

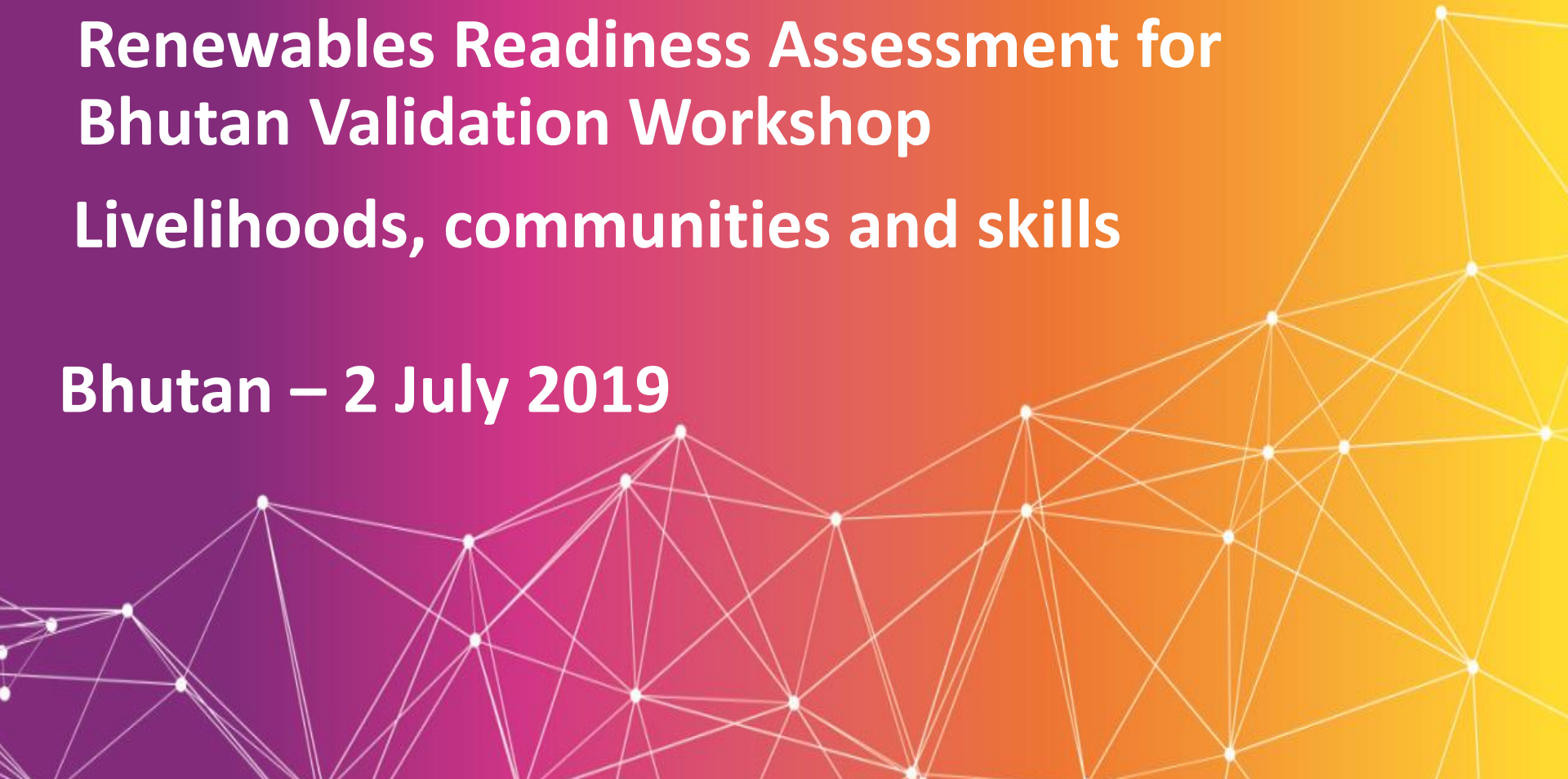
**LabourNet**

*Enabling livelihood...*

# Renewables Readiness Assessment for Bhutan Validation Workshop

## Livelihoods, communities and skills

### Bhutan – 2 July 2019

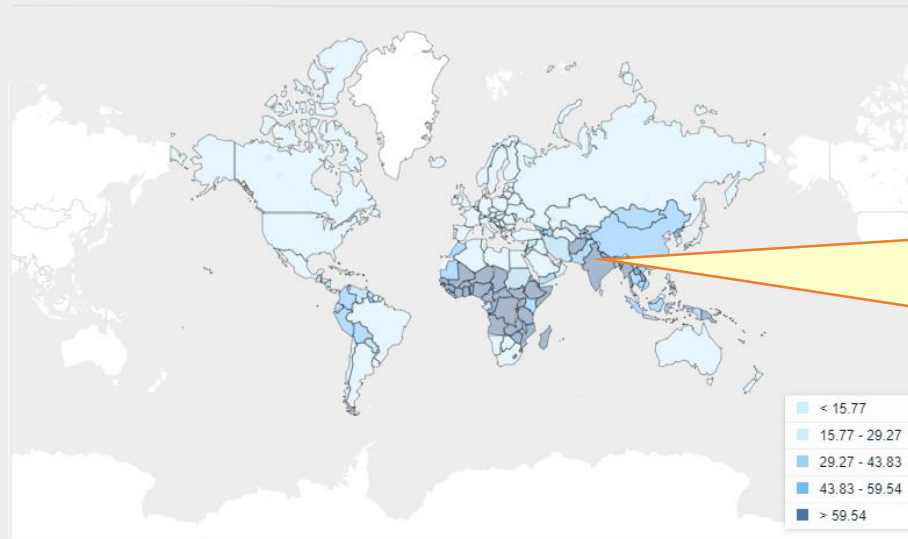


**LabourNet journey so far.....**

In India, unemployment rate is ~6%

However, more than 60% of the working population  
(~300 million) **earn less than \$3 a day**

**Vulnerable Employment**  
(as % of working population) >>>



### India

**Working population:**  
~500 mn

**% of extreme and moderate poor workers:**  
>60%

**% of vulnerable employment:** ~80%

Sources: ILO model estimates (2018);  
Periodic Labour Force Survey (July, 2017 – June, 2018)

## Only **5% of India's workforce is formally skilled** – through technical/vocational programs

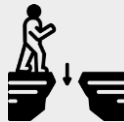
**Employers** have vacancies and are willing to pay premium for the right skills



**>50%**

Indian employers feel that 'skill-shortage' is the primary cause of entry-level vacancies

**Candidates** do not find jobs easily and feel their education is not job-oriented



**>45%**

Indian youth feel that their post-secondary studies do not improve their employment opportunities

**Education providers** are unable to align education with employment



**>45%**

education providers, could not correctly estimate the placement of their students after education

# To bridge the workforce gaps, LabourNet integrated **Education, Employment & Entrepreneurship** driving social and business impacts



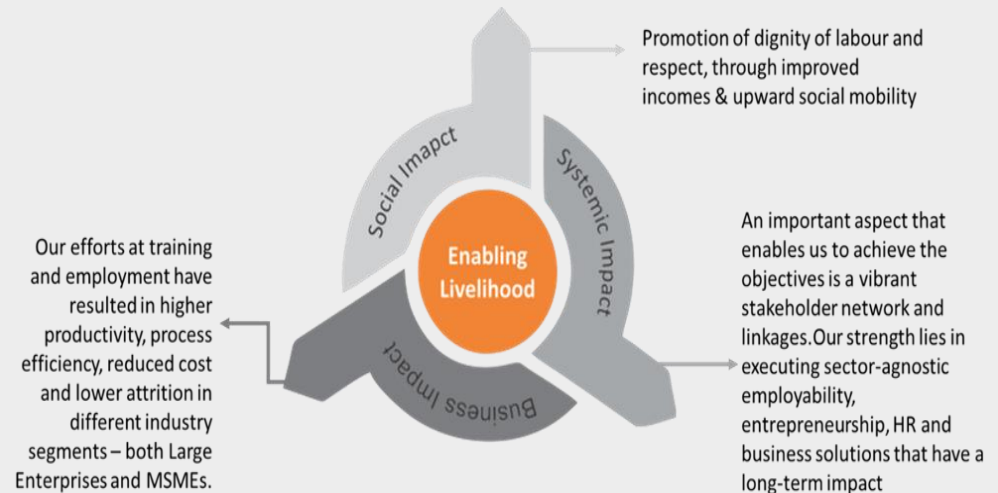
## Vision

To Enable Livelihood of Informal sector

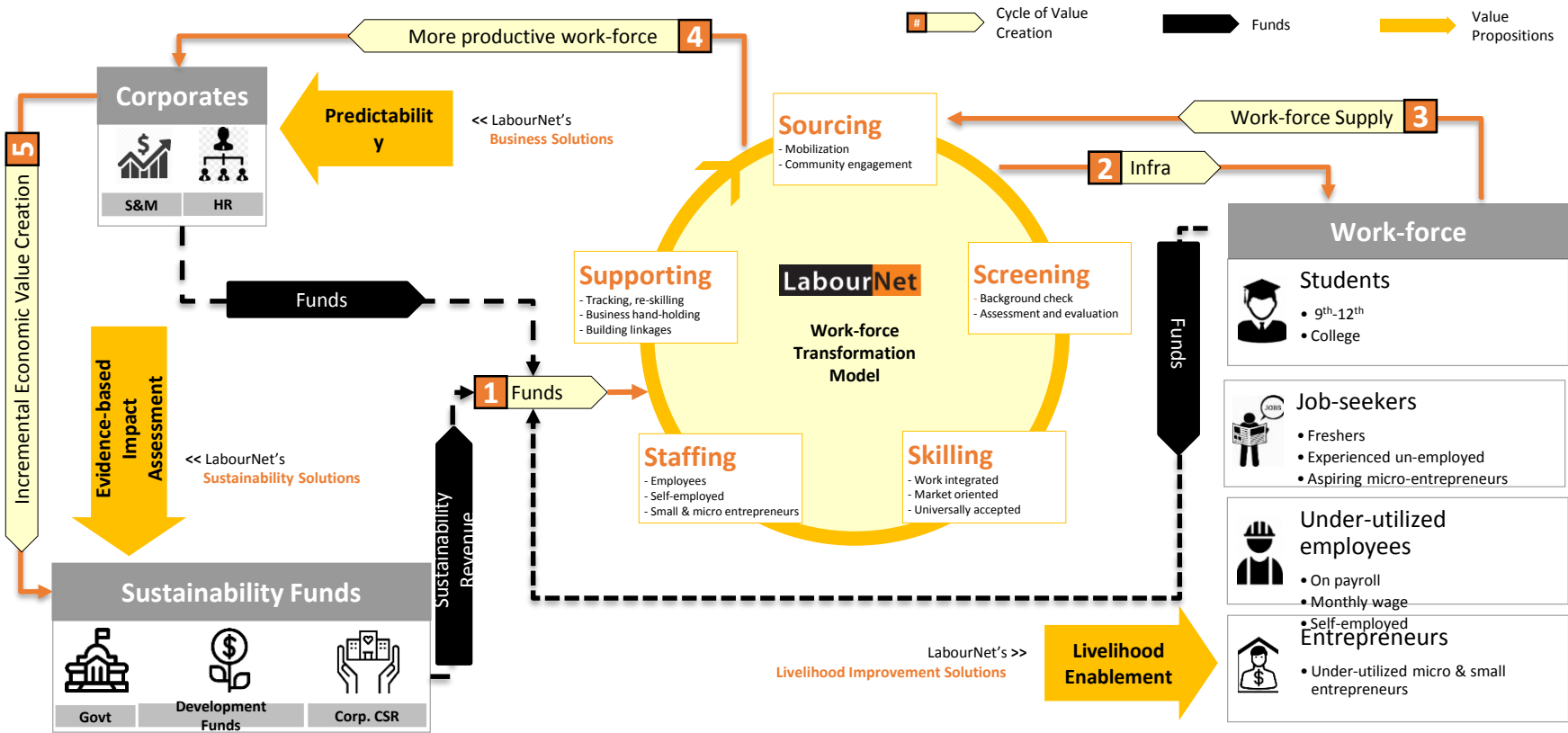


## Mission

To improve the real income of 10 million individual in the informal sector by 2022 through sustainable intervention Education, Employability & Entrepreneurship



# Our holistic **Work-force Transformation Model**, allows us to tap multiple opportunities...



Since 2011, LabourNet has **trained more than 1 million** people and **placed more than 60%** of them

 **~100**  
livelihood centres

 **5,000+**  
training sites

 **800+**  
schools

 **12,000+**  
PIN Codes covered (out of ~19,000 PIN Codes in India)

 **2,000+**  
corporate relationships

 **7,000+**  
entrepreneurs incubated

## The **eco-system** is rapidly evolving, creating new opportunities...



Rise of micro-entrepreneurship and gig-economy



Value chains are evolving from linear model to aggregator model



Opportunity spectrum is shifting towards lower end of pyramid- small enterprises



Impact of digital revolution



## But we need to overcome **challenges**



Capacity building of entrepreneurs not envisioned as skill development by funders



Highly data deficient sector, making impact assessment extremely difficult



Statutory eco-system unable to foster new workforce trends



Integration of technology at operational level

## **Building up Renewable Energy ecosystem**

Lack of **skilled manpower** pose biggest challenge in RE



**Manufacturing**  
*Moderately available  
skilled manpower*



**Installation &  
Commissioning**  
*Available but with poor knowledge*



**Operation &  
Maintenance**  
*Highly Inadequate*



**After Sales  
Service**  
*Highly inadequate*

## Four pronged approach to address the foreseen challenge

### **A** Parallel Capacity Building

*Thorough research on estimate of workforce requirement in each geography as per expansion plan  
Breakup of workforce with respect to job role*

### **B** Upskilling & Reskilling

*Skill assessment program followed by Bridge training program  
Use of technology for discovering part time job opportunities*

### **C** Integrate Decentralized Renewable Energy with existing training program

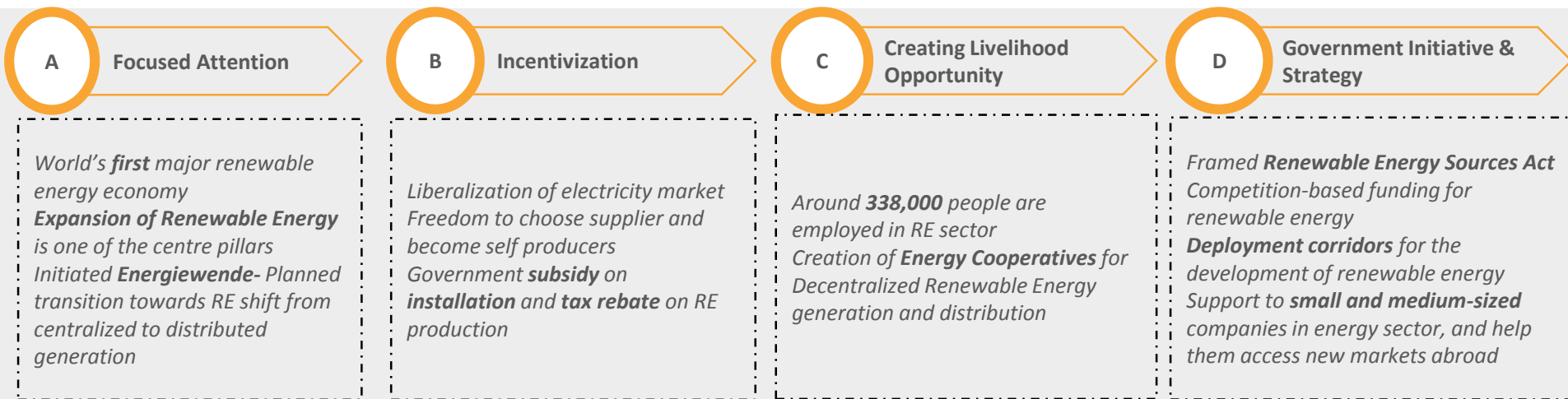
*Use of school, colleges and technical institutes etc. by incorporating DRE courses  
Involving district and village development agencies for training expansion*

### **D** Enable entrepreneur support network

*Create entrepreneurial opportunity  
Incubation support to entrepreneurs such as capacity building, finance, backward & forward linkage .*

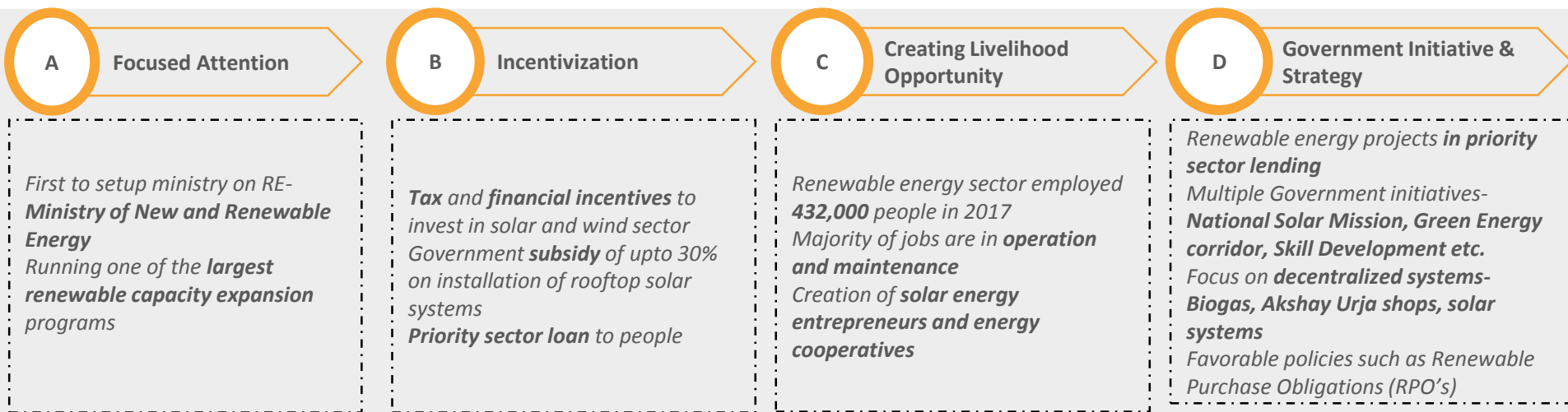
## Best Practices case study

# Successful and evolving Renewable Energy landscape in Germany



<https://www.statista.com/statistics/809462/renewable-energy-employment-germany/>  
[http://www.pes.eu.com/assets/misc\\_dec/country-focus-germany.pdf-006316769851.pdf](http://www.pes.eu.com/assets/misc_dec/country-focus-germany.pdf-006316769851.pdf)  
<https://www.bmw.de/Navigation/EN/Home/home.html>

# Successful and evolving Renewable Energy landscape in India



<https://www.indiaspend.com/renewable-energy-sector-employed-432000-indians-in-2017-up-12-from-2016-2016/>  
<https://www.ibef.org/download/Renewable-Energy-Report-June-2018.pdf>  
<https://mnre.gov.in>

