

NIPU-EJD PROJECT FINAL EVENT

February, 2025 – Le CLICK – University of Mons

"Developing and commercialising innovative chemistries and materials in the frame of sustainability"



Preliminary programme (18 Dec 24)

18 Feb 25

10:30 – 12:00 Welcome

- 10:30-12:00 Introduction to the event and to the scientific conference on non-isocyanate polyurethanes (NIPU)

12:00-13:00 Lunch

13:00 – 15:15 Sustainability and Chemistry – scientific conference (1)

- 13:00-13h15 Introduction to the session – Four discussion panels
- 13:15-14:15 Panel with MSCA Fellows – **What did we learn during our fellowship?**
- 14:15-15:15 Panel with PhD supervisors, industrial partners and MSCA Fellows
 - **Did we exhaust the topic?**
 - **Can principles of NIPU's technologies be applied to other scientific topics, other chemistries?**

15:15-15:45 Break

15:45 – 16:15 Sustainability and Chemistry – scientific conference (2)

- 15:45-16:15 Panel continued
 - **Can chemistries such as NIPU have a real impact on plastic pollution and sustainability?**
- 16:15-17:00 Discussion with the audience

19 Feb 25

9:00-9:15 Introduction to the day

9:15-10h45 Sustainability : the big picture

- 9:15-10:00 Sustainability, its challenges and stakes at the global level (Speech 1 + Q&A)
- 10:00-10:45 Sustainability, its challenges and stakes at the local level (Speech 2 + Q&A)

10:45-11:15 Break

11:15-12:45 Sustainability and Innovation in practice in the chemical and materials industry

- 11:15-12:00 How to embed Sustainable Development and Circular economy principles into company processes/business ? D. Debecker (former Solvay, Syensqo)
- 12:00-12:45 How to embark SMEs of the plastic sector on the path of ecological transition? (draft title), R. Giordano (PlastiWin)

12:45-13:45 Lunch

13:45-15:15 Business cases as concrete examples of addressing sustainability in the chemical and materials industry (1)

- 13:45-14:15 How to move towards more sustainable polyurethane foams at Carpenter, L. Imbernon (Carpenter)
- 14:15-14:45 Implementation of sustainability at Henkel (TBD)
- 14:45-15:15 EstoGel® M success story: from polyurethane molecule to cosmetic product, T. Chaparro, PolymerExpert

15:15-15:45 Break

15:45-17:00 Business cases as concrete examples of addressing sustainability in the chemical and materials industry (2)

- 15:45-16:45 Discussion panel with PhD supervisors, industrial partners and MSCA Fellows and dialogue with the audience
 - **Today's externalities are tomorrow risks and losses**

16:45-17:00 Closure of the day

19:00 Conference Dinner

20 Feb 25

9:00-9:10 Introduction to the day

9:10-10:00 Business cases as concrete examples of addressing sustainability in the chemical and materials industry

- 9:10-9:40 Innovation, ideation and collaboration in the chemical industry, M. Johnson (Perstorp)
- 9:40-10:10 Embedding circular economy principles into products and business models in plastics, O. Talon (Materia Nova)

10:10-10:40 Break

10:40-11:40 Funding mechanisms and opportunities for sustainability and innovation

- 10:40-11:40 Discussion panel (3 panelists from investment funds)

11:40-12:45 Sustainability, innovation and business models in the chemical and materials industry

- Dialogue between panelists (funds, industries, universities, Fellows) and audience
 - **The business model of the future is making money because it has a positive impact on people and environment**

12:45-13:00 Closure of the "Sustainability and Innovation" sessions

13:00-14:00 Lunch

14:00-17:00 Parallel sessions

- Collective brainstorming around challenges in relation with sustainability and circular economy of the local chemical and materials industry/Exercice d'intelligence collective en lien avec la soutenabilité et l'économie circulaire dans l'industrie chimique et des matériaux (maybe in French w/translation to English)

- Private consortium meeting

21 Feb 25

9:00-9:05 Introduction to the day

9:05-11:45 Future career prospects for MSCA Fellows and other young scientists/graduated (1)

- 9:05-10:15 Testimonials of the NIPU project MSCA Fellows
 - **What did we learn from a soft skills/educational viewpoint?**

10:15-10:45 Break

10:45-12:15 Future career prospects for MSCA Fellows and other young scientists/graduated (2)

- 10:45-11:15 How to become an entrepreneur?
- 11:15-12:15 Testimonials of young and senior researchers/scientists
 - A. Brunetti, alumni MSCA Fellows, founder of iQrypto
 - ...
 - ...
 - ...

12:15-12:30 Closure of the final event of NIPU-EJD project

12:30-13:30 Lunch

14:00-16:00 Visit to Materia Nova

In practice

- **When?** From February 18 to February 21, 2025 (registration is possible for the entire event or for individual days)
- **Where?** The CLICK - Boulevard Initialis 30, 7000 Mons
- **[Registration is mandatory before February 1, 2025](#)**
- **The number of places is limited**
- *For your information, we do not handle hotel reservations, but we will provide you with some accommodation suggestions at a later date.*

More information : Dr. Anne Goldberg - contact@nipu-ejd.eu - Laboratory of Polymeric And Composite Materials (UMONS)

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