

LED SCALE-UP



LED Scale-up – Cities & Corporates

Program Overview November, 2016

Why LEDs and why now?

As the Paris Agreement enters into force, it is time to scale-up clean technologies to drive the climate action required if we are to achieve key targets including keeping the global temperature increase well below 2 degrees Celsius above pre-industrial levels.

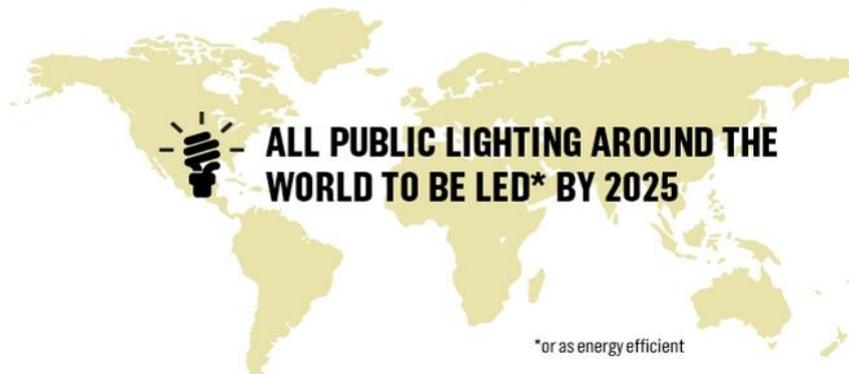
LED lighting, with energy savings of between 50-70%, has been recognized as one of the leading technologies that can generate immediate and significant reductions in energy-use and greenhouse gas emissions on a global scale. The scale-up of LED lighting in cities and the commercial sector is therefore an urgent priority.

Since 2009, The Climate Group has been advocating the benefits of LED lighting solutions in cities around the world, offering technical and policy advice to help accelerate adoption. In 2015, together with our leading partner, Philips Lighting, we made a call to action:

**A GLOBAL SWITCH TO
LEDS IN ALL SECTORS
COULD:**

**AVOID 1,400 MILLION
TONS OF CO₂
& SAVE €272BN
(US\$299BN)**

THE CLIMATE GROUP CALLS FOR:



*or as energy efficient



Our work with cities & municipalities

Following our [Lightsavers](#) LED city trials in 2012, The Climate Group has committed to driving a global LED consultation program to identify and address remaining regional barriers to wide-scale adoption of LED street lighting in cities.

The [Big Switch](#) report presents findings from the first two years of our global consultations and reveals that the vast majority of cities want to upgrade to LEDs and that technological barriers have now been largely overcome. However, each city urgently needs assistance and expert advice to help make the switch, develop and finalise the business case given their unique lighting circumstances, review the optimum LED options and negotiate appropriate financing.

Looking forward: driving corporate actions

We are expanding our city program to support LED commitments by corporations. LED lighting in corporate environments does not only offer similar energy savings and environmental benefits, but it provides opportunities to create modern, human-centric, adaptive lighting environments, which help to improve staff well-being and increase wider productivity.

Through our corporate program we are creating a network of leading businesses committed to switching to LED lighting solutions, as well as a corresponding group of solution providers to offer practical and technical guidance to assist those companies making the switch.

What we will do?

- **Consult and support cities and municipalities** in switching to LEDs and meeting the 2025 target.
- Link with **leading corporates exploring LED lighting solutions**, offering practical and technical advice and guidance in making the switch.
- Convene **technology solution providers** to address questions on key adoption issues.
- Convene experts to help address the **need for more flexible financing mechanisms** to unlock funding for large-scale LED lighting projects – particularly in developing countries.
- **Link with key regional stakeholders** to ensure messaging and goals with local supporting agencies are aligned and complementary.
- Support **US cities and utilities** in adopting LEDs – exploring ways to mutually incentivize lighting asset owners to make the switch.

How you can participate

- Regional LED consultation workshops (eg EU, US, Brazil, India, China, Africa etc.)
- Themed consultation events with cities, corporates and solution providers.
- Roundtables on LED and low carbon finance.
- Roundtables on driving adoption with US and international utilities.

If you want to learn more, contact

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**A GLOBAL SWITCH TO
LEDS IN CORPORATE
SECTOR COULD:**

**AVOID 403 MILLION
TONS OF CO₂
& SAVE €83BN
(US\$94BN)**