



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.

If you've not yet submitted your statement, update your Graphene Week registration, or email us at csa@graphene-flagship.eu.

Want to join us?

Join the Graphene and 2DM European Funding Matchmaking event in Porto, Portugal on **23 September**. This event is created to be a dedicated networking arena within [Graphene Week 2026](#), where academia and industry come together to spark new collaborations, exchange ideas and shape the next generation of graphene and 2D materials innovation.

The matchmaking event is open to all and welcomes those interested in strengthening connections between science, technology and industry. Let's build the next wave of graphene and 2D materials innovation, together in Porto!

How does it work?

This quick-fire networking session is organised into 6 topics (see below, "EU Funding Opportunities"). During the event, attendees are invited to connect with relevant stakeholders and explore the different calls and topics available. Attendees are encouraged to send in short "pitches" ahead of time to promote specific calls, projects or expertise.

How to register

Attendees to the Graphene Week 2026 conference register for this matchmaking event while [registering for the conference](#).

External attendees (i.e., those not attending the conference) [must register here](#). External attendees to the matchmaking session receive a special Matchmaking pass which affords entry to the session and the Graphene Week exhibition only. Lunch is provided and registration is free. External attendees' Matchmaking passes do not allow access to the scientific programme.

1. Beatriz Alonso Rodríguez, Graphenea

Country of residence	Spain
Topics / calls of interest	• Built environment and constructions (Cluster 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.

2. 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.

3. Ana Luiza C. Pereira, State University of Campinas

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.

4. Maria Camarena, TU Delft

Country of residence	Spain
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.

5. Alexandre Carvalho, Universidade de 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.

6. Pedro Costa, INL - International Iberian Nanotechnology Laboratory

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.

7. 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.

8. 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

9. Francisco José Galindo-Rosales, 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.

10. Amir Ghiami, Oxford Instruments

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.

11. Glaura Goulart Silva, Federal University of Minas Gerais

Country of residence	Brasil
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.

12. Joana Guerreiro, IPLEXMED, Lda

Country of residence	Portugal
Topics / calls of interest	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

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.

13. 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.

14. Daniil Karnaushenko, TU Chemnitz

Country of residence	Germany
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Built environment and constructions (Cluster 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.

15. Adam Kelly, CENIMAT (Materials Research Center, NOVA University of Lisbon)

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.

16. Ronald Klomp, NLR Aerospace Research Centre

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.

17. 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 separators. As a next step I would like collaborate with partners with similar mind to explore these ideas into solid state lithium metal batteries.

18. Eva Kovacevic, University of Orléans

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 consuming processes, as gas conversion towards CRMs.

We offer to partners transportable material and process diagnostics, our know how in mesoporous and vertical structures, 2D/3D stacked architectures, MoS₂, Graphene, polymers, their functionalization and doping, functionalized surfaces with switchable wettability. We worked on supercapacitors, biosensors, CO₂, CH₄ conversion towards materials, C₂H₂ conversion and 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

19. Simone Leva, Kerakoll

Country of residence	Italy
Topics / calls of interest	- Built environment and constructions (Cluster 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.

20. Diana Marcano, Łukasiewicz Poznań Institute of Technology

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.

21. Mateusz Marczewski, Łukasiewicz 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.

22. Roshen Mathura, GraphenePioneer BV

Country of residence	Netherlands
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Built environment and constructions (Cluster 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

23. Artur Moreira Pinto, 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

24. Mina Namvari, Sabancı University

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 and energy applications.

As a material scientist, I can contribute in material design and synthesis for target applications that can vary from energy storage to biomedical applications. I am looking for partners with complementary expertise who can use these materials in applied fields like batteries (electrode materials), 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 to contribute as a partner in ERC Synergy, EU4Health, COST Actions, etc.

25. 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 .

26. 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.

27. 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.

28. Apurba Ray, German Aerospace Center

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

29. Maite Riano Junquera Riaño Junquera, CSIC

Country of residence	Spain
Topics / calls of interest	Manufacturing and industrial innovation (Cluster 4), Built environment and constructions (Cluster 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 to find collaborators

Statement of interest

Una huerta de graphene

30. 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.

31. 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.

32. 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.

33. Andreas Sandin, Silex

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 world's largest MEMS foundry. Being a member of Next2Digits EU-project, our goal is to establish graphene in MEMS products. Open to finding partners in this field and to discuss project ideas.

34. Burcu Saner Okan, Euronova Next Generation Sustainable Plastic Materials

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)
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

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.

35. Burcu Saner Okan, Sabancı University

Country of residence	Türkiye
Topics / calls of interest	• 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

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.

36. Alex Savtchenko, University of California, Irvine

Country of residence	USA
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.

37. 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 structure

battery

structural supercapacitor

battery manufacturing

conductive additives

38. Joana S. Teixeira, 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.

39. Andrey Turchanin, Friedrich-Schiller University of Jena

Country of residence	Germany
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

40. 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.

41. Ivan Jesus Vera Marun, 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.

42. Elvira Villaro, AVANZARE

Country of residence	España
Topics / calls of interest	• Manufacturing and industrial innovation (Cluster 4) • Built environment and constructions (Cluster 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 interested in CL4, CL5 topics.

43. NianJheng WU, AIXTRON

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.

44. 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.

45. 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.