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# POWER FOR ALL FACT SHEET:

## Jobs and Decentralized Renewable Energy

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**POWER  
FOR ALL**

**127,000**

SOLAR HOME SYSTEM  
JOBS ALREADY IN  
BANGLADESH

**4.5 million**

JOBS IN DECENTRALIZED  
RENEWABLES BY 2030

**9x more**

JOBS IN SOLAR LIGHTING  
THAN FUEL ALTERNATIVES

### Join the conversation:

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[twitter.com/power4all2025](https://twitter.com/power4all2025)

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**The decentralized renewable energy (DRE) industry is a largely untapped engine for job and business creation.**

### DRE enterprises create jobs

- » Globally, the decentralized renewable energy industry is expected to create at least 4.5 million direct jobs by 2030<sup>1</sup>
- » 38 jobs are created in the solar-lighting industry for every 10,000 lights sold; this part of the sector alone could create 2 million jobs<sup>2</sup>
- » In contrast, the entire fuel-based lighting sector only enables 150,000 jobs<sup>3</sup>; 9 times fewer
- » Bangladesh's solar home system industry has already created 127,000 direct jobs<sup>4</sup>, while India's employs 72,000 people<sup>5</sup>
- » An additional 50 to 100 percent more jobs are created indirectly for each direct job in the decentralized renewables industry<sup>6</sup>

### Clean energy access leads to growth in the wider economy

- » Reliable, affordable and rapidly available power from DRE boosts output for small to medium sized enterprises (SMEs); in Africa SMEs account for 80 percent of employment<sup>7</sup>
- » Mobisol estimates that 15,000 of its customers who use their systems for business create around \$5 million per year in additional income<sup>8</sup>, while solar mills in Zambia are expected to create 3000 jobs<sup>9</sup>
- » In India 70 percent of micro-businesses signed up to mini-grid services reported an increased number of customers, and 80 percent plan to expand their business because of access to reliable energy<sup>10</sup>

### Share the Message

Electricity is a vital enabler of jobs and businesses. With millions of young people joining the workforce each year, reliable access is ever more urgent. Join Power for All and share these messages:

- » Decentralized renewable energy creates far more jobs than traditional energy
- » Decentralized renewable energy provides a fast and affordable way to power businesses and economic growth
- » To boost employment and enterprise it is vital to fast-track the expansion of decentralized renewable energy solutions

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### Sources:

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7. World Economic Forum, Why SMEs are key to growth in Africa (2015)
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9. Energy Matters, Solar Powered Hammer Mills Arrive In Zambia (2015)
10. Rockefeller Foundation, Sankalp Forum (2016)