

9 July 2026

Executive Abstract – Fluoropolymer Manufacturing Programme 2.0

In September 2023, fluoropolymer manufacturers in Europe, members of the Fluoropolymer Product Group (FPG), launched the Fluoropolymer Manufacturing Programme (MP 1.0).

Aim of this voluntary, industry-led initiative is to address concerns regarding emissions of non-polymeric PFAS residues from fluoropolymer manufacturing through measurable reduction targets, deployment of state-of-the-art technologies, and enhanced transparency and safe handling across the value chain.

Building on the significant progress achieved under MP 1.0, the Fluoropolymer Manufacturing Programme 2.0 (MP 2.0) will expand the Programme with new measures across fluoropolymer manufacturing sites in Europe. It will provide a practical framework for managing emissions of non-polymeric PFAS associated with the production of fluoropolymers and fluoroelastomers, (FPs), and perfluoropolyethers (PFPEs).

A key innovation of MP 2.0 is the introduction of comprehensive emission metrics that go beyond the polymerisation-aid emissions addressed under MP 1.0. It will cover the full manufacturing process, from the integrated synthesis of precursors, monomers and specialty monomers through to the production of finished FP and PFPE products. By providing a broader and more complete picture of emissions across integrated production processes, it can support evidence-based policymaking.

With MP 2.0 the members of the Fluoropolymer Manufacturing Programme will:

- Establish and publish, by latest end of 2026, common emission factor targets covering the full manufacturing process with a commitment to continuous improvement beyond this date. Aggregated results will be published annually to ensure transparency.
- Continue the technology exchange platform to accelerate deployment of best available emission-abatement solutions.
- Establish a technology exchange platform for analytical techniques.
- Extend the scope of the Safe Handling Guide for value chain users.
- Promote responsible management of PFAS-containing solid waste.
- Commit to continuous engagement with local authorities, supporting site-specific transparency, emission management planning and informed regulatory oversight.

MP 2.0 will directly support EU policy development, including the PFAS restriction process and the potential future fluoropolymer-specific BREF under the Industrial Emissions Directive (IED).

As regulatory measures take time to develop and implement, the Programme offers a science-based solution that delivers measurable emission reductions while generating data and experience to support effective regulatory design.

* * * * *

Contact:

Caroline Andersson, Director Fluoropolymers Product Group: caroline.andersson@plasticseurope.org
Tel: +32 2 7923 53, Mobile: +32 477 639165

About Fluoropolymers Product Group (FPG):

The FPG is part of Plastics Europe, the industry association representing European polymer producers. It operates in accordance with the Plastics Europe governance rules, including Competition Compliance Rules. Plastics Europe covers the EU, plus UK, Norway, Turkey and Switzerland.

About Fluoropolymers:

Fluoropolymers are advanced materials that provide unmatched durability, chemical and thermal resistance, and stability in extreme environments. Their unique set of properties makes them essential in many industries, from healthcare and renewable energy to transportation, aerospace and semiconductors