

📍 26–27 August 2026

🌐 KU Leuven, Ghent Campus & Online

Next-Generation Antimicrobial Nano-coatings for High-Traffic Surfaces

» Results from EU-funded projects from
HORIZON-CL4-2021-RESILIENCE-01-20



Funded by
the European Union



UK Research
and Innovation

Project funded by

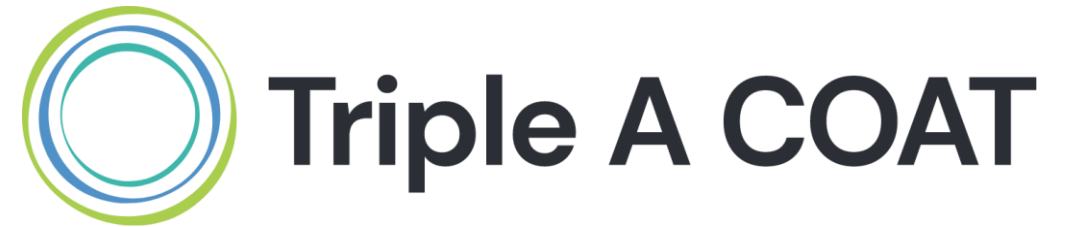


Schweizerische Eidgenossenschaft
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Swiss Confederation

Federal Department of Economic Affairs,
Education and Research E.A.R.
State Secretariat for Education,
Research and Innovation SERI

Four projects. Same Goal.



Workshop Programme

Wednesday, 26 August 2026

12:30 – 13:00 | Registration, coffee and light lunch

13:00 – 13:20 | Opening remarks and workshop objectives

13:20 – 15:00 | Session 1 - Innovation Showcase: Project Visions & Progress

- **13:20-13:45 | SUPREME** [Dr. Jan Van Impe, KUL]
- **13:45-14:10 | TRIPLE-A-COAT** [Dr. Hans Steenackers, KUL]
- **14:10-14:35 | NOVA** [Dr. Sara Espinoza, DECHEMA]
- **14:35-15:00 | STOP** [Dr. Artemis Stamboulis, University of Birmingham]

15:00 – 15:30 | Coffee break & Poster Viewing

15:30 – 17:30 | Session 2 – Technical Advances: Selected Project Results and Developments

- **15:30-16:00 | *Novel antimicrobial coatings require novel testing solutions: from real-life efficacy testing to prediction of resistance development***
Dr. Artemis Stamboulis, University of Birmingham & Dr. Roberto Marano, BAM
- **16:00-16:30 | *Antimicrobial surface solution for demanding sectors***
Dr. Elena Merli, NTT
- **16:30-17:00 | *ESKAPEEs versus Cyclic AMPs and 2-As: How to win the battle on surfaces***
Dr. Marina Rautenbach, Stellenbosch University
- **17:00-17:30 | *Machine Learning-Supported Development of Safe-and-Sustainable-by-Design Biopolymer-Based Antimicrobial Coatings: Lessons from NOVA***
Dr. Nihal Engin Vrana, SPARTHA Medical

17:30 | Networking social programme – brewery visit and tasting

19:30 | Dinner

Workshop Programme

Thursday, 27 August 2026

08:45 – 09:00 | Welcome coffee

09:00 – 10:30 | Thematic Session 1 – Antimicrobial performance and durability

Moderator: Dr. Simen Akkermans, KU Leuven

Speakers Panellists:

- Dr. Pieter Samyn, SIRRIS
- Dr. Artemis Stamboulis, University of Birmingham
- Dr. Vasilis Valdramidis, National and Kapodistrian University of Athens
- Dr. Zania Stamataki, University of Birmingham

10:30 – 11:00 | Coffee break

11:00 – 12:30 | Thematic session 2 – Sustainability and Safety

Moderator: Dr. Ines Thiers, KU Leuven

Speakers Panellists:

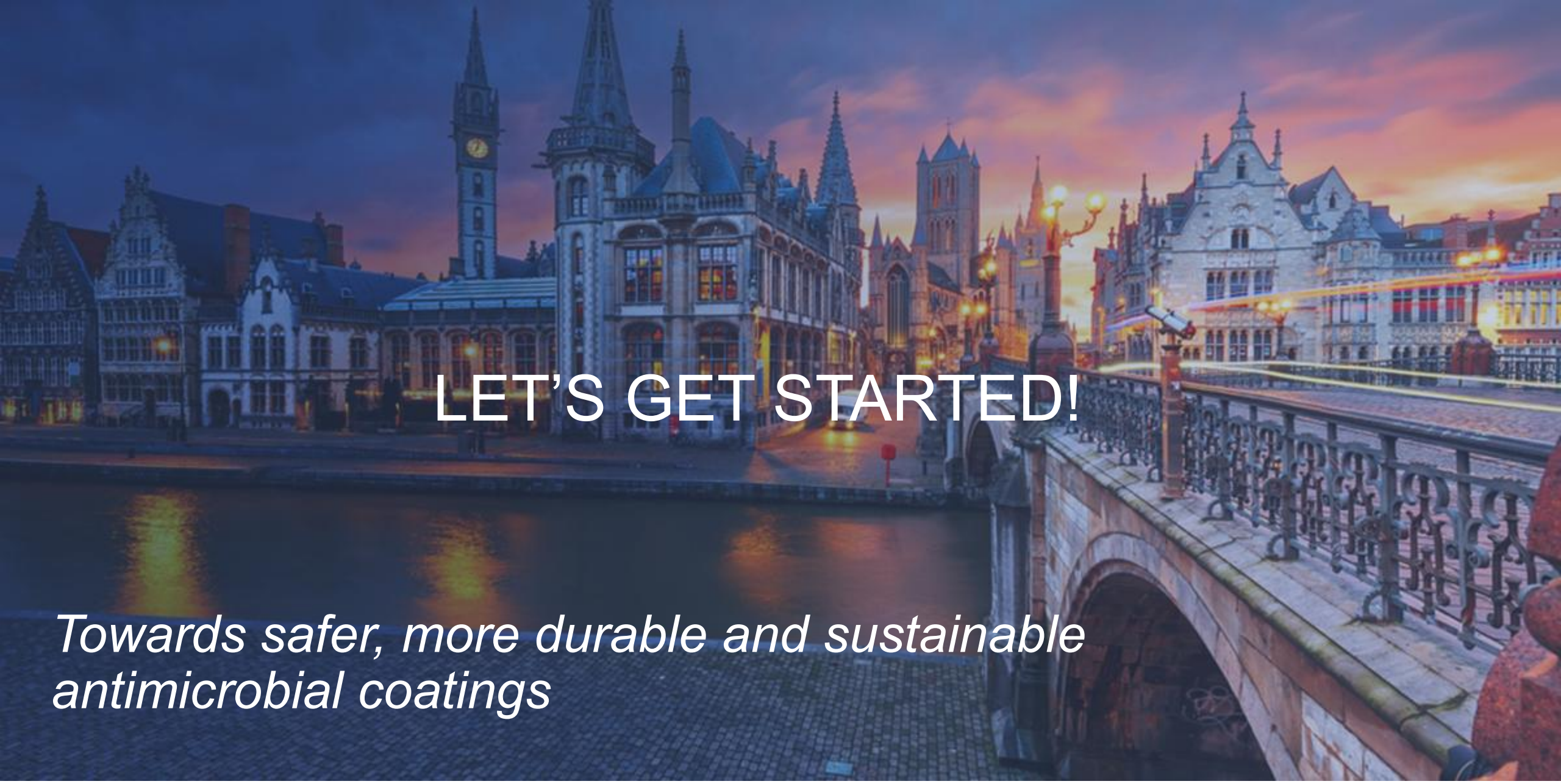
- Dr. Ivan Muñoz, 2-0 LCA
- Dr. Henny van der Mei, University Medical Center Groningen
- Dr. Hans Bouwmeester, Wageningen University
- Dr. Dr. Bernd Nowack, EMPA

12:30 – 14:00 | Lunch

14:00 – 15:30 | Next-Generation of Coating development: From research to real world uptake

15:30 – 16:00 | Wrap-up discussion and concluding remarks

16:00 | End of workshop



LET'S GET STARTED!

*Towards safer, more durable and sustainable
antimicrobial coatings*