



The Lights Go Up for LED

Manila | June 8, 2016

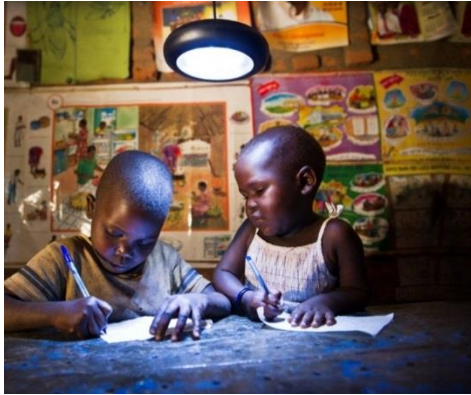
Turning Energy Efficiency into
Economic Growth

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The world needs....

more light



more energy-efficient light



(connected) digital light



...and Philips Lighting is changing the
game



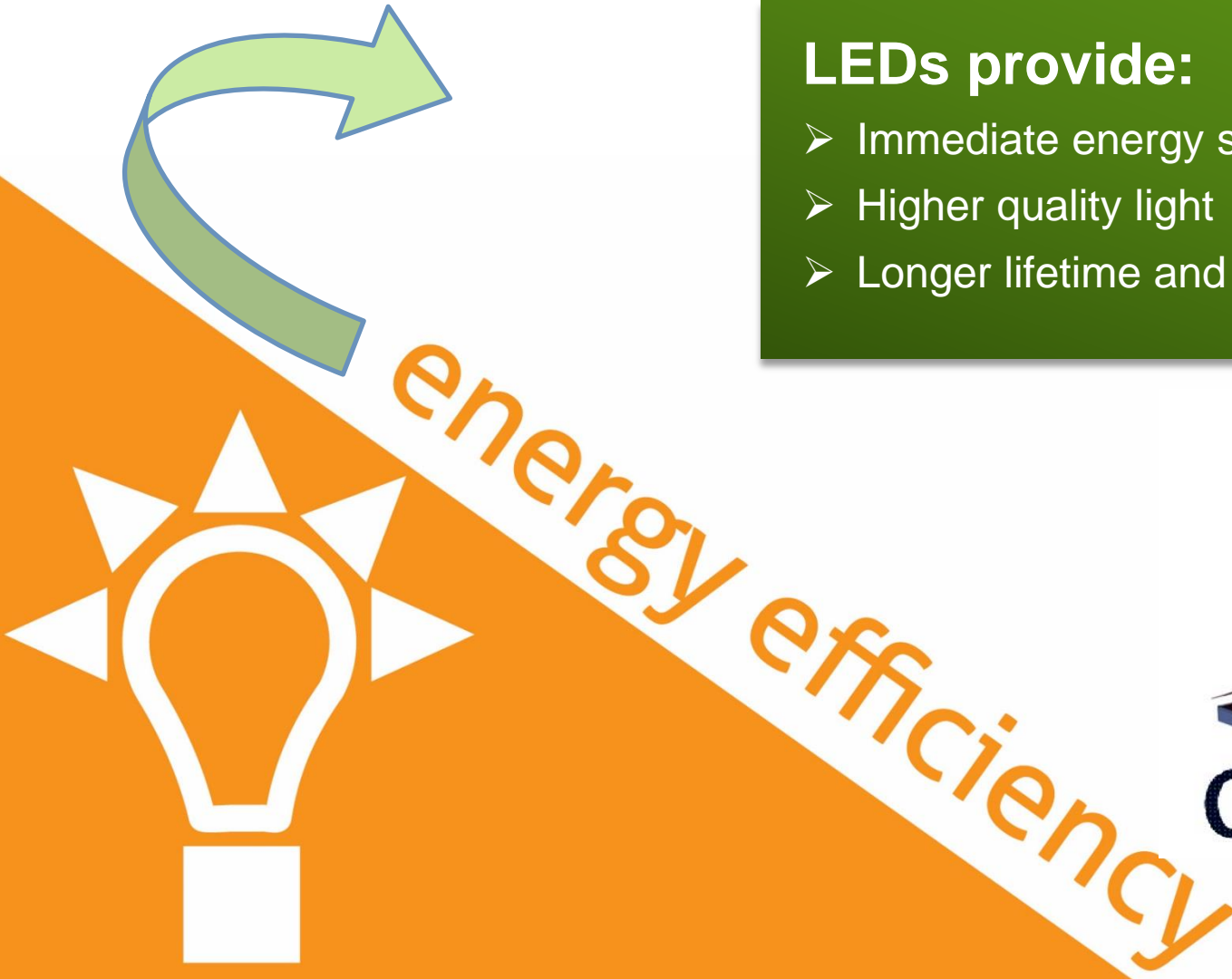
Lighting accounts for around
15 % of global electricity
consumption

300 million street lights globally –
75 % with outdated technology

With conventional technologies,
lighting comprises around 50% of
local governments' energy bills

LEDs provide:

- Immediate energy savings of 40 – 80 %
- Higher quality light
- Longer lifetime and reduced maintenance



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Benefits beyond Efficiency



- Safer roads and streets



- More productive offices



- More livable cities and attractive public spaces



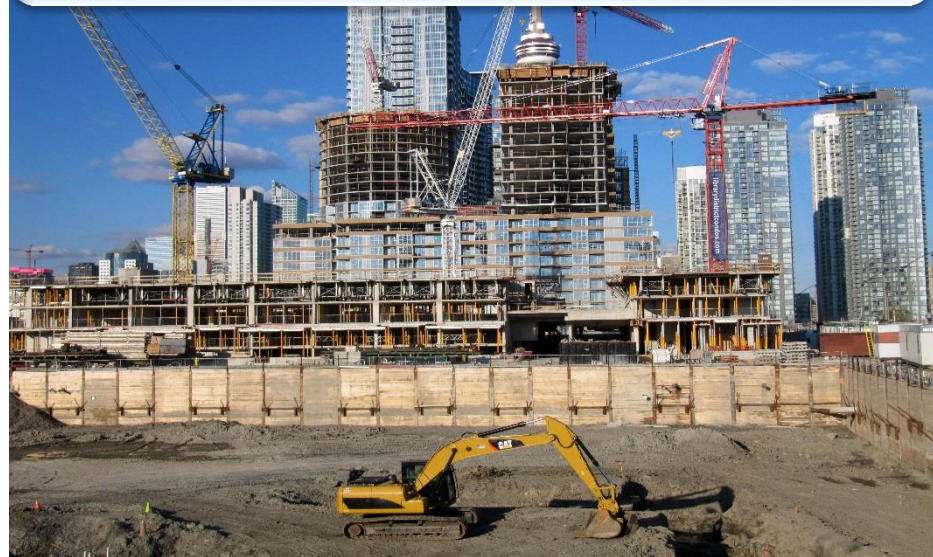
- More patient-friendly hospitals

Two critical actions

1. Accelerate renovation of existing infrastructure



2. Leapfrog to most efficient technology for new infrastructure



Case Study: Semarang, Indonesia



Transforming Semarang
into a smart city



LED Trials and Light Savers reports

The Climate Group / 'Lightsavers' Trials:

- 12 Major Cities
- 15 Trials
- 27 Products
- 500+ Lights



Individual City – LED Trial Reports



*Lightsavers
Summary Report*



*Lightsavers
Technical Report*

Technology mature, energy savings confirmed.....no need to wait.

LED goes global



If the entire world switched to LED by 2030 ...



Shut down 1250
power plants



Avoid 1400 million tons
in carbon emissions



Lower energy bills
by €272bn



- LED lighting technology proven
- Cities can create triple benefits
- Philips support is available

- **No need to wait !!**

