

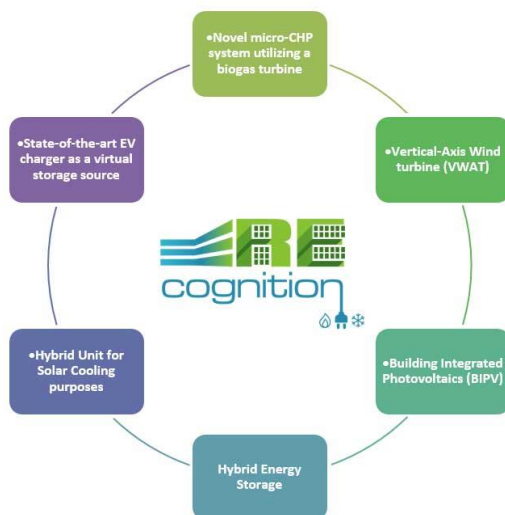
***REnewable COGeneration and storage techNologies IntegraTion for energy autONomous buildings (RE-COGNITION)***



[www.re-cognition-project.eu](http://www.re-cognition-project.eu)

[www.lcmn.utcluj.ro/recognition/](http://www.lcmn.utcluj.ro/recognition/)

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The main ambition of the RE-COGNITION is to develop a future and technology-proof integrated solution aiming to maximise the utilisation of the energy that is locally produced by building-level renewable energy technologies, and to reduce implicitly and explicitly induced costs, towards Zero Energy Building's realisation.

The project aims to deploy a Renewable Energy Integration Framework able to

seamlessly incorporate existing, as well as newly developed Renewable Energy Sources and storage components, along with peripheral electrical and thermal loads (HVAC, chillers, ICT devices, EV chargers, conventional load equipment, etc.).

The RE-COGNITION solution stands as an ICT integration framework, on-top of established and newly developed innovative Renewable Energy-based technologies, representing a highly inter-disciplinary concept for empowering the transition towards a renewable building landscape.

