

Location

November 14-18th, 2022


Ecole Nationale Supérieure des Mines de Paris
60, boulevard Saint-Michel
75006 Paris



Bus stations

Luxembourg  21, 27, 38, 82, 84, 85, 89

Metro stations

RER B Luxembourg 

Chaire Mines Urbaines

The Chair “*Urban mines*” aims to boost researches and education to recycle materials from WEEE* and develop high performance recycling channels

The Chair “Urban mines” is sponsored by ecosystem, the French take-back system in charge of WEEE*, in the frame of the ParisTech Foundation. The Chair was created in 2014 in partnership with ParisTech. Three engineering schools are involved in its research and training topics.

**Waste Electrical and Electronic Equipment*



Chaire Mines Urbaines

ATHENS Programme
Paris - November 14-18th, 2022

**Circular economy and
eco-design**
Urban Mine case



Circular economy and eco-design – Urban Mine case

Monday, November 14th 2022

9.30 a.m.-12.30 a.m.

Circular economy (all sectors), Franck AGGERI, Mines ParisTech

Extended Producer Responsibility (EPR) policy: the WEEE case, Pierre-Marie ASSIMON, ecosystem

1.30 p.m.-4.30 p.m.

New circular business models, Helen MICHEAUX, Agro ParisTech

Repair and repairability: policies, practices and business model, Joël NTSONDE & Chloé STEUX, Mines ParisTech

4.30 p.m.-5.00 p.m.

Case study introduction

Tuesday, November 15th 2022

8.30 a.m.-10.00 a.m. *Travel from Paris to Paprec Oise - Pont Ste Maxence*

10.00 a.m.-12.00 a.m.

Visit of Paprec treatment plant

12.00 am.-1.00 p.m. Lunch

1.00 pm -2.30 pm : *A French WEEE take back system, Alice Bizouard, ecosystem*

2.30 pm - 3.30pm *Travel from Paprec Oise - Pont Ste Maxence to Paris*

Wednesday, November 16th 2022

9.30 a.m.-12.30 a.m.

Ecodesign methods, tools and practices, Nicolas PERRY, Arts & Métiers

Environmental assessment of WEEE management, Laurène Cuénot, ecosystem

1.30 p.m.-4.30 p.m.

Recycled material standard, Nicolas NEVE, Arts & Métiers

Plastic eco-design: introduction, Nicolas NEVE, Arts & Métiers

Recycled plastic use in electronics products, Olivier GABUT, Legrand

4.30 p.m.-5.00 p.m.

Case study meeting

Thursday, November 17th 2022

9.30 a.m.-12.30 a.m.

Innovation within strategic metals recycling from WEEE, Vincent SEMETÉY, Chimie ParisTech

Recycling of LED, Mohéddine WHEBIE, Chimie ParisTech

Recovery of critical and precious metals from Printed Circuit Board, Christian THOMAS, Terra Nova Développement

1.30 p.m.-4.30 p.m.

Technological innovations within plastics sorting, Matthieu Gervais, Arts & Métiers

Collaborative R&D approach in WEEE plastic recycling, Farida Tomasella, Environnement Recycling

Advanced technologies for plastics' recycling and their potential applications to WEEE's Plastics, Arnaud PARENTY, Lavoisier Circular Transition

4.30 p.m.-5.30 p.m. **Free time or Case study**

Friday, November 18th 2022

9.30 a.m.-12.30 a.m.

Case study

1.30 p.m.-4.30 p.m.

Study case presentation

Presentation of the required **keys** to understand the **context**, the **issues** and the **challenges** of **WEEE*** recycling

*Waste Electrical and Electronic Equipment

Registration at : <http://www.athensprogramme.com/>