In early 2011, the GEPPADI project sought to rethink road lighting in industrial parks. Born out of an idea from the SPI with financial support from Wallonia, the project was conducted through close collaboration between ULg (Montefiore Institute / EMM – team of Prof. J. Destiné), UCL (ILOC – team of Prof. A. de Herde) and two companies: Arthos Technics and Ronveaux.

SmartNodes was created in 2014 as a co-spin-off from ULg and UCL and specialised in the development and sale of innovative dynamic outdoor lighting solutions and public space solutions.

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From innovative control of outdoor lighting to the smart city

SmartNodes: a key player for the world of tomorrow

Light where and when needed, at the right level. Maximal energy savings (80%) are achieved while maintaining the same quality of light and the same level of security as the usual static lighting infrastructure.

The spin-off supports Smart City solutions by integrating other sensors in public lighting networks. For maintenance or reprogramming purposes, network remote control is possible through a Central Management Software interface. Lamp status, power consumption, traffic statistics and sensor data can also be easily transferred and monitored using the cloud.

• Next step: Large scale deployment of Smart City solutions
• 2015: Belgian Energy and Environment Award (“Business Product Innovation Award”)
• 2014: First contract with the city of Wavre
• October 2014: Spin-off creation
• 2010: Research project beginning