

# Linking Partnerships to Accelerate Technology Solutions

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**Mission Innovation Stakeholder Workshop**

**Technology Innovation Needs and Opportunities: Off-grid Access to  
Electricity**

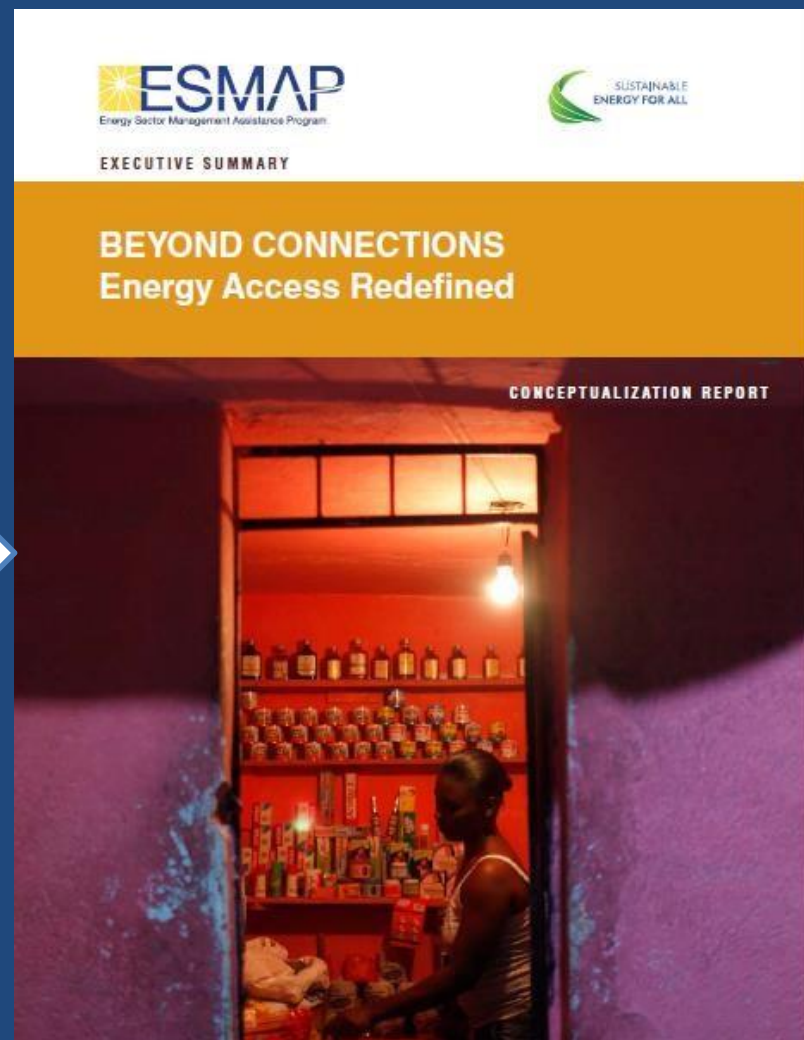
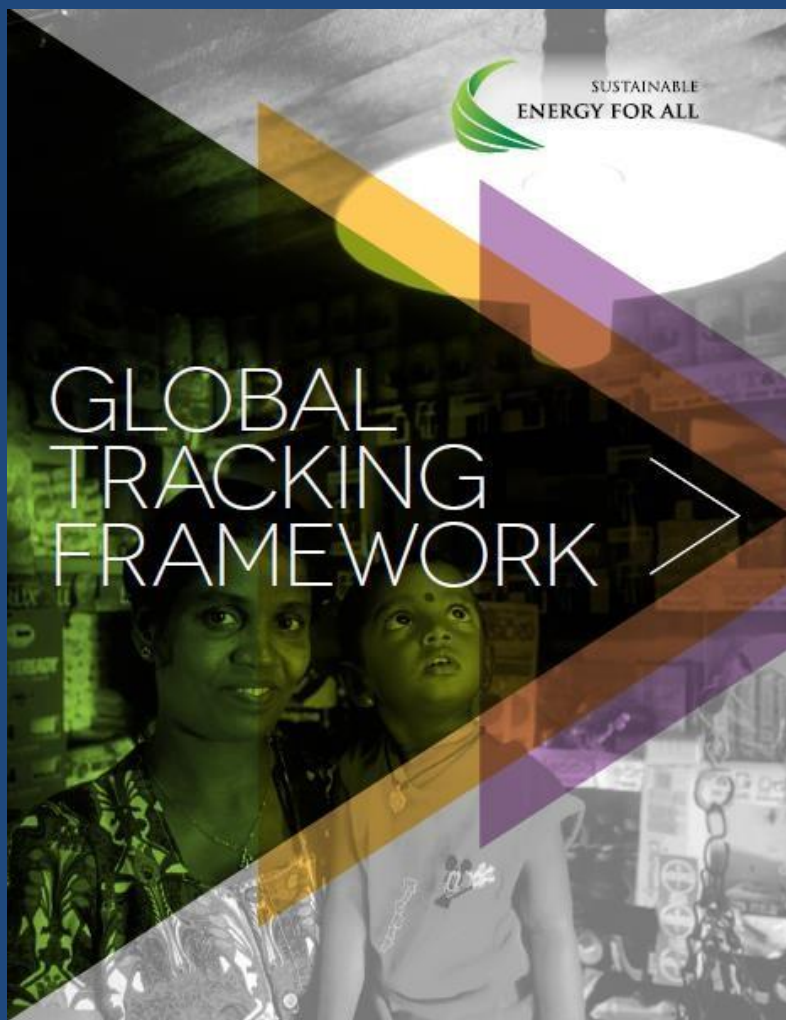
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Mark Radka, Chief – Energy and Climate Branch, UN Environment  
12 July 2017, Paris

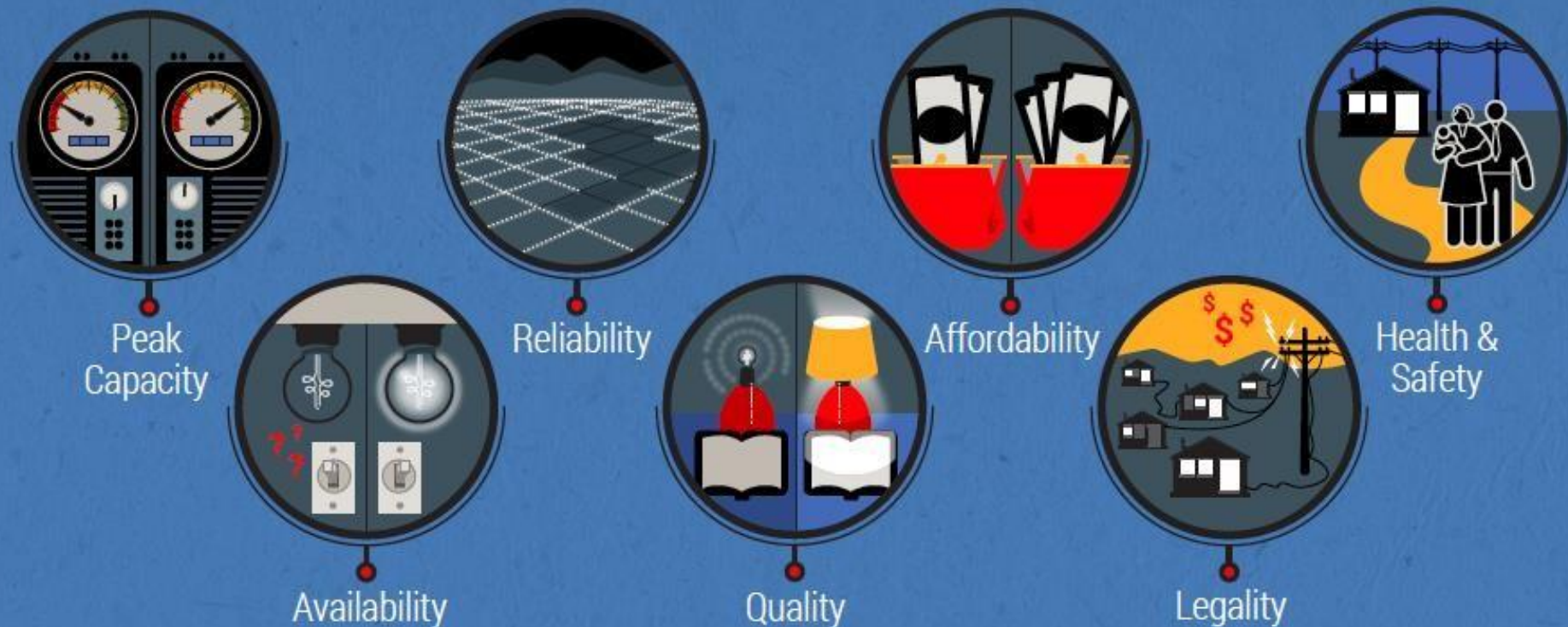
# Global energy access objectives

ENERGY ACCESS	Sustainable Energy for All Objective	Sustainable Development Goal 7
Where to?	<b>Objective</b>  By 2030, ensure universal access to <b>modern <u>energy services</u></b>	<b>Target</b>  7.1. By 2030, ensure universal access to <b><i>affordable, reliable and modern <u>energy services</u></i></b>
	<b>Indicator</b>  <ul style="list-style-type: none"> <li>- Percentage of population with access to electricity</li> <li>- Percentage of population with access to non-solid fuels</li> </ul>	<b>Indicator</b>  <ul style="list-style-type: none"> <li>- Percentage of population with access to electricity</li> <li>- Percentage of population with access to <b><i>clean fuels and technologies at the household level.</i></b></li> </ul>
Adoption Year	2011	2015
Target Year	2030	2030

# From SE4ALL to GTF to MTF



# Measuring access to household electricity

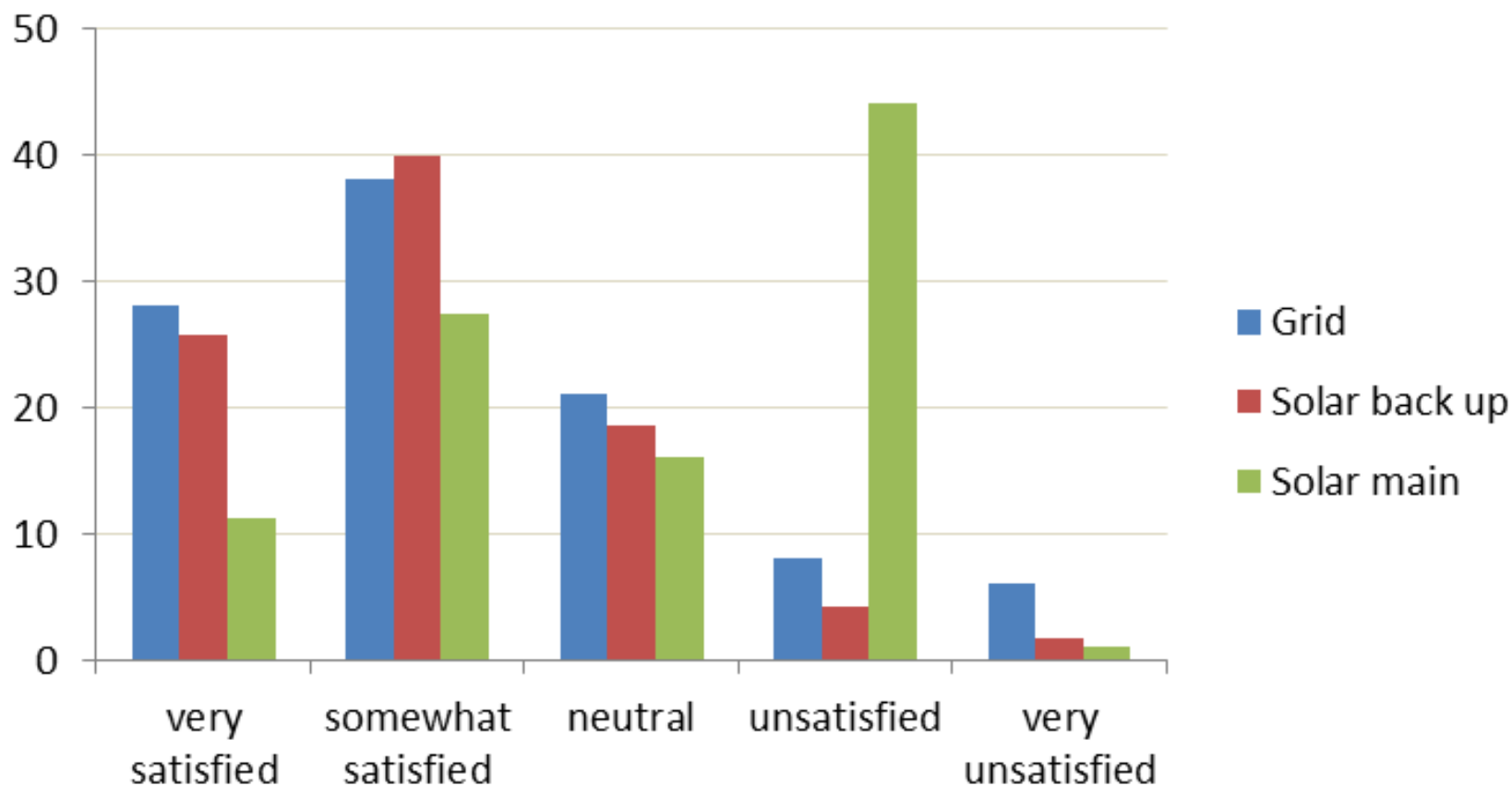


MTF measures electrification via 7 key attributes.

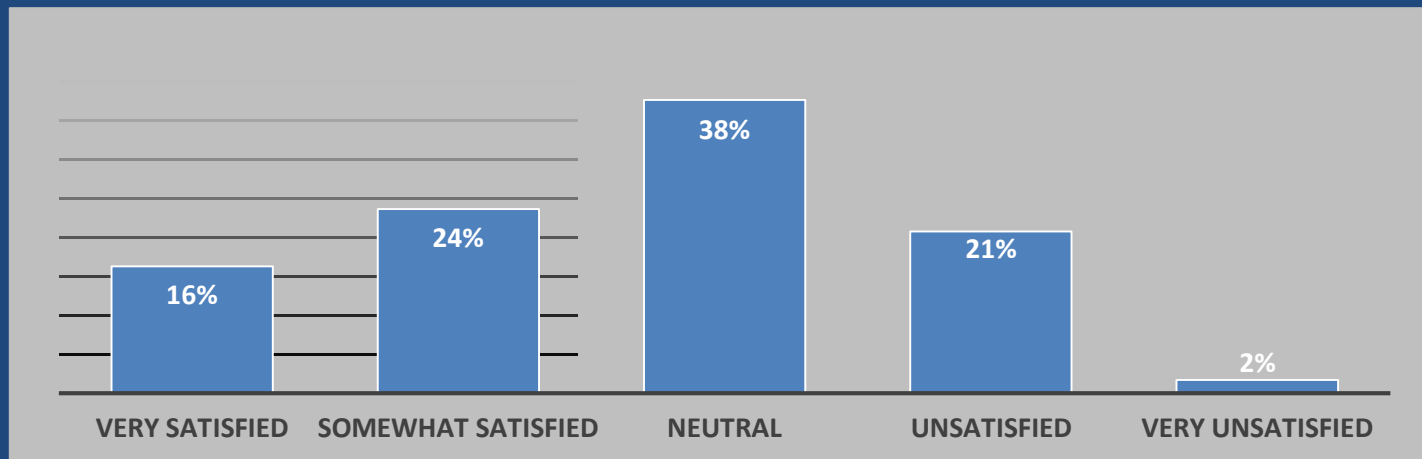
# Low satisfaction for households using solar PV as the main source

Size? Quality?

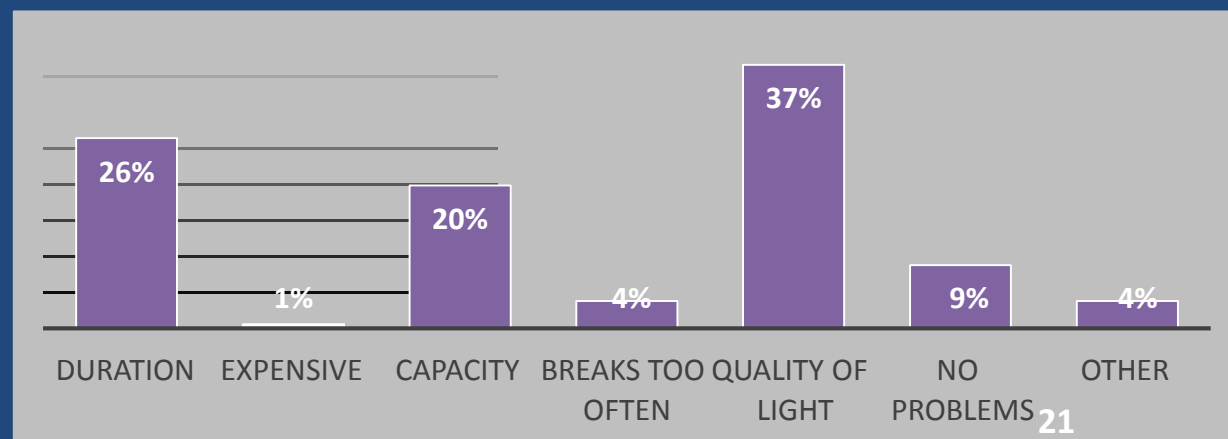
Satisfaction with electricity service (%)



**Q/A: “How satisfied are you with your solar device?”**

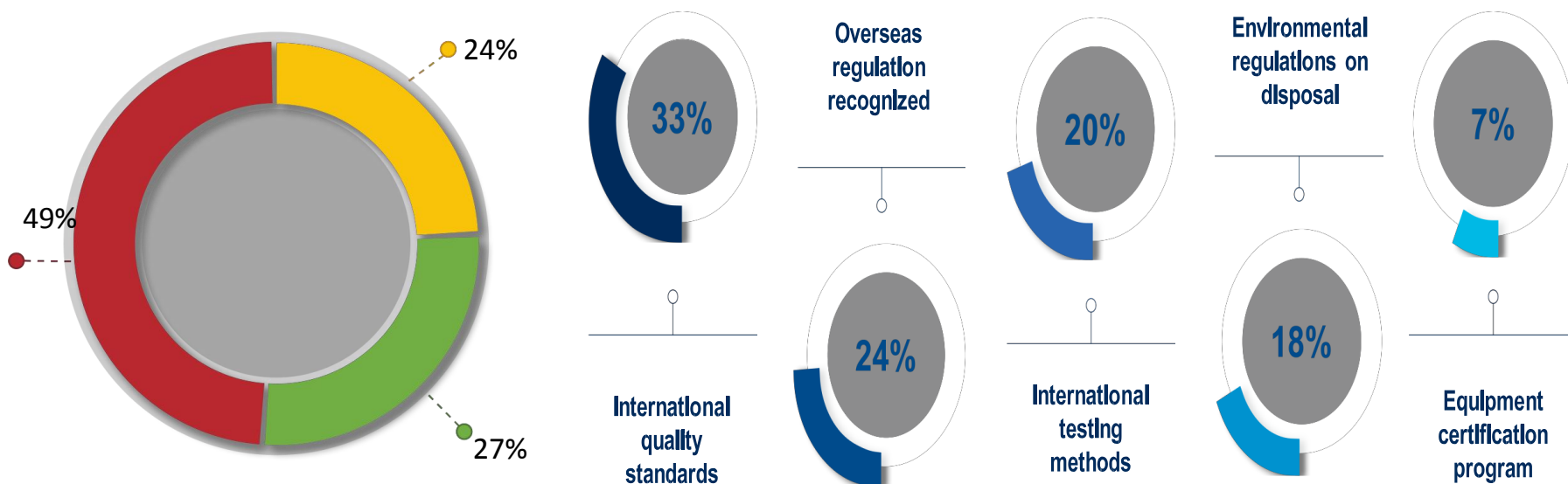


**Q/A: “For Households that are unsatisfied with the service, what are the key issues with solar device?”**





Still a long way to go in creating an enabling environment for stand alone home systems



Source: RISE. Sample includes 55 access deficit countries

# Collective Impact

## Five Conditions for Collective Impact – with elements

COMMON AGENDA	<ul style="list-style-type: none"><li>• A shared vision for a common understanding of the problem</li><li>• A joint approach to solving it through agreed upon actions</li></ul>
SHARED MEASUREMENT	<ul style="list-style-type: none"><li>• Collecting data and measuring results consistently</li><li>• Aligning efforts</li><li>• Hold each other accountable</li></ul>
MUTUALLY REINFORCING ACTIVITIES	<ul style="list-style-type: none"><li>• Projects and activities are differentiated while still being coordinated through a mutually reinforcing plan of action</li></ul>
CONTINUOUS COMMUNICATION	<ul style="list-style-type: none"><li>• Consistent and open communication is needed across the many players to build trust</li><li>• Assure mutual objectives, and create common motivation</li></ul>
BACKBONE SUPPORT	<ul style="list-style-type: none"><li>• Provides strategic direction, facilitates dialogue, manage data collection and analysis, handles communication outreach and mobilize find</li></ul>
MINDSET SHIFTS - Who is involved? - How to work together? - How progress happens?	<ul style="list-style-type: none"><li>• <b><i>Involve all actors, including those with radically different perspectives</i></b></li><li>• Do not underestimate the power of relationships and trust</li><li>• Sharing credit with others is far more powerful than taking credit</li><li>• No single network has the silver bullet – we have to craft it together</li></ul>

### Preconditions for collective impact:

- **Influential champion or champions**
- Sustained and adequate **financial resources**
- Sense of “***urgency for change***” around the issue

Kania, & Kramer, 2011

Hanleybrown, Kania, & Kramer, 2012

Hanleybrown, Kania, & Splansky Juster, 2014