

PFAS Update & geplande activiteiten

Werkgroep 23/05/2025

Jelle Hofman



2021-2023

Development & validation LUC/VI/003



Oct 2023

Publication LUC/VI/003



Jan 2024

Visit + NDA US EPA



Feb 2024

Interlaboratory comparison (ILC)



Jun 2024

Publication LUC/VI/003 revision



Jun-Dec 2024

Lab audits TAUW, SGS & Eurofins
Corrective actions



>March 2025

Accreditation ongoing



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

MUTUAL CONFIDENTIALITY AGREEMENT

Between the U.S. Environmental Protection Agency and Vlaamse Instelling voor
Technologisch Onderzoek



Full length article

Quantifying per- and polyfluoroalkyl substances (PFAS) in air emissions:
Lab & field experiences from a hazardous waste incinerator

Jelle Hofman^{a,*}, Griet Jacobs^b, Bart Baeyens^a, Aline Reis De Carvalho^b, Wim Aerts^a,
Stefan Voorspoels^b, Gill Van den Bergh^b, Masha Van Deun^b, Patrick Berghmans^a,
Andres Van Brecht^b, Gert Otten^a



Quantification of per- and polyfluoroalkyl substances (PFAS) in air
emissions: An interlaboratory comparison

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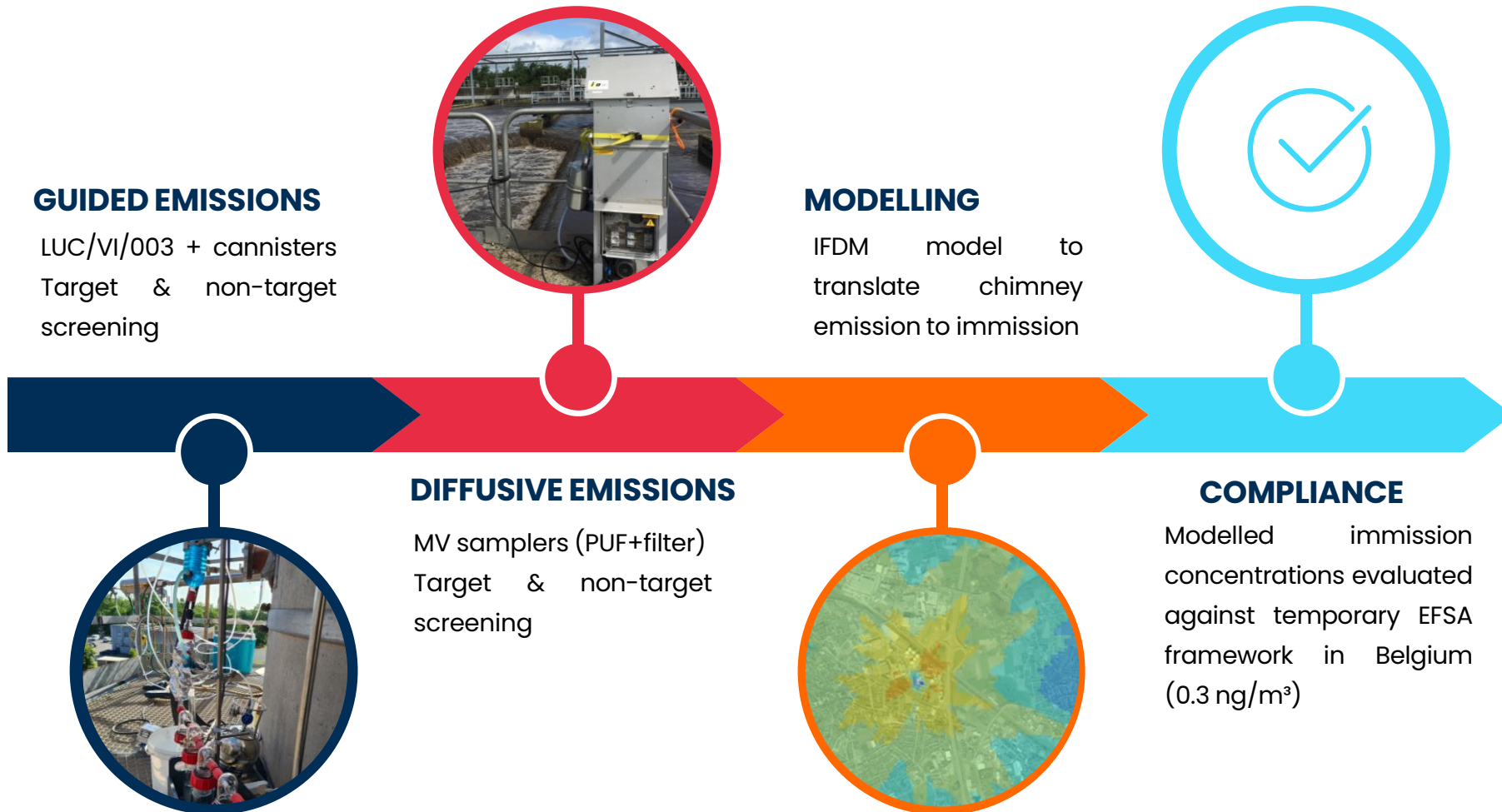
HIGHLIGHTS

GRAPHICAL ABSTRACT

Standardized
experiments
US in air
was ob-
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quantifi-
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nitration
need for
of PFAS
g. more

PFAS EMISSIONS

WHAT IS POSSIBLE TODAY?



>2025

- Erkenningen
- Werkgroep PFAS: 25/6 10-12u @ VITO Berchem
- Revisie LUC/VI/003 C4-C18 (MB2026) (WG PFAS)
 - Update kwant/ind obv ILC resultaten
 - Vernieuwen eerste deel filterhuis bij hergebruik glaswerk
 - SS
- Methode voor ultra-korte keten (<C4) PFAS via cannister + GC-MS (OTM-50) (WG PFAS)
- REF taken net goedgekeurd!
 - ILC op schoorsteen (WG PFAS)
 - Validatie en optimalisatie LUC/VI/003 (WG PFAS)
 - Screening reguliere en ultra-korte keten afbraakproducten
- CEN/TC 264 WG48
- MetZeroPol

