



16-18
SEPTEMBER
2023
KARPACZ-WROCŁAW
POLAND



unite!



PROGRAM

Saturday, September 16th

12 ¹⁵ – 12 ⁴⁵	Lunch break	main hall, ground floor
13 ⁰⁰ – 13 ⁴⁵	Opening Remarks; Towards Unite! Cooperation in Research and Innovation Moderators: <i>Roberto Zanino, Juan Jesus Perez, Piotr Młynarz, Katarzyna Chojnacka</i>	restaurant, first floor
13 ⁴⁵ – 15 ⁴⁵	Pitch presentations Moderators: <i>Riccardo Vesipa, Yash Chawla</i>	main hall, ground floor
15 ⁴⁵ – 16 ¹⁵	Coffee Break	hall, ground floor
	Scientific presentations (parallel sessions I) Moderators: <i>Rafał Weron, Juan Jesus Perez</i>	
16 ¹⁵ – 17 ⁴⁵	Energy Transition	main hall, ground floor
	Green Transition	
	Climate	
	Scientific presentations (parallel sessions II) Moderators: <i>Barbara Widera, Anna Kowalska-Pyzalska</i>	
16 ¹⁵ – 17 ¹⁵	Energy Transition	room 100, fourth floor
	Green Transition	
	Climate	
18 ⁰⁰ – 20 ⁰⁰	Dinner	restaurant, first floor

Sunday, September 17th

8 ⁰⁰ – 9 ⁰⁰	Breakfast	restaurant, first floor
9 ⁰⁰ – 13 ⁰⁰	Trekking Workshop to Śnieżka Mountain – discussion on thematic communities, exploring cooperation opportunities within Unite! Alliance Moderators: <i>Juliusz Winiarski, Filip Gil</i>	start from: ground floor
13 ⁰⁰ – 14 ⁰⁰	Lunch	restaurant, first floor
14 ⁰⁰ – 15 ³⁰	Fishbowl discussion Unite! Science – cooperation perspectives between 9 universities Moderators: <i>Roberto Zanino, Juan Jesus Perez, Katarzyna Chojnacka</i>	main hall, ground floor
15 ³⁰ – 16 ⁰⁰	Coffee Break	hall, ground floor





16-18
SEPTEMBER
2023
KARPACZ-WROCŁAW
POLAND



unite!



Roundtable discussion: meeting of thematic communities

16 ⁰⁰ – 17 ⁰⁰	Energy Moderators: <i>Roberto Zanino, Rafał Weron</i>	<i>main hall, ground floor</i>
	Green Moderators: <i>Juan Jesus Perez, Katarzyna Chojnacka</i>	<i>room 30-50, fourth floor</i>
	Climate Moderators: <i>Riccardo Vesipa, Barbara Widera</i>	<i>room 100, fourth floor</i>
17 ⁰⁰ - 18 ⁰⁰	Horizon Europe Proposals Matchmaking Session Moderator: <i>Katarzyna Weron, Konrad Löbcke, Barbara Widera</i>	<i>main hall, ground floor</i>
19 ⁰⁰	Gala Dinner	<i>restaurant, first floor</i>

Monday, September 18th

7 ⁰⁰ – 8 ⁰⁰	Breakfast	<i>restaurant, first floor</i>
8 ⁰⁰ – 8 ³⁰	Session – Exploring the newly formed Unite! Horizon Consortia Speakers: coordinators Moderators: <i>Konrad Löbcke, Katarzyna Weron</i>	<i>main hall, ground floor</i>
	Conference Closing Remarks Moderators: <i>Katarzyna Chojnacka, Juan Jesus Perez, Riccardo Vesipa</i>	
9 ¹⁵ – 9 ³⁰	Coffee break	<i>hall, ground floor</i>
9 ³⁰ – 10 ⁴⁵	Preparatory workshop for Unite!-EELISA meeting Moderators: <i>Roberto Zanino, Juan Jesus Perez</i>	<i>main hall, ground floor</i>
10 ⁴⁵	Take away lunch	<i>hall, ground floor</i>
11 ⁰⁰	Departure from Karpacz	





**16-18
SEPTEMBER
2023**
KARPACZ-WROCŁAW
POLAND



unite!



Scientific presentations (parallel sessions I)
Saturday, September 16th

Moderators: *Rafał Weron, Juan Jesus Perez*
main hall, ground floor

Energy Transition

-
- 16¹⁵ – 16³⁰ *Applied Machine Learning for the Energy Transition, Arpad I. Toldy*
-
- 16³⁰ – 16⁴⁵ *A turnkey solution for buildings through integrated PV electricity and energy storage (PV-ESS), Farzin Golzar*
-

Green Transition

-
- 16⁴⁵ – 17⁰⁰ *Resource efficient magnet for green energy application, Pelin Tozman*
-
- 17⁰⁰ – 17¹⁵ *Digital Mining Center and its research supporting green transition, Magdalena Worsa-Kozak*
-
- 17¹⁵ – 17³⁰ *Geothermal lithium - green source of battery metals in Europe - the BrineRIS project, Magdalena Worsa-Kozak*
-

Climate

-
- 17³⁰ – 17⁴⁵ *Climate induced hydrological impacts in catchment areas - selected German case studies, Mahshid Khazaeiathar*
-





16-18
SEPTEMBER
2023
 KARPACZ-WROCŁAW
 POLAND



unite!



Scientific presentations (parallel sessions II)
 Saturday, September 16th

Moderators: *Barbara Widera, Anna Kowalska-Pyzalska*
room 100, fourth floor

Energy Transition

16¹⁵ – 16³⁰ *UPC Specific Center for Hydrogen Research Capabilities, Maria Serra*

Green Transition

16³⁰ – 16⁴⁵ *How Artificial Intelligence Could Help Mitigate Climate Change through Architecture, Ingrid Campo Ruiz*

16⁴⁵ – 17⁰⁰ *Supply chains as enablers for the circular transition, Andrea Tuni*

17⁰⁰ – 17¹⁵ *Tuning Semiconductor Dopant Concentration: n++ Gas Immersion Laser Doping of p++ Emitters in Phosphorus Oxychloride, Killian Paulo Kiernan Lobato*



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101017406



16-18
SEPTEMBER
2023
KARPACZ-WROCŁAW
POLAND



unite!



Roundtable discussion: meeting of thematic communities

Sunday, September 17th
Secretary: Juliusz Winiarski

Energy Transition

Moderators: *Roberto Zanino, Rafał Weron*
main hall, ground floor

1. *Sustainable Energy Systems: Challenges and Opportunities*
Secretary: *Yash Chawla*
2. *The Role of Universities in Driving Energy Transition and Climate Adaptation*
Secretary: *Katarzyna Pstrowska*
3. *Emerging Technologies for Renewable Energy*
Secretary: *Małgorzata Mironiuk*
4. *Horizon Calls: Building Effective Consortia for Clusters 5 & 6*
Secretary: *Monika Betlej*

Green Transition

Moderators: *Juan Jesus Perez, Katarzyna Chojnacka*
room 30-50, fourth floor

1. *Green Transition: Innovative Approaches and Techniques*
Secretary: *Izabela Michalak*
2. *Policy and Regulation: Shaping the Green Transition*
Secretary: *Grzegorz Izydorczyk*
3. *Circular Economy: Principles and Implementation*
Secretary: *Dawid Skrzypczak*
4. *Internship and Infrastructure Sharing: Facilitating Cross-Border Collaboration*
Secretary: *Konrad Löbcke*

Climate

Moderators: *Riccardo Vesipa, Barbara Widera*
room 100, fourth floor

1. *Climate Change Adaptation Strategies*
Secretary: *Katarzyna Mikula*
2. *Climate Change Mitigation: Carbon Capture and Storage Technologies*
Secretary: *Rafał Łużny*
3. *Impact of Climate Change on Biodiversity*
Secretary: *Sylwia Hull*
4. *Educating for Sustainability: The Role of Academic Institutions*
Secretary: *Hanna Fałtynowicz*



Co-funded by
the European Union



This project has received funding from the
European Union's Horizon 2020 research
and innovation programme under grant
agreement No 101017406