



EUROPEAN MEDICINES AGENCY  
SCIENCE MEDICINES HEALTH

5 February 2026

## Quality Innovation Group (QIG)

Listen and Learn Focus Group (LLFG) meeting on  
innovative technologies to advance sustainability goals in  
pharmaceutical manufacturing

### Agenda

4<sup>th</sup>-5<sup>th</sup> March 2026

Virtual meeting

**Chair:** Marcel Hoefnagel

#### Day 1

Timing	Topic	Contributor
10:00 – 10:10	<b>Opening of the LLFG</b>  Welcome to participants.  Introduction to QIG, meeting scope and objectives of the QIG LLFG on Sustainability	Marcel Hoefnagel (QIG Chair, MEB)
10:10 – 10:15	Welcome from the European Commission	Martin Uriarte Asteinza (EC)
10:15 – 10:40	1: Setting the scene:	Ciara Turley (QIG member), Veronika Jekerle (EMA)
<b>Session 1</b>		
10:40 – 11:10	2: A digital approach to sustainable pharmaceutical process design and product distribution	Maria Papathanasiou, Ceo Kontoravdi, Miriam Sarkis (Imperial College)

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11:10 – 11:25	Q&A	
11:25 – 11:40	<b>Coffee break</b>	
11:40 – 12:10	3: Advancing Biobased Plastic in Pharmaceutical Packaging	Eduardo Márquez Oropeza, Elisabeth Bacou (Sanofi)
12:10 – 12:25	Q&A	
12:25 – 12:55	4: Innovative approach to enable transition to sustainable blister packaging in the pharmaceutical industry	Ebba Falk Simonsson, Andrew Brookes (PMF-AstraZeneca)
12:55 – 13:10	Q&A	
13:10 – 14:15	<b>Lunch</b>	
14:15 – 14:45	5: Adaptive Airflow HVAC Technology	Jean-François Fedorenko, Christophe Warin, Aditya Srivastava (GSK)
14:45 – 15:00	Q&A	
15:00 – 15:30	6. Environmental Sustainability of pharmaceutical products: trade-offs, dilemma's, barriers and solutions	Caroline Moermond, Teresa Leonardo Alves (RIVM)
15:30 – 15:45	Q&A	
15:45 – 16:00	<b>Coffee break</b>	
16:00 – 17:15	Panel Discussion	Presenters + Organizing committee
17:15 – 17:30	Closure of day	QIG Chair

## Day 2

Timing	Topic	Contributors
<b>Session 2</b>		
09:00 – 09:10	<b>Opening of the second day</b> Introduction to day 2 meeting scope	Marcel Hoefnagel - QIG Chair (MEB)
09:10 – 09:30	1. European Commission: Driving Green Pharmaceuticals Innovation in Europe: Policy Context and Horizon Europe Initiatives.	Martin Uriarte Asteinza (EC)
09:30 – 10:00	2. Solvent Recovery and Nitrosamine Risk Mitigation: Advancing Sustainability in Pharmaceutical Manufacturing	Katie Duncan (EFPIA-GSK), Stefano Accorsi (EFPIA-Chiesi), Joerg Schlingemann (EFPIA-Merck)
10:00 – 10:15	Q&A	
10:15 – 10:45	3. Model-based Process Improvement and Control of Solvent Switches	Sam Wuyts (Johnson & Johnson)
10:45 – 11:00	Q&A	
11:00 – 11:15	<b>Coffee Break</b>	
11:15 – 11:45	4: Mechanochemistry: a transformative opportunity for sustainable pharmaceutical manufacturing	Evelina Colacino (IMPACTIVE)
11:45 – 12:00	Q&A	
12:00 – 12:30	5: Implementing Recombinant Endotoxin Testing	Jay S Bolden (EFPIA-Lilly), Antony Stevens (EFPIA-AstraZeneca), Mark Pellet (EFPIA-AstraZeneca).
12:30 – 12:45	Q&A	
12:45 – 13:45	<b>Lunch Break</b>	
13:45 – 15:00	Panel Discussion	Presenters + Organizing committee
15:00 – 15:20	<b>Coffee break-survey</b>	
15:20 – 15:45	Sum up, next steps and closure of meeting	QIG chair and members

## **QIG LLFG Organising Committee Members**

### **EU**

Marcel Hoefnagel, MEB, The Netherlands, QIG Chair.

Leticia Martinez Peyrat, ANSM, France, QIG Member.

Barbara Stubbe, FAGG, Belgium, QIG Member.

Christina Meissner, AGES, Austria, QIG Member.

Ciara Turley, HPRA, Ireland, QIG Member.

Marcos Timón, AEMPS, Spain, QIG Member.

René Thürmer, BfArM, Germany, QIG Member.

Silke Schüle, PEI, Germany, QIG Member.

Silvia Vogl, PEI, Germany, QIG Member.

Tone Agasoster, NOMA, Norway.

Sajbenné dr. Hegedus Gyöngyvér, Hungary.

Gernot Hirn, AGES, Austria.

Ruth De Marco, MMA, Malta.

Helerin Eiche, Ravimiamet, Estonia

Maria Kladi, EOF, Greece.

### **EMA**

Dolores Hernan, Quality Office, European Medicines Agency

Giampiero Lorenti, Inspections Office, European Medicines Agency

Evdokia Korakianiti, Quality and Safety Department, European Medicines Agency

Veronika Jekerle, Quality Office, European Medicines Agency

Claudia Vincenzi, Quality Office, European Medicines Agency

Peter Twomey, Inspections Office, European Medicines Agency

Carina Klebl, Quality Office, European Medicines Agency

Miguel Rodriguez, Inspections Office, European Medicines Agency