Q&A September webinar on Digital technology for smart cities

- **Do you think having connected cities will make our networks more vulnerable to hacks?** Like any technology it is important that we apply the most up-to-date techniques to ensure the security of any system. The topic ranges from data privacy to advanced security techniques. You might find some of the tips from Machina Research helpful in your work: http://www.lighting.philips.com/main/systems/connected-lighting/connected-lighting-for-smart-cities/cloud-article.html

- **What are the road blocks to tackle? And what is the time frame for this to happen, is there any "dream pilot city" where all these initiatives are in place already?**
  Every city has its own organic timeline, we don't think there's an ideal speed. Also every city has different key issues to focus on. It's important to link investments made with these areas. In terms of interesting cities, The diversity of cities leading the charge is intriguing; from exciting ideas of enlivening public space in Lima, Peru (our own Philips project with the lighting designer Claudia Paz: http://www.colorkinetics.com/showcase/installs/BCP-Affinity/) to rethinking public spaces along the Seine in Paris, France (current mayor Anne Hidalgo). All of these cities are reimagining what it means to enable people to benefit from urban infrastructures.

- **What about world-wide light pollution? How can smart cities help?**
  One of the most important things about LED lighting is that it is digital. As a result unlike past outdoor light sources these new public lighting systems lend themselves to controls. It's essential that any upgrades to public lighting undertaken today consider how controls (remote monitoring and management) might contribute to ensuring the right light ends up in the right place at the right time. Furthermore these types of controls can extend to façade lighting and other forms of architectural lighting to ensure we can celebrate in public space when and where it's appropriate.

- **Do you have a list of the cities you surveyed that you could share with us?**
  The cities surveyed were: Barcelona, Berlin, Buenos Aires, Chicago, London, Los Angeles, Mexico City, New York City, Rio de Janeiro, Shanghai, Singapore and Toronto. You can find all the details on this website: http://empoweringcities.eiu.com/ as well as on our smart cities homepage: www.philips.com/smartcities.

- **How is Philips Lighting contributing to Smart City concept in terms of lighting columns (sensor, Wi-Fi, etc.)?**
  We are collaborating in pilot projects at this stage such as this recent one with the city of Los Angeles: http://www.newsroom.lighting.philips.com/news/2016/20160920-the-city-of-los-angeles-and-philips-lighting-pilot-new-pathway-to-smart-city-utilizing-connected-street-lighting-infrastructure.html. These kinds of projects are great ways to understand what types of needs cities really have.

- **What is the difference between Resilient Cities and Empowering Cities?**
  The webinar focused more on the topic of citizen engagement and the focus on specific benefits linked with the use of technology to improve infrastructures and service delivery. It's complimentary to the notion of resiliency which can link to many different domains (economic, social, environmental, etc.). Empowering cities captures a way of thinking about technology at the service of citizens rather than the other way around.