



**UNDESA Energy Grant**  
**Seminar on Ensuring Access to**  
**Affordable, Reliable, Sustainable and**  
**Modern Energy for All**

**Ivan Vera**

**Division for Sustainable Development**

**United Nations Department of Economics and Social Affairs**

**Addis Ababa, Ethiopia**

**30 June 2016**



# Seminar Objectives



- 1. To share valuable knowledge among stakeholders**
- 2. To discuss challenges and barriers in the implementation of SDG7**
- 3. To share ideas, build networks and discuss business models**
- 4. To discuss the nexus of energy with other development factors**



## 1. Best Practices and Experiences

Need to disseminate best practices, experiences and lessons learned on sustainable development and in particular in relation to energy

## 2. The Partnership and Programme

Need for advancing implementation of the 2030 Agenda for Sustainable Development through international partnerships

The UNDESA – China Energy Fund Committee Partnership created the UNDESA Energy Grant Programme in 2014

## 3. The Grant

Offers a Grant for One Million US Dollars annually to fund future capacity development activities for the 2015-2019 years.



## **VISION**

**Ensuring access to affordable, reliable, sustainable, and modern energy for all**

## **OBJECTIVE**

**Promoting leadership and innovative practices in meeting the global energy challenges**

## **UNIQUE FEATURE**

**Capacity building**



## 1. Grant Secretariat

Experts in energy and sustainable development, evaluators, professional staff and Directors

## 2. Advisory Council

Members included high-level experts from : WEC, China's Nat Energy Administration, Citizens for Affordable Energy, Univ. Sao Paulo, Thailand Nat Economic and Social Dev Board, TERI, IEA

## 3. High Level Steering Committee

Members included: President GA, President ECOSOC, UN USG ESA, CEFC, Executive Director UNEP, Former UN ASG Central Support Services

## 4. Dedicated website

Electronic submission of applications and for review and evaluations



# 2015 Grant Priorities



**Grant Priority for the first year was the Energy SDG (SDG 7) and its three core targets**

**SDG 7: Ensure Access to affordable, reliable, sustainable and modern energy for all**

- **Target 7.1:** By 2030, ensure universal access to affordable, reliable and modern energy services
- **Target 7.2:** By 2030, increase substantially the share of renewable energy in the global energy mix
- **Target 7.3:** By 2030, double the global rate of improvement in energy efficiency



# 2030 Agenda for Sustainable Development

- **The 2030 Agenda was approved in September 2015 by the UN General Assembly**
- **The main component is a set of 17 Sustainable Development Goals (SDGs) and 169 corresponding Targets to be accomplished by 2030**
- **SDG 7: Ensure access to affordable, reliable, sustainable and modern energy for all**
- **Global Indicator Framework with over 220 indicators to monitor progress on implementation of the 17 SDGs**
- **The UN High Level Political Forum (HLPF) is the central platform for the follow up and review of the implementation of the 2030 Agenda and the SDGs**



# 2015 Online Application System



Website: [poweringthefuture.un.org/applications](http://poweringthefuture.un.org/applications) (limited access)

Username: | Password:

- Available to Advisory Council Members and Grant Secretariat at all times
- Full information on a **total of 222 applications**

## Applications

[Click here to sign out](#)

In alphabetical order (institution/individual).

[SELECTED FOR FURTHER CONSIDERATION](#)
[DEFERRED FOR FUTURE CONSIDERATION](#)

#	CODE	INSTITUTION/INDIVIDUAL	TITLE OF PROJECT PROPOSAL	COMMENT
1	<a href="#">7YHNX92</a>	Chuanfu Wang	Green Products Research and Development & Energy Charity Donation	Nominated by council member
2	<a href="#">T5FRH63</a>	ECO-FUEL AFRICA LIMITED	Taking EFA's already tested inclusive model to scale by increasing our direct production capacity and building capacity to help other entrepreneurs to replicate our model in their local communities	
3	<a href="#">TQBZ0A0</a>	Electricity Regulatory Authority	Least Cost Generation Plan of the Electricity Supply Industry in Uganda	Nominated by council member
4	<a href="#">BC88G59</a>	Masdar	Electric Energy Storage Solutions Hub (EESSH)	
5	<a href="#">FEALQSZ</a>	MicroEnergy International GmbH (MEI)	Scale up of clean energy promotion through microfinance in Ethiopia (CEPM Ethiopia)	
6	<a href="#">LXM2TTA</a>	Nebojsa Nakicenovic	Innovative Energy Systems for a Transformation to a Sustainable Future	Nominated by council member
7	<a href="#">08CZ7SB</a>	Pact Institute	Ahlin Young: Improving Access to Renewable Energy in Rural Myanmar	
8	<a href="#">ASRMC2B</a>	Parhelion Underwriting Limited	Geothermal Development Drilling Risk Insurance	Nominated by council

GO BACK

## Application #7YHNX92 - received 2015-04-29 03:03:57

### CONTACT INFORMATION

Mr. Chuanfu Wang (Male, Chinese, China, 19660615)  
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 Shenzhen  
 Guangdong 518118 China

### PROJECT DETAILS

Title of existing work/project/programme: Mr. Chuanfu Wang is the Chairman and President of BYD, overseeing the general operations and business strategies. He was awarded Star of Asia by BusinessWeek in June 2003, and Lifetime Achievement Winner of Zayed Future Energy Prize 2014.

#### Summary of project

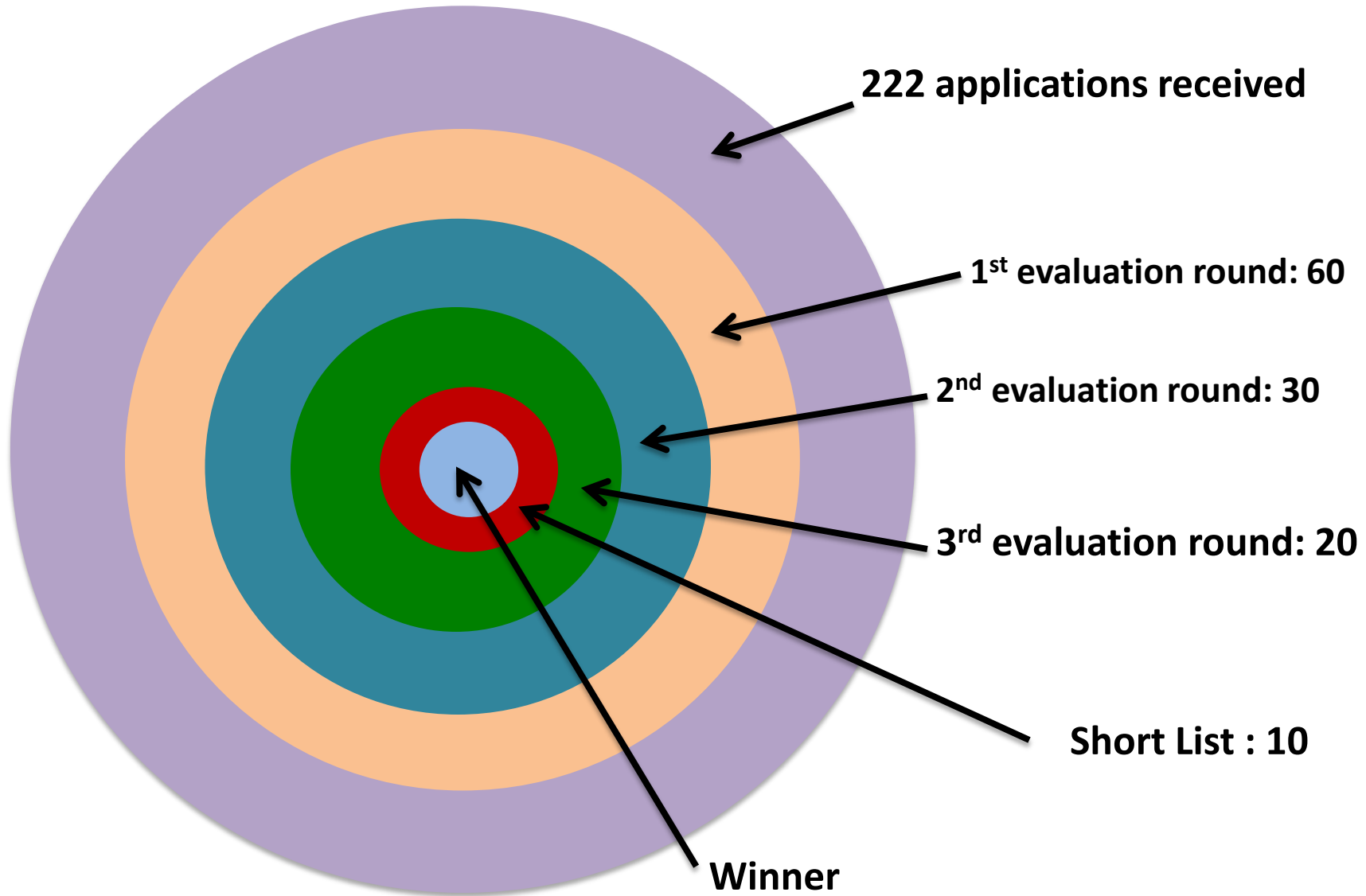
In 2008, BYD first proposed Electrified Public Transportation strategy, committed to providing zero-emissions, superior technology vehicles to help cities become greener and cleaner.

In 2010, BYD supported Shenzhen to become the first city globally to electrify public transportation. Shenzhen won the "C40 & Siemens Cities Climate Leadership Awards 2014" for its innovative business mode by integrating various elements such as BYD's most advanced electric vehicles. Electrified





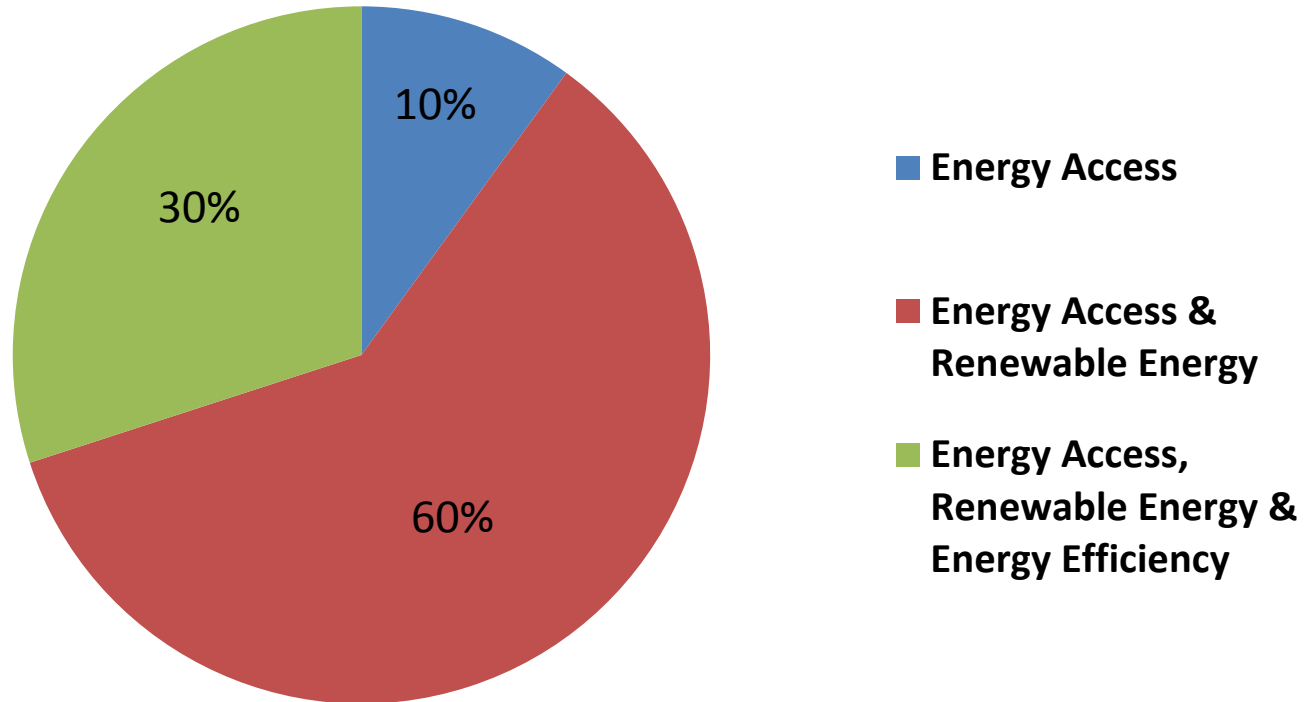
# 2015 Selection Process





# Energy Priorities

## 20 Pre-Selected Applications



**Energy Access:**

**Energy Access & Renewable Energy:**

**Energy Access, Renewable Energy & Energy Efficiency:**

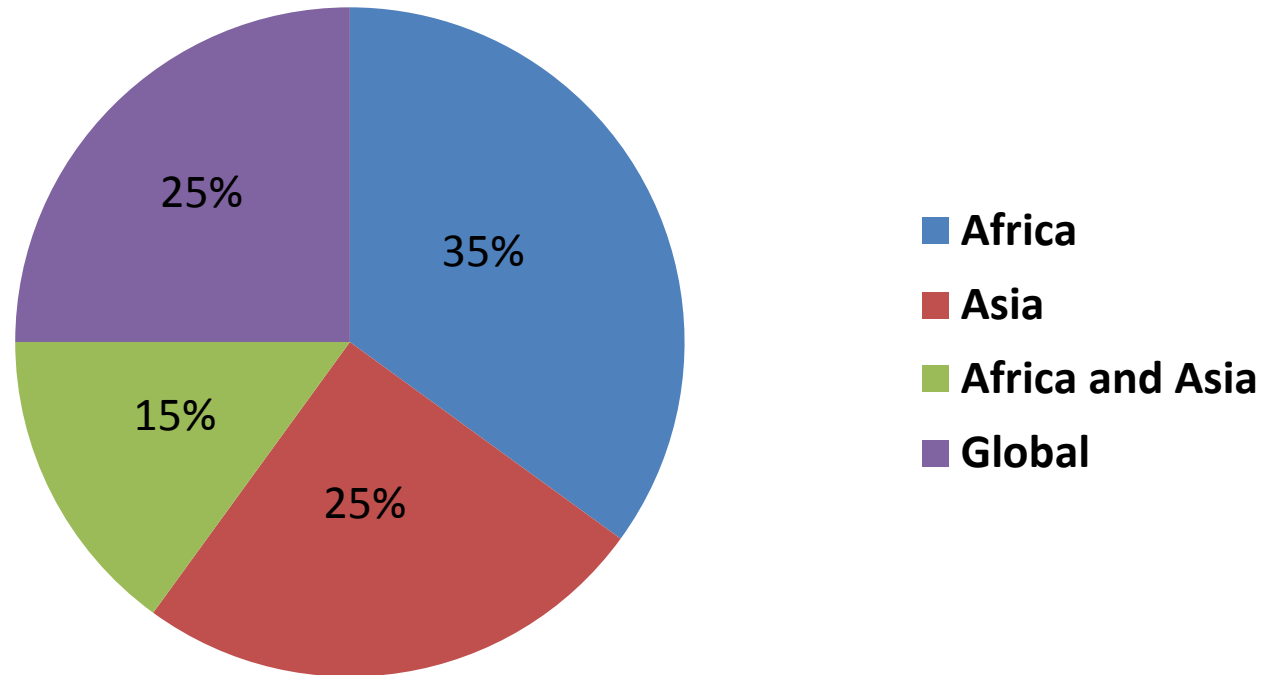
**2 Applications**

**12 Applications**

**6 Applications**



# Regional Distribution: 20 Pre-Selected Applications



**Africa: 7 Applications**

**Asia: 5 Applications**

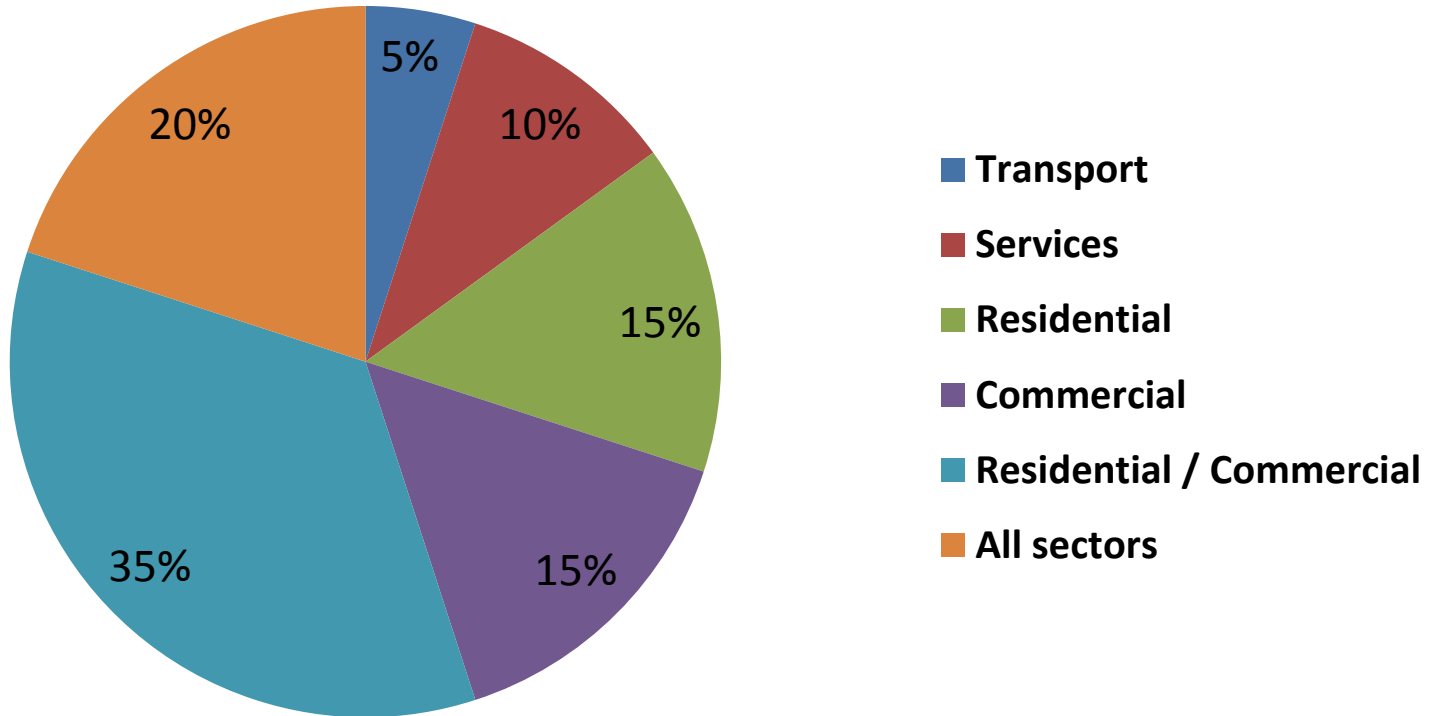
**Africa & Asia: 3 Applications**

**Global: 5 Applications**



# Sectors of the Economy

## 20 Pre-Selected Applications



**Transport:** 1 Application  
**Services:** 2 Applications  
**Residential:** 3 Applications

**Commercial:** 3 Applications  
**Residential/Commercial:** 7 Applications  
**All sectors:** 4 Applications



# 1 Winner, 9 Finalists and 2 Special Mentions



**One Winner: We Care Solar**

## **9 Finalists**

**Eco-Fuel Africa**

**Powerhive**

**Solar Electric Light Fund (SELF)**

**Self Employed Women's Association (SEWA) Bharat**

**MicroEnergy International**

**Village Centre/ CREEC and SERC**

**SolarAid**

**Electricity Regulatory Authority (ERA) Uganda**

## **2 Special Mentions**

**Build Your Dream (BYD) Auto Co – 2015 Special Recognition**

**Masdar – 2015 Special Mention**



# 2015 Winner: We Care Solar

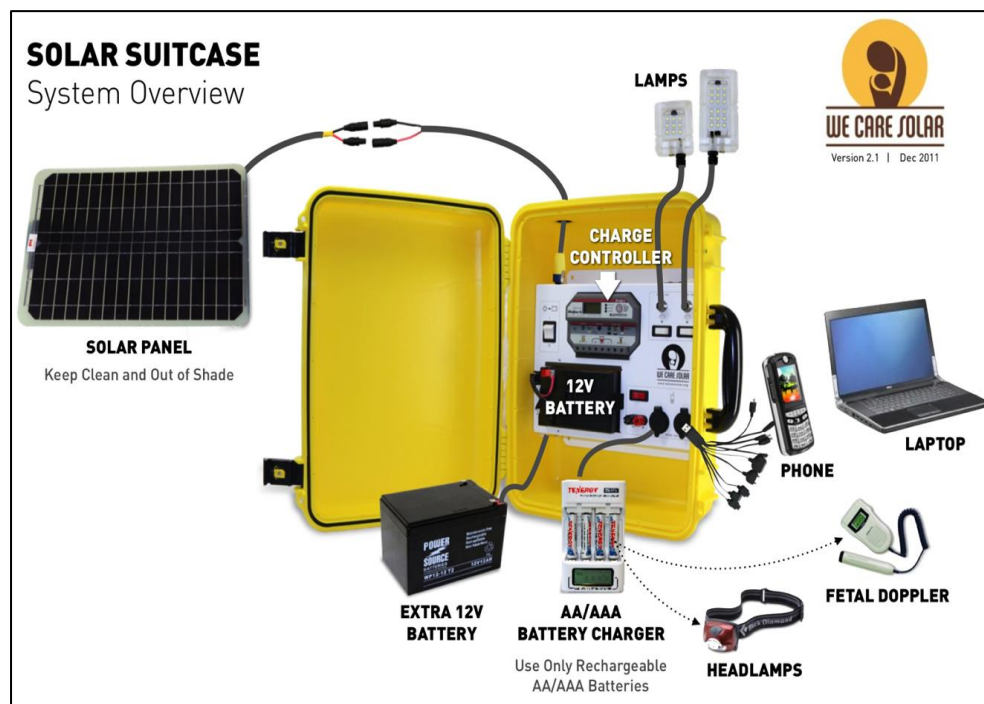


## Proposal: Saving Mothers and Newborns in Childbirth with Solar Power; Scaling to the Next Level

- Based on the Solar Suitcase designed for child birth situations
- A practical and already proven solution to lack of electricity during child birth

### Objectives include:

- Upgrading the solar suitcase technology
- Expanding the outreach programme
- Incorporating remote monitoring





## **2016 UNDESA Energy Grant**

**Thematic Priority:**

**Energy for Sustainable Transport**



## Energy for Sustainable Transport

- 2030 Agenda does not include a Sustainable Development Goal on Transport
- SDG 11 on Sustainable Cities include a target related to Sustainable Transport
- Target 11.2: By 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities and older persons.





# Proposed Criteria



**Based on past and current activities in five categories:**

- 1. Leadership, vision and commitment**
- 2. Improvement in standards of living society at large or particular communities**
- 3. Contribution to sustainable transport**
- 4. International cooperation in energy for sustainable transport and capacity building**
- 5. Promoting the integration of clean energy into sustainable development strategies**

**And future implementation of the Grant under one category:**

- 6. Impact, Sustainability, Monitoring and Implementation**  
It refers to well-defined proposals with built-in mechanisms for implementation, monitoring, evaluation, budget outline and reporting



# 2016 Tentative Timeline



**30 March 2016:** First meeting of the Advisory Council

**April 2016 - June 2016:**

**Mid April** - First meeting of the High-level Steering Committee

**Mid April - Mid July** - Time frame for Applications

**June** - Capacity building activities in follow-up to the 2015 Grant

**Mid July 2016 – September 2016:**

**Mid July - Late July** - Pre-Screening

**Late July** - First Round Evaluation

**Early August** - Second Round Evaluation

**Mid August** - Third Round – Review by DESA senior management at a retreat

**Mid August - Early September** - Validation Process

**October 2016:**

Second meeting of the Advisory Council and of the High-level Steering Committee

**November 2016:**

Grant Award Ceremony



# ***Powering the Future We Want***



***Thank You!***

**Ivan Vera  
Division for Sustainable Development  
UNDESA**

**Addis Ababa, Ethiopia  
30 June 2016**