Accelerating action

UN environment programme | Global Framework on Chemicals

First International Conference
Global Framework on Chemicals
16–20 November 2026 | Geneva, Switzerland

Implementation Programme 2

"Industry Engagement and Action along Value Chains"

Workstream on Green and Sustainable Chemistry Innovation

Green and Sustainable Chemistry Expert Group
Structure and current activities

Convenor(s): *United Nations Environment Programme – Ludovic Bernaudat, Mihaela Paun, Markos Ieridis*

About this document:
This slide deck provides an overview of the GFC workstream on Green and Sustainable Chemistry Innovation and the related Expert Group. It outlines its objectives, structure, member composition, milestones achieved, and activities planned for the First International Conference of the Global Framework on Chemicals.

Green and Sustainable Chemistry Expert Group

Structure and current activities

Markos Ieridis

Chemicals and Health Branch

September 23rd, 2026

Objectives and outputs

The general objective of the GSC expert group is to **promote Strategic Objective D** with all its Targets and **Target E2 of the GFC**.

The specific objective of the GSC expert group is to **promote the empowerment of and enable individual actors in value chains in high-impact sectors in the implementation of green and sustainable chemistry (GSC)**, in accordance with UNEP's 10 Objectives and Guiding Considerations for Green and Sustainable Chemistry. GSC implementation includes approaches, pathways, methods and solutions with respect to the design, management and use of chemicals, processes and products and chemical services.

By the First International Conference (IC1) of the GFC, the group aims to deliver:

- A **draft global roadmap for integrating green and sustainable chemistry into the GFC sectors**
- An initial **mapping of initiatives adhering to green and sustainable chemistry principles** by various stakeholders
- Host a **“GSC corner” at IC1**, aiming to enable stakeholders to learn from, and discuss with each other

Structure

Global Framework on Chemicals (GFC)

Green and Sustainable Chemistry (GSC) Workstream

- Aims to **support the implementation of the GFC through the uptake of GSC practices**

GSC Expert Group (EG)

- **Informal, open-ended and agile technical working group** (>100 experts across stakeholder groups, geographies)
- Intents to **support the IOMC industry sector programmes**
- **Reviews and provides input to outputs/deliverables**

GSC Core Drafting Group (CDG)

- **Voluntary sub-group of GSC Expert Group** (currently 17 members)
- **Drafts outputs/deliverables**

Chairperson

- **Voluntary** engagement, on a 2-4 month rotation basis
- **Coordinates GSC CDG and interaction with GSC EG**
- **Leads/Coordinates drafting of outputs/deliverables**

Cross-cutting Workstreams

Chemical footprint;
Indicators & Measurability, ...

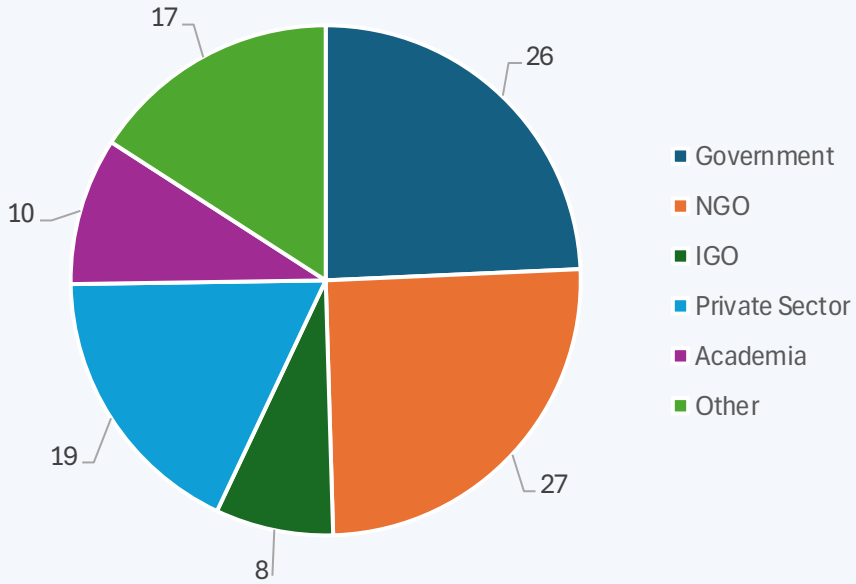
Sectoral Workstreams

Electronics; Construction; Textiles; ...

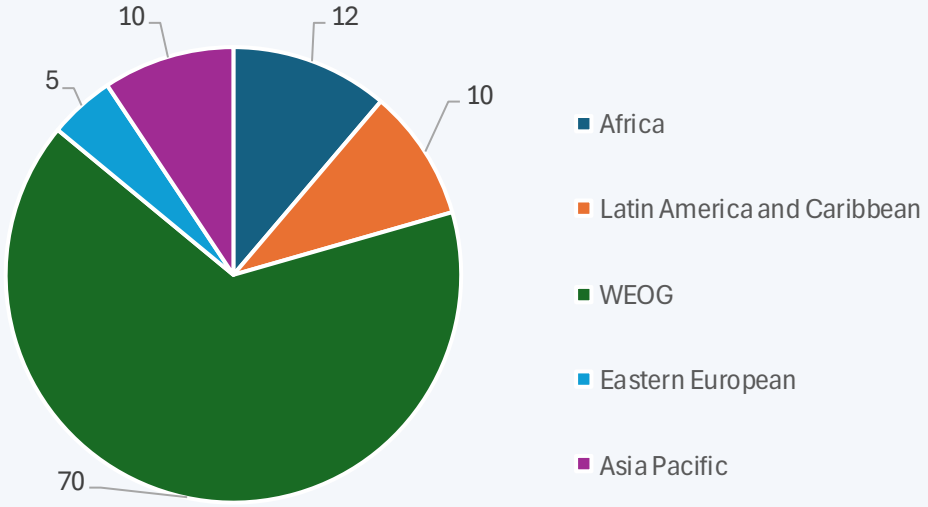
Stakeholder involvement

Representation (Working Group, 107 members)

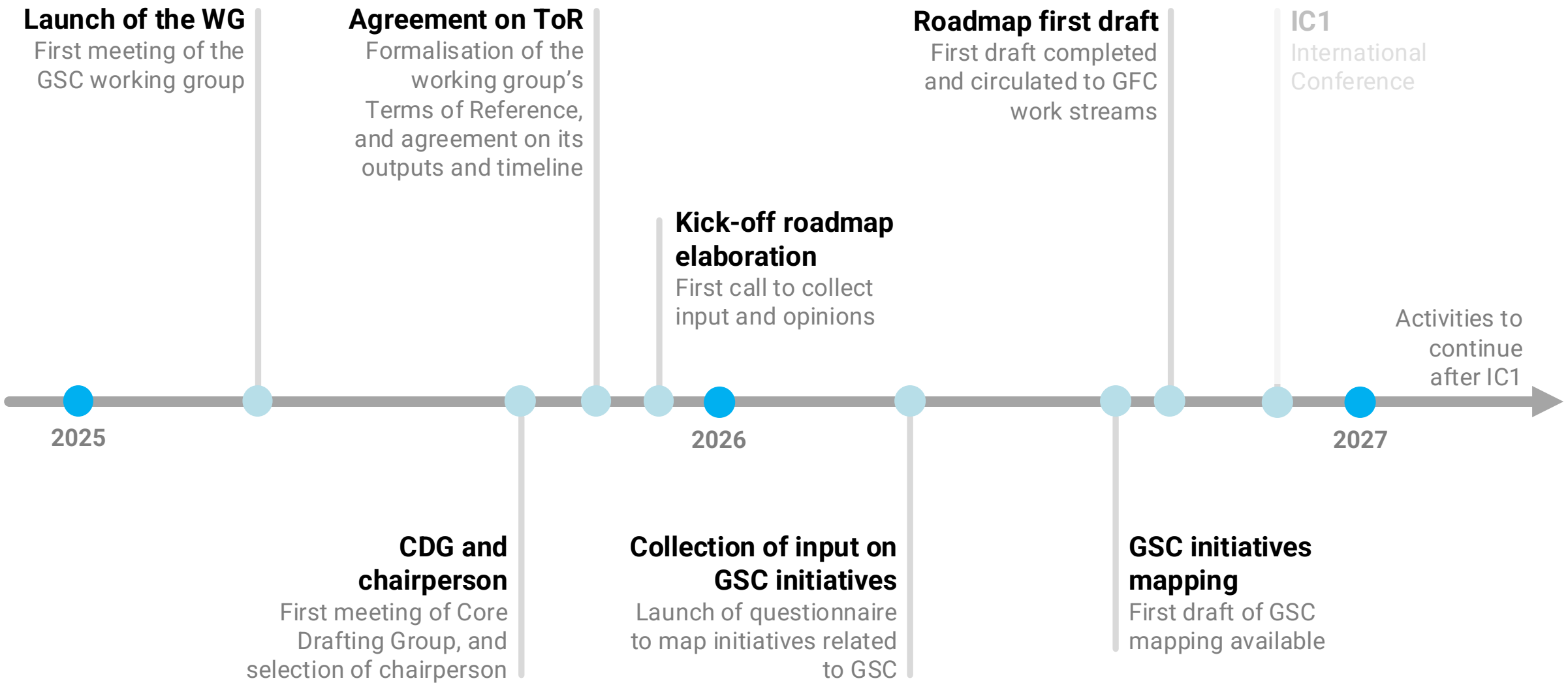
Stakeholer Type (# of people)



Stakeholer Region (# of people)



Milestones


Launch of the WG
First meeting of the GSC working group
Agreement on ToR
Formalisation of the working group's Terms of Reference, and agreement on its outputs and timeline
Kick-off roadmap elaboration
First call to collect input and opinions
Roadmap first draft
First draft completed and circulated to GFC work streams
IC1
International Conference
Activities to continue after IC1
2025
2026
2027
CDG and chairperson
First meeting of Core Drafting Group, and selection of chairperson
Collection of input on GSC initiatives
Launch of questionnaire to map initiatives related to GSC
GSC initiatives mapping
First draft of GSC mapping available

Green and Sustainable Chemistry at IC1

GSC corner

A place to exchange, discuss, and learn

Monday – Wednesday, 16-18 November, Espace Wangari Maathi, CICG, Geneva

Monday	Tuesday	Wednesday
Pillar 1 – Innovation	**Pillar 2 – Education**	**Pillar 3 – Supply chains**
“From principle to product”	“Teaching the chemistry of tomorrow”	“Greening the value chain”

GSC Spotlight

Panel discussion covering the three themes of the GFC – Tracking Progress; Accelerating Action; Investing for Impact

Tuesday 17 November, 18:00 - 19:00, Salle B, CICG, Geneva

UN environment programme

Thank you for your attention

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