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FlexiBIT

presented by Bartłomiej Arendarski
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Who are you, and what is your organization’s area of expertise?

Bartłomiej Arendarski,
Head of R&D at Electrum

At Electrum Concreo, we specialize in sustainable energy systems, digital solutions, and energy management. Our team is committed to driving innovation in renewable energy integration, flexibility services, and regulatory compliance frameworks.

What is your vision for FlexBIT?

Our vision for FlexBIT is to establish a scalable, interoperable energy management platform that integrates renewable energy sources and enhances energy flexibility across communities. By leveraging advanced ICT and AI technologies, we aim to accelerate Europe's transition to a sustainable and decarbonized energy future.

What specific role does your organization play in FlexBIT?

In FlexBIT, Electrum Concreo leads the development of ICT architecture and regulatory frameworks. This includes designing interoperability solutions, testing and validating technologies, and creating a demonstrator to showcase the platform's functionalities within a regional energy community.

What are the key outcomes your organization hopes to achieve in FlexBIT?

Through our involvement in FlexBIT, we aim to develop an advanced energy management platform with robust interoperability features, validated through real-world demonstrations. Outcomes include increased renewable energy integration, enhanced grid stability, and scalable solutions for diverse energy communities.

Why is FlexBIT important for Europe’s energy transition?

FlexBIT is crucial for Europe’s energy transition as it addresses key challenges in integrating renewable energy into local and regional grids. By enabling flexibility and efficient energy use, the project supports decarbonization, energy cost reduction, and the creation of resilient energy communities.

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