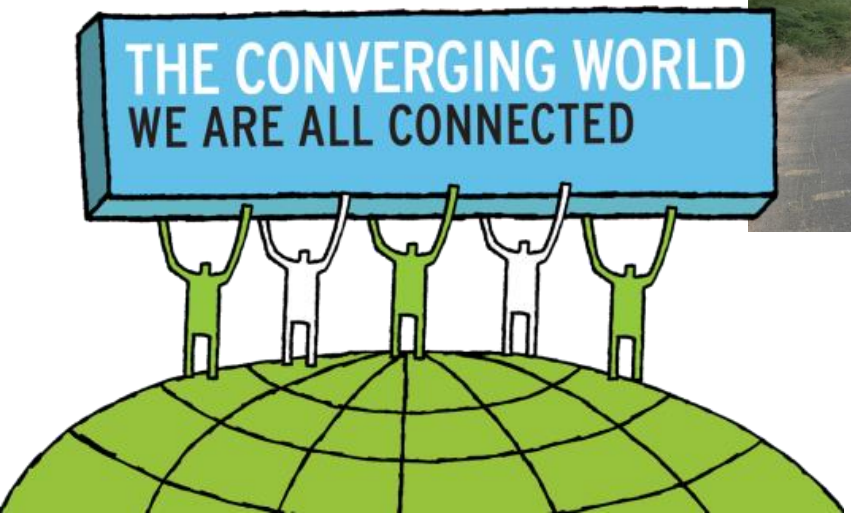
# *The Converging World*

## Supporting sustainable communities

‘Power to the People’

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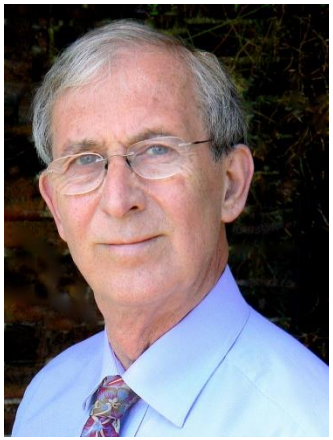
# The Converging World Story – From Old to New



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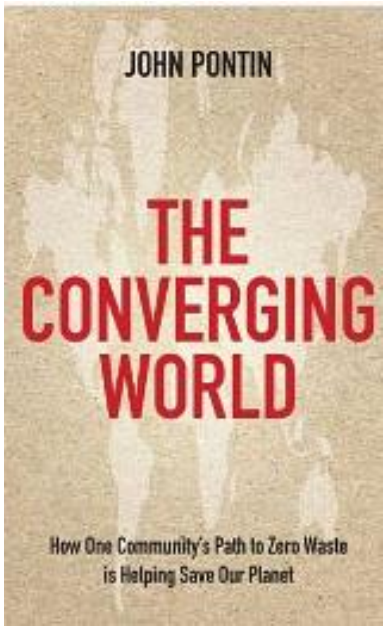
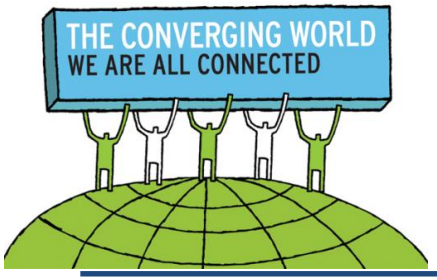
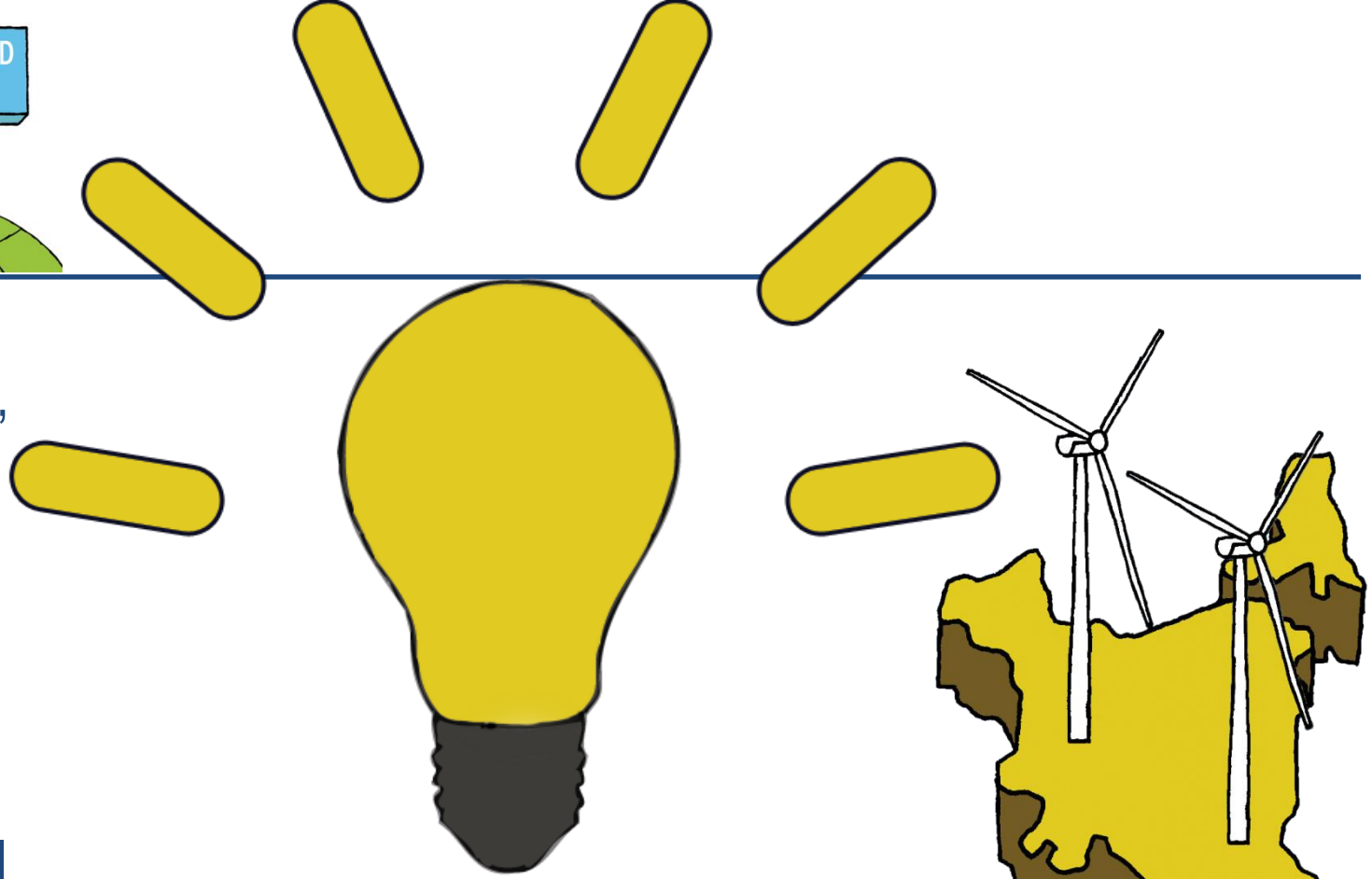
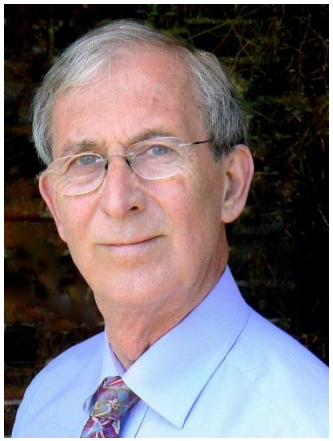



John enacting the role of William Shipley
An 'US' community




John had an idea to' invest' in wind farms and use the funds to support social and environmental initiatives from the sale of electricity





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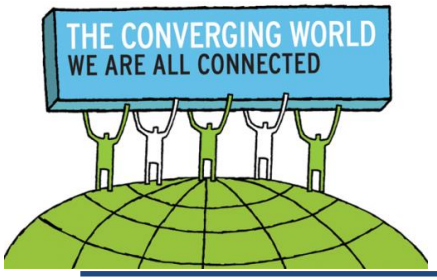
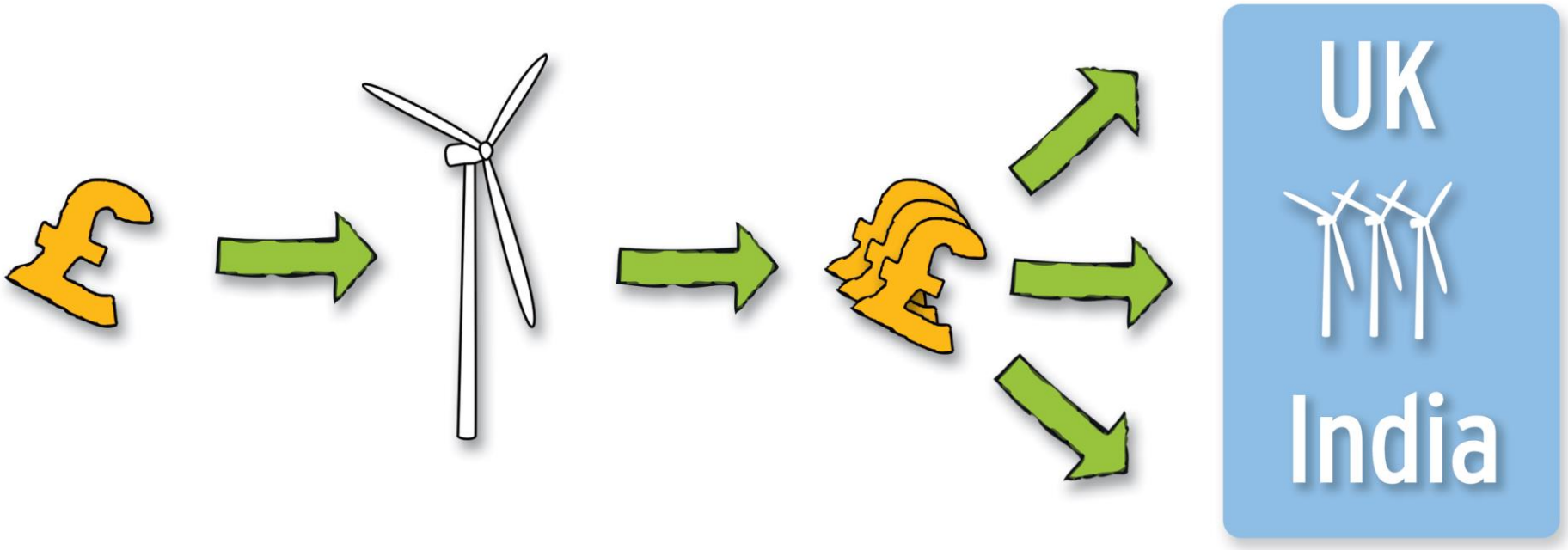



# The Big Idea




We are linking different communities in the UK with communities in India to work on tackling climate change and converging on One Planet Living

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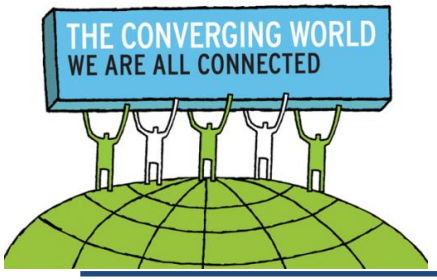
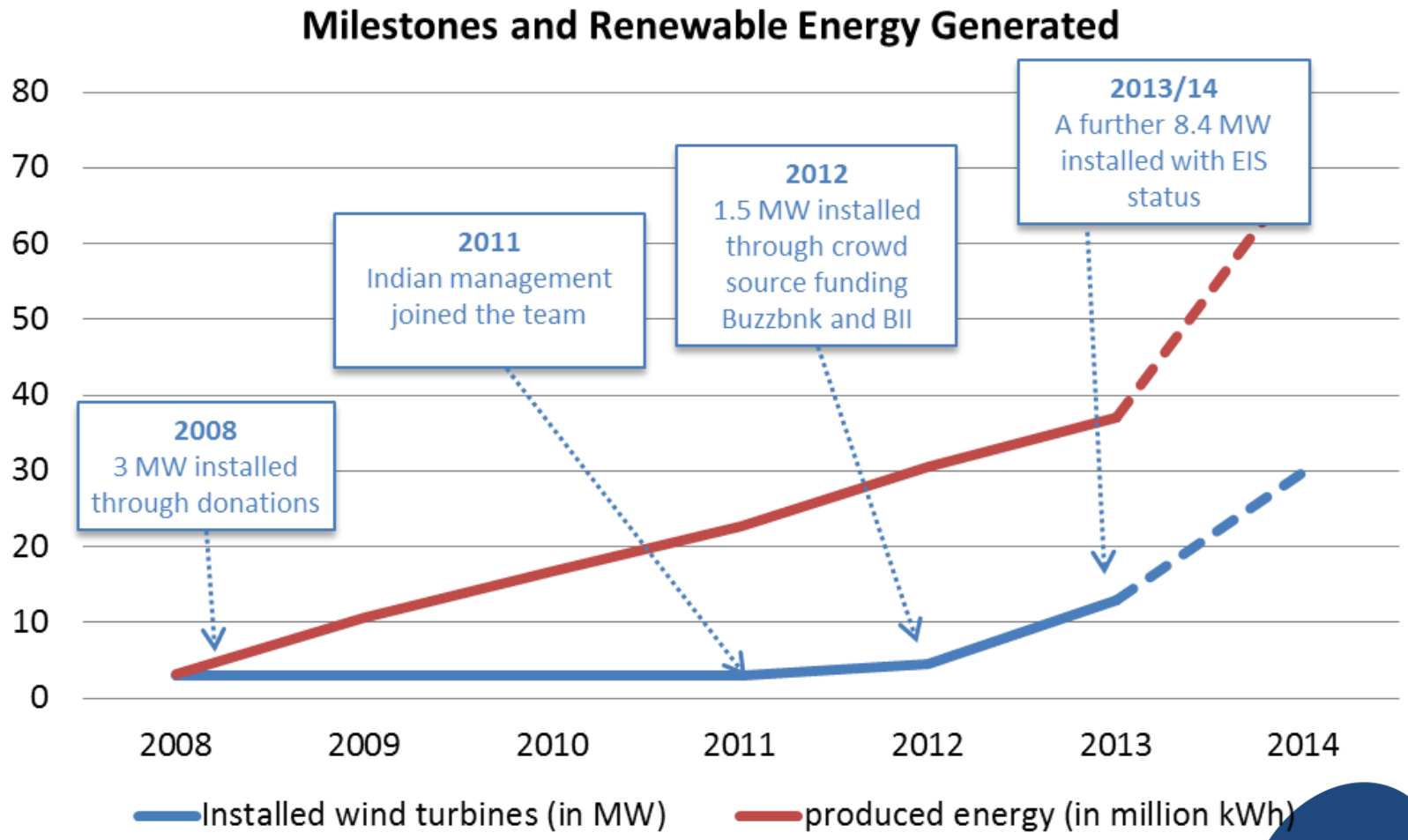



# The story so far




Our target is 200MW over the next 3-5 years

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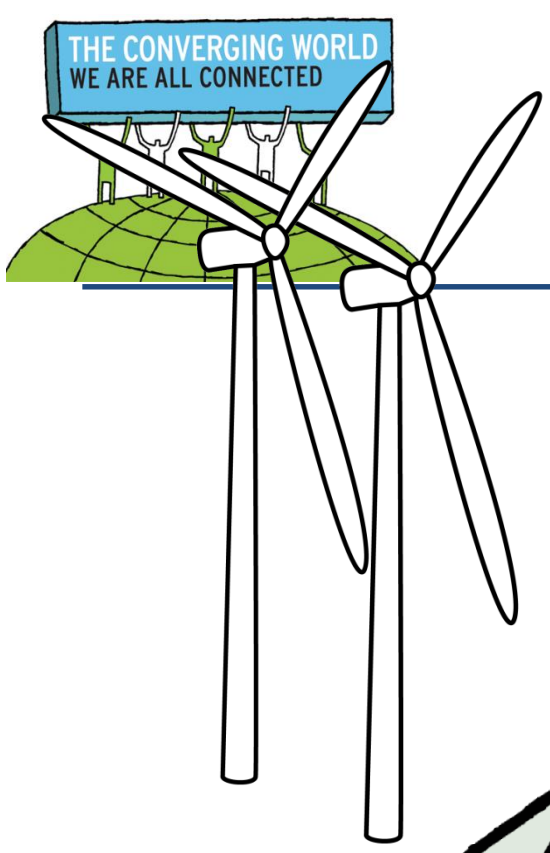


Clean energy generated to date +70 million kWh

£ £ £

$CO_2$ emissions avoided +60,000 tonnes

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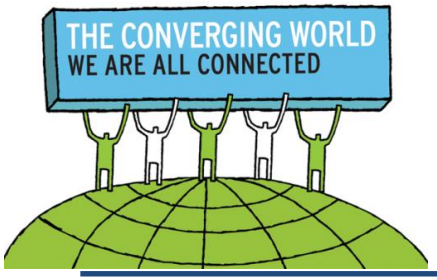


# Social returns on Investment

| SROI % is calculated using social cost of carbon £35/tCO2, £1/m^3 of water and actual £ directed to SEF | | |
|---|---|---|
| Avoided water when compared to Coal as per UN guidelines | | 702% |
| Avoided CO2 as per UN guidelines and using Social Cost of Carbon | | 196% |
| Funds for programmes (Socio-Env Fund (SEF)) | | 238% |
| | *Total* | 897% |
| | *Equivalent return pa* | 45% |

This SROI does not include all the social benefits that come from how we spend the surplus funds.

SROI is much greater than reflected here

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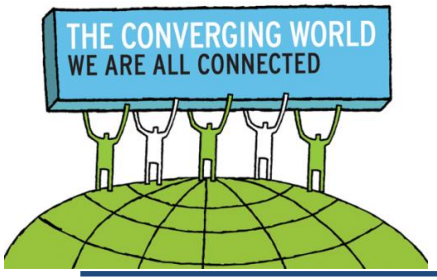
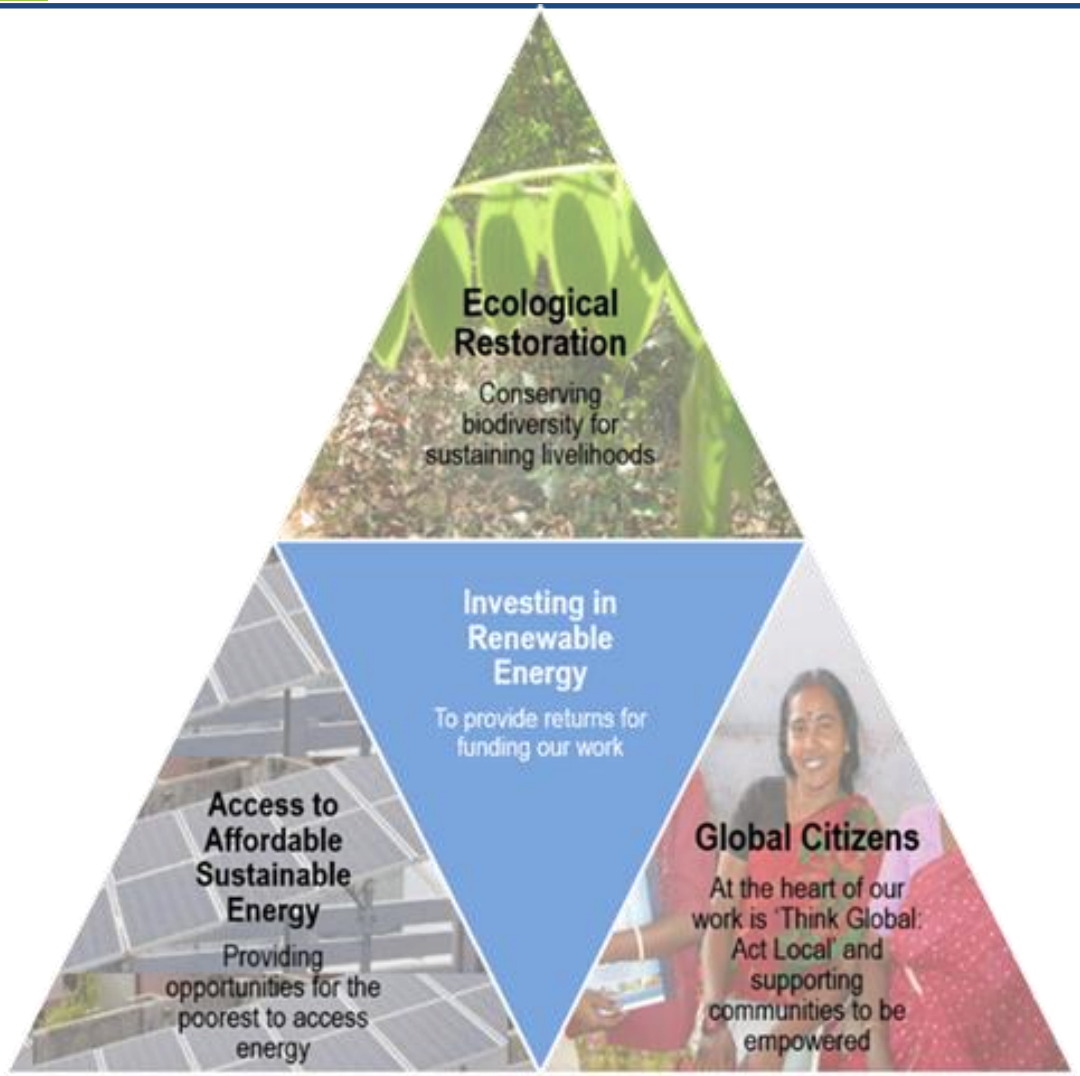



# Charitable Programmes

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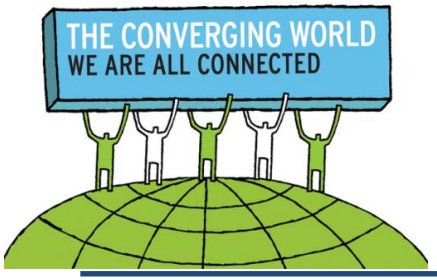


# Access to affordable sustainable energy

- Low Carbon Development for Indian States
- Solar villages
- District wide owned community energy
- Solar villages
- 9 other states interested
- Cook stoves
- Solar installation at an orphanage

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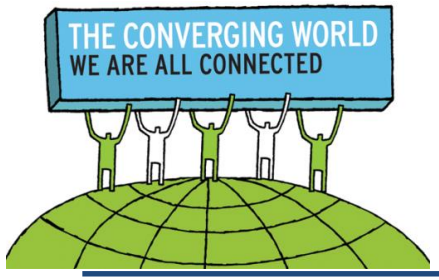


# Challenges in India for renewable energy development

- Finance – cost is high 12%-13%
- Infrastructure needs more investment
- Enforcing incentivised frameworks – ROC's (REC's)
- Interstate selling
- Navigating bureaucracy

# Challenges in India for community renewable energy development

- Regulations do not allow for selling back to grid
- Feed in tariff only recently come in, in very few states
- Community ownership through sweat equity limits ownership, working through what the best model is
- Green bling versus other pressing needs – does it improve well being?

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# Today

# *THANK YOU* *The Converging World*

Supporting sustainable communities……Together


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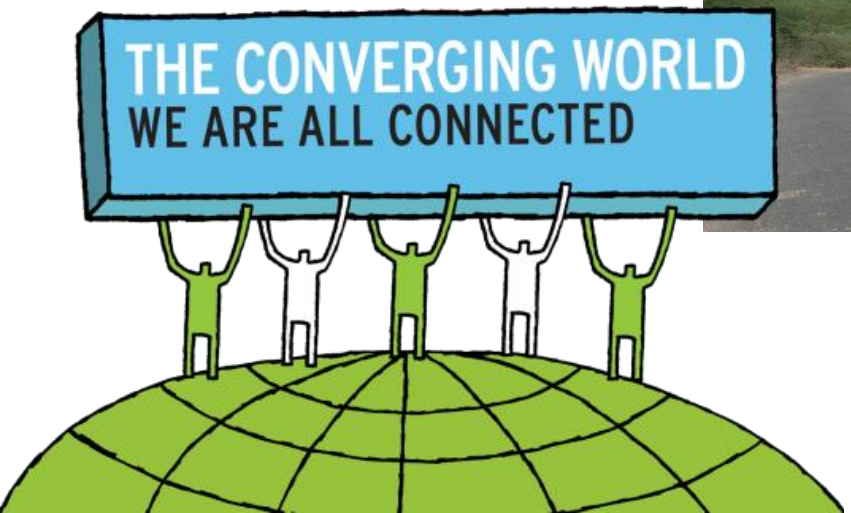
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