



PHILIPS

Lighting University

Partnering: the key to empowering cities

The importance of partnerships
within the concept of smart cities

Light+Building
Expert speaker program

Partnering: the key to empowering cities



The importance of partnerships

Cities around the world are looking to innovate and adapt to the changing demands of an increasingly urbanized, globalized and digitalized world.

SAP's Sean O'Brian and Vodafone's Cyril Deschanel show how their companies' are working to help cities better serve their citizens.

Watch the video on:

<http://www.lighting.philips.com/main/education/lighting-university/lighting-university-browser/event/light-and-building-speaker-program.html>

Philips' vision is based on 3 pillars:



The right light

Philips' goal is to provide the right light at the right time, while adapting to match the needs of customers.



Connected operations

Result in energy savings of 30%, reduce maintenance costs, increase operational efficiency, and improve services to citizens.

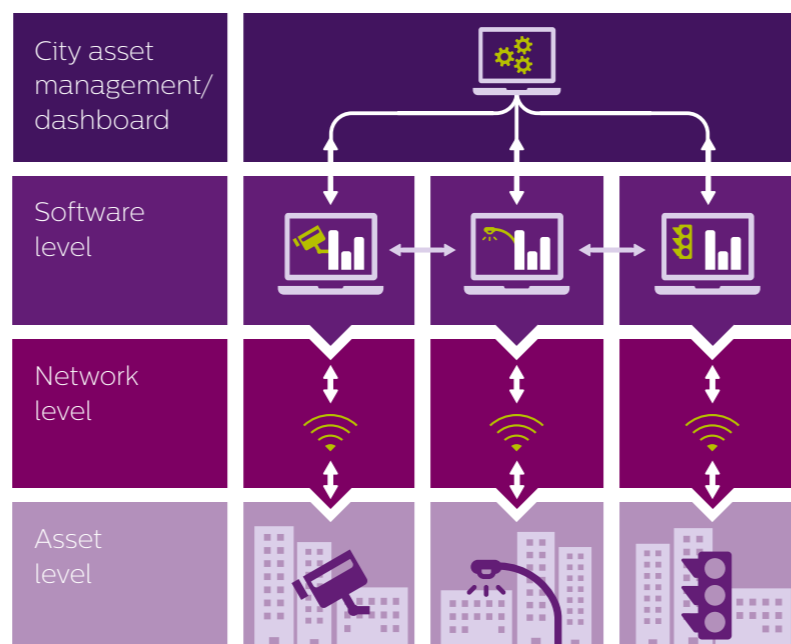


Evolving applications

The need to have an open solution makes partnerships with companies such as SAP and Vodafone so important.

Lighting and ICT are converging and it is important to foster openness on all levels:

infrastructure, communication, software and assets



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Of course, we can't do it alone.

Partnering is the key to empowering cities.”

Andreas Knobloch - Philips Lighting



Three topics to consider:

1. What is driving the smart city phenomenon?
 - Urbanization – people are living longer and the population of cities is increasing (50% now to up to 75-80% in the next 20-30 years)
 - Digital use of technology, which is shaping the way governments think about innovation
 - Susceptibility of cities – safety is top of mind
2. What is SAP's vision for what future cities look like? SAP Future cities built upon the following three themes.
 - Urban resilience – deal with situations, overcome and adapt
 - Digital transformation – city services must be digital
 - Economic prosperity – skills, infrastructure, access to global markets
3. Focus on city outcomes – determine the value of the project
 - Does the project change the city in a positive way that is measurable?
 - Important to drive a strategic value such as reducing crime, improving transport flow, increasing safety, lowering costs, etc.

SAP –

Philips partners with SAP to facilitate the digital transformation in cities: connect lighting and communication on the same smart grid, predict problems and adapt, and share data for more efficient operations. Cities are relying more on data to drive decision making.

Vodafone –

The future is faster. IOT is already here; the difference between now and the future is the speed of connections and the amount of data.

Vodafone's key goals are to leverage their global footprint, build capabilities on a core platform and deliver dedicated IoT professionals.

Philips and Vodafone partner in order to provide the above benefits to their customers on the Philips CityTouch platform.



According to Andreas Knobloch, Alliance Manager at Philips Lighting, lighting has a powerful role in helping cities evolve into smart cities. With a prediction of 4+ billion connected people and 25 billion embedded intelligent systems by the year 2020, smart city solutions must be open, scalable and connected. More than any other city service, public lighting bridges the emotional and technical realms and it is important to foster openness on all levels, including infrastructure, communication, software and assets.



