LAUNCH COALITION
ZAMBIA | NORWAY

Electricity Consumption (kWh/person/year)

WELL-BEING (HDI Score)

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DEVELOPING WORLD

1 BILLION +
people without access energy
85% live in rural areas
DANGEROUS

EXPENSIVE

UNSUSTAINABLE
800,000 deaths from kerosene pollution per year

$40 billion wasted annually on poor-quality lighting

190 million tons of greenhouse gas emissions per year
NON-OECD POPULATION AND ENERGY CONSUMPTION

WORLD ENERGY CONSUMPTION QUADRILLION BTU

<table>
<thead>
<tr>
<th>Year</th>
<th>World Energy Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>1990</td>
<td>242</td>
</tr>
<tr>
<td>2000</td>
<td>282</td>
</tr>
<tr>
<td>2010</td>
<td>242</td>
</tr>
<tr>
<td>2020</td>
<td>Projections</td>
</tr>
<tr>
<td>2030</td>
<td>Projections</td>
</tr>
<tr>
<td>2040</td>
<td>Projections</td>
</tr>
</tbody>
</table>

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NON-OECD MEMBER COUNTRIES
SUPPLY
COST REDUCTION
UNIVERSAL ENERGY ACCESS COMPARATIVE COSTS

IEA Estimates

$700 BILLION

POWER4ALL

$70 BILLION

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10% of the cost

HALF the time
CALL TO ACTION
DECENTRALIZED RENEWABLES
PUBLIC SECTOR & GOVERNMENTS
ENERGY CUSTOMERS
PEOPLE GAINING ACCESS TO ELECTRICITY

INVESTMENT

2010-2015

2016-2030

BILLION DOLLARS (2009)

URBAN
RURAL
GRID
OFF-GRID

MILLION

0

200

400

600

800

1000

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**ADDITIONAL GENERATION**
952 TWh

- Rural Grid
- Urban Grid
- Isolated Off-Grid
- Mini-Grid

**ADDITIONAL INVESTMENT**
$700 Billion (2009 Prices)

- Distribution
- Transmission
- Generation
- Isolated Off-Grid
- Mini-Grid

**GRID CONNECTED**
40%

**GRID CONNECTED**
37%

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