

## **Q&A for Lighting University - Smart street lighting leadership.**

**November 20<sup>th</sup> 2018**

Q: Can Lifi be a new types of street lighting?

A>> We don't see any impact on Street Lighting in the short medium term.

Q: What are the different models you are seeing for financing the street lighting and smart infrastructure, and how do cities join up funding streams for the components?

A>> Forms of energy performance contracting are very applicable to street lighting projects.

Q: Would the system work in compliance with the existing system or a complete scraping off is required to implement the same?

A>> There are various incremental improvement that can be made to legacy systems – eg adding controls & communications, but real value comes from combining LED and control/communication upgrades.

Q: Do you see the street lighting infrastructure having significantly greater value than just the lighting - for example could the lamp poles be monetised for 5G nodes or vehicle charging?

A>> Yes there is a lot of interest in using poles to support other services.

Q: What smart city technology has Cardiff successfully implemented, beyond upgrading their street lighting to LED and using our City touch CMS software?

A>> They are just starting to look at other applications – but they do have city-wide smart parking systems (but this is completely separate from street lighting)

Q: How are you planning to reduce light pollution? This is especially important within larger cities world-wide?

A>> This was actually an important issue for Cardiff – they have been commended for their Dark Sky initiative and see their choice of LED lighting as key element in supporting that (as well as the greater efficiency offered in terms of lighting level management)