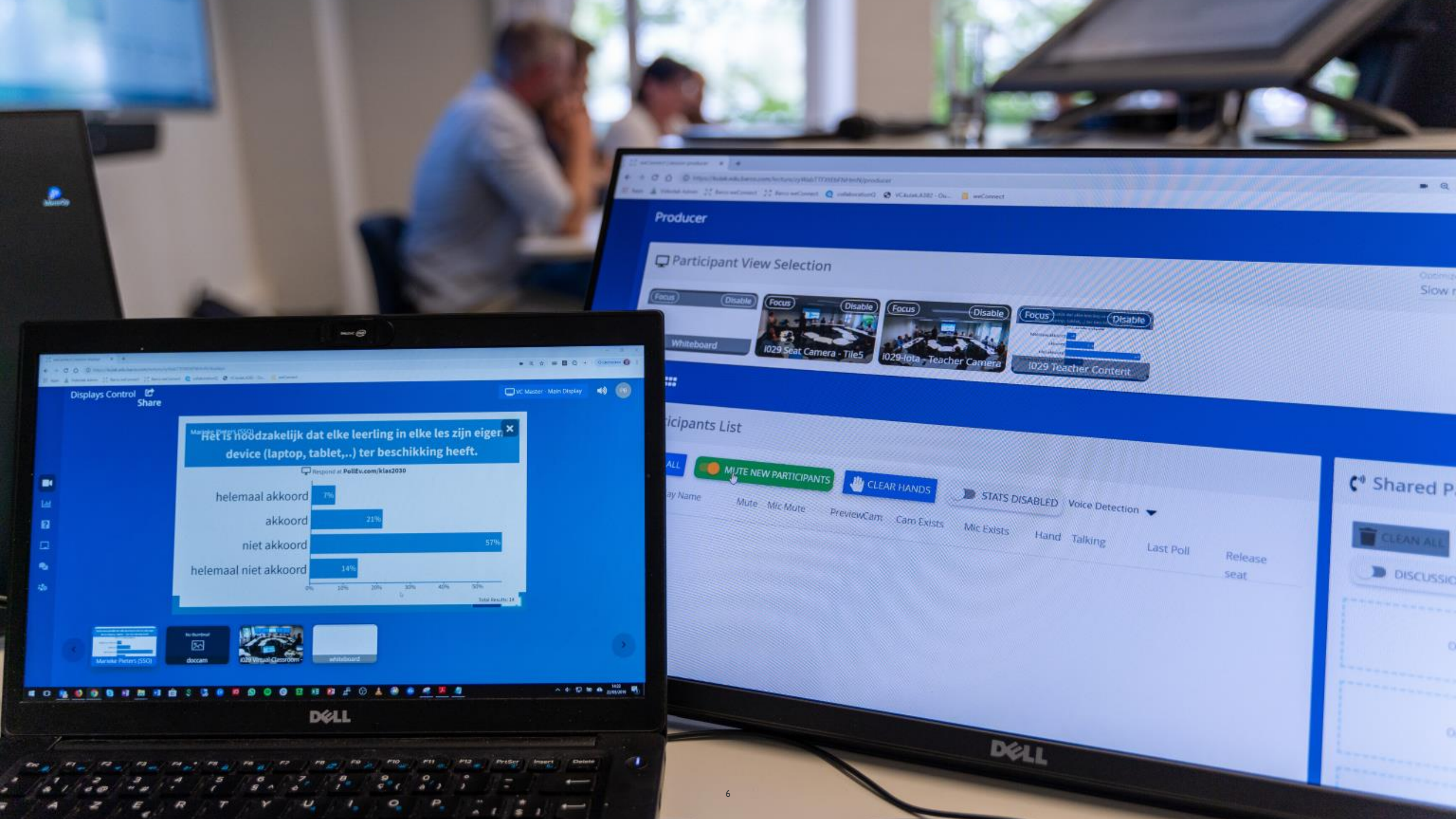












Displays Control Share

VC: Master - Main Display

**Het is noodzakelijk dat elke leerling in elke les zijn eigen device (laptop, tablet,...) ter beschikking heeft.**

Respond at PollEv.com/klas2030

Response	Percentage
helemaal akkoord	7%
akkoord	21%
niet akkoord	57%
helemaal niet akkoord	14%

Total Results: 14

Navigation icons: Murake Pieters (SSO), doccam, 1029 Virtual Classroom, whiteboard

DELL

Producer

Participant View Selection

Focus Disable Focus Disable Focus Disable Focus Disable

Whiteboard

1029 Seat Camera - Tile5 1029-Iota - Teacher Camera 1029 Teacher Content

Participants List

MUTE NEW PARTICIPANTS CLEAR HANDS

STATS DISABLED Voice Detection

Mute Mic Mute PreviewCam Cam Exists Mic Exists Hand Talking Last Poll Release seat

Shared P

CLEAN ALL DISCUSSION

DELL

## Double



Like / Dislike



True / False



Agree / Disagree



## Multiple Choice

A / B

1 / 2

A / .. / C

1 / .. / 3

A / .. / D

1 / .. / 4

A / .. / E

1 / .. / 5

A / .. / F

1 / .. / 6

A / .. / G

1 / .. / 7



## Open Answer

30 Characters

140 Characters

250 Characters





### Vragen over de inhoud

- Echtscheiding, onderhoudsuitkering
- V casus 1 flipped college EOT: Ik begrijp dat artikel 1288, lid 3 Ger.W. rechtsgeldig uitgesloten kan worden binnen een EOT-overeenkomst, maar zou Bart niet op grond van artikel 301, §10, lid 2 BW zich van de onderhoudsverplichting kunnen ontdoen? Hiervan staat dat de uitkering in ieder geval eindigt wanneer de onderhoudsgerechtigde (Laure) tot een nieuw huwelijk treedt, tenzij de partijen anders overeenkomen. Over deze situatie zijn Bart en Laure niks overeengekomen. Is dit artikel dan van toepassing en kan Bart zich erop beroepen?



# WHY?

## THE INSTITUTIONAL NEEDS FOR DESIGNING THE HYBRID VIRTUAL CLASSROOM@KU LEUVEN, KULAK

- The concept originated in 2016
- KU Leuven aimed to deal with current transitions in higher education



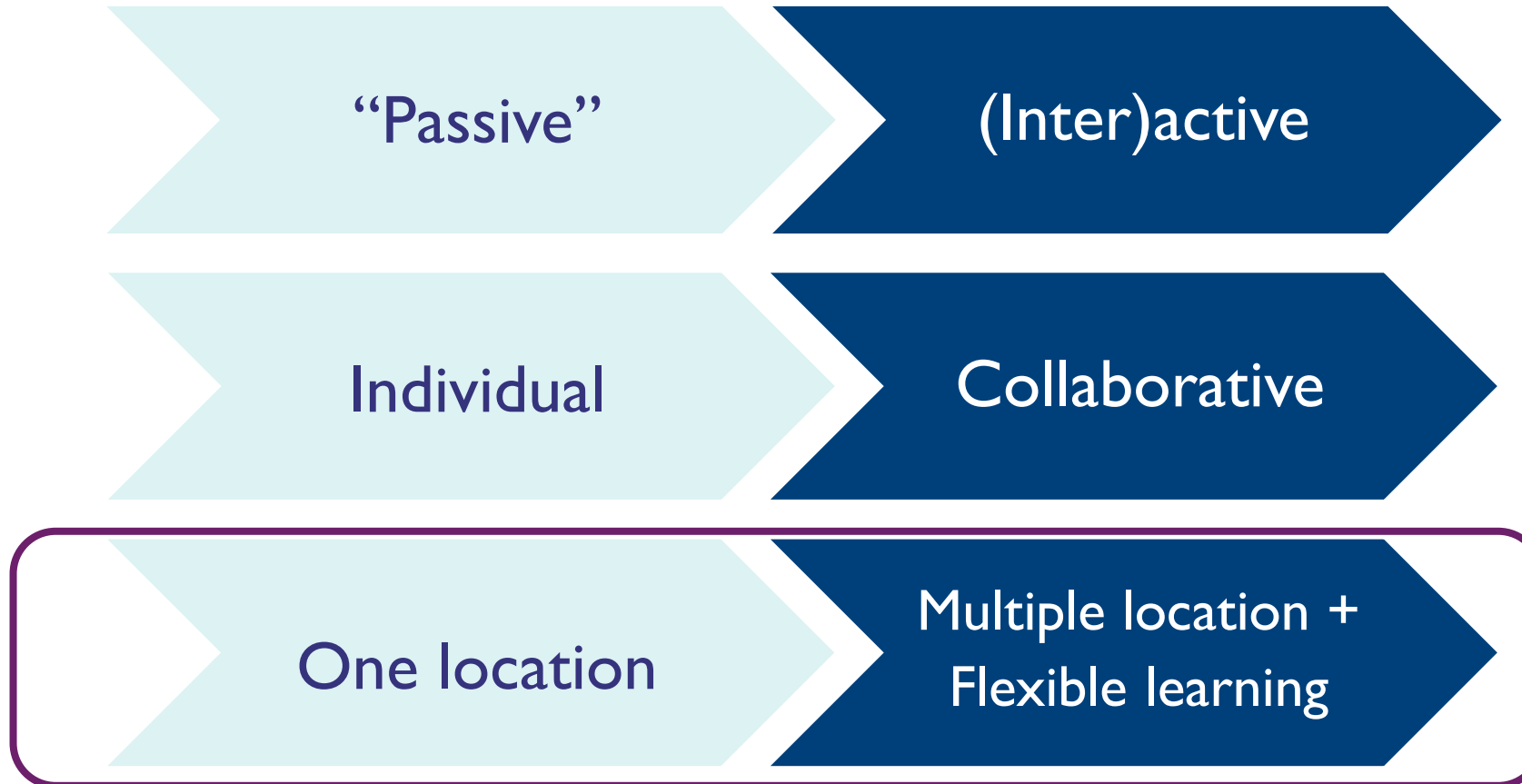


# WHY?

KU LEUVEN

kulak

THE INSTITUTIONAL NEEDS FOR DESIGNING THE HYBRID VIRTUAL CLASSROOM@KU LEUVEN, KULAK





# WHY?

## MARCH 16, 2020... TIME FOR A MAKEOVER



- See: <https://news.media-and-learning.eu/type/featured-articles/this-way-of-teaching-is-as-good-as-teaching-in-real-life/>





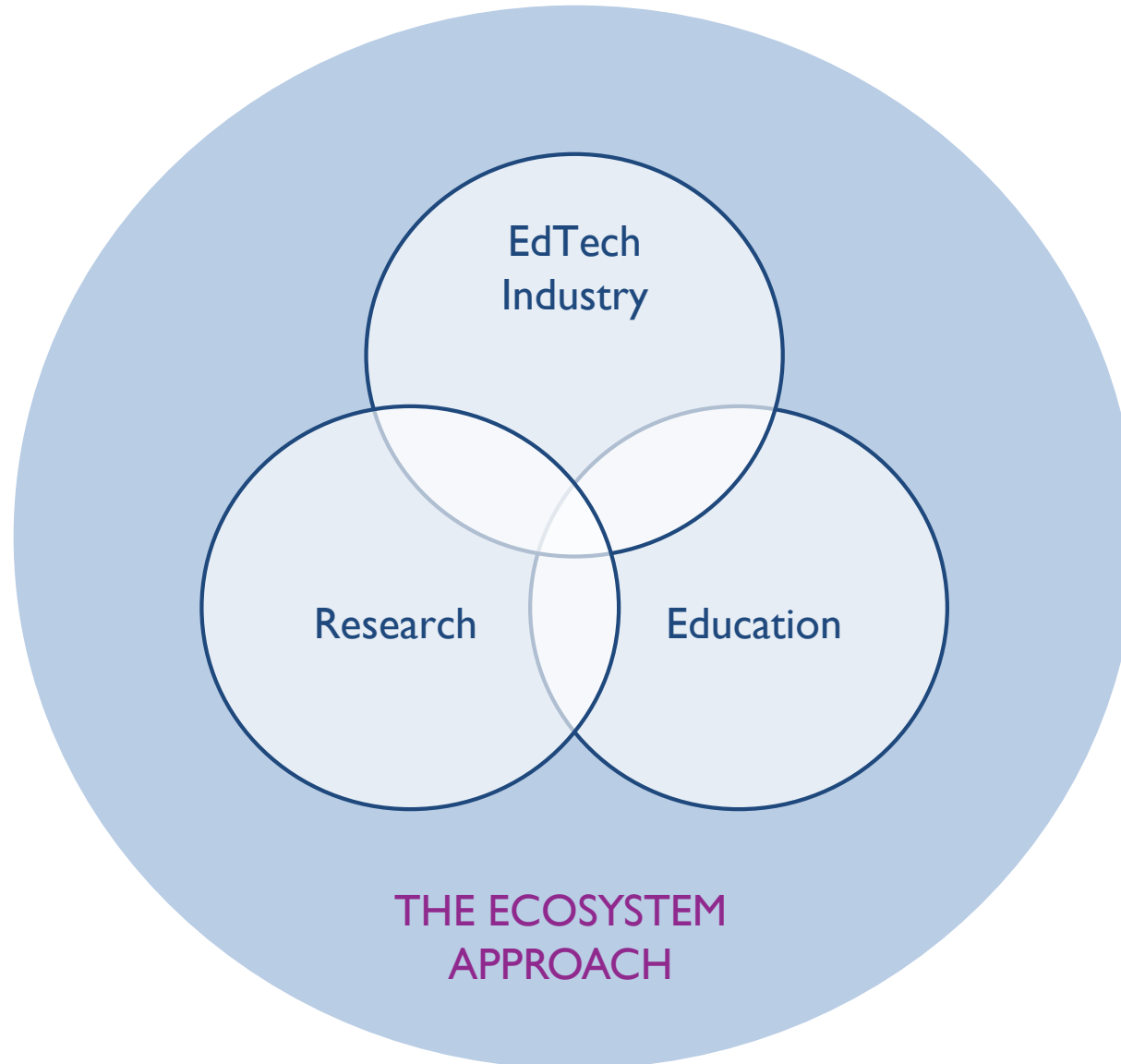




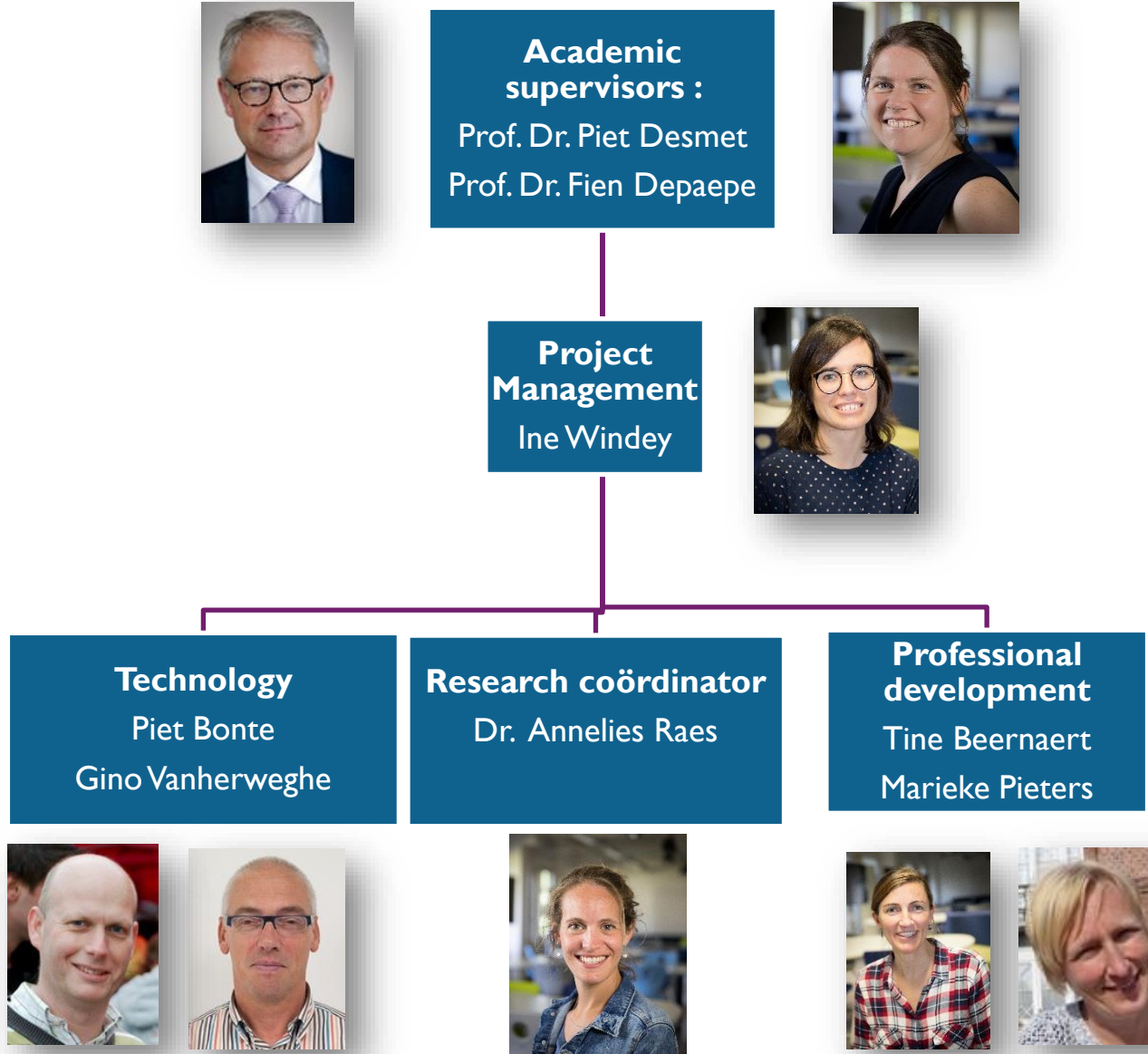


# HOW?

## GUIDELINES ON THE INSTITUTIONAL LEVEL



# COLLABORATION WITHIN THE UNIVERSITY





# COLLABORATION OUTSIDE THE UNIVERSITY



televic  
education



KU LEUVEN

kulak

# SYSTEMATIC RESEARCH ON EFFECTIVE REMOTE TEACHING

imec.icon

The imec.icon research program is our successful formula for demand-driven, cooperative research on hardware-, software- and combined hardware/software innovations. Over a period of typically two years, multi-disciplinary research teams of scientists, industry partners and/or social profit organizations work together to develop digital solutions that find their way into the market offer of the participating partners. The program has already resulted in over 50 completed projects in a wide range of application domains and markets including healthcare, industry 4.0, mobility, smart cities, energy, media and education.



## RESEARCH PARTNERS



## INDUSTRIAL PARTNERS





# HOW?

## GUIDELINES ON THE MICRO LEVEL: TEACHING & LEARNING

- **Prepare yourself and your session in advance**  
both technological and pedagogical
- **The importance of social presence**  
Make participants feel at ease and ask them to turn on their camera
- **Cognitively activate students**  
Use students' names, frequently ask questions, launch poll/quizz



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Learning and instruction in the hybrid virtual classroom: An investigation of students' engagement and the effect of quizzes

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# THANK YOU FOR JOINING THIS SESSION!

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