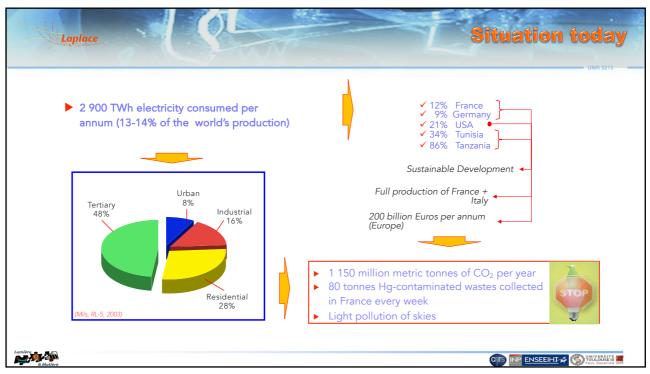
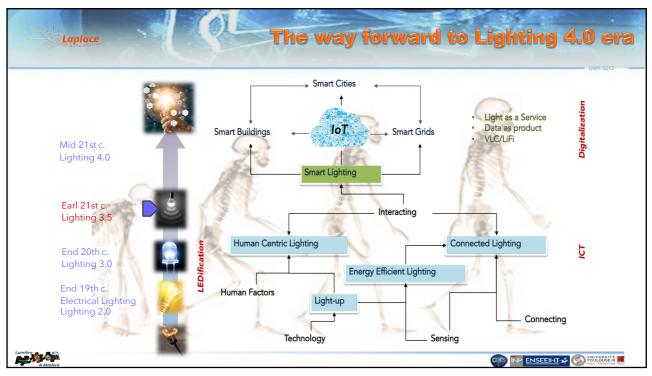


Today, artificial light is everywhere Laplace **Multiples Usages: Non-lighting Applications Multiples Functions:** Appreciate Make secure See & be seen Make feel secure Enhance & fancy Locate ▶ Communicate Create ambiance Identify Lumière 200 COTS INP ENSEEIHT FOUL SARATIES

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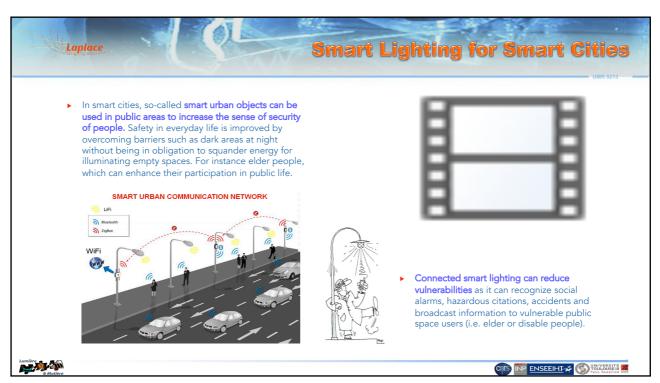


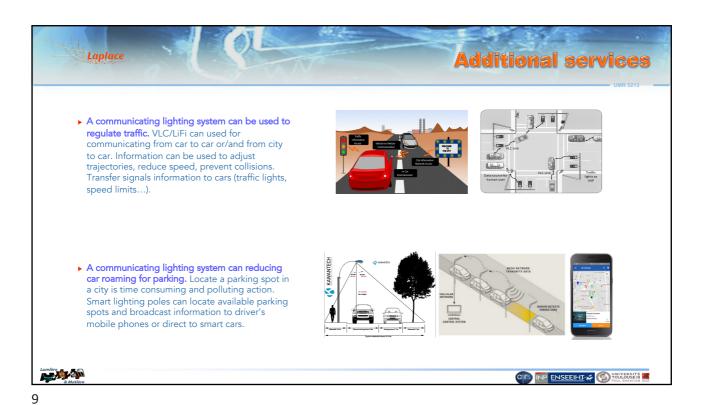












Lighting, an IoT system's component... Laplace A connected lighting system can be used as basis for connecting communicating objects thanks to visual light communication (VLC) and LiFi functionalities. Objects can communicate between them or/and a central system. VLC/LiFi offer a large band-pass to allow large data flows. A lighting network forms a dense mesh that can be used s for various applications & services ▶ Illumination will become a sub-function of a more complex ICT (Information Communication Technology) system, which will be a sub-system in the Internet-of-Things (IoT) global system. Light will be the vector of new services and carrier of dataflows that will spawn additional products According to market research, Li-Fi and in general VLC are expected to garner US\$ 115 billion by 2022, registering a CAGR of 116,8% during the forecast period 2016 – 2022. US host important national lighting and ICT related industries that smart lighting technologies development will contribute in consolidating world leader position in that segments Lumière COTS INP ENSEEIHT FOUND SARATION

