Graphene Week Matchmaking Profiles

Prepare for our EU Funding Opportunities Matchmaking Session by exploring the statements of interest below. In this document, you will find the submitted statements of interest for the matchmaking session.

Participants without a detailed statement

The following participants submitted a blank or N/A statement. Their details are listed below.

Participant	Affiliation	Country	Participation interest
Anna Andersson	ABB	Sweden	I am curious about relevant EU funding opportunities
Daniel Antônio Faccin	Antonio Faccin e Marivone Bolzani Faccin	Brazil	N/A
Tom Badcock	Paragraf	United Kingdom	I am curious about relevant EU funding opportunities
Nihan Birgün	Ms	Türkiye	I would like to promote my expertise and find collaborators; I am curious about relevant EU funding opportunities
Ivana Cavaliere	ICFO	Spain	N/A
Atasi Chatterjee	National Metrology Institute of Germany, PTB Braunschweig	Germany	I would like to coordinate a project proposal and am looking for partners; I would like to promote my expertise and find collaborators; I am curious about relevant EU funding opportunities
Rasmiya Shirin Chemban	Uinversity of Chemistry and Technology,Prague	Czech Republic	I am curious about relevant EU funding opportunities
Saroj Dash	Chalmers University of Technology	Sweden	I would like to join a project proposal as a partner; I would like to promote my expertise and find collaborators; I am curious about relevant EU funding opportunities
Claudia Delgado SIMAO	University of Antwerp	Espanha	I would like to join a project proposal as a partner; I would like to promote my expertise and find collaborators
Shweta Deshmukh	UM-DAE Centre for Excellence in Basic Sciences, University of Mumbai (Kalina campus), Santa Cruz (E), Mumbai 400 098	INDIA	I am curious about relevant EU funding opportunities

Participant	Affiliation	Country	Participation interest
Henning Doescher	Fraunhofer Institut	Germany	I am curious about relevant EU funding opportunities
Nuno Domingues	ISEL	Portugal	N/A
Johan Ek Weis	Chalmers Industriteknik	Sweden	N/A
Marlene Faria	FI Group by EPSA Portugal	Portugal	I would like to join a project proposal as a partner; I would like to coordinate a project proposal and am looking for partners
Aristotelis Folas	Q-PLAN INTERNATIONAL ADVISORS PC	Greece	I would like to join a project proposal as a partner; I would like to promote my expertise and find collaborators
Bruna Fonseca	FI Group by EPSA Portugal	Portugal	I would like to join a project proposal as a partner; I would like to coordinate a project proposal and am looking for partners
Rafael Furlan de Oliveira	CNPEM	Brazil	I am curious about relevant EU funding opportunities
Montserrat Gallegos-Alegria	CICESE	Mexico	I am curious about relevant EU funding opportunities
Armin Gholizadeh	University of leeds- Bragg Centre for Materials Research at university of leeds	United Kingdom	I would like to promote my expertise and find collaborators; I am curious about relevant EU funding opportunities
Michael Gibney	Royce Institute Catalyst Programme	United Kingdom	I am curious about relevant EU funding opportunities
Meriem Gouasmi	University of Turin (unito)	Italy	I am curious about relevant EU funding opportunities
Vilhelmiina Hännikäinen	Tampere University	Finland	I am curious about relevant EU funding opportunities
Daniela Iacopino	Tyndall National Institute	Ireland	I would like to join a project proposal as a partner; I would like to promote my expertise and find collaborators; I am curious about relevant EU funding opportunities
Seema Islam	CDL Cyber	United Kingdom	N/A
Muthumalai Karuppasmay	University of Chemistry and Technology	Czech Republic	I am curious about relevant EU funding opportunities
Samuel Lara-Avila	Chalmers University of Technology	Sweden	I would like to join a project proposal as a partner; I would like to promote my expertise and find collaborators; I am curious about relevant EU funding opportunities
Yukun Lian	TU Delft	Netherlands	I am curious about relevant EU funding opportunities
Kerli Liivand	Jälle Technologies	Estonia	I would like to join a project proposal as a partner; I would like to promote my expertise and find collaborators; I am curious about relevant EU funding opportunities
Shishi Liu	Institute for Chemistry and Biochemistry FUB	Germany	I am curious about relevant EU funding opportunities
Thuany Maraschin	XGraphene	Brazil	I would like to join a project proposal as a partner

Participant	Affiliation	Country	Participation interest
Neelakandan Marath Santhosh	Jožef Stefan Institute	Slovenia	I would like to join a project proposal as a partner; I am curious about relevant EU funding opportunities
Eduardo Marques	Faculty of Sciences - University of Porto	Portugal	I would like to promote my expertise and find collaborators; I am curious about relevant EU funding opportunities
Kalaiarasan Meganathan	Univestity of Chemistry and Technology, Prague	Czech Republic	N/A
Šarūnas Meškinis	Institute of Materials Science of Kaunas University of Technology	Lithuania	I would like to join a project proposal as a partner; I would like to promote my expertise and find collaborators
Abbas Mohtashami	TNO	Netherlands	I would like to promote my expertise and find collaborators
Elena Molokanova	University of California Irvine / NeurANO	US	I would like to promote my expertise and find collaborators; I am curious about relevant EU funding opportunities
Susanna Narkilahti	Tampere University	Finland	I would like to join a project proposal as a partner
Babita Negi	RWTH Aachen University	Germany	N/A
Ana Claudia Nioac de Salles	Fraunhofer Institute for Chemical Technology ICT	Germany	I am curious about relevant EU funding opportunities
Andreia Oliveira	Graphenest	Portugal	I would like to join a project proposal as a partner; I would like to promote my expertise and find collaborators; I am curious about relevant EU funding opportunities
Sofia Oliveira	FI Group by EPSA Portugal	Portugal	I would like to join a project proposal as a partner; I would like to coordinate a project proposal and am looking for partners
Irini Petrou	University of Applied Sciences Kaiserslautern	Germany	N/A
Jörg Radnik	Federal Institute for Material Research and Testing (BAM)	Germany	I would like to promote my expertise and find collaborators
Maite Riano Junquera	CSIC	Spain	I would like to join a project proposal as a partner; I would like to coordinate a project proposal and am looking for partners; I would like to promote my expertise to find collaborators
Virginia Ranaweera	University of Jyväskylä	Finland	I am curious about relevant EU funding opportunities
Manuel Santos	FCT	Portugal	I would like to join a project proposal as a partner
Maksim Sargsyan	Yerevan State University	Armenia	I am curious about relevant EU funding opportunities
Mariana Silva	Queen's University Belfast	United Kingdom	I am curious about relevant EU funding opportunities
VIKASH SINGH	IIT ROPAR	INDIA	I would like to promote my expertise and find collaborators; I am curious about relevant EU funding opportunities
Daniel Steinmeyer	Volkswagen AG	Germany	N/A

Participant	Affiliation	Country	Participation interest
Thais Tasso Guaraldo	Coventry University	United Kingdom	I would like to coordinate a project proposal and am looking for partners; I would like to promote my expertise and find collaborators
Bruno Teixeira	ANI	Portugal	N/A
Spyros Tsiotos	Adamant Composites	Greece	N/A
Stefania Vitale	European Science Foundation (ESF)	France	N/A
Laura von Lüders	Company	Germany	I am curious about relevant EU funding opportunities
Spyros Yannopoulos	FORTH and University of Patras	Greece	N/A
Tomoko Yokaichiya	Fritz-Haber-Institut der MPG, Berlin	Germany	I would like to promote my expertise and find collaborators; I am curious about relevant EU funding opportunities
Aldo J.G. Zarbin	Department of Chemistry, Federal University of Paraná (UFPR)	Brazil	I am curious about relevant EU funding opportunities

Detailed statements

1. Anna Aleksandrova, HU Berlin

Country of residence	**Germany**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Built environment and constructions (Cluser 6, New European Bauhaus) • Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6) • ERC Synergy Grants
Participation interest	• I would like to coordinate a project proposal and am looking for partners

Statement of interest

Institut Kurz and research associates at Humboldt University of Berlin are developing NEG (Non-Ergodic Generator), a nanoscale element designed for chip-scale integration.
The NEG mechanism — magnetic-field-induced rectification of electron transport in curved ballistic graphene channels.
The device generates electrical power directly from the thermal motion of electrons, without fuel, sunlight, or a chemical battery.
The design target is chip-scale integration — arrays of many NEG elements packed onto a single chip.

2. Beatriz Alonso Rodríguez, Graphenea SA

Country of residence	**Spain**
Topics / calls of interest	• Built environment and constructions (Cluser 6, New European Bauhaus) • Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to join a project proposal as a partner

Statement of interest

Graphenea has extensive experience in producing high-quality graphene oxide (GO) and its derivatives. We can tailor our GO materials—adjusting parameters such as surface decoration, functionalization, oxygen content, flake size, and concentration—to meet the precise requirements of various applications and sectors. We welcome collaborations to customize materials, develop specific formulations, and assist with scale-up production.

3. Inge Asselberghs, imec

Country of residence	**Belgium**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Digital, AI and emerging technology (Cluster 4, Horizontal Activities)
Participation interest	• I am curious about relevant EU funding opportunities

Statement of interest

Identifying opportunities where imec can act as a partner in projects aiming for transitioning from lab-to-fab by providing process support, dedicated platform enablement, and device- and system-level analysis for emerging technologies, new materials, processes, and various applications.

4. Ana Luiza C. Pereira, University of Campinas - UNICAMP

Country of residence	**Brazil**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I am curious about relevant EU funding opportunities

Statement of interest

I lead a research group at UNICAMP (Brazil) developing graphene-based functional materials through advanced manufacturing. Our expertise includes laser-induced GO reduction for conductive architectures, 3D printing of rGO-filled resins, process–structure–function studies, and electrical characterization. We also develop biodegradable starch–pectin/GO biofilms and flexible humidity sensors, investigating humidity-driven energy harvesting and interfacial charge phenomena in GO/rGO systems.

5. Maria Camarena, Delft University of Technology

Country of residence	**España**
Topics / calls of interest	• Digital, AI and emerging technology (Cluster 4, Horizontal Activities) • ERC Synergy Grants
Participation interest	• I would like to promote my expertise and find collaborators • I am curious about relevant EU funding opportunities

Statement of interest

We work with transfer-free, multilayer graphene and other 2D materials to create next generation sensors and neural interfaces. We look for potential collaboration that enables the integration of 2D materials at a wafer scale for next generation devices.

6. Davide Campi, University of Milano-Bicocca

Country of residence	**Italy**
Topics / calls of interest	• Digital, AI and emerging technology (Cluster 4, Horizontal Activities) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6) • ERC Synergy Grants
Participation interest	• I would like to join a project proposal as a partner

Statement of interest

I work in the field of high-throughput computational screenings for low dimensional materials including discovery of new materials, design of screening funnels for desired properties, computational characterization of materials. I'm looking for partners interested in the efficient exploration of complex materials properties in a vast material space.

7. Alexandre Carvalho, i3N / University of Aveiro

Country of residence	**Portugal**

Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Digital, AI and emerging technology (Cluster 4, Horizontal Activities) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6) • ERC Synergy Grants
Participation interest	• I would like to promote my expertise and find collaborators • I am curious about relevant EU funding opportunities

Statement of interest

I work on both CVD graphene (focused on GFET-based sensors) and laser processing, both on the synthesis size (Laser induced graphene) and CVD-graphene patterning for low cost components and sensors. I also work on general laser processing of other materials.

8. Silvia Colella, PNO Digital

Country of residence	**Italy**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Built environment and constructions (Cluser 6, New European Bauhaus) • Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership) • Digital, AI and emerging technology (Cluster 4, Horizontal Activities) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6) • ERC Synergy Grants
Participation interest	• I would like to promote my expertise and find collaborators

Statement of interest

PNO Innovation Digital is looking to connect with companies, research organisations, technology developers and project coordinators working on European R&I opportunities. We support organisations in identifying funding opportunities, building collaborations and consortia, and turning R&D into impact and market opportunities. Our expertise includes innovation and project development, exploitation and market uptake, business and technology intelligence, stakeholder engagement, communication and dissemination. We are particularly interested in advanced materials, manufacturing, energy and climate technologies, circular economy, digitalisation and AI, both to support new initiatives and contribute as a partner to European R&I projects.

9. Pedro Costa, INL

Country of residence	**Portugal**
Topics / calls of interest	• Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership) • ERC Synergy Grants
Participation interest	• I would like to join a project proposal as a partner, I would like to promote my expertise to find collaborators, I am curious about relevant EU funding opportunities

Statement of interest

We are a research group based in Braga, Portugal, with considerable expertise in the characterisation of 2D and Energy Materials by Electron Microscopy. We would be interested in partnering up with consortia targeting TRL 1-5, where the analysis of physico-chemical phenomena at the micro-to-nanoscale can make a difference.

10. Glanluigi Creonti, Crossfire Srl

Country of residence	**Italy**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to join a project proposal as a partner • I would like to promote my expertise and find collaborators

Statement of interest

Expertise : Mass Prodiction Circular Recyclable Lightweight composite raw materials. Recycled Carbon fabric direct re-use
VItrimer self healing behave; Graphene Oxide addition patented technology
Looks for Automotive, Marine, Wind and building innovation projects

11. Volodymyr Deineka, University of Latvia

Country of residence	**Latvia**
Topics / calls of interest	• Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to join a project proposal as a partner • I would like to promote my expertise and find collaborators

Statement of interest

I am a researcher specializing in 2D nanomaterials and biomedical engineering. My work focuses on the biological effects of 2D nanomaterials, MXene surface functionalization through antibody conjugation, and electrospun biodegradable polymer scaffolds (e.g., chitosan, gelatin). My expertise includes MXene processing, biocompatibility and toxicity assessment, targeted drug delivery, photothermal therapy, wound healing, and sustainable biomaterials. I am experienced in advanced in vitro and in vivo studies, including imaging, flow cytometry, qPCR, and immunoassays. I am seeking to join Horizon Europe consortia as an expert partner, contributing nanomaterial characterization and bioengineering expertise for sustainable biomaterials and translational medicine.

12. Paula Dias, UPORTO - FEUP - LEPABE

Country of residence	**Portugal**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6) • ERC Synergy Grants
Participation interest	• I would like to join a project proposal as a partner • I am curious about relevant EU funding opportunities

Statement of interest

I coordinate the ZeroCarb project, funded by the EIC Transition programme, which is developing a catalytic methane splitting technology to produce decarbonized hydrogen and renewable graphitic carbon. I am interested in establishing collaborations to explore and develop innovative applications for these sustainable and tunable graphitic carbon materials across a range of industrial and advanced technology sectors.

13. Roberta Fabbri, Institute for Organic Synthesis and Photoreactivity (ISOF)-National Research Council of Italy (CNR)

Country of residence	**Italy**
Topics / calls of interest	• Digital, AI and emerging technology (Cluster 4, Horizontal Activities) • ERC Synergy Grants
Participation interest	• I would like to promote my expertise and find collaborators • I am curious about relevant EU funding opportunities

Statement of interest

Our research group at ISOF-CNR focuses on the development and validation of graphene-based materials and devices enabling the communication with neural cells. We are interested in collaborations that bring together complementary expertise to advance our understanding of the fundamental mechanisms underlying the nervous system function and dysfunction, while driving innovative bioelectronic technologies for the study and treatment of neurological disorders.

14. Bruno Figueiredo, Graphenest SA

Country of residence	**Portugal**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership)
Participation interest	• I am curious about relevant EU funding opportunities

Statement of interest

Graphene-based absorption materials

15. Francisco José Galindo-Rosales, CEFT/ALiCE, Department of Chemical and Biological Engineering, Faculty of Engineering of the University of Porto

Country of residence	**Portugal**
Topics / calls of interest	• ERC Synergy Grants
Participation interest	• I would like to join a project proposal as a partner • I would like to promote my expertise and find collaborators • I am curious about relevant EU funding opportunities

Statement of interest

I am interested in joining collaborative EU project proposals as a partner in the areas of 2D materials processing, rheology, microfluidics and advanced manufacturing. My expertise focuses on flow-based exfoliation and dispersion of graphene and other 2D materials, including transonic/microfluidic flow focusing, rheological characterisation, ink formulation, and process–structure–property relationships. I am particularly interested in projects addressing scalable, solvent-efficient production of graphene, stabilisation of functional inks and coatings, and rheology-guided printing, and integration of 2D materials into smart, sensing or structural applications. I can contribute with experimental rheology, microfluidic processing, high-speed imaging, formulation design and modeling.

16. Amir Ghiami, Oxford Instruments Plasma Technology

Country of residence	**Germany**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Digital, AI and emerging technology (Cluster 4, Horizontal Activities)
Participation interest	• I would like to join a project proposal as a partner • I would like to promote my expertise and find collaborators

Statement of interest

I have around 10 years of experience in synthesis, characterization and device integration of 2D materials. I am also familiar with machine learning approaches and implementing AI models for process optimization and study of materials behaviour. I am exploring ideas of deeply integrating AI methods in 2D material technology chain, spanning synthesis/deposition, characterization, and automation.

17. Glaura Goulart Silva, CTNano/UFMG

Country of residence	**Brazil**
Topics / calls of interest	• Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to promote my expertise and find collaborators • I am curious about relevant EU funding opportunities

Statement of interest

Partner search for scale-up production of graphene oxide and the development of advanced materials based on graphene and other carbon nanomaterials. We seek partners for collaborative R&D, technology validation, pilot-scale manufacturing, and industrial applications. Our expertise includes polymer nanocomposites, membranes for water treatment, energy storage materials, protective coatings, and functional additives. We are interested in collaborative projects addressing sustainable materials, advanced manufacturing, circular economy, and the commercialization of graphene-enabled technologies.

18. Francesco Greco, Sant'Anna School of Advanced Studies, Pisa

Country of residence	**Italy**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6) • ERC Synergy Grants
Participation interest	• I would like to join a project proposal as a partner • I would like to promote my expertise and find collaborators • I am curious about relevant EU funding opportunities

Statement of interest

expertise in materials for bioelectronics, conjugated polymers, wearable/epidermal electronics, laser induced graphene, materials and processes for green electronics, circular economy.

19. Joana Guerreiro, IPLEXMED, Lda

Country of residence	**Portugal**
Topics / calls of interest	• Digital, AI and emerging technology (Cluster 4, Horizontal Activities)
Participation interest	• I would like to join a project proposal as a partner, I would like to promote my expertise to find collaborators, I am curious about relevant EU funding opportunities

Statement of interest

IPLEXMED is developing a portable, graphene-based diagnostic platform for rapid, multiplex detection of respiratory pathogens and antimicrobial resistance markers at the point of care. Our technology support faster clinical decision-making in settings such as emergency care, respiratory disease management and decentralised diagnostics.
We are looking to connect with European partners interested in building collaborative projects around graphene biosensors with multiplex capacity, point-of-care diagnostics,clinical validation, data analysis, and scalable manufacturing of 2D-material-based medical devices.
IPLEXMED can contribute expertise in graphene-based biosensing, pathogen detection, assay development, clinical feasibility testing, and medical device translation. We are particularly interested in consortia targeting Horizon Europe Health calls related to diagnostics, personalised medicine and digital health, as well as Eurostars/Eureka and other European funding opportunities supporting deep-tech medical diagnostics.
We are open to partnerships with research institutes, hospitals, SMEs, industrial partners and organisations with complementary expertise in 2D materials microfabrication and scalable manufacturing.

20. Joana Guerreiro

Country of residence	**Portugal**
Topics / calls of interest	• Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to join a project proposal as a partner, I would like to promote my expertise to find collaborators, I am curious about relevant EU funding opportunities

Statement of interest

IPLEXMED is developing a portable, graphene-based diagnostic platform for rapid, multiplex detection of respiratory pathogens and antimicrobial resistance markers at the point of care. Our technology support faster clinical decision-making in settings such as emergency care, respiratory disease management and decentralised diagnostics.
We are looking to connect with European partners interested in building collaborative projects around graphene biosensors with multiplex capacity, point-of-care diagnostics,clinical validation, data analysis, and scalable manufacturing of 2D-material-based medical devices.
IPLEXMED can contribute expertise in graphene-based biosensing, pathogen detection, assay development, clinical feasibility testing, and medical device translation. We are particularly interested in consortia targeting Horizon Europe Health calls related to diagnostics, personalised medicine and digital health, as well as Eurostars/Eureka and other European funding opportunities supporting deep-tech medical diagnostics.
We are open to partnerships with research institutes, hospitals, SMEs, industrial partners and organisations with complementary expertise in 2D materials microfabrication and scalable manufacturing.

21. Facundo Gutierrez, BORN GmbH

Country of residence	**Germany**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to join a project proposal as a partner • I am curious about relevant EU funding opportunities

Statement of interest

BORN GmbH develops advanced knitted textiles and seamless wearable systems through its Smart Textile Hub. We specialize in integrating sensing, electromuscular stimulation, energy harvesting and storage, and robotic textile technologies into functional garments, supporting the path from research to industrial prototypes. We are looking to join Horizon Europe and EIC projects as an industrial partner for next-generation smart textile applications.

22. Daniil Karnaushenko, Research Center MAIN TU Chemnitz

Country of residence	**Germany**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Built environment and constructions (Cluser 6, New European Bauhaus) • Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership) • Digital, AI and emerging technology (Cluster 4, Horizontal Activities) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6) • ERC Synergy Grants
Participation interest	• I would like to join a project proposal as a partner

Statement of interest

I am interested in partnerships around flexible electronics, self-assembled microelectronics, small-scale autonomous systems, and advanced sensor platforms for environmental and bio-related applications. My project interests include compact, low-power sensing systems, integration of functional materials with microelectronic architectures, and scalable approaches for smart surfaces, biointerfaces, and distributed sensor networks. I am looking to connect with partners working on graphene-enabled sensors, flexible devices, printed/self-assembled electronics, and autonomous microsystems.

23. Adam Kelly, Universidade NOVA de Lisboa

Country of residence	**Portugal**
Topics / calls of interest	• Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership) • Digital, AI and emerging technology (Cluster 4, Horizontal Activities) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to join a project proposal as a partner • I would like to promote my expertise and find collaborators

Statement of interest

PI at CENIMAT specializing in solution-processed nanomaterials (LPE/ECE) for high-performance electronics. My core expertise lies in optimising network electrical/structural behaviors to engineer thin films. Additionally, I created a methodology for identifying strategic advanced materials. Seeking to join active consortia or launch new projects.

24. Olaf Kievit, TNO

Country of residence	**Netherlands**
Topics / calls of interest	• Digital, AI and emerging technology (Cluster 4, Horizontal Activities)
Participation interest	• I would like to join a project proposal as a partner • I am curious about relevant EU funding opportunities

Statement of interest

TNO (Netherlands Organisation for Applied Scientific Research) hosts a Quantum Sensing Testbed, with instruments based on Nitrogen Vacancy (NV) centres in diamond. These NV centres are defects in the diamond lattice sensitive to magnetic fields, currents, rotation and temperatures.
TNO employs the Testbed to test and develop quantum sensing solutions with partners and end users. The suite of state-of the art quantum sensors allows for a fast assessment of use case feasibility and it offers an excellent starting point for the development of tailored solutions. One of our top priority use cases is the characterisation of 2D-materials, measuring properties like defectivity, conductivity, charge mobility and temperature.

25. Ronald Klomp, Royal Netherlands Aerospace Centre NLR

Country of residence	**Netherlands**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4)
Participation interest	• I would like to join a project proposal as a partner • I would like to promote my expertise and find collaborators

Statement of interest

NLR is the Aerospace Research Centre in The Netherlands, operating worldwide. With respect to graphene, our interest is in working with graphene modified composites and coatings that will help improve the performance (in wide range) of aerospace components where we bring in the expertise on composites design, analysis, manufacturing and testing incl. industrialisation of the manufacturing process. Testing ranges from coupon level up to prototype, incl. flying.

26. Sree Raj Koottumvathukkal Anil Raj, University of Chemistry and Technology Prague

Country of residence	**Czech Republic**
Topics / calls of interest	• Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership)
Participation interest	• I would like to join a project proposal as a partner • I am curious about relevant EU funding opportunities

Statement of interest

I am interested in solid electrolyte interphase modification of lithium metal batteries with modifications on the current collector and the separator using new materials. Currently I am working in the modification of current collectors using MXene for liquid lithium metal batteries. I would like to expand the research to both on current collectors and separtors. As a next step I would like colloborate with partners with similar mind to explre these ideas into solid state lithium matal batteries.

27. Eva Kovacevic, GREMI CNRS&University of Orleans

Country of residence	France
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership) • Digital, AI and emerging technology (Cluster 4, Horizontal Activities) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6) • ERC Synergy Grants
Participation interest	• I would like to join a project proposal as a partner • I would like to coordinate a project proposal and am looking for partners • I would like to promote my expertise and find collaborators • I am curious about relevant EU funding opportunities

Statement of interest

Our expertise is SSdB, our processes are low temperature, low power hybrid plasmas, which can be connected with energy consumoing processes, as gas converison towards CRMs.
We offer to partners transportable material and process diagnostics, our know how in mesoporous and vertical strcutures, 2D/3D stacked architectures, MoS2 , Graphene, polymers, their functionalisationa and doping, functionalized surfaces with switchable wettability. We worked on supercapacitors, biosensors, CO2, CH4 converison towards materials, C2H2 converisona nd production, and many other fields including adhesive interfaces for dual use and extreme conditions.We offer design, clean room
Intensive activity and PI- (plasma enhanced)durability testing of AM, walls/chambers/ facilities cleaning and conditioning

28. Jitender Kumar, TACC Limited

Country of residence	INDIA
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Built environment and constructions (Cluser 6, New European Bauhaus) • Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership) • Digital, AI and emerging technology (Cluster 4, Horizontal Activities) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6) • ERC Synergy Grants
Participation interest	• I would like to join a project proposal as a partner • I would like to coordinate a project proposal and am looking for partners • I would like to promote my expertise and find collaborators • I am curious about relevant EU funding opportunities

Statement of interest

Role of Graphene derivatives in industrial application. TO explore possibilities of utilizing graphene based materials for specialized applications such as defense , quantum computing and robotics.

29. Paulo Lage, AIRBUS

Country of residence	**United Kingdom**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Digital, AI and emerging technology (Cluster 4, Horizontal Activities) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to join a project proposal as a partner, I would like to promote my expertise to find collaborators • I would like to coordinate a project proposal and am looking for partners

Statement of interest

Producers of graphene doped masterbatches suitable to manufacture thermoplastic based CFRP pre-pregs.
Experienced researchers, industrial or academic, able to quantify accurately conductivity properties of graphene doped CFRP aero-components.
Graphene material suppliers that are willing to test physical demonstrators in order to determine material suitability for aerospace applications.

30. Simone Leva, Kerakoll SpA

Country of residence	**Italy**
Topics / calls of interest	• Built environment and constructions (Cluser 6, New European Bauhaus) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to promote my expertise and find collaborators • I am curious about relevant EU funding opportunities

Statement of interest

Graphene use in cement-based and polymer-based building products.

31. Sean Mallia, University of Malta

Country of residence	**Malta**
Topics / calls of interest	• Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership) • ERC Synergy Grants
Participation interest	• I would like to promote my expertise and find collaborators • I am curious about relevant EU funding opportunities

Statement of interest

I am an MSc. Student and Researcher at the University of Malta, with expertise in the synthesis, analysis, and future application of reduced graphene oxide (rGO) aerogels. This novel material possesses unique properties that would make it useful in the fields of filtration & decontamination, energy storage, climactic & gas sensors, and medicine. Unfortunately, the synthesis parameters that affect the final properties of these aerogels are poorly understood, and so their synthesis has been largely limited to laboratory-scale production.
I wish to bring my expertise and practical understanding of synthesising these aerogels to a potential use case that can take advantage of rGO aerogels' unique properties.

32. Diana Marcano, Łukasiewicz Research Network

Country of residence	**Poland**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4)
Participation interest	• I would like to promote my expertise and find collaborators

Statement of interest

Why Mxenes/Mxenes Hybrids?
From safe-and-sustainable-by-design (SSbD) lab-scale production (tens of grams) to the hundreds of kilograms required by industry, we are seeking a clear USP to advance this multifunctional 2D material to the next stage.

33. Mateusz Marczewski, Łukasiewicz Research Network - Poznań Institute of Technology

Country of residence	**Poland**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to join a project proposal as a partner • I would like to promote my expertise and find collaborators

Statement of interest

I am the Area Leader for Engineering Materials Development at Łukasiewicz - Poznań Institute of Technology. My expertise combines powder metallurgy and field-assisted sintering with thin-film and coating technologies, including aerosol deposition and magnetron sputtering. I work on the development and characterisation of metallic, ceramic and composite materials, including materials for energy applications. I have experience in international R&D projects, industrial cooperation, technology transfer and process scale-up. I am interested in establishing contacts with research and industrial partners and exploring potential cooperation in future European projects.

34. Maria Martins, Citeve

Country of residence	**Portugal**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership) • Digital, AI and emerging technology (Cluster 4, Horizontal Activities) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to join a project proposal as a partner, I would like to coordinate a project proposal and am looking for partners, I would like to promote my expertise to find collaborators, I am curious about relevant EU funding opportunities

Statement of interest

With nearly 20 years of experience in Defence innovation, CITEVE develops advanced smart textile and e-textile solutions that integrate cutting-edge materials, including graphene and 2D materials to enhance protection, sensing, communication, and energy functionalities. Through close collaboration with the Portuguese Ministry of Defence, the European Defence Agency (EDA), the European Defence Fund (EDF), and NATO, CITEVE contributes to the development of next-generation textile-based technologies that strengthen operational capabilities, improve soldier performance, and support the digital transformation of Defence systems.

35. Roshen Mathura, GraphenePioneer BV

Country of residence	**Netherlands**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Built environment and constructions (Cluser 6, New European Bauhaus) • Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to join a project proposal as a partner • I am curious about relevant EU funding opportunities

Statement of interest

The usage of Graphene materials in the building and construction sector. Looking for partners willing to collaborate in EU and SADC region.
Company: GraphenePioneer BV
CEO: Roshen Mathura
Email: roshen.mathura@graphenepioneer.com

36. Hudson Miranda, FabNS

Country of residence	**Brazil**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Digital, AI and emerging technology (Cluster 4, Horizontal Activities) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I am curious about relevant EU funding opportunities

Statement of interest

FabNS is a UFMG spin-off from Belo Horizonte, Brazil, developing instrumentation for nanoscale characterization of graphene and 2D materials. Our Porto nanoscope integrates tip-enhanced Raman spectroscopy (TERS) and scattering-type near-field optical microscopy (s-SNOM) at nanometric resolution, together with batch-fabricated PTTP near-field probes and PortoFlow hyperspectral analysis software. We offer expertise in correlative nano-Raman/SNOM metrology supporting quality control for scalable 2D-material production. We are seeking European partners in materials characterization, graphene manufacturing, and digital/AI-driven data analysis for spectroscopy, and welcome joint EU projects connecting Brazilian and European nanotechnology.

37. Artur Moreira Pinto, LEPABE/FEUP - University of Porto

Country of residence	**Portugal**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6) • ERC Synergy Grants
Participation interest	• I would like to join a project proposal as a partner • I would like to coordinate a project proposal and am looking for partners • I would like to promote my expertise and find collaborators • I am curious about relevant EU funding opportunities

Statement of interest

I am looking for partners to develop collaborative projects involving graphene and other two-dimensional (2D) nanomaterials for biomedical and healthcare applications, including drug delivery, photothermal therapy, tissue engineering, and biosensing. Our group has extensive expertise in the synthesis, functionalization, and biological evaluation of 2D nanomaterials and can produce large batches of graphene and related materials with controlled thickness (few-layer to monolayer) and tunable later

38. Mina Namvari, Sabanci University SUNUM

Country of residence	Türkiye
Topics / calls of interest	• Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6) • ERC Synergy Grants
Participation interest	• I would like to join a project proposal as a partner, I would like to promote my expertise to find collaborators

Statement of interest

My name is Mina Namvari and I am a principal investigator at Sabanci University SUNUM. My group focuses on developing multifunctional 2D materials-based composites for biomedical & energy applucations. As a material scientist, I can contribute in material design and synthesis for the target application that can vary from energy storage to biomedical applications. I am looking for partners with complementary experties who can use these materials in applied fields like batteries (electrode materails), catalysts, sensors, tissue engineering, etc. Partners who specialize in the application of ML in material development and properties prediction as well as LCA are very much sought for. I am looking for contributing as a partner in ERC Synegy, EU4Health, COST Actions, etc.

39. Sofia Öiseth, Chalmers Industriteknik

Country of residence	Sweden
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to join a project proposal as a partner • I would like to promote my expertise and find collaborators • I am curious about relevant EU funding opportunities

Statement of interest

Chalmers Industriteknik, Sweden - We are a research and development organization with a focus on innovation for a sustainable society. In close collaboration with researchers, academia, and industry, we develop new technical solutions, environmentally friendly materials, and circular business models that provide real benefits to our society. Our mission includes stimulating, participating and driving innovation and development efforts, communicating and disseminating knowledge and results.

40. Radmila Panajotovic, Institute of physics Belgrade

Country of residence	Serbia
Topics / calls of interest	• Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to join a project proposal as a partner, I would like to promote my expertise to find collaborators

Statement of interest

I am interested in projects involving combination of biomolecules with 2D materials, for sensor design or the development of new biocompatible materials.

41. Marco Pelin, University of Trieste

Country of residence	**Italy**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to promote my expertise and find collaborators • I am curious about relevant EU funding opportunities

Statement of interest

The research group of Prof. Marco Pelin (University of Trieste) has a long-lasting expertise in nanotoxicology with a strong focus on the bio-interaction between 2D nanomaterials and biological systems, in particular at the skin and pulmonary levels. To this aim, our work investigates molecular, cellular and tissue responses to nanomaterials exposure, with particular attention to oxidative stress, inflammation, and barrier integrity in advanced in vitro models, including 3D human-relevant systems. Safety assessment is completed by the adoption of selected test guidelines given by standardization agencies (i.e. OECD), to collect robust and reliable toxicological data about the most feasible adverse outcomes (i.e. irritation or sensitization), also suitable for regulatory purposes.

42. Rui Pereira, HyCarb

Country of residence	**Portugal**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to join a project proposal as a partner • I am curious about relevant EU funding opportunities

Statement of interest

I am a Product and Materials Engineer at HyCarb, a deep-tech startup based in Porto developing a patented catalytic methane splitting technology. Our process generates sustainable, high-quality graphitic carbon as a co-product, with potential to replace conventional graphite and graphite-derived materials in a range of applications. I am looking for collaboration opportunities to develop new graphene-based products and applications where our carbon could serve as an attractive feedstock, leveraging its properties, sustainability, and potential for tailored material development.

43. Dmitry Polyushkin, TU Wien

Country of residence	**Austria**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Digital, AI and emerging technology (Cluster 4, Horizontal Activities) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to promote my expertise to find collaborators, I am curious about relevant EU funding opportunities

Statement of interest

We are working on advanced electronic devices based on two-dimensional materials, with a focus on nanoscale and scalable electronic components. Our expertise includes fabrication, processing, and electrical characterisation of 2D material-based devices. We are particularly interested in EU-funded collaborative projects on scalable 2D electronics, neuromorphic and low-power computing devices, and industrially relevant manufacturing approaches. We are looking to connect with academic and industrial partners interested in electronics-driven applications and Horizon Europe funding opportunities.

44. Pablo Pou Álvarez, Universidade de Vigo

Country of residence	**Spain**
Topics / calls of interest	• Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6) • ERC Synergy Grants
Participation interest	• I would like to promote my expertise and find collaborators • I am curious about relevant EU funding opportunities

Statement of interest

Graphene-based devices for energy harvesting.
Photocatalysis applications: Hydrogen generation from watter splitting and water decontamination.

45. Apurba Ray, Institute for Frontier Materials on Earth and in Space (FM), German Aerospace Center (DLR e.V.), 51147 Cologne

Country of residence	**Germany**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership) • Digital, AI and emerging technology (Cluster 4, Horizontal Activities) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6) • ERC Synergy Grants
Participation interest	• I would like to join a project proposal as a partner • I would like to promote my expertise and find collaborators • I am curious about relevant EU funding opportunities

Statement of interest

Hello everyone!
Our research team is currently focusing on electrochemical energy storage (mainly supercapacitors and batteries) and gas sensors. I am highly interested in meeting new researchers, exchanging novel ideas, and exploring opportunities for future collaborations and joint project applications. If you are working in these fields or have ideas to share, please feel free to reach out. Let’s connect and see you at the conference!
Best regards,
Apurba Ray

46. Sarah Riazimehr, Oxford Instruments Plasma Technology

Country of residence	**Germany**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Digital, AI and emerging technology (Cluster 4, Horizontal Activities)
Participation interest	• I would like to join a project proposal as a partner, I would like to promote my expertise to find collaborators, I am curious about relevant EU funding opportunities

Statement of interest

I would like to participate in the matchmaking sessions to connect with potential project partners, expand my network, and explore opportunities for collaboration on EU-funded projects. I hope to identify complementary expertise, discuss innovative ideas, and establish partnerships where our tooling solutions can contribute to bringing 2D technologies into industrial applications.

47. Irek Roslon, SoundCell

Country of residence	**Netherlands**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Digital, AI and emerging technology (Cluster 4, Horizontal Activities)
Participation interest	• I would like to join a project proposal as a partner • I would like to promote my expertise and find collaborators • I am curious about relevant EU funding opportunities

Statement of interest

SoundCell is developing the MelodyOne, a rapid phenotypic antimicrobial susceptibility testing platform that uses graphene nanomotion sensors to measure bug response to antibiotics within one hour. We seek partners for wafer-scale graphene chip processing, cartridge manufacturing, automated assembly, quality control, optical readout, data analysis and clinical validation. We bring expertise in graphene sensor design, microbiology, nanomotion measurement, diagnostic software, hospital pilots and IVDR-oriented product development. Our goal is to build a scalable European platform for next-generation rapid diagnostics.

48. Noelia Rubio Carrero, University of Alcalá (Madrid)

Country of residence	**Spain**
Topics / calls of interest	• ERC Synergy Grants
Participation interest	• I would like to join a project proposal as a partner, I would like to promote my expertise to find collaborators, I am curious about relevant EU funding opportunities

Statement of interest

My name is Dr Noelia Rubio Carrero, I am a materials chemist and lecturer at the department of Organic Chemistry at the Faculty of Pharmacy (University of Alcalá, Madrid).
My research is focused on the fabrication of a Brain-on-chip microfluidic platform with (bio)sensors based on graphene integrated within this platform. This device is focused on the preclinical screening of therapeutic new drugs for the treatment of Central nervous system diseases like Parkinson´s or Alzheimer´s.
I am looking for partners working on the Heath field that are creating relevant new alternative methodologies to minimise the use of animal experiments and recreate microphysiological systems using alternative in vitro methods.

49. Sascha Sadewasser, INL - International Iberian Nanotechnology Laboratory

Country of residence	**Portugal**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership) • ERC Synergy Grants
Participation interest	• I would like to join a project proposal as a partner, I would like to promote my expertise to find collaborators

Statement of interest

We can grow wafer scale (2 inch) 2D materials for optoelectronic applications, such as GaSe, InSe, In2Se3 and the 2D topological insulator Bi2Se3. The materials can be processed in cleanroom environment to device structures.

50. Andreas Sandin, Silex Microsystems

Country of residence	**Sweden**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Digital, AI and emerging technology (Cluster 4, Horizontal Activities)
Participation interest	• I would like to promote my expertise and find collaborators

Statement of interest

Silex is the worlds largest MEMS foundry. Being a member of Next2Digits EU-project, our goal is to establish graphene in MEMS products. Open to find partners in this field and to discuss project ideas.

51. Burcu Saner Okan, Euronova/Sabanci University

Country of residence	**Türkiye**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6) • ERC Synergy Grants
Participation interest	• I would like to join a project proposal as a partner • I would like to coordinate a project proposal and am looking for partners • I would like to promote my expertise and find collaborators • I am curious about relevant EU funding opportunities

Statement of interest

Euronova is looking for OEMs, Tier suppliers, research institutes, and industrial partners interested in joint product development using graphene and 2D material-enabled sustainable composites, lightweight structures, additive manufacturing, and circular material solutions. We aim to co-develop, validate, and scale multifunctional materials for aerospace, automotive, energy, and sustainable aviation applications. Our expertise includes sustainable graphene integration into polymer composites, recycled and bio-based material systems, functional additives, compound development, and pilot-scale material production. We are particularly interested in industry-driven collaborations leading to product validation, demonstration, and commercialization.

Prof. Burcu Saner Okan and her team at Sabancı University develop sustainable graphene and 2D material-enabled polymer composites from waste-derived carbon resources, including end-of-life tires, plastics and biomass. Our expertise spans scalable graphene production, thermoplastic compounding, multifunctional lightweight composites, process–structure–property optimization, recycling/upcycling, and pilot-scale validation. We are seeking academic and industrial partners, especially OEMs and technology providers, for joint Horizon Europe proposals, co-development, scale-up and validation of circular advanced materials for mobility, aerospace, energy and industrial applications.

52. Gilda Santos, CITEVE - Technological Centre for the Textile and Clothing Industries of Portugal

Country of residence	Portugal
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership) • Digital, AI and emerging technology (Cluster 4, Horizontal Activities) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to join a project proposal as a partner • I would like to coordinate a project proposal and am looking for partners • I would like to promote my expertise and find collaborators • I am curious about relevant EU funding opportunities

Statement of interest

With nearly 20 years of experience in Defence innovation, CITEVE develops advanced smart textile and e-textile solutions that integrate cutting-edge materials, including graphene and 2D materials to enhance protection, sensing, communication, and energy functionalities. Through close collaboration with the Portuguese Ministry of Defence, the European Defence Agency (EDA), the European Defence Fund (EDF), and NATO, CITEVE contributes to the development of next-generation textile-based technologies that strengthen operational capabilities, improve soldier performance, and support the digital transformation of Defence systems.

53. Alex Savtchenko, University of California Irvine / Nanotools

Country of residence	US
Topics / calls of interest	N/A
Participation interest	• I would like to coordinate a project proposal and am looking for partners • I would like to promote my expertise and find collaborators

Statement of interest

I am seeking partners to advance a graphene-mediated optical cell-stimulation platform for non-genetic, light-controlled activation of excitable cells - neurons and cardiomyocytes. I am interested in collaborations focused on scalable graphene-interface fabrication, optical/electronic device engineering, MEA and electrophysiology integration, and disease-relevant heart and brain models. Together, these partnerships can help enable next-generation tools for studying neural and cardiac functions.

54. Abhay Shivayogimath, 2D ApS

Country of residence	Denmark
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership) • Digital, AI and emerging technology (Cluster 4, Horizontal Activities) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to join a project proposal as a partner • I would like to promote my expertise and find collaborators • I am curious about relevant EU funding opportunities

Statement of interest

2D is commercializing roll-to-roll and large-area production and integration of CVD graphene. Our process enables sustainable, CRM-free, scalable integration of graphene across electronics, biosensing, membranes, next-gen PV, and composites. We are interested in joining consortia where we provide expertise in CVD graphene and/or integration/development of end-applications. Examples: lower-LCA alternatives to conductive, passivating and barrier materials (PV, SSbD packaging); transparent/ultrathin electrodes and barrier coatings; and novel composites for thermal management/EMI shielding. Our films also suit large-area photonic-chip and MEMS applications. We're open to discussing collaborative proposals, joining proposals as a partner, and have some project ideas looking for partners.

2D is a spin-out of the EU Graphene Flagship and the Technical University of Denmark, commercializing roll-to-roll transfer and applications of CVD graphene films. Our technology and processes enable sustainable, low-cost, and scalable integration of graphene across a range of applications, including electronics, biosensing, membranes, renewable energy, and composites. We are interested in joining consortia where we can provide expertise in CVD graphene: novel composites (EMI shielding, thermal management, mechanical enhancement), membranes (filtration, CO2 separation, electrolysis/fuel cells), transparent/ultrathin electrodes, or ultrathin barrier coatings. We are also open to playing the role of an EU-based commercial partner for CVD graphene in large-area applications. Examples: lower-LCA alternatives to conductive, passivating and barrier materials (PV, SSbD packaging); transparent/ultrathin electrodes and barrier coatings; and novel composites for thermal management/EMI shielding. Our films also suit large-area photonic-chip and MEMS applications. We're open to discussing collaborative proposals, joining proposals as a partner, and have some project ideas looking for partners.

55. Bernardo Soares, FEUP

Country of residence	Portugal
Topics / calls of interest	• Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I am curious about relevant EU funding opportunities

Statement of interest

As a member of a research group (LEPABE) engaged in European Projects (firstly 112CO2, concluded and currently ZeroCarb, ongoing), focused on researching the fundamentals and scaling-up the catalytic methane splitting technology (CMS) I believe it would be interesting to attend this session.

56. Jinhua Sun, Chalmers University of Technology

Country of residence	Sweden
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to join a project proposal as a partner

Statement of interest

Graphene, MXene
Surface functionalization
self-assembling strucutre
battery
structural supercapacitor
battery manfuacturing
conductive additives

57. Joana S. Teixeira, REQUIMTE/LAQV - Department of Chemistry and Biochemistry, Faculty of Sciences - University of Porto

Country of residence	Portugal
Topics / calls of interest	• Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to join a project proposal as a partner • I am curious about relevant EU funding opportunities

Statement of interest

Early-stage researcher developing carbon quantum dots for solar light harvesting in flexible supercapacitors. Strong expertise in carbon-based and semi-conductive quantum dots, graphene, CNTs, and their functionalization and hybridization, as well as sustainable synthesis of transition metal oxides, sulfides, and LDHs. Additional background in photo- and thermochromic materials, smart textiles, polymer electrolytes, and thermoionic measurements.

58. Andrey Turchanin, University Jena

Country of residence	DE
Topics / calls of interest	• ERC Synergy Grants
Participation interest	• I would like to join a project proposal as a partner • I am curious about relevant EU funding opportunities

Statement of interest

2D TMDs, graphene FETs, biosensors, biointerfaces, photonics, electronics

59. Harriet van der Vliet, Oxford Instruments Plasma Technology

Country of residence	**United Kingdom**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Digital, AI and emerging technology (Cluster 4, Horizontal Activities) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to join a project proposal as a partner, I would like to promote my expertise to find collaborators, I am curious about relevant EU funding opportunities

Statement of interest

It would be great to connect with potential project partners to understand a little more about future project calls including 2D materials where plasma enhanced deposition and etch are required and our expertise could add value to a consortium or collaboration.

60. Ivan Jesus Vera Marun, The University of Manchester

Country of residence	**United Kingdom**
Topics / calls of interest	• Digital, AI and emerging technology (Cluster 4, Horizontal Activities)
Participation interest	• I would like to join a project proposal as a partner • I would like to promote my expertise and find collaborators • I am curious about relevant EU funding opportunities

Statement of interest

Dr Ivan J. Vera-Marun (University of Manchester, UK National Graphene Institute) is seeking partners for future Horizon Europe initiatives exploiting graphene and 2D-material heterostructures for spintronic, quantum and energy-efficient technologies. His group specialises in spin transport and spin dynamics, graphene/TMD heterostructures, 2D magnets, spin-charge interconversion, and advanced nanoelectronic device fabrication and characterisation. Interested in building consortia spanning materials development, modelling, scalable manufacturing, sensing and emerging computing concepts, with the goal of translating fundamental discoveries in 2D materials into impactful technologies.

61. Gerard VERBIEST, TU Delft

Country of residence	**Netherlands**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Digital, AI and emerging technology (Cluster 4, Horizontal Activities) • ERC Synergy Grants
Participation interest	• I would like to join a project proposal as a partner • I would like to promote my expertise and find collaborators • I am curious about relevant EU funding opportunities

Statement of interest

I lead a research group at Delft University of Technology developing ultrasound, nanomechanical, and integrated photonic sensing technologies for applications ranging from sustainable agriculture to next-generation microscopy. Our research combines acoustics, nanotechnology, photonics, and precision engineering to enable non-invasive measurements at unprecedented spatial and temporal resolution. Our goal is to translate fundamental discoveries into technologies that advance agriculture, healthcare, and the next generation of electronic and photonic systems.

62. Elvira Villaro, Avanzare Innovación Tecnologica

Country of residence	España
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Built environment and constructions (Cluser 6, New European Bauhaus) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to join a project proposal as a partner • I would like to promote my expertise and find collaborators

Statement of interest

AVANZARE is a company devoted to preparation and industrial commercialization of 2D materials as graphene. We are looking for opportunities to collaborate in proposals to develop and upscale new disruptive materials for industries as mobility, energy, building or packaging. Mainly intrested on CL4, CL5 topics.

63. Ioana Carmen Vladu, RHP-Technology GmbH

Country of residence	Austria
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership) • Digital, AI and emerging technology (Cluster 4, Horizontal Activities) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to join a project proposal as a partner • I would like to promote my expertise and find collaborators • I am curious about relevant EU funding opportunities

Statement of interest

RHP is actively engaged in a range of projects focused on the development and upscaling of advanced graphene- and MXene-based composite materials for metallic and polymeric matrices, using powder metallurgy and plasma powder deposition technologies. We are keen to contribute as an active partner in EU-funded collaborative projects.

64. NianJheng WU, AIXTRON SE

Country of residence	Germany
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4)
Participation interest	• I would like to promote my expertise and find collaborators • I am curious about relevant EU funding opportunities

Statement of interest

We are looking to connect with partners interested in wafer-scale deposition and CMOS integration of 2D materials. AIXTRON offers a Close Coupled Showerhead (CCS) MOCVD platform for the growth of transition metal dichalcogenides, such as MoS2 and WSe2, as well as insulating 2D materials like hBN, on substrates up to 300 mm. The platform supports FEOL and BEOL process development and scale-up, with in situ monitoring capabilities including pyrometry, reflectometry, wafer bow monitoring, and source gas concentration control, enabling reproducible growth, uniformity assessment, and statistical process control. We are very open and pleased to discuss various possibilities for collaboration.

65. Junhua Xu, Geological Survey of Finland

Country of residence	**Finland**
Topics / calls of interest	• Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	• I would like to join a project proposal as a partner, I would like to promote my expertise to find collaborators, I am curious about relevant EU funding opportunities

Statement of interest

I am seeking collaborators for Horizon Europe projects on graphene and advanced carbon materials for sustainable energy, environmental, and nuclear applications. My expertise includes recovery and valorization of spent graphite from end-of-life lithium-ion batteries, selective adsorption and separation of critical and radioactive metal ions, and advanced functional materials. I am looking for partners to develop competitive, interdisciplinary Europe projects.

66. Wenqian Yao, University of Manchester

Country of residence	**United Kingdom**
Topics / calls of interest	N/A
Participation interest	• I would like to coordinate a project proposal and am looking for partners

Statement of interest

At the University of Manchester, we are developing high-quality transfer processes for two-dimensional (2D) materials and investigating their integration into next-generation ultraviolet (UV) photodetectors and singlephoton sensing technologies. Our interests include the fabrication of low-noise photon detection devices, the integration of graphene and other 2D materials with silicon photomultipliers (SiPMs), and the exploration of photosensitivity enhancement through tailored 2D material interfaces. In addition, we are developing vertical heterojunction devices based on selenium (Se) layers combined with 2D materials to investigate novel optoelectronic and photodetection mechanisms. We welcome collaborations on 2D material growth, transfer and integration, heterostructure engineering

67. Ahmed Elmarakbi, Northumbria University

Country of residence	**United Kingdom**
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Energy systems and climate transition technologies (Cluster 5, Clean Energy Transition Partnership) • Digital, AI and emerging technology (Cluster 4, Horizontal Activities) • Materials for sustainable industry and circular economy (Cluster 4, Cluster 6)
Participation interest	I would like to coordinate a project proposal and am looking for partners

Statement of interest

Consortia are currently being formed for the following calls. Reach out to ahmed.elmarakbi@outlook.com if your expertise is in-line with the objectives of the calls listed.

1. HORIZON-CL5-2027-02-D2-05: Improvement of Adaptability, Flexibility and Efficiency of Existing Recycling Processes (BATT4EU Partnership)

2. HORIZON-CL5-2027-02-D2-06: Sustainable and Competitive Cell Production Techniques for Lithium-ion And Sodium-ion Batteries (BATT4EU Partnership)
3. HORIZON-CL5-2027-04-Two-Stage-D2-07: Novel approaches towards next-generation battery concepts, leveraging the enabling role of innovative advanced materials (BATT4EU and IAM4EU Partnerships)
4. HORIZON-CL4-2027-01-MAT-PROD-02: Advanced manufacturing for key products (IA) (Made in Europe partnership)
5. HORIZON-CL4-2027-01-MAT-PROD-22: Innovative advanced materials and new production processes – reducing dependencies on Critical and Strategic Raw Materials (IA) Innovative Advanced Materials for the EU and Processes4Planet partnerships)
6. HORIZON-CL4-2027-01-MAT-PROD-06: Circular innovative advanced materials: facilitating the transition from design to markets (RIA) (Innovative Advanced Materials for the EU and Made in Europe partnerships)
7. HORIZON-CL4-2027-02-MAT-PROD-32 two-stage: RIA Efficient energy input from renewable sources and energy management in the process industries (IA) (Processes4Planet and Innovative Advanced Materials for the EU partnerships)
8. HORIZON-CL4-2027-05-DIGITAL-EMERGING-03- Advanced integrated photonic devices for extended features and ultra-low power consumption (RIA) (Photonics Partnership)
9. HORIZON-RAISE-2027-01-01: Automated Scientific Discovery (RAISE pilot) (RIA)