



COURSE 2026

A more **sustainable and safe handling of chemicals** is a clear trend in chemicals' policy.

Module 1 Oct. 19. - 23, 2026

Module 2 Nov. 23. - 27, 2026

PROGRAM

INTERACTIVE & ENGAGING LEARNING




Module 1 provides an overview about the global regulatory situation, its main actors and the connex to Green Chemistry. The main objective is to make the GCCM understand.



Module 2 shall give the GCCM the necessary background to better understand legal, political and practical aspects related to.

in cooperation with

 Federal Ministry
Agriculture and Forestry, Climate
and Environmental Protection,
Regions and Water Management
Republic of Austria

 Federal Ministry
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10
TRAINING
DAYS



www.gccm.academy

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office@green-chemistry.academy | www.green-chemistry.academy

Why GCCM?



A more sustainable and safe handling of chemicals is a clear trend in chemicals policy.

The flagship of this trend is “**Green Chemistry**”, a concept that over a long period was a more academic approach. This is changing and companies are discovering Green Chemistry as a business model. Also during the years past, numerous countries across the globe adopted a more stringent chemicals’ legislation, aiming to substitute or better manage the most problematic chemicals.

In particular, the **EU’s Green Deal** opened a window of opportunity to further boost this approach to a highly improved chemicals management. The **Chemicals Strategy for Sustainability** has recognised Green Chemistry as an important milestone to a cleaner and more sustainable future. Just like the European Chemicals Industry Action Plan from 2025 considers Green Chemistry as a fundamental building block for innovation in chemicals production. And finally, the **Austrian government** has recognised Green Chemistry as an important milestone to a cleaner and more sustainable future.

Therefore, industry needed to start introducing **more sophisticated chemicals-management-schemes**. This transition process is ongoing and in particular, smaller companies are challenged heavily. However, also large companies and institutions are facing significant challenges.

One of the **most pressing challenges is the availability of qualified people**, who are able to understand and keep track of the fast-changing regulatory environment for chemicals. Applying Green Chemistry fundamentally changes the way one manufactures and uses chemicals. Foresight, a full understanding of supply chains and the complexity of chemicals’ impacts are crucial. In this context the GCCM training will also address the highly pressing social challenge of gender equality by proactively approaching women to join as participants and lecturers. This should be a valuable contribution to the professional development and positioning of women in relatively masculine domains.

Right now, typical chemicals’ management focuses on how to handle available chemicals, e.g. by implementing requirements from safety-data-sheets or worker-protection-legislation. The cooperation among different divisions – like marketing, product-stewardship, purchase, R&D etc. – is often highly rudimental. In such an organisational environment, a Green Chemistry approach cannot develop to its full potential.

The **transition to a green and sustainable chemicals’-use and the full exploitation of its opportunities** requires that all relevant organisational units work together, and the company management is involved. A common strategy and cross-linked cooperation is necessary. Such cooperation needs efficient steering and this would be the role of the GCCM (“Green Chemistry Change Manager”).

Why you should attend ?

1

IN A COMPANY THE GCCM SHOULD:

- optimise the use of available resources
- actively steer the transformation process
- track relevant future trends and developments
- contribute to a sustainability strategy
- recognise and understand relevant interactions of technical, political, legal and international nature
- be a company's advocate for "Green Chemistry"

2

THE GCCM-TRAINING WILL FOCUS ON FACILITATING:

- knowledge building about the theoretical concept of "Green Chemistry" and its definition, in particular the 12 principles established by John Warner und Paul Anastas;
- the ability to think cross-linked and act accordingly
- the knowledge to develop a modern and efficient chemicals management
- the knowledge about innovative and sustainable approaches including their practical application
- gender equality in chemicals management

3

STRUCTURE AND DESIGN & WHO SHOULD ATTEND?

- the GCCM-training is a modular training consisting of two modules á 5/5 days; over a period of 3 months
- Optimised content based on 2 successfully performed courses
- lots of hands-on-activities (e.g. examples, discussion)
- participants should implement their acquired knowledge immediately in practice the target group aims at business support experts/providers, e.g. from:
 - businesses /sme companies
 - consultants / multipliers
 - public service / academia

10 Training Days. 2 Modules. 1 Location.

Module 1

regulation/green chemistry

October 19-23 - 5 days

This module provides an overview about the global regulatory situation, its main actors and the connex to Green Chemistry. The main objective is to make the GCCM understand.

Module 2

implementation/innovation

November 23-27 - 5 days

This modul shall give the GCCM the necessary background to better understand legal, political and practical aspects related to.

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#1

October
19-23

5 days

Module 1 - regulation / green chemistry

This module provides an overview about the global regulatory situation, its main actors and the connexion to Green Chemistry. The main objective is to make the GCCM understand:

- introduction to change management and to the training,
- introduction to the concept and definition(s) of "Green Chemistry",
- the 12 principles of Green Chemistry and their primary chemical target areas,
- the legal requirements to stay in or enter a specific market,
- the political focus of different regions,
- potential synergies between different regions,
- the identification of hazards, risks and exposure related to chemicals and in the

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MONDAY

- 13.00 Welcome and Introduction
- 13.45 Introduction to Green Chemistry
- 14.30 CSS and Green Chemistry in the EU
- 15.00 Exercise & Coffee break
- 16:00 Presentation results / Discussion
- 16.30 Overview of chemicals legislation in the EU
- 17.45 End of Day 1

TUESDAY

- 09.00 Green Chemistry in EU regulations / Focus on drivers for substitution
- 09.45 Exercise & Coffee break
- 10.45 Presentation results / discussion
- 11.15 Chemicals regulation and Green Chemistry Policy on the African continent
- 12.15 Trends in Extended Producer Responsibility
- 12.45 Lunch break
- 13.45 Chemicals regulation in North-America & cross-border cooperation
- 14.45 Chemicals regulation in South-America & cross-border cooperation
- 15.45 Coffee break
- 16.15 Chemicals regulation in Australia & New Zealand
- 16.45 Implementation of GHS in North/South America, Australia & New Zealand
- 17.15 Political developments, Green Chemistry and foresight for North/South America, Australia & New Zealand
- 17.45 End of Day 2

WEDNESDAY

- 09.00 Chemicals regulation in China
- 09.45 Chemicals regulation in South Korea and Japan
- 10.30 Coffee break
- 11.00 Chemicals regulation in India
- 11.30 Chemicals regulation in Turkey
- 12.00 Political developments, Green Chemistry and foresight for Asia
- 12.45 Lunch break
- 13.45 Role of the United Nations in chemicals regulation
- 14.45 New Global Framework on Chemicals (GFC)
- 15.15 Coffee break
- 15.45 Role of the OECD in chemicals regulation
- 16.45 Exercise: How do these initiatives contribute to Green Chemistry?
- 17.45 Presentation results / Discussion
- 18.00 End of Day 3

THURSDAY

- 09.00 Assessing hazards of chemicals in the context of Green Chemistry
- 10.30 Coffee break
- 11.00 Assessing hazards of chemicals in the context of Green Chemistry
- 12.30 Lunch-break
- 13.30 Assessing risks/exposure in the context of Green Chemistry
- 15.00 Exercise - Early identification of problematic chemicals & Coffee break
- 16.15 Discussion/Feedback to exercise
- 16.45 Links to other legislation + relevance for businesses & research
- 17.45 End of Day 4

FRIDAY

- 09.00 Links to other legislation and the+ relevance for businesses & research
- 10.30 Coffee break
- 11.00 Links to other legislation and the+ relevance for businesses & research
- 13.00 Recap module 1 & introduction of project work
- 13.15 End of Day 5

coffee / lunch break

exercise / active break

lesson

#2

November
23-27

5 days

Module 2 - implementation / innovation

This modul shall give the GCCM the necessary background to better understand legal, political and practical aspects related to:

- the relevance of environmental footprints and the concept of “Safe and Sustainable by Design (SSbD)” in the light of Green Chemistry,
- the implementation of new business models and circular economy aspects of Green Chemistry as a competitive advantage,
- the availability and application of new approaches to non-animal tests for chemicals,
- the optimisation of the cooperation/communication in the supply chain,
- a systematic approach for an efficient substitution,
- the development and implementation of chemical and non-chemical substitution of problematic substances,
- communication needs inside a company, within the supply chains and to other actors,
- elements of steering the transformation process,
- defining, designing and implementing a “Green Chemical”-approach,
- handling the change process and/or managing the relevant steps of a project,
- planning and implementing efficient market-access strategies,
- available tools and databases,
- integrating sustainability/substitution into the R&D-process,
- future trends and developments.

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MONDAY

- 13.00 Welcome and Introduction
 13.30 Communication and cooperation in the supply chain - relevance and approaches
 15.00 Exercise & coffee break
 16.00 Communication - needs and challenges, transparency and public trust
 17.45 End of Day 1

TUESDAY

- 09.00 Role of industry initiatives and voluntary labelling schemes
 10.30 Exercise & Coffee break
 11.30 Safe and sustainable by design & Environmental footprints
 13.00 Lunch-break
 14.00 Approaching substitution efficiently and systematically
 15.30 Exercise & Coffee break
 16.30 Steering the transformation process towards Green Chemistry
 17.45 End of Day 2

WEDNESDAY

- 19.00 AI supporting chemicals regulation and Green Chemistry
 10.30 Exercise & Coffee break
 11.30 Presentation results / discussion
 12.15 Lunch-break
 13.15 Excursion to Austrian environmental agency (UBA) incl. guest speakers of ECHA. Topics:
 - Introduction of UBA with a focus on chemicals
 - Role of ECHA and cooperation with national agencies in the EU
 - Visit to laboratories and coffee-break incl. Coffee break
 - New approaches to non-animal tests for chemicals - availability and application
 - IT-tools of the future to support chemicals management
 - Future of risk management
 - Exchange of views (speakers and participants)
 17.45 End of Day 3

THURSDAY

- 09.00 Interactive viewing of challenges in projects
 10.15 Coffee break
 10.45 Talking about mistakes and how to learn from them
 12.00 Team building and the 5 dysfunctions of a team
 12.30 Lunch-break
 13.00 Team building and the 5 dysfunctions of a team
 14.15 Project marketing
 15.30 Finalisation of projects
 17.00 Presentation of projects
 19.30 presentation of grading results / dinner

FRIDAY

- 09.00 Success -factor Communication
 10.15 Coffee break
 10.45 Success -factor Communication
 12.00 Feedback and farewell
 12.45 End of Day 5

coffee / lunch break

mixed exer-cise / lessons

exercise / active break

lesson

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Course Tickets 2026

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NOTE

Hotel booking, hotel expenses, as well as travel expenses, etc. have to be taken care of by the delegates themselves. The number of delegates will be limited.

ORGANIZER

Feierl : Herzele GmbH

Feierl-Herzele GmbH
Herbert Rauch Gasse 17
2361 Laxenburg
Austria

office@green-chemistry.academy
www.green-chemistry.academy

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