



PHILIPS



THE °CLIMATE GROUP

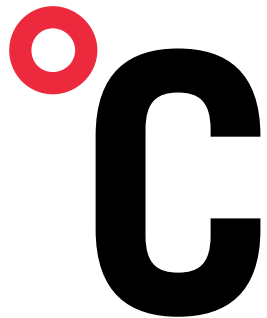
LED Street Lighting: The Big Switch

15 December 2015, Incheon Metropolitan City
International Conference on National Urban Policy: *Towards Smarter and Greener Cities*



Our goal is a prosperous, low carbon future for all

We believe this will be achieved through the rapid scale-up of low carbon energy and technology.



WE BRING TOGETHER LEADERS, SHARE EVIDENCE OF SUCCESS AND PILOT SOLUTIONS FOR A LOW CARBON FUTURE.

LED Street Lighting: Focus on scale-up

We are working to transform the way we light our world. Lighting consumes 19% of electricity and accounts for 6% of CO₂ emissions globally. We can make a considerable dent in carbon emissions if we make lighting more energy efficient.

**LEDS ACHIEVE THE *
EXPECTED 50 – 70%
ENERGY SAVINGS,
AND REACH UP TO
80% SAVINGS WHEN
COUPLED WITH
SMART CONTROLS.**

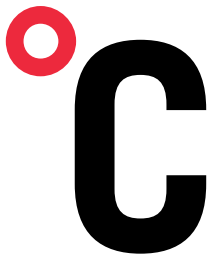


LED scale-up



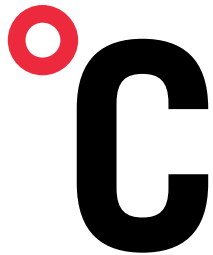
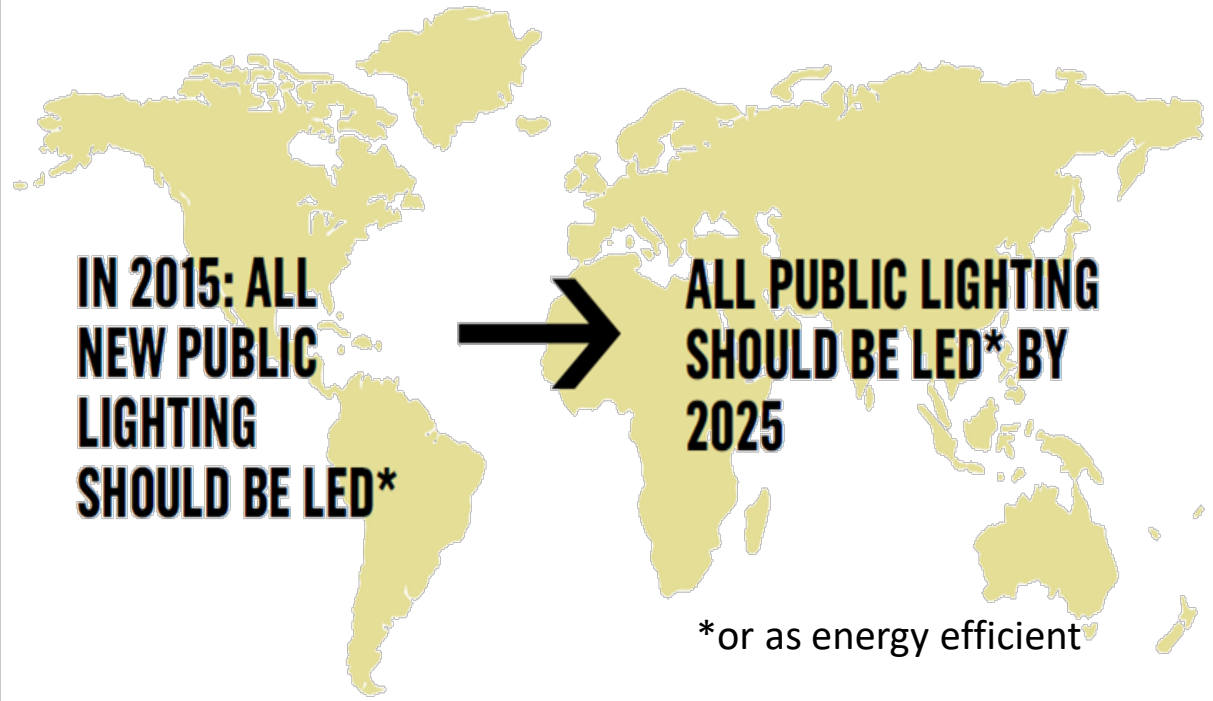
LEDs: Scale-up is now critical

- LEDs can play an immediate and significant role in reducing emission and achieving efficiency targets.
- LEDs are providing real monetary savings.
- Large scale LED deployments delivering savings over extensive periods.
- Improved lighting also provides socio-economic benefits to the society.
- Old arguments of 'new' technologies and uncertainties no longer apply.
- Major manufacturers are matching warranties with their claims (up to 10yrs).
- The technology is no longer the barrier.





The Climate Group calls on governments and every single city and utility globally to schedule the switch of their street lighting to LED (or energy-efficiency equivalent) by 2025.





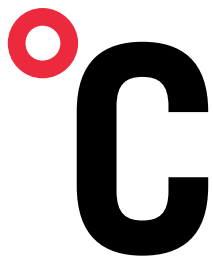
The Climate Group



(AND LOTS OF EXTRA DOLLARS SAVED)



A Clean Energy Ministerial Campaign



Collaboration Opportunities

- Participate in the Global Lighting Challenge.
- Participate in The Climate Group's consultation process to identify local challenges and solutions.
- Develop scale-up strategies for LED lighting.
- Develop capacity building across sectors to facilitate deployment.
- Drive broader state / government policy support.
- Explore financing mechanisms for regional adoption.
- Identify the role of philanthropy in addressing the opportunities and challenges.
- Increase clarity on national standards and guidance on LED quality and deployment.

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