

Newsletter



Welcome to this week's highlights!

This week, we're excited to feature key research calls in sustainable energy, focusing on integrated bio-refinery concepts, critical ocean energy technologies, next-gen synthetic renewable fuels, and digital tools for CSP and solar thermal plants.

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DEVELOPMENT OF SMART CONCEPTS OF INTEGRATED ENERGY DRIVEN BIO-REFINERIES FOR CO-PRODUCTION OF ADVANCED BIOFUELS, BIO-CHEMICALS AND BIOMATERIALS

DEADLINE MODEL SINGLE-STAGE

CALL SUMMARY

Projects aim to develop zero-waste, energy-efficient biorefineries to produce low-cost advanced biofuels and bio-based products, optimizing resource use, carbon neutrality, and scalability.

OPENING DATE: 17 SEP 2024

CLOSING DATE: 04 FEB 2025

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DEVELOPMENT OF NEXT GENERATION SYNTHETIC RENEWABLE FUEL TECHNOLOGIES

DEADLINE MODEL SINGLE-STAGE

CALL SUMMARY

Projects will advance cost-effective, high-performance synthetic renewable fuel technologies, focusing on efficiency, emissions reduction, and renewable energy integration across sectors.

OPENING DATE: 17 SEP 2024

CLOSING DATE: 04 FEB 2025

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CRITICAL TECHNOLOGIES FOR THE FUTURE OCEAN ENERGY FARMS

DEADLINE MODEL SINGLE-STAGE

OPENING DATE: 17 SEP 2024

CLOSING DATE: 04 FEB 2025

CALL SUMMARY

Projects aim to enhance ocean energy technology with sustainable materials, improved mooring and power connections, advanced condition monitoring, and AI-based simulations. All innovations should adhere to environmental principles, use KPIs, and apply across various ocean energy devices.

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DIGITAL TOOLS FOR CSP AND SOLAR THERMAL PLANTS

DEADLINE MODEL SINGLE-STAGE

OPENING DATE: 17 SEP 2024

CLOSING DATE: 04 FEB 2025

CALL SUMMARY

Projects will use innovative digital tools, including AI, to improve performance, reduce costs, and enhance flexibility in CSP and solar thermal plants, with potential for night baseload support and greenhouse gas reduction.



This week, we also explored essential topics for advancing research excellence: building a strong research team, identifying reliable sources, and staying informed on emerging trends in public health. These insights aim to equip researchers with the foundational tools and knowledge to drive impactful, credible work in their fields.