



Long Life Power Platforms - Internet of Things

Press Release For Immediate Release

LoLiPoP-IoT Project to Host Final Dissemination Event on Long Life Power Platforms for the Internet of Things

Live demos of energy harvesting & micro-power management: Final workshop after three years of research at EnerHarv 2026 in Madrid

Hannover, Germany, May 26, 2026 – The groundbreaking European research project "LoLiPoP-IoT" (Long Life Power Platforms for the Internet of Things) is set to host its final dissemination event at EnerHarv 2026 on May 27, 2026, starting at 10.00 am. This in person workshop is a compelling must-attend for academics and industry professionals who are keen on advancing and/or leveraging low-power remote sensing and tracking technologies. The event promises to offer valuable insights into the project's research network, objectives, and the project results after three years of research.

The LoLiPoP-IoT project aims at developing multi-source energy harvesting and micro-power management solutions for wireless IoT devices by pioneering new technologies and their applications across ten diverse use cases. This dissemination workshop will introduce these use cases, their underlying functionalities and what has been achieved. This will be demonstrated via presentations, posters, videos and demonstrators on-site at the EnerHarv conference. The use cases span three primary application domains: Industry 4.0, Smart Mobility and Energy-Efficient Buildings, leveraging three key functionalities: Asset Tracking, Condition Monitoring, and Building Energy Efficiency/Comfort. The focused innovations aim to convert energy from light, vibrations, magnetic fields, and heat while minimizing power consumption in wireless IoT edge devices. This approach enables the retrofitting of long-battery-life sensors on, in, or near equipment and infrastructure.

Event Details:

- **Date:** May 27, 2026
- **Time:** 10:00-17:00 CEST
- **Platform:** EnerHarv, Madrid, <https://www.enerharv.com/>

Join us for an engaging in person session that delves into the future of low-power IoT solutions. To register for the event visit <https://www.enerharv.com/> and for more information on LoLiPoP-IoT please visit <https://www.lolipop-iot.eu/>.

Quotes from Project Leaders:

"The LoLiPoP-IoT project is poised to revolutionize the way we approach remote sensing and tracking, particularly in industrial and smart building applications. Our goal is to create sustainable, energy-efficient solutions that will have a lasting impact," said Pavel Smrz from Cognitechna, the project coordinator.

"By integrating advanced energy harvesting techniques and micro-power management, we clearly show how we can significantly extend the battery life of IoT devices, making them more viable for a wide range of applications. This workshop will be an excellent opportunity to share our vision and

progress and gather feedback from the community," stated Mike Hayes from Tyndall National Institute, the technical coordinator.

About LoLiPoP-IoT: LoLiPoP-IoT is a European Chips Joint Undertaking (JU) research project focused on developing long-life power platforms for the Internet of Things which addresses seven UN Sustainable Development Goals. The project involves a consortium of about 40 leading academic and industrial partners working together to achieve significant advancements in energy harvesting and power management for IoT devices. The LoLiPoP-IoT project is supported by the [Chips Joint Undertaking](#) and its members under the number 101112286.

Project Objectives:

1. **Energy Harvesting & Micro-Power Management:** Develop solutions for wireless IoT devices to support condition monitoring for predictive maintenance in Industry 4.0 applications.
2. **Sensor Retrofitting:** Enable asset tracking, anomaly detection, efficiency, and performance monitoring through advanced sensor technology.
3. **Factory Savings:** Achieve significant cost reductions by tracking assets and implementing predictive maintenance algorithms based on collected data.

Key Applications: LoLiPoP-IoT's technological advancements will be explored and applied in several use cases, including:

- Predictive Maintenance
- Smart Mobility
- Comfort Optimization in Working Environments
- Energy-Efficient Buildings
- Orthopaedic Surgery

About edacentrum: With over 200 members, edacentrum is the leading network for electronics, design, and applications in business and science. As an independent organization, edacentrum shapes research and development for end-to-end design methods across the entire value chains of various application areas. In this role, edacentrum supports R&D projects like LoLiPoP-IoT with its project management services.

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