Linking Partnerships to Accelerate Technology Solutions

Mission Innovation Stakeholder Workshop
Technology Innovation Needs and Opportunities: Off-grid Access to Electricity

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<table>
<thead>
<tr>
<th>ENERGY ACCESS</th>
<th>Sustainable Energy for All Objective</th>
<th>Sustainable Development Goal 7 Target</th>
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<tbody>
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<td>Where to?</td>
<td><strong>Objective</strong></td>
<td><strong>Target</strong></td>
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<td>By 2030, ensure universal access to <em>modern energy services</em></td>
<td>7.1. By 2030, ensure universal access to <em>affordable, reliable and modern energy services</em></td>
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<td>Indicator</td>
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<td>- Percentage of population with access to electricity</td>
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<td>- Percentage of population with access to non-solid fuels</td>
<td>- Percentage of population with access to <em>clean fuels and technologies at the household level.</em></td>
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| Adoption Year | 2011 | 2015 |
| Target Year   | 2030 | 2030 |
From SE4ALL to GTF to MTF
Measuring access to household electricity

- Peak Capacity
- Availability
- Reliability
- Quality
- Affordability
- Legality
- Health & Safety

MTF measures electrification via 7 key attributes.
Low satisfaction for households using solar PV as the main source
Size? Quality?
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 | • A shared vision for a common understanding of the problem  
|               | • A joint approach to solving it through agreed upon actions |
| SHARED MEASUREMENT | • Collecting data and measuring results consistently  
|                   | • Aligning efforts  
|                   | • Hold each other accountable |
| MUTUALLY REINFORCING ACTIVITIES | • Projects and activities are differentiated while still being coordinated through a mutually reinforcing plan of action |
| CONTINUOUS COMMUNICATION | • Consistent and open communication is needed across the many players to build trust  
|                          | • Assure mutual objectives, and create common motivation |
| BACKBONE SUPPORT | • Provides strategic direction, facilitates dialogue, manage data collection and analysis, handles communication outreach and mobilize find |

MINDSET SHIFTS
- Who is involved?  
- How to work together?  
- How progress happens?

- Involve all actors, including those with radically different perspectives  
- Do not underestimate the power of relationships and trust  
- Sharing credit with others is far more powerful than taking credit  
- No single network has the silver bullet – we have to craft it together

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