

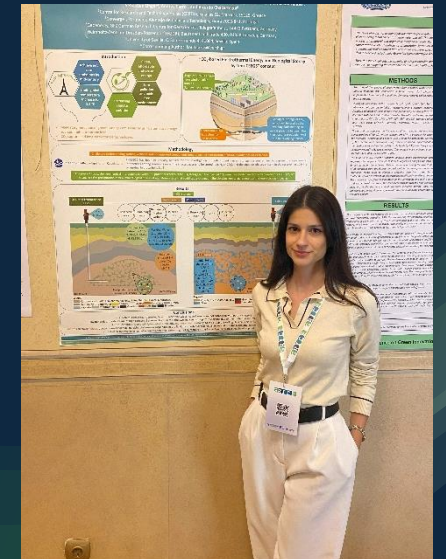
FlexiBIT

**presented by Dr. Nikolaos Koukouzas, Dr. Pavlos Tyrologou,
Christina Karatrantou (MSc)**
Chemical Process and Energy Resources Institute

Who are you, and what is your organization's area of expertise?

Dr. Nikolaos Koukouzas, Dr. Pavlos Tyrologou, Christina Karatrantou (MSc)

At Centre for Research and Technology Hellas (CERTH), we specialize in energy systems, environmental technologies, and digital transformation. Our team is committed to advancing energy transition through research on renewable integration, flexibility mechanisms, and stakeholder engagement for sustainable and inclusive energy solutions.



What is your vision for FlexBIT?

Our vision for FlexBIT is to foster energy flexibility in residential, tertiary, and industrial settings. We believe that by addressing social and regulatory barriers, we can empower communities to actively participate in the energy transition, significantly enhancing renewable integration and energy efficiency.



What specific role does your organization play in FlexBIT?

In FlexBIT, CERTH leads the socio-economic and market analysis. This involves identifying barriers to renewable energy integration and engaging stakeholders to align the platform with market and societal needs, ensuring its broad applicability and acceptance across Europe.



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

Through our involvement in FlexBIT, we aim to achieve actionable insights on social acceptance, market dynamics, and regulatory frameworks. These include strategies for overcoming barriers, promoting flexibility adoption, and enhancing the replicability of FlexBIT solutions in diverse European contexts.



Why is FlexBIT important for Europe's energy transition?

FlexBIT is essential for Europe's energy transition because it addresses critical challenges in renewable integration, system flexibility, and stakeholder engagement. The project fosters innovation in energy communities, unlocking the potential for a carbon-neutral and resilient energy future.



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