

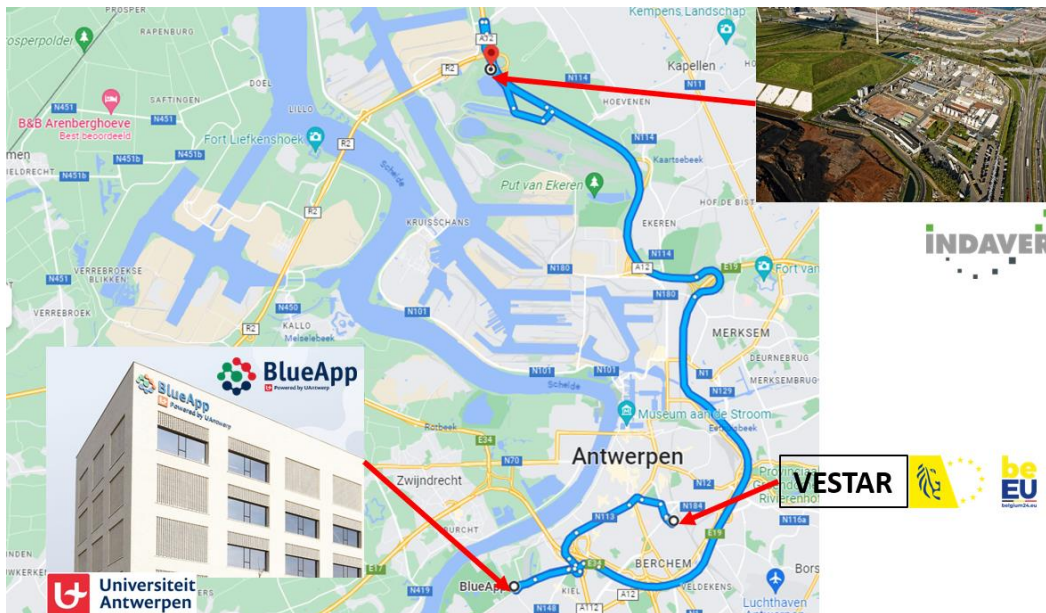
Technology excursion linked to the PFAS event

2/2/2024 – 14-18h

General information

The treatment of PFAS containing soil, water and wastes requires special attention and new technology development. During a 4 hours field visit, you will visit the technical installations that are being used to treat PFAS-containing wastes and wastewater. There will also be the possibility to visit technology developments and talk to people who are involved.

- Stop 1: Indaver** – Thermal treatment with incineration of industrial wastes with PFAS, online emission measurements, wastewater treatment.
- Stop 2: BlueApp incubator (UAntwerpen)** - Demo equipment for PFAS destruction and other innovative technologies presented by KIS members.



Programme:

Time	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
14h00	Transport to Indaver					
14h35	Visit to Indaver					
15h40	Transport to Blue-App					
16h15	Visit to Blue-app					
	Introduction to BlueApp					
1	Booth 1: D-CRBN – Inopsys – C-biotech		Booth 4: UHasselt	Booth 5: Tectero	Booth 2: OVV	Booth 3: UAntwerpen
2			Booth 5: Tectero	Booth 2: OVV	Booth 3: UAntwerpen	Booth 4: UHasselt
3	Booth 2: OVV	Booth 3: UA	Booth 1: D-CRBN – Inopsys – C-biotech		Booth 4: UHasselt	Booth 5: Tectero
4	Booth 3: UA				Booth 4: UHasselt	Booth 5: Tectero
5	Booth 4: UHasselt	Booth 5: Tectero	Booth 2: OVV	Booth 3: UA	Booth 1: D-CRBN – Inopsys – C-biotech	
6	Booth 5: Tectero	Booth 2: OVV	Booth 3: UAntwerpen	Booth 4: UHasselt		
17h45	Closure & return to Vestar (18h)					

BlueApp (<https://www.blueapp.eu>) is an open incubation hub & technology accelerator for sustainable chemistry and materials, bringing together start-ups, companies and expertise of University of Antwerp. BlueApp enables startups to develop, upscale and demonstrate promising technologies by offering space, academic knowhow and services.



D-CRBN (<https://d-crbn.com>) is a climate tech company providing industrial solutions to mitigate carbon emissions. D-CRBN recycles captured CO₂ and splits it into carbon monoxide (CO) thanks to proprietary plasma-based technology.



C-BIOTEC (www.c-biotech.eu) provides holistic solutions capturing carbon, cleaning polluted soils and providing bio-based materials for a circular economy. C-Biotech provides an alternative for traditional soil remediation by means of phytoremediation and -stabilization with plants and trees.



INDAVER (www.indaver.com) is a leading European waste management company specializing in sustainable and environmentally responsible solutions. With a focus on waste-to-energy processes and efficient resource recovery, Indaver plays a pivotal role in managing and reducing the environmental impact of waste disposal.



INOPSYS (<https://inopsys.eu>) provides on-site mobile & modular side stream solutions for the chemical and pharmaceutical industry, to purify water or solvents and recover valuable components.



OVB (www.bodemsaneerders.be) is an association representing Flemish soil and groundwater remediation companies, dedicated to fostering collaboration and promoting best practices within the industry. Major aim is to contribute to effective and environmentally sustainable solutions for soil and groundwater remediation in the Flemish region.



TECTERO (www.tectero.com) is a multidisciplinary firm providing engineering and management services across various sectors, specializing in the development of innovative green and renewable chemistry technologies, with a notable focus on nonthermal plasma conversion for chemical and environmental applications, including PFAS destruction.



UAntwerpen (www.uantwerpen.be) The University of Antwerp is a Flemish research-intensive institution offering a diverse range of academic programs. It fosters innovation, interdisciplinary collaboration, and a commitment to advancing knowledge and societal impact.



UHasselt (www.uhasselt.be) The University of Hasselt is a Flemish dynamic academic institution known for its research excellence and commitment to providing quality education. It emphasizes innovation, sustainability, and societal engagement in a range of academic disciplines.



KIS vzw (www.kis.vlaanderen.be) - A network of remediation companies, soil remediation experts, technology providers, universities, research institutions, and government bodies.

KIS Knowledge centre
Innovative remediation
Solutions

- Aiming at acceleration & innovation in solutions for substances of very high concern (like PFAS) in soil, water & air
- A joint effort of KIS vzw members:

