

TOPAs European Consortium for buildings energy consumption management accomplishes first pilot site installation

Lead by Motorola Solutions, the TOPAs project successfully connected the pilot buildings at [Cork Institute of Technology](#) with an early prototype of the project's platform

- Launched in November 2015, the [TOPAs Project](#) is developing a set of analytic tools aimed at minimising the gap between predicted and actual energy consumption in blocks of buildings
- The project targets reducing that gap to 10% and contributing to reduced energy consumption in the pilot regions by 20%
- The project outcomes will be tested and validated in three representative sites of commercial and public buildings in Ireland and France

Tel Aviv, Israel, Sep. 12, 2016 – The TOPAs International consortium of academic and industrial partners, led by [Motorola Solutions](#) (NYSE: MSI), has recently completed connecting the first pilot buildings in a project aimed at reducing energy consumption. The buildings, at the [Cork Institute of Technology](#), were connected with an early prototype of the TOPAs project (Tools for Continuous Building Performance Auditing) cloud-based analytic platform. Launched in November 2015, TOPAs consortium is building a set of analytic tools for continuous performance auditing of energy consumption in office buildings, aiming to reduce the gap between predicted and actual energy consumption.

“Successfully connecting the buildings at the Cork Institute of Technology proves the feasibility of our architectural approach. This is an important milestone for the TOPAs consortium on the path towards full platform validation, which begins during next year”, said Boris Kantsepolksy, business development manager, Motorola Solutions Israel and TOPAs project coordinator. “We are confident that our fruitful collaboration will facilitate us in achieving the ambitious Project goals - leveraging the potential of energy efficiency solutions for new businesses, taking another big step towards a more sustainable world.”

According to reports from [World Energy Outlook](#), buildings in the western world are accountable for approximately 40 percent of total energy consumption. This in turn contributes 30 percent to the world's total CO2 emissions. Extensive evidence shows that buildings usually do not perform as well as predicted. The cloud-based [Tools for Continuous Building Performance Auditing](#) (TOPAs) project will provide better visibility on how energy-related decisions impact management, cost, air quality and comfort of buildings' occupants.

The TOPAs international consortium brings together multidisciplinary and complementary partners from academia, small to medium enterprise and industry. Led by Motorola Solutions Israel, the TOPAs consortium consists of the [Cork Institute of Technology](#), [The French Alternative Energies and Atomic Energy Commission \(CEA\)](#), [Azimut Monitoring](#), [Energy Solutions](#), [Fraunhofer Institute for Solar Energy Systems](#), [IBM Research Ireland](#), [Technical University Dresden](#) and [EMBIX](#). The project has received funding from the European Union's [Horizon 2020](#) research and innovation program under grant agreement No 676760.

For further information please visit: www.topas-eeb.eu

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