



JOINT CONFERENCE
22 OCTOBER 2024

INTEGRATING GENDER DIMENSION AND EQUALITY OBJECTIVES INTO ENERGY AND DEEP TECH FIELDS FOR INCLUSIVE AND SUSTAINABLE FUTURE

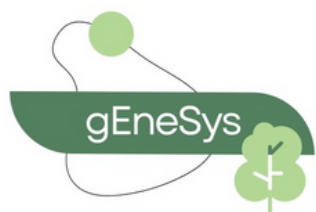
LESSONS FROM GENESYS AND NET4AIR ON INTEGRATING GENDER KNOWLEDGE INTO ENERGY TRANSITION AND DEEP TECH



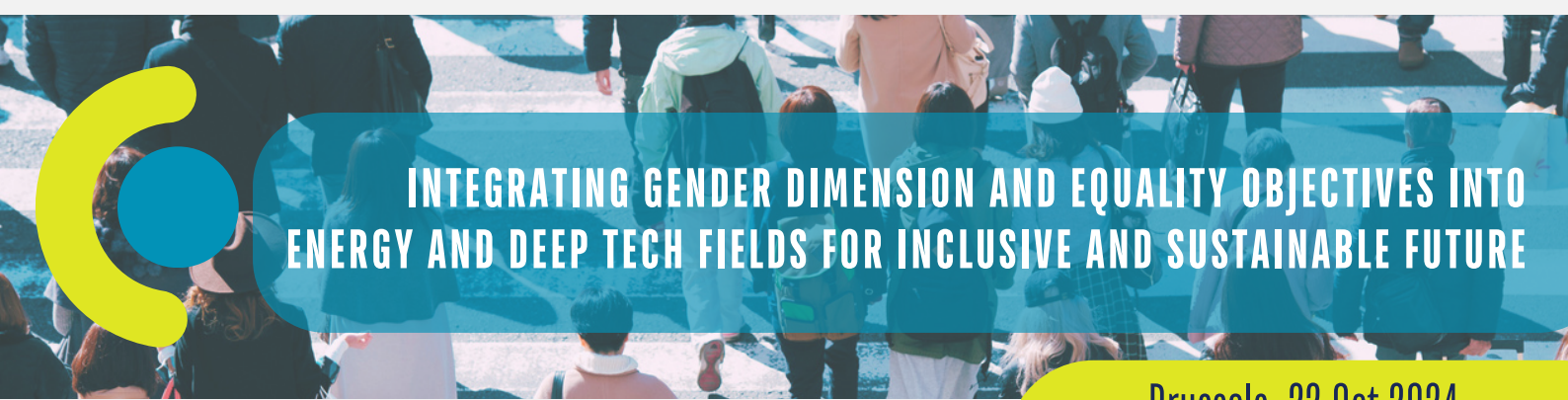
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Scotland House Round Point
Robert Schuman 6
1040 Brussels



Funded by
the European Union



INTEGRATING GENDER DIMENSION AND EQUALITY OBJECTIVES INTO ENERGY AND DEEP TECH FIELDS FOR INCLUSIVE AND SUSTAINABLE FUTURE

Brussels, 22 Oct 2024

AGENDA

9:30 - 10:00 ARRIVALS, NETWORKING, REFRESHMENTS

10:00 - 10:10 **WELCOMING** AND INFORMAL INTRODUCTIONS TO THE PROJECTS
gEneSys: *Lucio Pisacane*, CNR IRPPS (Italy), Coordinator
NET4Air: *Carmen Moldovan*, IMT (Romania), Coordinator

10:10 - 11:00 **POLICY ROUND TABLE: ADVANCING GENDER MAINSTREAMING AND RESPONSIBLE RESEARCH AND INNOVATION IN HORIZON EUROPE**

Luis Farina Busto, ERCEA. Working group Gender and Diversity
Marta Wysoczynska, Senior Policy Adviser in the Coordination and Analytics Team, EIC Department, EISMEA
Oriane Gilloz, Policy Officer in DG Research and Innovation - Gender Sector
Joana Simão Costa, Legal Officer DG Energy
Jeanne Lenders, Policy Officer DG Employment - Fair green digital transition

Moderator: *Martina Schraudner*, Fraunhofer, CERRI

11:00 - 11:20 COFFEE BREAK

11:30 - 13:00 **RESEARCH RESULTS AND LESSONS (SO FAR) FROM GENESYS**

Maria Camilla Fraudatario, CNR IRPPS. "What have we learned from literature about the nexus between gender and energy"
Antonio De Nicola, ENEA. "Gender gaps in knowledge communities"
Yara Evans, Imperial College. "Gender gaps in SSH recommendations"
Tadeusz Rudek, Jagiellonian University. "Gender gaps in textbooks and curricula"
Cloe Mirenda, CNR IRPPS. "NRRPs gaps in promoting a just and gender-sensitive energy transition"
Nana Klutse, AIMS. "Gaps and omissions in EU-AI cooperation on R&I" (recorded speech)

Moderator: *Clemens Striebing*, Fraunhofer, CERRI

13:00 - 14:00 LUNCH, NETWORKING, PARTICIPATORY ACTIVITIES



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14:00 - 15:45

GENDER DIMENSION CHALLENGES AND POLICIES IN DEEP TECH IN EUROPE AND BEYOND

Toshiyasu Ichioka, Director, RIKEN Europe Office. "Case studies for Europe and beyond"

Eefje Vandamme, Intellectual Matters BV. "Gender dimension in tech Innovation"

Simona Aracri, CNR INM. "A Route to Equality, Diversity, and Inclusivity in Soft Robotics"

Mircea Modreanu, Tyndall National Institute-University College Cork. "Addressing gender dimension in a deep tech Institution"

Clara-Mihaela Ionescu, Ghent University, ERC Grantee. "Sustainability of Gender dimension"

Moderator: *Melanie Timpel*, CNR IMEM

15:45 - 16:15

COFFEE BREAK, PARTICIPATORY ACTIVITIES

16:15 - 16:45

CONSOLIDATING KNOWLEDGE ON THE INTERACTIONS BETWEEN TECHNOLOGY AND SOCIETY. WHAT'S NEXT?

Clemens Striebing, Fraunhofer, CERRI

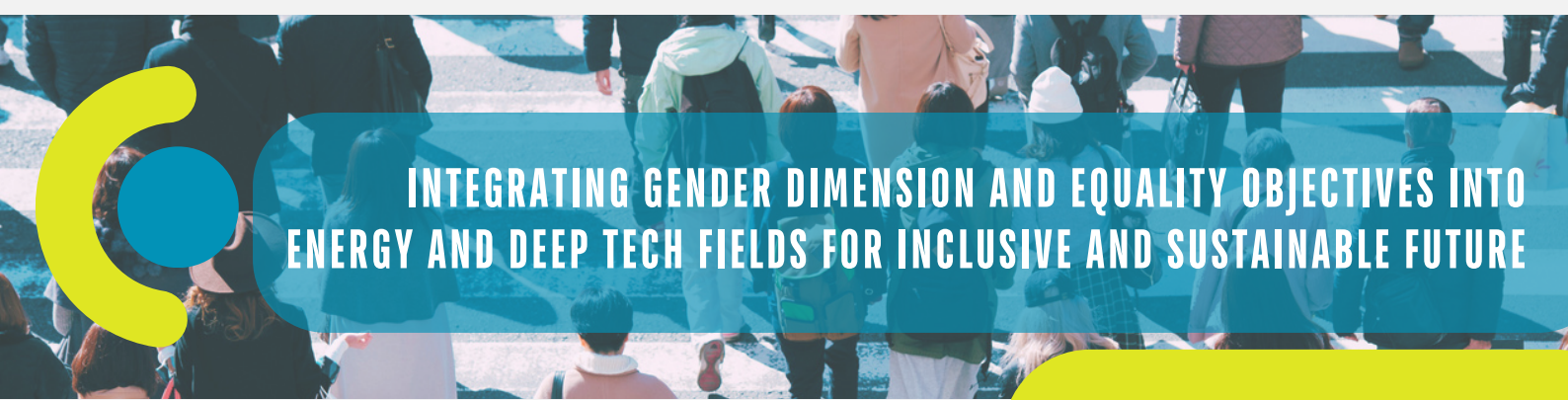
Maria Losurdo, CNR ICMATE

16:45 - 17:30

Q&A, OPEN DISCUSSION, AND IDEAS FOR THE POSITION PAPER

Panellists: EC, gEneSys, NET4Air

Moderators: *Sabrina Presto*, CNR ICMATE and *Elizabeth Pollitzer*, PORTIA



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Deep tech and sustainable energy are crucial for the future as they drive innovations that address global challenges such as climate change, resource scarcity, and societal wellbeing. Deep tech, with its focus on advanced technologies like AI, communication technologies, photonics and optoelectronics, quantum computing and biotechnology, has the potential to revolutionize industries, enhance efficiency, and create new economic opportunities. Tackling the energy crisis and making effective transition to low-carbon economies are among the most essential challenges societies face today. The aim of this conference is to show how gender equality objectives can be integrated into the socio-technical pathways to inclusive and sustainable future.

Women are significantly underrepresented in both the deep tech and energy transition fields as researchers, innovators, entrepreneurs, decision makers, and leaders. The average share of women in the R&I workforce in energy sector companies in the EU27 is 22% (CINEA 2024). Only 14% of founders in deep tech startups are women. An important current policy driver for gender equality in the EU is the commitment in the Multiannual Financial Framework 2021-2027 for mainstreaming gender into the budgets of all funded programmes.

The conference aims to examine gender dimension in both green and digital transitions, to shape interactions between technology and society, and new understanding how to integrate gender equality as a significant objective of technologically focused interventions. The event targets science policy and decision makers and advisers, domain experts, researchers and innovators, promoting knowledge for social progress.

The conference is jointly organized by the two EU funded HorizonEurope projects gEneSys (Transforming Gendered Interrelations of Power and Inequalities in Transition Pathways to Sustainable Energy Systems) and NET4Air (Advanced nanotechnology-based devices and smart systems integration in environmental monitoring)

The meeting is intended to be interactive, participatory activities are encouraged to coproduce a position paper to be published.



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