



# **EU-MACE MC meeting and Joint workshop (EERA&AMPEA&E3S) on Sustainability in next generation energy materials and technologies**

February 23-25, 2026

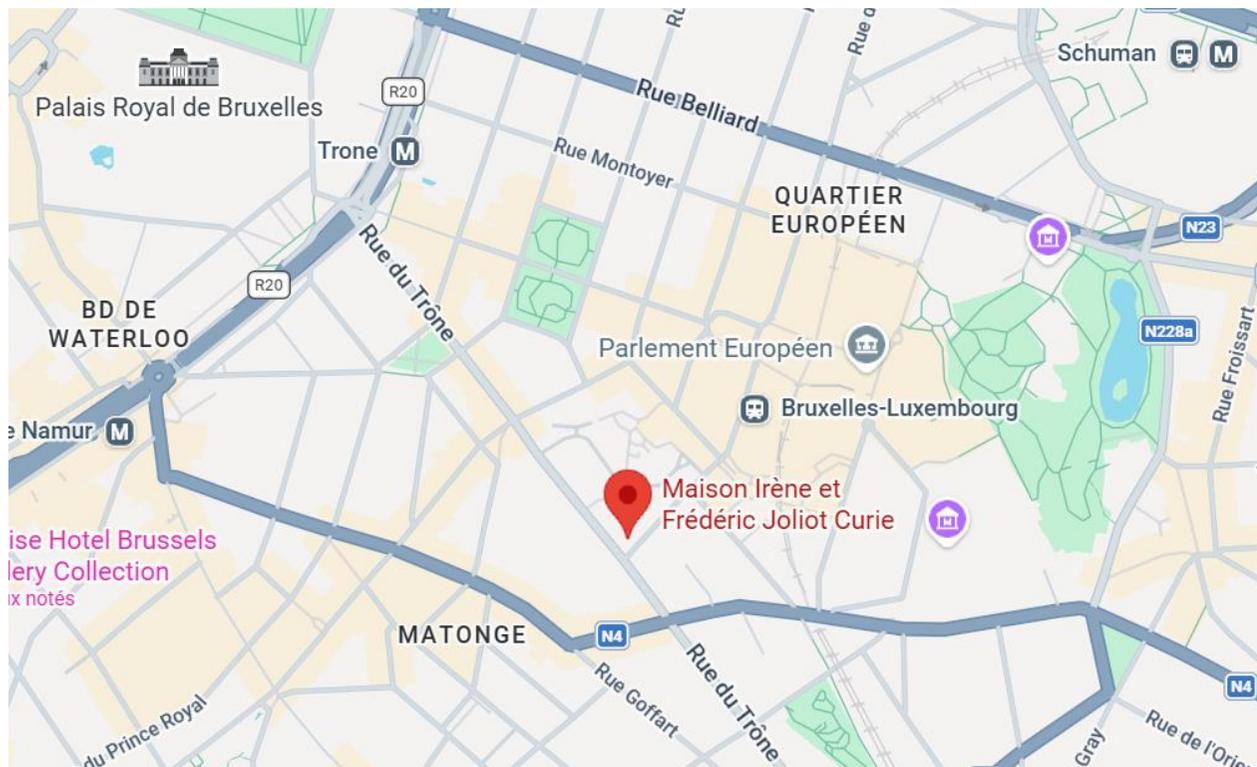
Maison Irène & Frédéric Joliot Curie, Brussels (and online)

Agenda

## VENUE : Maison Irène & Frédéric Joliot Curie, Brussels

From **Gare de Bruxelles-Midi**, you can easily reach the venue by taking the **metro 2 or 6**, direction Elisabeth, and getting off at **Trone**. The venue is a **10-minute walk** from the metro station Trone.

If you are taking a plane and coming from the **airport**, take the **bus line 12** and get off at the stop **Luxembourg**. The venue is a **few minutes' walk** from the bus stop.



<https://maps.app.goo.gl/gAeLBXQejiV77UCVA>

Day 1	Feb 23			
	Start time	Session	who/what	title
<b>morning</b>		MC meeting		
	09:00:00		welcome	going over agenda
	09:15:00		Sawako Nakamae	Actions GP2 & GP3
<b>coffee break</b>	10:30:00	coffee break		
	10:45:00		leaders	Presentations by Task leaders
	11:30:00		Sawako Nakamae	membership issues AOB discussion
<b>lunch break</b>	12:00:00			
<b>Afternoon</b>	14:00:00	WS plenary	Intro (B&G)	
	14:10:00	inv 1	Ivan Matejak	SET Plan and EERA?
	14:40:00	inv 2	Dr. Francesco Matteucci	HEU 2026-2027 work programme on energy materials
	15:10:00	inv 3	Anna Costa	Nano in Micro Technologies as Practical Tools for SSbD Implementation
	15:40:00	inv 4	Marianne Lazarovici	EU Policy on Energy (focus on CRM)
<b>End</b>	<b>16:15:00</b>			

Day 2	Feb 24			
	start time	Session	who/what	title
<b>morning</b>	09:00:00	WS CL5	intro by Barbara Cimatti	Trends in HEU Energy research Part I
	09:15:00		Tom Andersson	"VTT's experimental and ICME capabilities"
			Janne Pakarinen	VTT's experimental and modelling capabilities
		Discussion		
	10:00:00		Renata Costa	From Marine Waste to Energy Storage: Materials Pathways and Electrochemical Performance
			Zeliha Ertekin	Decoupled Electrolysis Using Silicotungstic Acid as a Solution-Phase Redox Mediator for Energy Storage and Conversion
		discussion		
<b>coffee break</b>	10:45:00	coffee break	coffee break	coffee break
	11:00:00		Mykola Isaiev	Heat Transfer Management in Nanostructured Materials and Composites
			Piotr Zabinski	New concept for Li-Ion battery thermal runaway prevention
		discussion		
<b>lunch break</b>	11:45:00			
		WS CL5		
<b>Afternoon</b>	13:45:00	Pres	Branka Nakomcic-Smaragdakis	Renewable Energy Technologies and Sustainability
		Pres	Mara Thiene	Analysis of preference and attitudes within an economic perspective
		Discussion		
	14:30:00	Pres	Ahmed Samy Yousef Saed	Modern Waste-to-Energy Technologies and Refining of Their Products and Secondary Raw Materials
		Pres	Dave Culliton	Disruptive Bioplastics: From Renewable Energy to Compost Cumulus.
		Discussion		
<b>coffee break</b>	15:15:00	coffee break	coffee break	coffee break

	15:30:00	Small group discussions		
<b>End</b>	<b>16:45:00</b>			

<b>Day 3</b>	<b>Feb 25</b>			
	time	Session	who/what	title
morning	09:00:00	WS CL5/CL4	intro by Holger Ihssen	Trends in HEU Energy research Part II
	09:15:00		Xin Sun	Sustainability of critical materials and energy technologies
			Giedrius Janusas	Automation, Remanufacturing and Textile Circularity: Research Directions for Horizon Europe
		Discussion		
	10:00:00		Simon Stier	Data and AI driven interlinking of Materials & Sustainability Research
			Giampaolo Campana	Sustainability indices of materials and processes
		discussion		
<b>coffee break</b>	10:45:00	coffee break		
	11:00:00		Michela Alfe	Customized Advanced Material for Energy Applications
			Tuncay Yalcinkaya	Multi-scale modeling of damage and fracture to enable sustainable next-generation energy materials and technologies
			Inan Tulay	Sustainable ion conductive membranes for energy applications
<b>lunch break</b>	<b>12:00:00</b>			<b>LUNCH</b>

		WS CL4/CL5		
<b>Afternoon</b>	14:00:00	Pres	Mina Namvari	Multifunctional 2D Materials: from Design to Application
		Pres	Davood Peyrow Hedayati	Multifunctional Energy Storage Systems as a Paradigm Shift: Design Challenges and Opportunities
		Discussion		
	14:45:00	Small group discussions		
	16:00:00	Conclusion	Sawako Nakamae	
<b>coffee break</b>	16:15:00	coffee and continue discussion		
<b>End</b>	<b>17:00:00</b>			