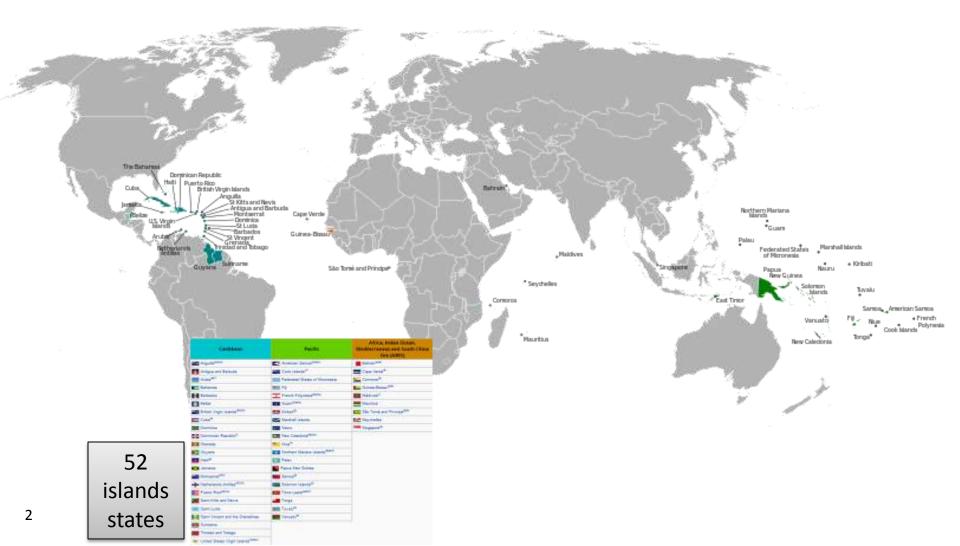
De sociaal-economische bijdrage van LED verlichting aan duurzame groei in het Caraibisch Konikrijk

Harry Verhaar Head of Global Public & Government Affairs, Philips Ingetity 0 28 November 2013, Den Haag



Island States across the World (SIDS) Shared Sustainable Development Challenges



Sustainable Development



The Core of the Challenge

From a Linear to a Circular Society

- Lowest 1st cost
 - Behaviour
 - Processes
 - Judgement

Linear Society

- Extraction
- Consumption
- Disposal / emission

• GDP

- Lifecycle value
 - Economical
 - Ecological
 - Social

Circular Society – Resource efficiency • Energy; Materials • Water; Food

Quality of Life

The role of Lighting

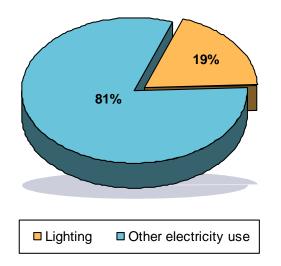
Four drivers for action

Rising energy prices
Climate change
Security of Supply
Economic Growth



Our value proposition

Energy Efficient Lighting Solutions



Potential savings 40%

	Global
Electricity cost/yr (Bio €)	128
CO ₂ emissions/yr (Mio tons)	670
Car emissions@10kmile/yr(Mio)	260
Power plants (at 2TWh/yr)	642

LED Innovation for Homes & Hospitality Time magazine - The 50 Best Inventions of 2009



DOE L-Prize winner (Aug 3 2011)



- 10W LED (25,000 hours) replacement for 60W light bulbs => 50% of domestic incandescent market
- Electricity savings enough to light 17.4 million Households

LED Innovation: HUE Forbes magazine - The best product of 2012



Philips hue: the 'world's smartest' LED lightbulb that saves you time during Red Alerts





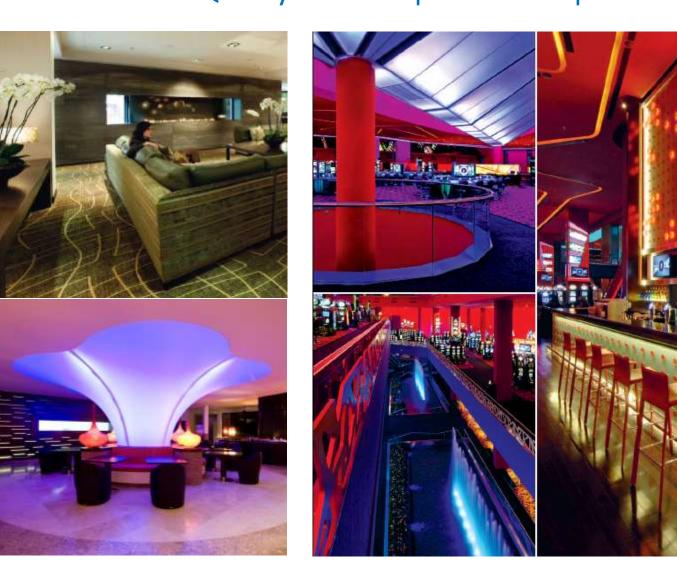
7

LED Lighting in Offices & Hotels Productivity, Ambience & Identity with energy efficiency





LED Lighting for Hotels, Restaurants & Casinos Ambience & Quality for a unique Guest Experience



Novemb

LED Innovation in Outdoor Lighting

Large energy saving potential





Solar-LED Lighting

United Nations For Climate Change Conference in Durban 2011





Philips Community Light Centers

Solar-LED lighting for socio-economic development



Policy Initiatives



Energy Efficient Lighting Solutions / Sustainable Development High political and public awareness achieved and policy measures being defined

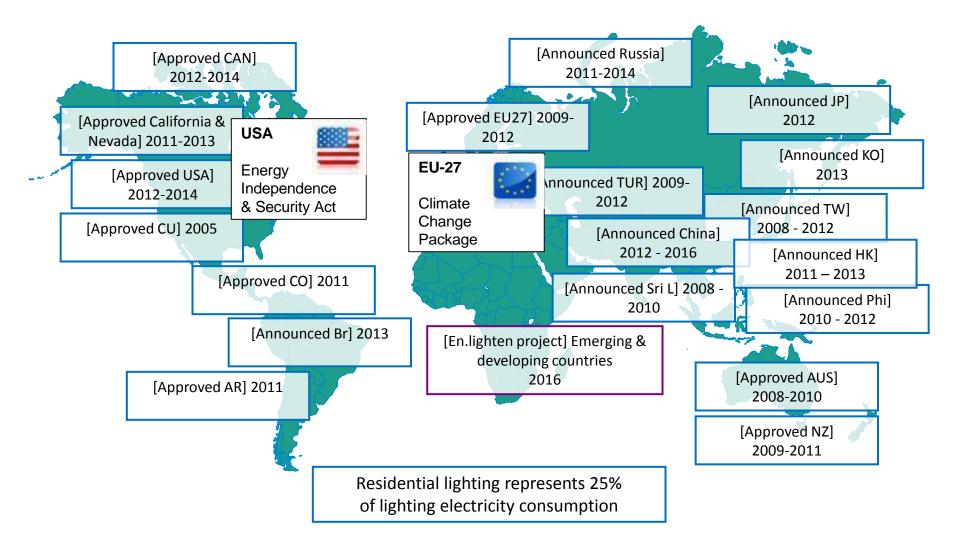








Global phase-out incandescent lamps







HOME | ABOUT US | COUNTRY SUPPORT | RESOURCES | NEWS | EVENTS | FAQS |

You are here: Country Support >> Country Lighting Assessments

Global Partnership Program

Efficient Lighting Toolkit

Country Lighting Assessments

What are Country Lighting Assessments?

Energy Savings Benefits

Financial Benefits

Climate Change Mitigation Benefits

Conference Material

Regional Conference in Southeast Asia

Regional Conference in the Middle East and North Africa

Regional Conference in Latin America and the Caribbean

Country Lighting Assessments

tool by ammap.com country name:



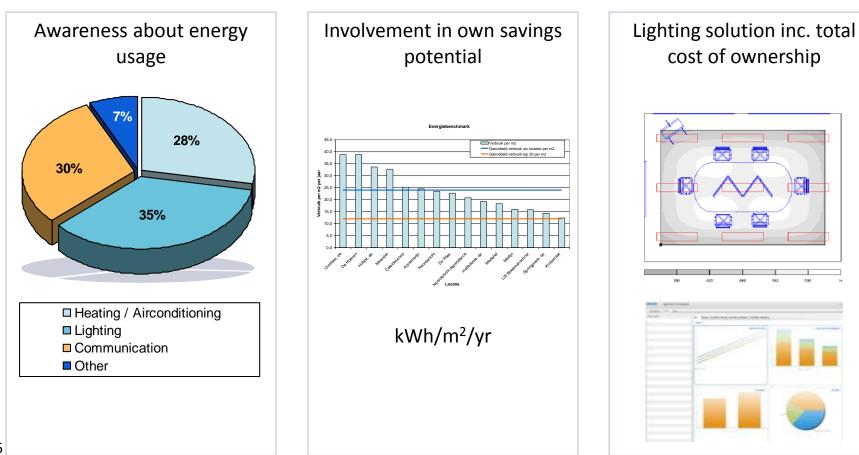
71.8 MEMCO,

The Government of the Philippines with GEP support Metabel in peak 2000 the Philippine Efficient Lenting Market Transformation Project (PELMATP) to move towards efficient lighting by misgrating verticus everys effored lighting programs and precision into standards, labeling programs and promotional autorities, Building on PELMATP achaicements, the ACB supported Philippine Energy Efficiency Project (PEEP) was robated in 2009. As a result of these activities in Fabruary 2009, the President of the Philippines called for a ban of moundeanent lamps by 2010. The Philippines has easthe one of the fost Asian countries to their incandescent large.



Assessment tools and methodologies





Options for LED Outdoor Lighting Philips GreenVision

GreenVision



Intelligent Lighting

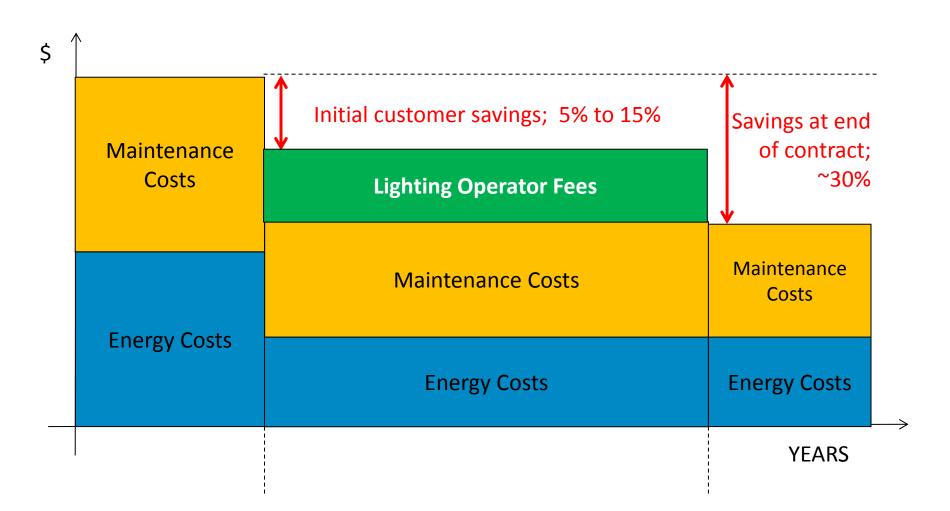
Solar-LED





- Energy Saving 50-70%
- Savings \$50-100 per lightpoint / year
- Pay-back 3-5 years
- Turnkey project / financing / lighting service delivery

Financing Mechanisms



UN SIDS Conference 9/2014 (Samoa)

A platform to showcase Caribbean Kingdom leadership



at the SIDS 2014 Conference

REPORT

Voluntary Commitments and Partnerships for Sustainable



Tourism is one of the world's fastest growing industries and an important source of foreign exchange and employment for SIDS. The Future We Want outcome document of the Rio + 20 Conference includes commitments related to sustainable tourism under paragraphs 130 and 131. Partnerships in sustainable tourism for SIDS can include such areas as capacity building to promote environmental awareness, conserving and protecting environment, respect wildlife, flora, biodiversity, ecosystems and cultural diversity, and improving the welfare and livelihoods of local communities by supporting their local economies and the human and natural environment as a whole.

LED Lighting: a triple win Environmental, economical and social benefits



- End-users: lower integral costs, user benefits (safety, comfort, wellbeing)
- Environment: lower resource usage, lower emissions
- Economy: improved product & service competitiveness, innovation, green jobs

