



EXE-MAGAZINE #2

**OUR VISION IS TO GAIN YOUR
TRUST AND PROVIDE YOU WITH
SUSTAINABLE SOLUTIONS**

DISCOVER MORE

Behind the Scenes

Our Impact

Design & Digital Highlights

Insights from the Experts

WE ARE

A GROUP OF EXPERTS

IN ENGINEERING

& BUSINESS

DEVELOPMENT



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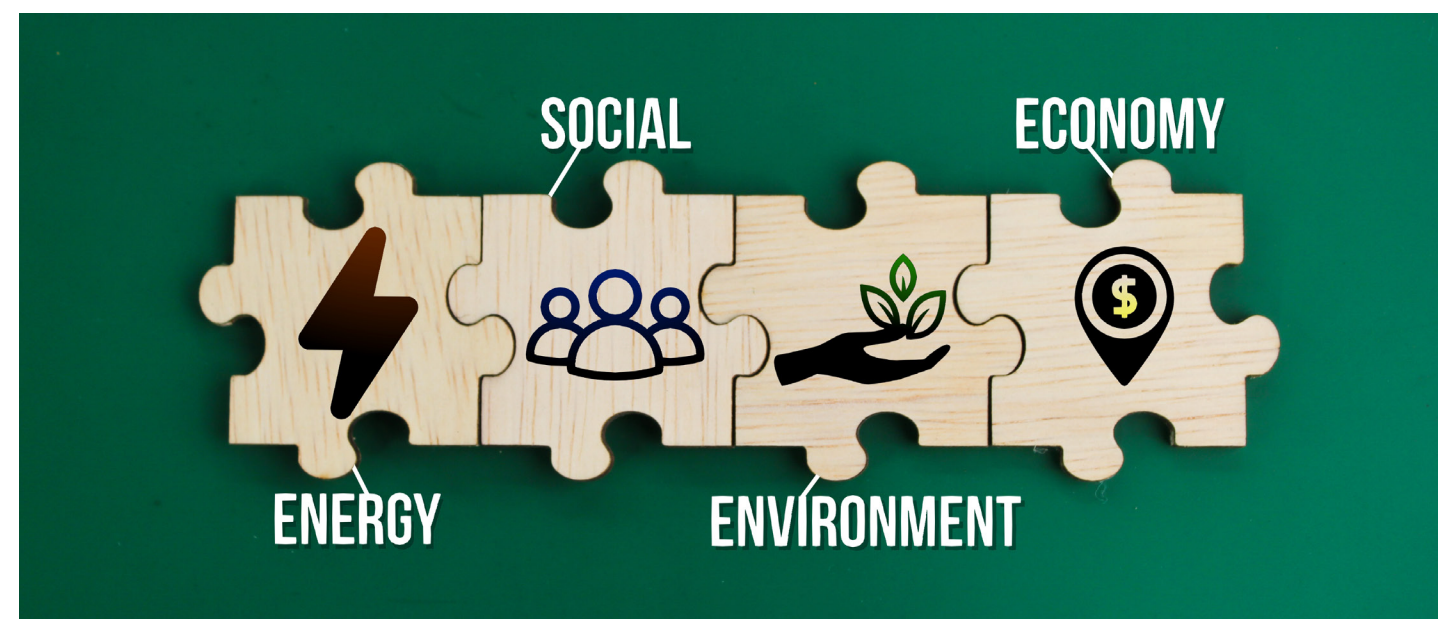


This year has been a period of remarkable growth and transformation for **EXELISIS**. Our team has expanded with new talent and expertise, enriching our capacity to deliver cutting-edge consulting services across research, innovation, and sustainability. From strengthening our presence in **EU-funded projects** to developing creative communication strategies and business opportunities, EXELISIS continues to evolve as a trusted partner for innovation-driven collaborations.

Our engagement with partners across Europe has grown embracing new challenges in areas such as sustainable materials, clean energy, and environmental biotechnology. Behind every milestone stands a passionate, multidisciplinary team of researchers, project managers, designers, and communication experts, working together with a shared vision, to turn ideas into meaningful impact.



SUSTAINABLE SOLUTIONS SHAPING THE PRODUCTS & SERVICES OF TOMORROW



At EXELISIS, we help businesses move confidently towards sustainability by supporting them in aligning their products, processes, and practices with regional directives, the latest EU-level regulations, and emerging ESG requirements. Whether you are developing a new product, redesigning a process, or simply want to understand how your current operations perform, and whether there is real potential for improvement, we provide targeted analyses that give you the full picture.

Our services in Life Cycle Assessment (LCA) and Life Cycle Costing (LCC) support you in making key decisions, comparing alternatives, and selecting the most efficient and sustainable solutions for your business, since each study is tailored to your specific sector, data, and goals.

At EXELISIS, we work with advanced LCA/LCC software and up-to-date databases, always following ISO 14040 & 14044 standards. For every case, we select the most suitable methodology to deliver results that are reliable, transparent, and ready to be used in internal planning, investor communication, compliance reporting, sustainability strategy development, EU-mandated



disclosures, DPP filling, or ESG reporting. We understand that sustainability today goes beyond the environmental footprint alone, and we support you in capturing the wider picture where relevant, including social aspects within the scope of LCA and practical ESG-related indicators that link directly to supply chains, resource use, environmental impact, and cost performance. Our team has extensive experience across multiple sectors, including the food industry, pharmaceuticals, chemicals, packaging, agri-food, and more. With a strong background in scientific publications, as well as hands-on collaboration with industry, we combine technical expertise with a practical mindset and business sense that helps you turn insights into real improvements.

Whether you want to understand your environmental footprint, identify true hotspots, explore ESG-relevant findings within your product system, or verify where cost and sustainability gains can be achieved, we are here to support you with clear, validated, and actionable results.

PATENT MAPPING TOWARDS COMMERCIALISATION

It takes more than a brilliant idea to commercialise disruptive technologies. Strategic commercialisation opportunities, competitive positioning, and a thorough understanding of Intellectual Property (IP) environment are all necessary.

What We Offer

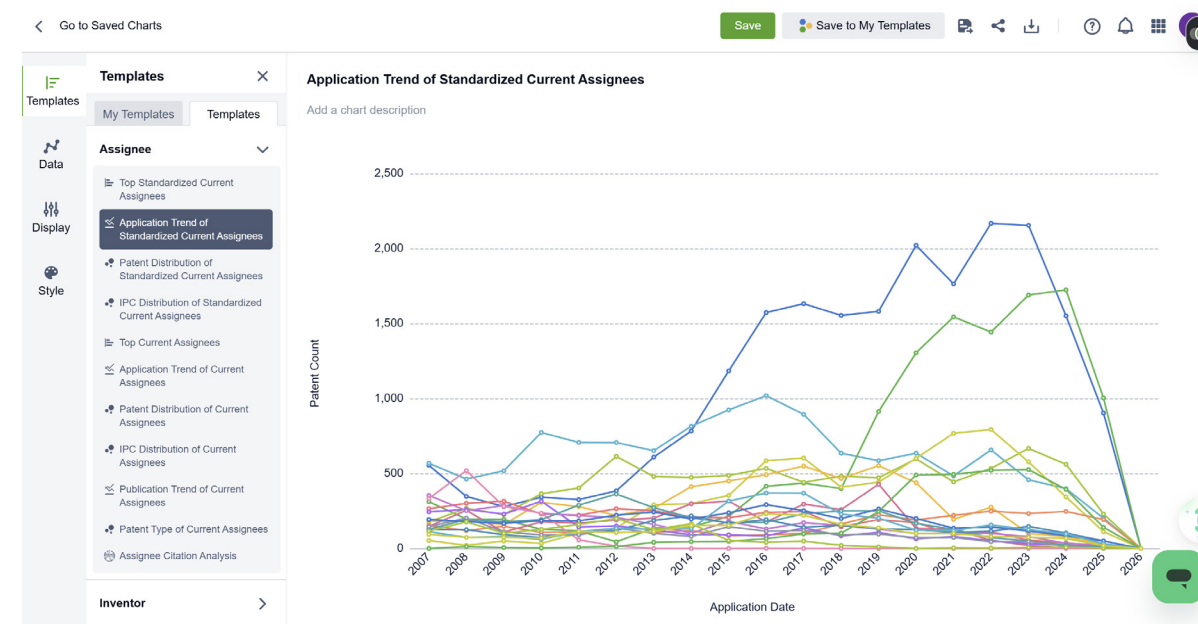
Patent mapping is an essential tool in this process: analysing a large number of patents can reveal the commercial potential of a technological innovation, identify possible synergies as well as competitors and highlight important trends and opportunities. It can also assist in shaping successful product development pathways. **EXELISIS** may assist

Figure 2. Overall system boundary of straws from gate to grave.

Basic data	Base	1	2	3	4	5	6	7	8
Description	Plastic straw	Paper straw	Biopolymer straw	Biopolymer straw	Wheat straw	Metallic straw	Glass straw	Silicone straw	Bamboo straw
Picture									
Material	PP	Paper	PLA (from corn starch)	PLA (from fruit waste)	Wheat	SS304	Borosilicate Glass	Silicone	Bamboo
Dimensions LxW (mm)	210x 0.5x 5	210 x 0.6	210 x 0.6	210 x 0.6	200 x 0.4	200 x 0.6	220 x 0.9	200 x 0.9	200x 0.12
Weight (g/pc)	0.5	2.5	0.9	0.9	0.7	11.0	23.0	12.0	9.0
(PU) No. of pieces per year	50	50	50	50	50	1	2	1	5
Origin	Italy	Germany	Belgium	Italy	China	Greece	Germany	China	China
End-of-life (EoL)	Landfill	Incineration	Recycle	Compost	Compost	No	Incineration	Recycle	Compost
Packaging	Type	Plastic film	Paper film	Paper film	Paper film	Cardboard box	Textile bag	Textile bag	Cardboard box
Material	LDPE	Paper	Paper	Paper	Paper	Cotton	Cotton	Cotton	Paper
Weight (g/pc)	0.1	0.12	0.12	0.12	40	11	11	11	35
Straws per package	1	1	1	1	100	2	4	5	4
Other packaged items	No	No	No	No	No	Break	Break	Break	No
Material 1						Wool, 5 g	Nylon, 0.3 g	Wool, 5 g	
Material 2						Nylon, 0.3 g	Nylon, 0.3 g	Nylon, 0.3 g	
Straws in packaging						6	4	5	
Use Phase	Single	Single	Single	Single	Single	Reusable	Reusable	Reusable	Reusable
Purpose	1	1	1	1	1	50	50	50	50
Additional need	No	No	No	No	No	Washing	Washing	Washing	Washing

Raw material manufacturing → Transportation → Straw extrusion/packaging → Use phase → Washing & Reuse → National waste treatment scheme

a company or organisation in gaining a solid understanding of how their innovation fits into the competitive landscape and how they may be positioned for commercial success by combining patent analysis with market insights.



EXELISIS' approach to patent mapping includes:

- **Technology landscape analysis:** By mapping significant trends in patenting activity relevant to each IP, any new technologies and market changes that could affect the IP's potential are highlighted.
- **Competitor and IP positioning:** By examining the patent portfolios of competitors, opportunities for cooperation or licensing, possible infringement risks, and strategic advantages for differentiation are identified.
- **Commercialisation roadmap:** Patent insights are combined with company goals to provide practical commercialisation strategies, such as collaborations.
- **Regulatory and market insights:** The patent mapping also analyses market need to make sure that the IP strategy is in line with present and future market expectations.
- **AI patent search and analytics:** AI search capabilities go beyond conventional keyword searches, enhancing the completeness and accuracy of the technology landscapes, novelty assessments, competitive analyses, and accelerating commercial decision making.

DECISION SUPPORT TOOL

Custom Decision Support Tools Service

EXELISIS supports industrial partners in making confident, data-driven decisions about their production processes. Through the development of customised Decision Support Tools (DST), we provide tailored simulation and optimisation solutions that help our clients digitally test, optimise and evaluate their process configurations, improve performance, and plan investments with reduced uncertainty.



We have simplified our DST development approach to ensure fast and effective results. First, we get in contact with our clients to fully understand their challenges, operational context, and strategic objectives. We next develop customised digital models to simulate and optimise their processes, considering all technical, economic, safety, and sustainability parameters and objectives. Finally, we deliver a user-friendly DST platform that supports daily operations and/or

long-term planning. The result is a practical tool that enable industrial users to explore scenarios, test new technologies, optimise existing lines, and enhance decision-making across the entire production chain.

The FreeMe Project Success Story

A DST has been developed for the purposes of the EU-funded **FreeMe** research project, which supports the next-generation Plating on Plastics industry. Our team built a comprehensive DST that supports plating shops, in evaluating and redesigning their lines following SSbD principles, while integrating innovative, safer, and sustainable processes. The tool brings together simulation models, experimental data, and process

specifications to provide a clear view of how different technologies and operating conditions affect product quality, costs, environmental performance, and safety. The tool receives user-defined product details and target specifications as input, and instantly explores alternative designs, tunes operations, and identifies best practices tailored to the needs of each plating shop to enhance sustainability and reduce risk.

Plating GUI

Inputs

Baths Volume [lt]

Number of Items

Surface per item [cm2]

Adhesion spec [MPa]

Thickness spec [µm]

Opt Strategy

Outputs table

User-Defined Volume	Economic	Environment	Safety	SSbD
(1 part H2O2:X parts H2SO4) - X=	4,00	4,00	4,00	4,00
(Y parts H2O :1 part H2O2:H2SO4) - Y=	1,87	1,53	2,07	1,99
Etching time [sec]	120,00	120,00	120,00	120,00
[NiA] [gr/lt]	4,28	1,95	10,00	6,97
[NaBH4] [gr/lt]	10,00	10,00	10,00	10,00
Reduction time [sec]	300,00	300,00	300,00	300,00
Electro - Ampere [A]	17,36	17,36	17,36	17,36
Electro - Time [hr]	2,00	2,00	2,00	2,00
Bath Volume [lt]	300,00	300,00	300,00	300,00
Number of Items	15,00	15,00	15,00	15,00
Surface per Item [cm2]	150,00	150,00	150,00	150,00
Adhesion achieved [Mpa]	3,00	3,00	3,00	3,00
Thickness achieved [µm]	20,00	20,00	20,00	20,00
Completion	Optimal	Optimal	Optimal	Optimal
Objective	2814,65	28,88	3251,84	164,25
Optimal Volume	Economic	Environment	Safety	SSbD
(1 part H2O2:X parts H2SO4) - X=	4,00	4,00	4,00	4,00
(Y parts H2O :1 part H2O2:H2SO4) - Y=	2,90	2,86	3,17	3,00
Etching time [sec]	68,72	120,00	120,00	20,43
[NiA] [gr/lt]	1,27	1,00	10,00	2,53
[NaBH4] [gr/lt]	10,00	10,00	10,00	10,00
Reduction time [sec]	300,00	300,00	300,00	300,00
Electro - Ampere [A]	17,36	17,36	17,36	17,36
Electro - Time [hr]	2,00	2,00	2,00	2,00
Bath Volume [lt]	18,75	18,75	18,75	18,75
Number of Items	15,00	15,00	15,00	15,00
Surface per Item [cm2]	150,00	150,00	150,00	150,00
Adhesion achieved [Mpa]	3,00	3,00	3,00	3,00
Thickness achieved [µm]	20,00	20,00	20,00	20,00
Completion	Optimal	Optimal	Optimal	Optimal
Objective	135,19	2,23	2,94	2,34

Run Close



HIGHLIGHTS FROM THE SUSTAINABLE PRINTED ELECTRONICS 2025 CONFERENCE

SPE2025 (THESSALONIKI, GREECE, 23-25 SEPTEMBER 2025)

The **Sustainable Printed Electronics 2025 (SPE2025)** conference was successfully concluded in Thessaloniki, Greece (23–25 September 2025), bringing together more than **100 participants** from academia, research institutions, and industry to explore the latest advances in **sustainable printed electronics**. Organised by **EXELISIS** with support from **Aristotle University of Thessaloniki (AUTH)**, **Danish Technological Institute (DTI)**, and **AXIA Innovation**, the three-day conference hosted at the **KEDEA Building** of **AUTH** highlighted Europe's leadership in sustainable and energy-efficient technologies while fostering knowledge exchange, networking, and collaboration within the printed electronics community.



The conference featured **28 engaging oral presentations**, **33 posters**, and **7 invited speakers** delivered by leading experts, highlighting cutting-edge developments in materials, technologies, and applications shaping the future of printed and flexible electronics. Throughout its sessions, **SPE2025** addressed key topics including:

- **Bio-based and biodegradable materials**

for sustainable device fabrication.

- **SSbD methodologies** in printed electronics.
- **Advanced conductive materials**, including nanocomposites, carbon-based inks, and hybrid polymers.
- **Circular economy approaches**, recycling strategies, and material recovery.
- **Scalable manufacturing** and large-area printing for energy, sensors, and wearable applications.
- **Smart systems integration** and emerging functionalities in next-generation electronic devices.

A highlight of the conference was the dedicated Clustering Session (**SaP**, **REFORM**, **HyPELignum**, **CircEl-Paper**, **SUINK**), which brought together multiple EU-funded projects and industry stakeholders to foster collaboration and knowledge exchange on sustainability and commercialisation pathways of printed and flexible electronics.

This interactive session served as a platform for participants to present their ongoing research, share best practices, and explore synergies aimed at accelerating innovation in sustainable printed electronics.

The organisers and our media sponsor **MDPI** extend their sincere appreciation to all speakers, sponsors, and participants whose contributions made **SPE2025** a success.

For more information, photos and for checking the book of abstract, visit:

<https://www.exelisis-events.gr/conferences/spe2025>



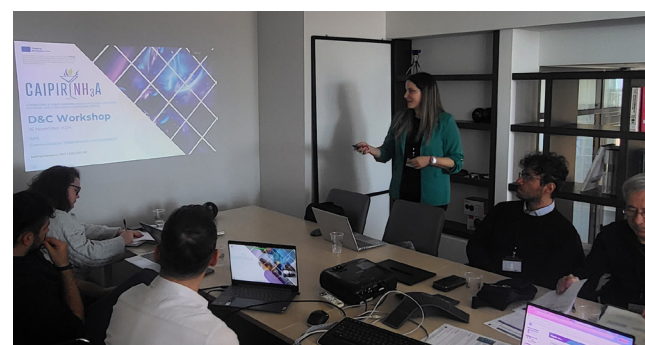
CAIPIRINH₃A: THE NEXT GENERATION LIQUID AMMONIA COMBUSTION SYSTEM

CAIPIRINH₃A is our newest Horizon Europe project, funded with a budget of approximately €2.5M. It aims to develop next-generation plasma-assisted combustion technology capable of directly burning liquid ammonia as a single fuel, without requiring secondary systems for vaporisation or post-treatment to reduce emissions. The goal is to achieve thermal efficiency comparable to diesel engines while maintaining near-zero ammonia slip and ultra-low nitrogen oxide emissions. The concept builds advanced plasma systems, tailored liquid-ammonia injectors, optimised combustor components, and smart self-learning control strategies to enable efficient and clean ammonia combustion.



EXELISIS has undertaken the role of Dissemination, Communication, and Exploitation Manager. As Dissemination Communication (DC) managers, our first goal is to promote our project's capabilities and ensure social acceptance of ammonia as a fuel, a new sector with emerging potential that is often misunderstood due to its combustion and handling challenges. Our second goal is to build a strong network of experts to showcase CAIPIRINH₃A's technical capabilities by engaging stakeholders across maritime, aviation, road transport, and energy sectors, as well as with similar initiatives in the EU and globally, to promote knowledge exchange and future collaboration.

As exploitation managers, and considering that the CAIPIRINH₃A technologies, will culminate in the manufacturing of the "Plasma-Mist Ammonia Burner", we aim



to ensure both individual and unified exploitation of CAIPIRINH₃A results. In parallel, we will map the rapidly expanding IP landscape surrounding "ammonia as a fuel," supporting the advancement of CAIPIRINH₃A's technology readiness level from laboratory validation (TRL 4) toward full market uptake.

At EXELISIS, we engage with the partners and assess their familiarity with DCE as part of our core principles, helping them become accustomed to the expected Horizon Europe guidelines and procedures. Dr. Ioanna Katsavou presented to the project partners the DC strategy we have developed specifically to match CAIPIRINH₃A's needs and KPIs.

CAIPIRINH₃A recently concluded its first year, during which we held our 3rd General Assembly Meeting (M12) in Paris, France, organised by **CNRS**. As EXELISIS, we presented our progress in Innovation Management and DC.



DC Highlight
The new CAIPIRINH₃A project video is now live!
Watch it [here!](#)

Our KPI targeted 10K views by Month 48, but we have already surpassed it. Thanks to a sponsored campaign, the video has reached over **50K views**.



FLAMINGo'S JOURNEY: 4 YEARS OF LIGHTWEIGHT INNOVATION FOR ELECTRIC VEHICLES

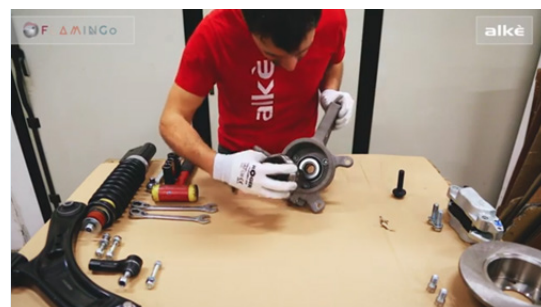


into electric vehicle components. The project not only demonstrated significant **weight reductions and sustainability gains** but also proved the feasibility of large-scale adoption of these **Innovative Advanced Materials (IAMs)** within existing industrial processes. We are especially proud of the project's strong communication and outreach impact, **reaching over 1 million event impressions, nearly 500,000 website views**, and a growing **community of more than 1,800 followers** across social media platforms.

The **FLAMINGo Final Event** took place during the eMove360 Europe 2025 exhibition, bringing together industry experts and project partners to showcase the project's key outcomes and innovations in lightweight materials for sustainable mobility. This event marked the culmination of four years of research and collaboration, highlighting FLAMINGo's contribution to advancing aluminum nanocomposite technologies for electric vehicles.

Being part of yet another successful European collaboration has been both inspiring and rewarding. Congratulations to all FLAMINGo partners for their dedication and innovation in driving the future of **lightweight, sustainable mobility**! You may find our final video (shared by ALKE) on **YouTube demonstrating the assembly of the developed parts**.

Find out more from the project coordinator under section "Listen to our voices".



EXELISIS took part in the final review meeting of the **FLAMINGo Project H2020** on January 2025, marking the successful conclusion of four years of close collaboration, innovation, and commitment to advancing lightweight materials for the next generation of electric vehicles. Together with our outstanding consortium partners, we reflected on the project's remarkable journey, from the development and industrial validation of advanced **Aluminum Metal Matrix Nanocomposites (Al-MMnCs)** to their real-world integration

SECRETed PROJECT: WRAPS UP WITH IMPACTFUL ACTIVITIES

As the **SECRETed project** reached its conclusion, it celebrated a dynamic series of activities that highlighted its results, and reinforced its contribution to Europe's bioeconomy.

The final phase opened with the free **SECRETed Webinar** on 20 January 2025, which gathered **91 participants** from **78 organisations**. With **12 presentations**, including one by Dr. Olga Genilloud (**Fundación MEDINA**), the Webinar showcased the project's main scientific and technological achievements. Lively discussions, feedback sessions, and certificates of attendance underscored SECRETed's commitment to open science and community engagement.



The project's activities highlighted at the SECRETed Final Event during **BIOKET 2025** (11–13 March, Brussels), where SECRETed participated as a Gold Sponsor. With **619 attendees, 58 exhibitors, 16 start-ups** and more than 1,200 B2B meetings, the conference offered a prime platform to connect with biotechnology, pharmaceutical and bio-based industry stakeholders. The SECRETed booth attracted significant interest, while the dedicated session "Unlocking the Potential of Marine Biotechnology for Bioactive Compounds Production" (KET-8) showcased results presented by 6 Work Package Leaders. Additional talks and posters from Blue Synergy





and LUND University further strengthened the project's scientific and industrial presence.

As the project approached its completion, a **Final Webinar** was organised on 27 November 2025, drawing **105 participants** from **62 organisations**. The event offered a concise overview of the project's key scientific

outputs, with **9 presentations**, including an invited talk by Prof. Evangelos Topakas, highlighting advances in natural product discovery, biosurfactant and cosmetic-related bioprocesses, extremophile-derived microbial platforms, deep sea metabolite identification, and sustainable DHA biorefinery strategies. Interactive discussions encouraged future collaboration, providing a well-attended and impactful closing chapter to SECREd's knowledge-sharing activities.

SECREd ended in November 2025, leaving a strong legacy. By combining biology, biotechnology, AI and industrial bioprocesses, it demonstrated the vast potential of marine microorganisms for the sustainable production of high-value bioactive compounds, supporting Europe's transition to a circular, bio-based economy.



nexus monARC SUCCESSFULLY CONCLUDED

nexus monARC was a Horizon Europe WIDERA Twinning project (GA 101079156) coordinated by the **National and Kapodistrian University of Athens (NKUA)**, dedicated



to strengthening scientific excellence in marine environmental monitoring, with particular focus on the Hellenic Volcanic Arc. As a Coordination and Support Action, nexus monARC brought together a multidisciplinary European consortium that reinforced NKUA's research capacity through collaborative research, specialised training, and the development of harmonised methodologies. Additionally, the project fostered strong engagement with local authorities, non-governmental organisations, and coastal

communities, integrating citizen science into environmental observation and resulting in the establishment of a network linking science, local communities, and policymakers, which will serve as a solid foundation for long-term exploitation.

EXELISIS played a central role in nexus monARC by leading the project's exploitation strategy and innovation management capacity-building, contributing to the translation of scientific achievements into future opportunities. The company supported NKUA researchers in shaping a long-term sustainability strategy, delivered targeted trainings on Horizon Europe proposal development and intellectual property management, and coordinated the preparation of a comprehensive business plan for a potential university spin-off company as a major exploitation output of the project.

nexus monARC FLAGSHIP TOUR

Sailing throughout the **Hellenic Volcanic Arc** to gather environmental data, interact with local people, and advance citizen science, the **nexus monARC Flagship Tour** was an important outreach and field activity of the project. Greek and European scientists travelled with a sailboat, conducting water-quality inspections, collecting samples, and demonstrating



monitoring techniques at sea. Through open events, demonstrations, and educational activities, the cruise opened the deck to the public at each stop, allowing locals to meet experts, examine scientific equipment, and discover more about the marine ecosystems that surround their islands. This milestone engagement activity contributed to improving knowledge and understanding of environmental issues in volcanic and coastal regions while bringing research closer to the local communities.



nexus monARC FINAL EVENT

The **nexus monARC Final Event** took place on 17 December 2025 at the Museum of History of the University of Athens, bringing together researchers, stakeholders, citizen science contributors, and representatives from aligned European initiatives. The event featured high-quality presentations on the project's scientific achievements, the advancement of NKUA's analytical and administrative capacities, and the development of citizen science methodologies across the Hellenic Volcanic Arc. The atmosphere was lively and interactive, with participants actively engaging in discussions that showcased the project's impact and the collaborative networks built over its three-year implementation. EXELISIS, as the partner responsible for the project's exploitation strategy and innovation management capacity-building, organised the event and ensured its seamless execution, from



agenda planning and speaker coordination to outreach, communication materials, and onsite management. During the closing session, **EXELISIS** also presented the project's exploitation roadmap, including the proposed spin-off company submitted to NKUA for evaluation. In total, the event attracted **over 130 registrants**, with around **70 attendees onsite**, bringing the room to full capacity, and **35 participants joining online**, reflecting strong community interest and engagement. The successful final event of the project not only marked the formal conclusion of nexus monARC but also demonstrated its momentum and the solid foundations laid for future collaborations.

BIOMAC: BUILDING EUROPE'S OPEN INNOVATION TEST BED FOR BIO-BASED NANO-ENHANCED MATERIALS

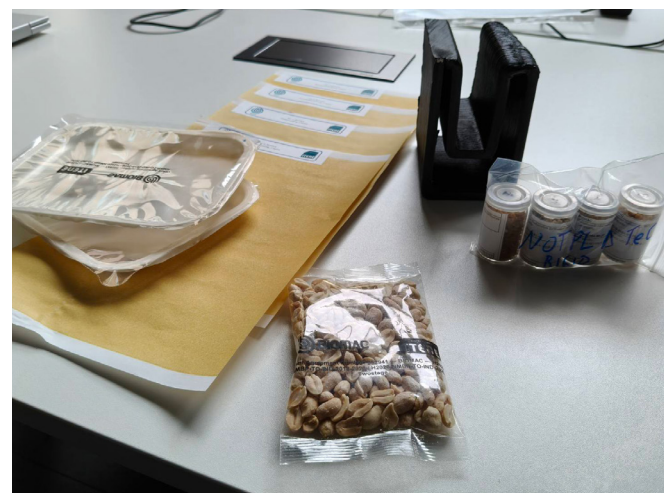


BIOMAC concluded in June 2025, completing a four-and-a-half year effort to create a pan-European innovation platform that accelerates the development and market introduction of bio-based, nano-enhanced materials. The project upgraded a network of 17 pilot facilities and transversal services, validated eleven industry test cases across sectors such as packaging,

construction, automotive and textiles, and established the operational, contractual and quality frameworks required for an **Open Innovation Test Bed (OITB)** to operate beyond the funding period. These technical and organisational achievements now provide industry with an accessible pathway to test, scale and validate sustainable bio-based material solutions.

EXELISIS led the business planning work that converted technical progress into a practical roadmap for exploitation. EXELISIS guided the consortium's exploitation planning, assessed partners' post-project needs, and developed a living business plan designed for both the partner network and the single-entry operator that will manage client access. Rather than presenting static forecasts, the plan translates capabilities into customer-facing services and clear access routes, helping partners understand how to engage with the platform and how a service delivery can be sustained commercially. A tailored investment-need assessment tool was developed as part of this work, aiming to provide consultancy support to prospective users and OITB service providers in order to identify funding gaps, structure investment pathways and prepare for scale-up. The core added value of this methodology lies





in the repeatable assessment and advisory service that EXELISIS can offer to clients as part of the BIOMAC OITB as well as independently.

A major contribution of EXELISIS to BIOMAC's communication and outreach activities was the organisation of the project's international conference, **Polymers 2024**, held in Athens in May 2024. Acting as main local organiser, EXELISIS collaborated closely with the Aristotle University of

Thessaloniki and the international scientific publisher MDPI to deliver a high-visibility conference that showcased BIOMAC's validated demonstrations and connected researchers, industry, policy actors and potential clients. Regional stakeholder satellite events further extended awareness and helped translate demonstrations into concrete business conversations and follow-up engagements.

BIOMAC's services are now available to new members, collaborators and customers through the OITB platform. Interested organisations are invited to contact the single-entry point operator to explore access to facilities, technical services and commercial support. EXELISIS is proud to have led the exploitation work of such an ambitious Horizon 2020 project, contributing to a tested, operational service ecosystem that will continue to support the transition toward a more circular, bio-based economy.



A forward glance at upcoming goals, new initiatives, and EXELISIS' continued commitment to connecting innovation, sustainability, and communication excellence.



EXELISIS CO-ORGANISES COATINGS 2026 CONFERENCE

We are excited to announce that **EXELISIS** is co-organising the upcoming international conference **COATINGS 2026: Safe and Sustainable by Design Surface Treatment and Coatings**, which will take place in **Athens, Greece, from 20-22 April 2026**.

The event is co-organised by EXELISIS, in collaboration with **MDPI** and the **open access journal Coatings**, and will serve as a key European meeting point for researchers, industry innovators, and stakeholders working across the coatings and surface finishing sectors.

COATINGS 2026 aims to showcase the latest developments across both established and emerging coating technologies, while placing strong emphasis on the **Safe and Sustainable by Design (SSbD) framework** as a guiding principle for industrial innovation.

CONFERENCE CHAIRS



PROF. DR.
LUCA
MAGAGNIN



PROF. DR.
EUGENIA
VALSAMI-JONES



DR.
ALEXANDROS
ZOIKIS-KARATHANASIS



SCIENTIFIC TOPICS

The program will include oral and poster presentations, structured under the following themes:

1. **Advances in metallic and metal matrix composite coatings**
2. **Advances in organic and hybrid coatings**
3. **Advances in coating methods and equipment**
4. **Surface finishing for Additive Manufacturing**
5. **Application of the SSbD framework in the surface finishing industry**
6. **Advances in Thermal Spraying**
7. **Thin film technologies and applications**
8. **Anodising of light alloys**
9. **AI tools and simulations for coating design and development**
10. **Phasing out Substances of Concern from industrial processes**

This conference will gather experts from academia, research organisations, EU-funded initiatives, and industry, creating the ideal environment for knowledge exchange, networking, and new collaboration opportunities.

REGISTRATION & PARTICIPATION

Researchers and industry professionals are invited to contribute through:

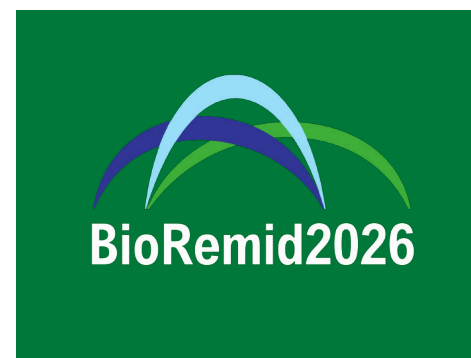
ORAL
PRESENTATIONS

POSTER
SESSIONS

CONFERENCE BOOTHS
& NETWORKING

You may register [HERE!](#)

We look forward to welcoming you to Athens for a dynamic and forward-looking event that will help shape the future of sustainable surface technologies.

CO-ORGANISATION OF ALL4BIOREM WORKSHOP
IN FLORENCE, ITALY

We are thrilled to announce that **EXELISIS** is co-organising the **ALL4BIOREM** Workshop at **Bioremid 2026** on June 24th 2026. BioRemid 2026 will take place between 23-26 June, 2026, in Florence, and acts as a global hotspot for bold ideas and breakthrough science in bioremediation.

ALL4BIOREM cluster unites top EU bioremediation projects including **MIBIREM**, **SYMBIOREM**, **NYMPHE**, **EDAPHOS**, **ISLANDR**, **pHYBi**, **IASIS**, **InBioSoil** and **BIOSYSMO**. By developing innovative tools and methods, the cluster supports stakeholders in designing targeted, effective strategies for sustainable and risk-based land management. Its work directly contributes to the European Clean Industrial Deal and the Zero Pollution Strategy, aiming to reduce contamination and promote responsible land use.



What better place to spark a new scientific forum, than Florence, the timeless cradle of innovation? Join us in this iconic city as we rethink, reconnect, and reshape the future of bioremediation.

Save the date!

Bioremid 2026
June 23rd-26th, Florence

Registration link
<https://www.bioremid2026.com>

Don't miss our workshop on June 24th!



EU PROJECT ACTIVITIES

During the past year, **EXELISIS** has been working collaboratively with multidisciplinary consortia across Europe, driving innovation in sustainability, biotechnology, advanced materials, and digital transformation. Through our active involvement in Horizon Europe, we have contributed our expertise in building successful communication and dissemination strategies, business development, innovation management and stakeholder engagement, ensuring that scientific excellence translates into real societal and environmental impact. Followingly, we will present our ongoing initiatives along with the main outcomes and EXELISIS contribution.

THE PROPLANET PROJECT - SUSTAINABLE, PFAS-FREE COATINGS

PROPLANET focuses on developing **PFAS-free, SSbD coatings** for textiles, glass and food packaging machinery. The project aims to replace harmful substances with next-generation alternatives that are environmentally friendly, high-performing, and aligned with EU green transition priorities. PFAS, often referred to as “forever chemicals,” pose significant environmental and health concerns due to their extreme persistence. PROPLANET takes on this challenge by designing **next-generation coating technologies** that maintain or exceed the performance of PFAS-based products while eliminating their harmful impacts. Through advanced material science, computational modelling, toxicity assessment, and industrial validation, the project is paving the way for a new class of **eco-friendly and high-efficiency solutions**.



EXELISIS leads the **Dissemination, Communication, and Exploitation (DCE)** activities and participates in public engagement actions. This includes hosting a booth at

Researchers' Night in Athens in 2025, which enabled direct interaction with the general public and the wider scientific community. A **flyer dedicated to kids** was also designed to introduce PROPLANET to younger audiences in a fun and engaging way.



By participating in common events, we foster collaboration, knowledge exchange, and the identification of synergies that strengthen the project's societal and commercial impact. Notably, PROPLANET took part in SICT 2025, organising the “Beyond PFAS” workshop together with the four sister projects, and contributed to the final ZEROF event, where PROPLANET and TORNADO joined a shared panel with other relevant initiatives.

On the exploitation side, EXELISIS supports partners by drafting individual business plans, conducting patent landscape analyses, and applying strategic tools to identify commercialisation opportunities. We also coordinate Intellectual Property Rights (IPR) management across partners to ensure that innovations are protected and positioned for future uptake. During the latest consortium meeting in Lillestrøm, Norway (21–22 October 2025), EXELISIS and NILU jointly hosted an exhibition booth presenting PROPLANET materials and sharing early information about the **COATINGS 2026 Conference**, co-organised with MDPI.

A critical milestone of the project was recently reached as the **PROPLANET replication tool** was released in January 2026. EXELISIS was responsible for announcing this achievement, through the project website and social media.

THE FreeMe PROJECT - ENABLING SAFE & SUSTAINABLE METAL COATINGS ON PLASTIC SURFACES

The EU-funded project **FreeMe** is developing a SSbD technology for Plating on Plastics (PoP) that replaces hazardous hexavalent chromium and palladium for non-toxic, REACH-compliant substitutes. Beyond removing dangerous materials and supporting Europe's transition to cleaner, circular manufacturing, the project aims to enable high-performance metallisation of plastics widely used in consumer electronics, automotive, home appliances, and decorative applications.

Throughout 2025, the consortium achieved several significant milestones, including:

- Launch of **FreeMe's Decision Support Tool (DST) beta version**, designed by **EXELISIS**.
- **Advances in computer-based methods** to better understand and predict material processes.
- Successful lab tests of **FreeMe's** plating process, showing effective surface preparation and metal coating on common plastics.
- **Progress in industrial testing**, including coating quality, adhesion performance, and compatibility studies **with existing plating infrastructures**.
- **Enhanced clustering and knowledge-sharing activities** with sister projects in the 4SEE cluster (NICKEFFECT and MOZART).
- **New communication initiatives** by EXELISIS including webinars, workshops, citizen-engagement events, and participation in scientific and industry conferences.



EXELISIS leads the project's Dissemination and Communication (DC) activities, maintaining **FreeMe's** online presence (**website, LinkedIn, Facebook, X, YouTube**), creating newsletters, press releases, technical content, to support partners with outreach and scientific materials.



FreeMe was represented by **EXELISIS** at **SICT 2025** in Albufeira, Portugal (April 23–25, 2025), hosted an exhibition booth that distributed project materials and engaged directly with researchers, SMEs, industry stakeholders, and European innovation leaders. EXELISIS also organised a workshop featuring contributions from sister projects NICKEFFECT and NOUVEAU and lectures from project partners.

Another major focus in 2025 was preparing for the upcoming final event, which will be integrated into the **COATINGS 2026 Conference** co-organised by EXELISIS and MDPI.

THE CoBRAIN PROJECT - INTELLIGENT MATERIALS ENGINEERING FOR SUSTAINABLE THERMAL-SPRAY COATINGS

Many industrial coatings used today face common problems, such as short lifetime, wear and corrosion, high costs, and environmental impact. They also often depend on critical raw materials like cobalt and tungsten. The Horizon Europe project CoBRAIN works to address these challenges by developing new, advanced coatings with better performance and a lower environmental footprint.



CoBRAIN focuses on thermal spray technologies and the development of innovative hard coatings based on High Entropy Alloys and Carbides. These new materials are designed to last longer, resist wear and corrosion more effectively, and reduce dependence on critical elements. To support smart decision-making, the project combines laboratory testing with computer simulations, artificial intelligence, and advanced data management tools.

A key result of this work is the Sustainable Decision Support System (SDSS), which helps project partners select the most suitable materials and processes for different industrial needs. The SDSS brings together experimental data, modelling results, and AI-based insights into one powerful tool.

After three years of work, CoBRAIN has achieved important milestones. New coating powders have been successfully developed and are ready for application. A beta version of the SDSS has been released. Partners have published scientific papers, presented results at international conferences, and demonstrated advanced coating processes such as HVOF and HVOF. The project has also developed a dedicated data ontology to ensure that materials data can be easily shared and reused.



Project partners meet regularly to coordinate progress, with recent meetings held in Paris and Bremen. CoBRAIN has also been presented at major events, including EMMC2025, SICT 2025, and **Researchers' Night Athens**, where **EXELISIS** had the opportunity to engage directly with the public.



As Dissemination and Communication Manager, EXELISIS ensures that CoBRAIN's results are clearly communicated through newsletters, articles, events, and online content. A dedicated section on the CoBRAIN website now hosts project news, while new initiatives, including a kids' magazine, help bring science closer to society.

THE ONE4ALL PROJECT - SMART MODULAR MANUFACTURING FOR INDUSTRY 5.0 AND RESILIENT PRODUCTION

ONE4ALL is a Horizon Europe project that supports manufacturing plants, especially SMEs, in transitioning to Industry 5.0 through human-centered and sustainable solutions. It develops plug-and-produce reconfigurable cyber-physical production modules with mobile collaborative robots, IIoT monitoring, digital twins, and an AI-driven DSS. Using open-source, interoperable components, all modules are integrated through an intelligent orchestration platform for improved decision-making and supply-chain visibility.



As EXELISIS, we are responsible for innovation management to support the post-project exploitation of ONE4ALL innovations, and we are also developing a comprehensive replicability assessment to complement the deployment phase after the project ends. Having entered the final year of the project, we are approaching our core consortium milestone which will be ONE4ALL technologies' demonstration across two use-cases.

Latest news: **EXELISIS** traveled to Porto, Portugal, for the ONE4ALL Consortium Meeting, which was combined with a joint event with the cluster project DMaaST. Both projects

had the opportunity to join forces and discuss their technological insights on Industry 5.0.

As EXELISIS, we believe that smart manufacturing is essential for building a resilient Europe, and we are very proud to contribute to advancing the digitalisation of EU SMEs.

The projects presented their perspectives on:

- Intelligent platforms
- Decision support systems
- Digital twins
- Robotic solutions
- Decentralised Knowledge Graphs

BIOSYSMO PROJECT DRIVING INNOVATION IN BIOREMEDIATION

BIOSYSMO is a project dedicated to revolutionising how we address environmental pollution through next-generation bioremediation. At its core, BIOSYSMO brings together cutting-edge synthetic biology, systems biology, and advanced computational modelling to design, predict, and optimise microbial consortia capable of breaking down harmful contaminants in soil, sediment, and water.



By integrating multi-omics data, metabolic modelling, and AI-supported decision tools, the project moves beyond traditional single-organism approaches and instead engineers synergistic, multi-species biosystems tailored to specific pollutants and local environmental conditions. These innovative bioremediation solutions are being validated in microcosms, mesocosms, and are advancing toward real-world pilot implementations across Europe.

BIOSYSMO had its General Assembly and Joint Meeting along with MIBIREM project (March 18–20, 2025) at TAUW, Netherlands. We, participated in discussions on key technologies for bioremediation, case studies, and field applications. We also introduced new dissemination materials to strengthen project visibility. Following the joint BIOSYSMO-MIBIREM meeting the consortium with the support of EXELISIS announced a cordis new on "Fighting environmental pollution with microbes" showcasing the results of the common discussions. Moreover, during the Review Meeting held on 19th November 2025, the consortium received excellent feedback from the Project Officer and Reviewer, highlighting strong collaboration, and well-coordinated efforts.

As Dissemination and Communication Leader, EXELISIS ensures the effective communication of BIOSYSMO's progress, achievements, and scientific impact. Beyond coordinating outreach activities and managing social media presence, our team plays a central role in strengthening collaboration within the European bioremediation landscape.



This includes active contributions to the **ALL4BIOREM Cluster**, where EXELISIS supports joint visibility efforts, co-develops shared communication material, and helps align messaging across multiple EU-funded projects working toward Zero Pollution.

In addition, EXELISIS co-organised and promoted key community-building events such as MicrobeTech 2025, held last May in Slovenia, an important forum that

brought together BIOSYSMO, BIOREM, and other participant to exchange knowledge, showcase innovations, and engage stakeholders across research, industry, and policy.

OUR ACHIEVEMENTS WITHIN 2025

Over the past year, **EXELISIS** has actively participated in and organised a wide range of events, workshops, and conferences, strengthening its role as a key player in research and innovation communication. From hosting social engagement events, webinars, training sessions and summer schools, to technical workshops and conferences, we have been at the forefront of connecting stakeholders, sharing knowledge, and promoting sustainable innovation. These activities not only highlight our growing presence in the European R&I landscape but also reflect our commitment to fostering collaboration and visibility for every project we support.

EXELISIS AT SICT2025 - PORTUGAL

From April 23 to 25, 2025, the EXELISIS team participated in the **SICT 2025 conference** in Algarve, Portugal, where we organised **two impactful workshops** and represented three leading EU-funded projects. In the first workshop, our **FreeMe Project** featured five presentations showcasing the project's innovative solutions and included cluster sessions with valuable insights from the **CoBRAIN Project**. The second workshop, "Beyond PFAS", focused on two presentations highlighting PFAS-free solutions developed under the **PROPLANET Project**. This session was complemented by several cluster presentations that explored advancements in sustainable coatings and shared innovation goals. These activities demonstrated EXELISIS' commitment to fostering collaboration, driving innovation, and supporting sustainability across European research initiatives.



SPECIALISED WEBINAR ON HORIZON EUROPE FUNDING FOR COATINGS & CONSTRUCTION MATERIALS

On 20 May 2025, together with the Institute of Coatings we hosted a specialised webinar on Horizon Europe funding opportunities for the coatings and construction materials sector. During the session, EXELISIS experts presented the main thematic areas of Horizon Europe, highlighted relevant calls for companies in the Coatings & Construction industry, and provided practical guidance on participating in successful research projects and preparing competitive proposals.

The webinar was addressed to business executives, R&D departments, and technical/commercial directors who aim to enhance innovation through European funding.



EXELISIS CO-ORGANISED MICROBETECH 2025 - SLOVENIA

It was a pleasure for EXELISIS to co-organise **MicrobeTech 2025**, held from 27 to 29 May 2025 at the **Jozef Stefan Institute** premises in Ljubljana, Slovenia. This three-day event was dedicated to knowledge sharing, practical insights, and collaboration. During the Summer School, the consortium presented current innovations in metabolic modeling and microbial-assisted phytoremediation. Additionally, the Internal Technical Meeting with the **BIOSYSMO Project** team provided an opportunity to address key challenges in biosystems design and outline important next steps for our joint efforts.



We extend our gratitude to all organisers, **BIOREM Project, IDENER.AI, Jozef Stefan Institute** and **University of Burgos (ICCRAM)**, as well as the presenters and participants who contributed to making this event successful and forward-thinking.

EXELISIS AT THE RESEARCHERS' NIGHT 2025 - GREECE

We participated in **Researchers' Night 2025**, held at the National Technical University of Athens (NTUA). During the event, our team engaged with visitors, sharing insights from our latest research activities and innovative projects. The exhibition highlighted our work across several key areas, including novel thermal spray coatings, PFAS-free technologies, bio-based nanomaterials and polymers, bioremediation solutions for environmental recovery, and next-generation energy systems. Researchers, students, and visitors had the opportunity to connect with us and discuss how science and innovation can contribute to a more sustainable and resilient future.



WEBINAR: "MATERIALS MODELLING FOR SUSTAINABLE MATERIALS DEVELOPMENT"

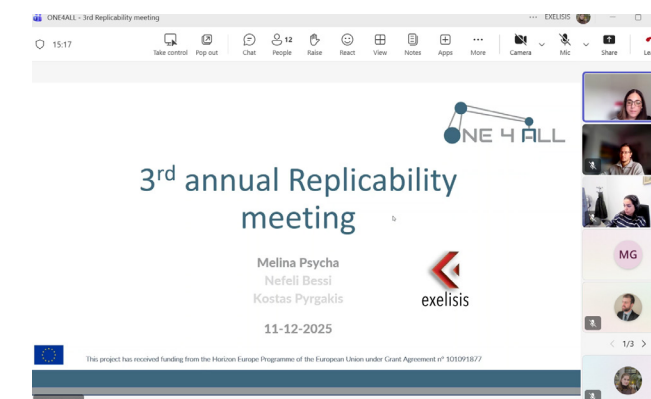
Our company contributed to the joint **NICKEFFECT & FreeMe webinar**, "**Materials Modelling for Sustainable Materials Development**", that took place online on 22nd October 2025. The session explored how advanced computational modelling accelerates the development of sustainable materials, from Ni-based alloys to safer coating processes, supporting innovation while maintaining ecological responsibility.



Speakers included Guillaume Brunin (**Matgenix, NICKEFFECT**), Kostantinos Pyrgakis (**EXELISIS, FreeMe**), and Albert Sabadell Rendón (**IDENER.AI, FreeMe**), offered to participants insights into predictive tools and methods driving greener materials solutions.

EXELISIS ORGANISES THE 3RD ANNUAL ONE4ALL REPLICABILITY ONLINE MEETING

EXELISIS successfully organised and coordinated the 3rd Annual Replicability Meeting of the **ONE4ALL** Horizon Europe project, held on 11 December 2025, as the project enters its final year. The meeting, presented by Mrs. Melina Psycha (EXELISIS), brought together project partners to review the replicability framework and exchange views on key implementation, uptake, and sustainability considerations, while aligning on upcoming actions toward the final replication plan. This annual event contributed to strengthening collaboration within the consortium and supporting a structured approach to replicating ONE4ALL solutions beyond the project's duration.



**Prof. Jasmina Nikodinovic****Research Professor****IMGGE***Institute of Molecular Genetics & Genetic Engineering*

I am a **Full Research Professor at the Institute of Molecular Genetics and Genetic Engineering (IMGGE)**, University of Belgrade. I hold a PhD in Molecular Genetics and Biochemistry from the University of New South Wales (UNSW), Australia, and before joining IMGGE I completed postdoctoral training at the University of Montana (USA) and University College Dublin (Ireland).

My research is centred on microbial biotechnology and the development of sustainable, bio-based materials within a circular-economy framework. As the leader of the Eco-Biotechnology and Drug Development Group, I focus on discovering and engineering novel bacterial enzymes

and biocatalysts for environmentally and industrially relevant applications. I work extensively with microbial biomaterials, including bacterial nanocellulose (BNC), polyhydroxyalkanoates (PHAs), and bio-derived pigments, integrating microbial strain engineering, bioprocess optimisation, and eco-safety assessment to create high-performance, low-impact materials.

A core aspect of my research is the valorisation of waste streams into valuable biopolymers and bioactive metabolites, bridging fundamental microbiology with applied biotechnology to advance sustainable materials, bioprocessing, and environmental remediation strategies.

What inspired you to pursue research in this field?

I was inspired by the idea that micro-organisms can solve some of the world's biggest environmental problems - from plastic pollution to sustainable manufacturing. The ability to design biological systems that produce functional materials, valorise waste streams, or biodegrade pollutants provides a unique intersection of creativity, scientific challenge, and societal impact.

Could you share a moment in your career that made you particularly proud?

A key moment was when our research on green PHA extraction and microbial biopolymer production gained international visibility and was presented across EU innovation platforms. I was also proud when our biopigment research was showcased in a major artistic context such as **Architecture Venice Biennale 2025**, demonstrating how science can intersect with culture and public imagination.

Could you tell us a few words about your laboratory and its main scientific areas?

Our group works at the interface of biology and chemistry, developing ecological and sustainable bioprocesses driven by microorganisms and their enzymes. We investigate how evolution-

nary mechanisms shape microbial metabolism, from biosynthetic pathways and proteins to complex biopolymer architectures and bioactive secondary metabolites, and use this knowledge to design tailored biocatalysts, functional materials, and engineered microbial systems. A key part of our research involves harnessing bioactive microbial metabolites as scaffolds for structural optimisation and activity enhancement, as well as analysing the behaviour and dynamics of complex microbial communities.

The application space of our work spans multiple biotechnological domains. We



develop microbial and enzymatic solutions to convert plastic waste and other environmental pollutants into value-added molecules, explore strategies to combat antibiotic-resistant pathogens, and design smart bio-based materials for biomedical, environmental, and catalytic use. This includes next-generation biopolymers, antimicrobial textiles, biosensors, bio-derived pigments, biosurfactants, and delivery systems for biologically active compounds.

Across all projects, our aim is to integrate enzyme engineering, synthetic biology, microbial consortium design, and sustainable biotechnology to create actionable solutions for the circular bioeconomy and green chemistry. Our research portfolio spans:

- Biocatalytic & synthetic-biology approaches to environmental challenges, including plastic recycling.
- “All things bio”, biomaterials, biofilms, biosensors, biopigments, biosurfactants, bioremediation, and broader bioeconomy applications.
- Development of greener, affordable biopharmaceutical leads through microbial platforms.
- Bioactive & functional materials for health, sustainability, and catalysis.
- Biotechnologically relevant enzymes, including discovery, engineering, and



directed evolution.

This integrated approach allows us to bridge fundamental microbiology with applied bioprocessing, delivering innovative solutions for sustainable materials, healthcare, and environmental remediation.

<https://www.imgge.bg.ac.rs/en/research-groups/microbiology-plant-biology>

How does your work connect with innovation and industry collaboration?

Much of our research is aimed at industry-aligned bioprocesses, such as scalable biopigment and BNC production, biofabrication for packaging and textiles, enzymatic depolymerisation, and sustainable composites. We collaborate with SMEs and industry clusters to imple-

ment TRL-oriented workflows, pilot demonstrators, and co-creation labs that support real-world deployment of biocatalytic processes and bio-based materials.

How important are EU-funded projects and international collaborations in your research strategy?

EU-funded projects and international collaborations are central to our research strategy. They enable us to work closely with leading academic institutions such as UCD, NTUA, and TUS, as well as specialised research centres like Aimplas and companies across the entire value chain. These partnerships strengthen our scientific excellence and give us access to complementary expertise, advanced infrastructures, and shared digital and AI-driven platforms. Participation in EU projects also supports the modernisation of our laboratories, integration into European excellence frameworks, and the co-development of innovative, high-impact solutions that would not be possible within national boundaries alone.

Could you highlight one or two research projects in which you are currently involved?

Two current projects that illustrate the scope of our work are EIC Pathfinder **EcoPlastiC** and HE WIDERA **-Twinn4MicroUP**. EcoPlastiC focuses on

developing advanced biocatalytic and microbial strategies to convert mixed plastic waste into valuable molecules, supporting circular-economy goals and reducing environmental pollution. This project provided the basis for Pathfinder Challenge (Bio2PEs).

<https://ecoplasticproject.eu>

Twinn4MicroUP strengthens research excellence through collaboration with leading European partners, enabling capacity building in microbial biotechnology, enzyme engineering, and next-generation bioprocessing. This project further strengthens our strategic collaboration with Prof. Topakas and his group from NTUA.

<https://twinn4microup.eu>

Which challenge in your research area do you believe needs urgent attention?

One of the biggest challenges in my research is developing scalable, climate-positive alternatives to fossil-based plastics and textile materials. While we can produce promising bio-based polymers in the lab, translating them into industrially relevant volumes - while keeping costs low and environmental benefits high - remains a major hurdle. Equally important is the need for robust eco-safety and sustainability frameworks to ensure that new biomaterials



are not only functional but also genuinely environmentally responsible throughout their entire life cycle. Another significant challenge lies in human behaviour and perception: even the best biomaterials will not create impact unless people are willing to adopt them, trust them, and shift away from established but unsustainable habits. Addressing these scientific, technological, and societal dimensions together is essential for real change.

What advice would you give to young researchers entering your field today?

My advice to young researchers is to stay boldly interdisciplinary. Combine wet-lab skills with digital literacy, and don't hesitate to explore data analysis, machine learning, and sustainability assessment, they are becoming essential tools in modern biotechnology. Focus your efforts on real-

world problems with tangible impact: materials, waste, pollution, and planetary health. And above all, cultivate international collaborations and diverse networks. They will expand your perspective, accelerate your growth, and open opportunities you cannot foresee at the beginning of your career.

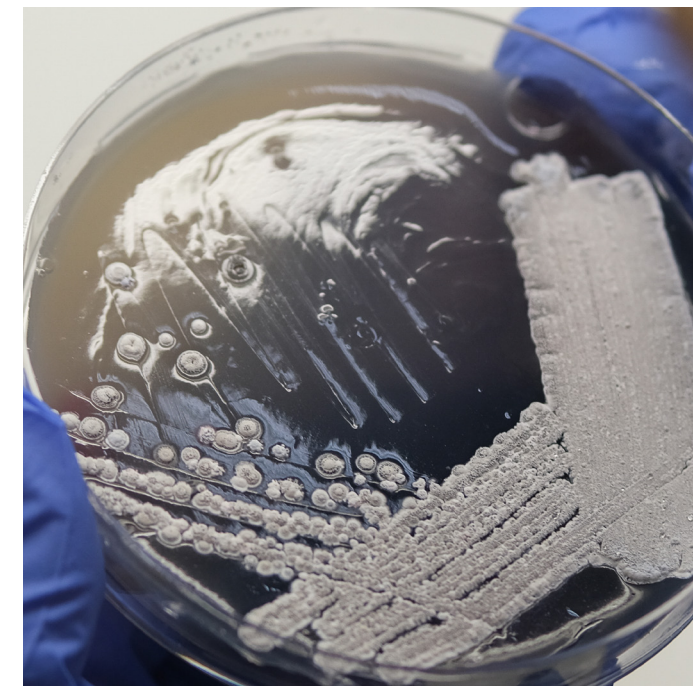
Is there a recent publication or achievement you would like readers to know about?

1. Nenadovic M, Ponjavic M, Pantelic B, Guzik M, Majka TM, Sourkouni G, Maršavelski A, Nikodinovic-Runic J. Efficient degradation of consumer-grade PLA by commercial Savinase: optimized conditions and molecular dynamics insights. **ACS Sustain. Chem. Eng.** 2025;13(24):9269. doi: 10.1021/acssuschemeng.5c02063
2. Filipovic V, Nikodinovic-Runic J, Savikin K, Zivkovic J, Mudric J, Krgovic N, Ponjavic M. Bacterial nanocellulose and its oxidized form as functional carriers for pomegranate peel extract: a sustainable approach to bioactive delivery. **Future Foods.** 2025;11:100560. doi: 10.1016/j.fufo.2025.100560

What do you hope to achieve in your research over the next few years?

In the next few years, I hope to advance

microbial biofabrication platforms to the point where they can reliably deliver high-performance, climate-positive materials at scale. A key priority is integrating AI-enabled digital twins into routine material and process design, making development cycles faster, cheaper, and more sustainable. I also aim to help establish pilot-scale demonstrators for bio-based materials in Serbia, strengthening local innovation capacity and reducing dependence on fossil-based systems. Ultimately, my ambition is to contribute to a European ecosystem where microbial technologies and materials become mainstream.



FLAMINGo PROJECT INTERVIEW VIDEO



This [video](#) features interviews conducted during the **FLAMINGo final conference**, held on 15 October in Munich. Our project coordinator, Dr. Alvise Bianchin, and ALKE representative, Mr. Lamberto Salvan, shared their insights into the remarkable achievements of the **FLAMINGo project**. They discussed our groundbreaking work in developing lightweight aluminium parts specifically

designed for electric vehicles, which marks a significant step forward in the automotive industry. Dr. Bianchin emphasised the innovative approaches and collaborative efforts that drove the project to success, while Mr. Salvan highlighted the practical applications and future potential of these advancements. Their enthusiasm and dedication to promoting sustainability in the automotive sector were truly inspiring.

INTERVIEW BY EXELISIS TO PROF. FOKIALAKIS ON NATIONAL GREEK TV



This year, our H2020 project **SECRETed** proudly reached a wider audience through national Greek TV coverage! During the feature, Prof. Nikolaos Fokialakis, Associate Professor, at the Section of Pharmacognosy and Natural Product Chemistry at National

and Kapodistrian University of Athens, discussed the project's mission to develop sustainable, bio-based molecules using microbial biotechnology. The interview was conducted by Dr. Kostas Pyrgakis, Project Manager at **EXELISIS**, who highlighted the coordinated scientific efforts, the progress achieved so far, and the role of EXELISIS in driving stakeholder engagement and communication.

This visibility marks an important milestone in promoting innovative EU-funded research to the broader public, bridging science, industry, and society.



WATCH THE INTERVIEW HERE

OUR SECRETed PROJECT WAS PROMOTED BY EXE AT GREEK NATIONAL RADIO SHOW



The innovative H2020 research project SECRETed, in which EXELISIS leads communication and dissemination activities, was recently highlighted on the national radio show "**Atairiastoi**" with Giannis Ntsounos and Christos Koutras on **SKAI FM 100.3**.

SECRETed is funded by the European Union and focuses on unlocking the potential of naturally occurring microorganisms by combining Biology, Biotechnology, Artificial Intelligence and Industrial-Scale production.

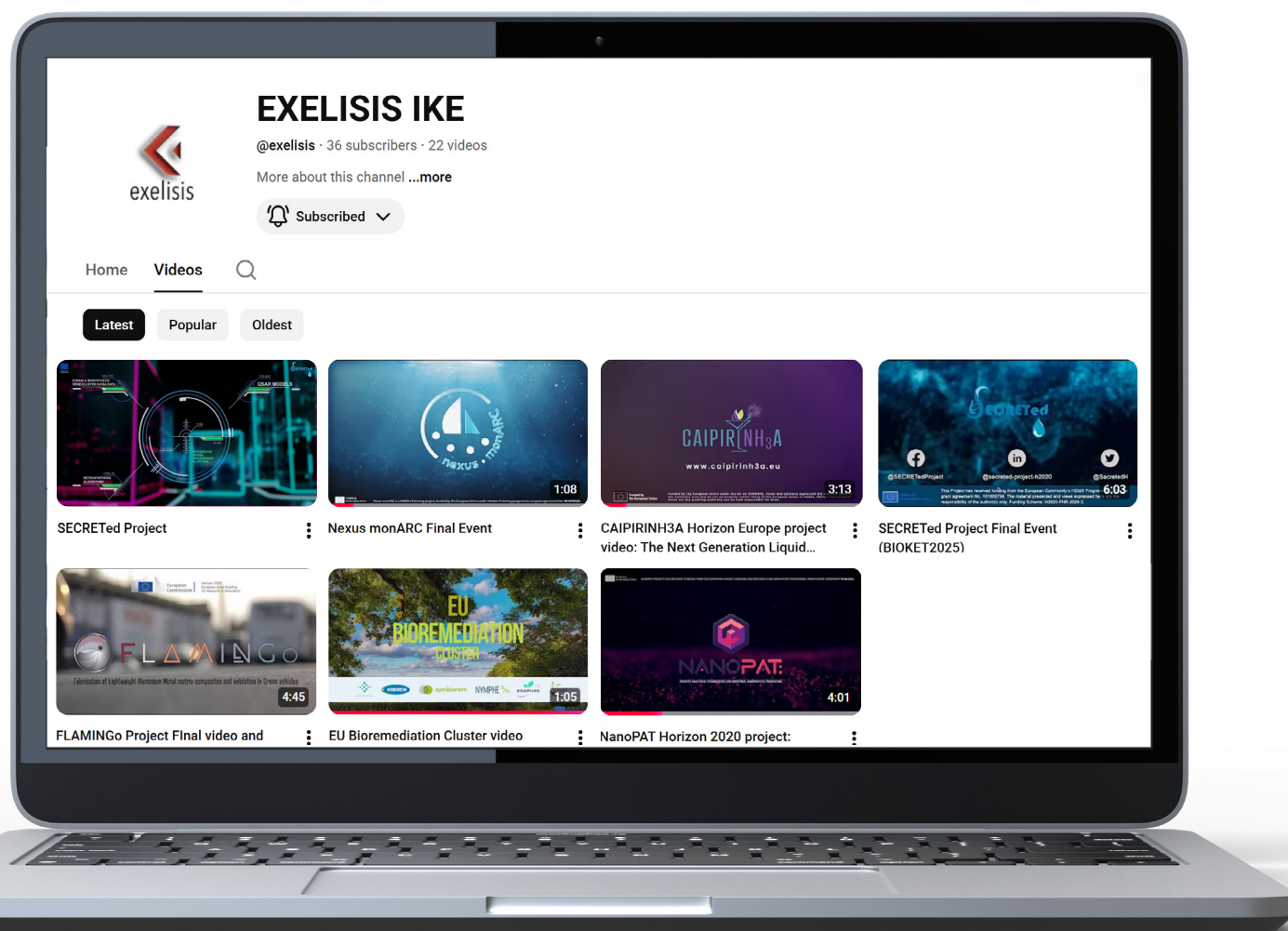
During the broadcast, the participation of SECRETed as a **Gold Sponsor** at the international **BIOKET Exhibition** in Brussels, from March 11–13, was highlighted.

For more information, contact us at info@exelisis.gr

ENGAGEMENT IN ACTION

A visual tour through our latest multimedia work — websites, videos, and social media campaigns that amplify visibility and engagement.

Find out our latest engaging videos



CHECK & SUBSCRIBE TO OUR CHANNEL

EXELISIS IN NUMBERS

Over the past year, **EXELISIS** has strengthened its online presence and community engagement, achieving remarkable milestones:

Website Performance

Our website attracted more than **8.6K active users** and recorded over **21K views** from **122 countries**, with particularly strong interest from audiences in the USA, China, and Greece. User engagement has been exceptionally high, with more than **60K interactions** across our digital content, highlighting sustained interest and active participation. Our company strengthened its visibility through **4 major events, SPE2025, BIOKET, SICT2025, and the nexus monARC final event**, reinforcing our role in event organisation.

Social Media Growth

A thriving community of more than **2.2K followers** across all platforms, reflecting our expanding influence in the scientific and innovation ecosystem.

Last Year Metrics



LinkedIn Highlights
Impressions: 131K+
Engagements: 6.7K+



Facebook Highlights
Impressions: 10.6K+
Interactions: 3.3K+



X Platform Highlights
Impressions: 8.8K+
Interactions: 289



YouTube Highlights
Impressions: 2K+
Videos: 22

These numbers showcase the strong interest and interaction with our content, and represent more than metrics, they reflect trust, collaboration, and impact as we continue to share knowledge and drive sustainable innovation.



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