



Ensuring Access to Clean Cooking Solutions

By

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India

**4th IEF OFID SYMPOSIUM
ON ENERGY POVERTY**

Energy Poverty in Sub-Saharan Africa: Options for Closing the Gap

2 - 3 MAY 2019 | CAPE TOWN, SOUTH AFRICA

A Joint IEF – OFID Event



Hosted by Government of South Africa

Energy Poverty

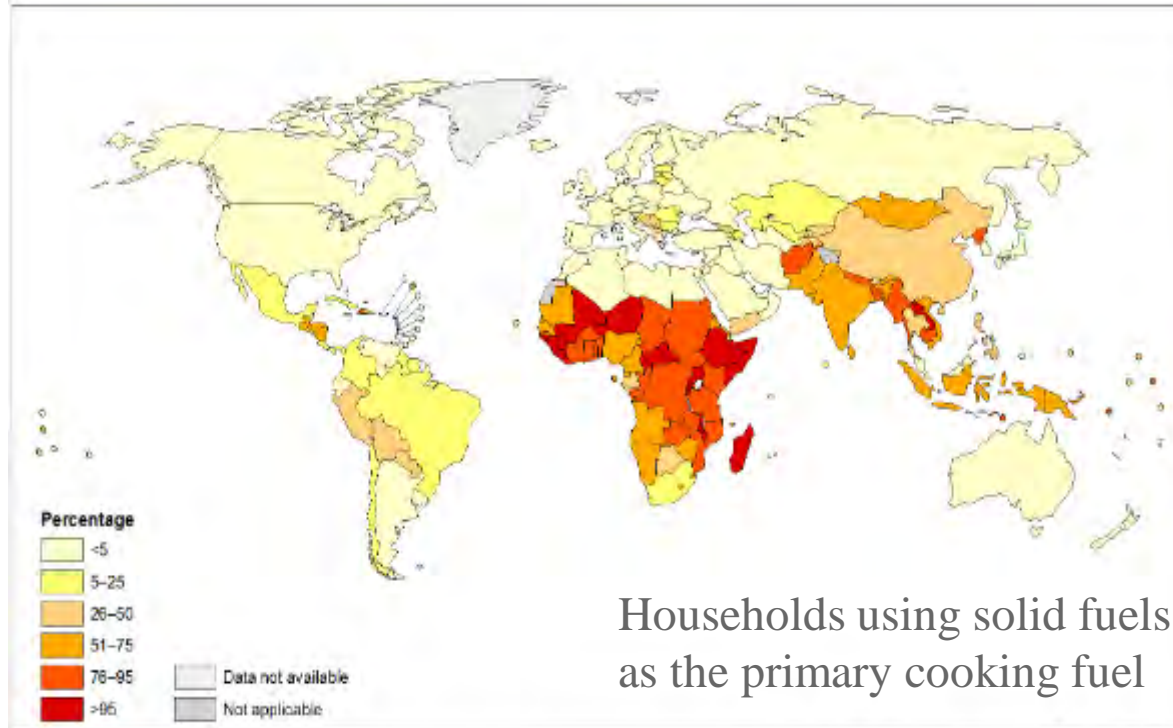


- Energy poverty is a terrible problem for those who face it
- It stands in the way of better health, better education, and better jobs.



⚡ Development experts increasingly agree that there is no way to end extreme poverty without making energy access **UNIVERSAL**.

Energy Poverty Across The World

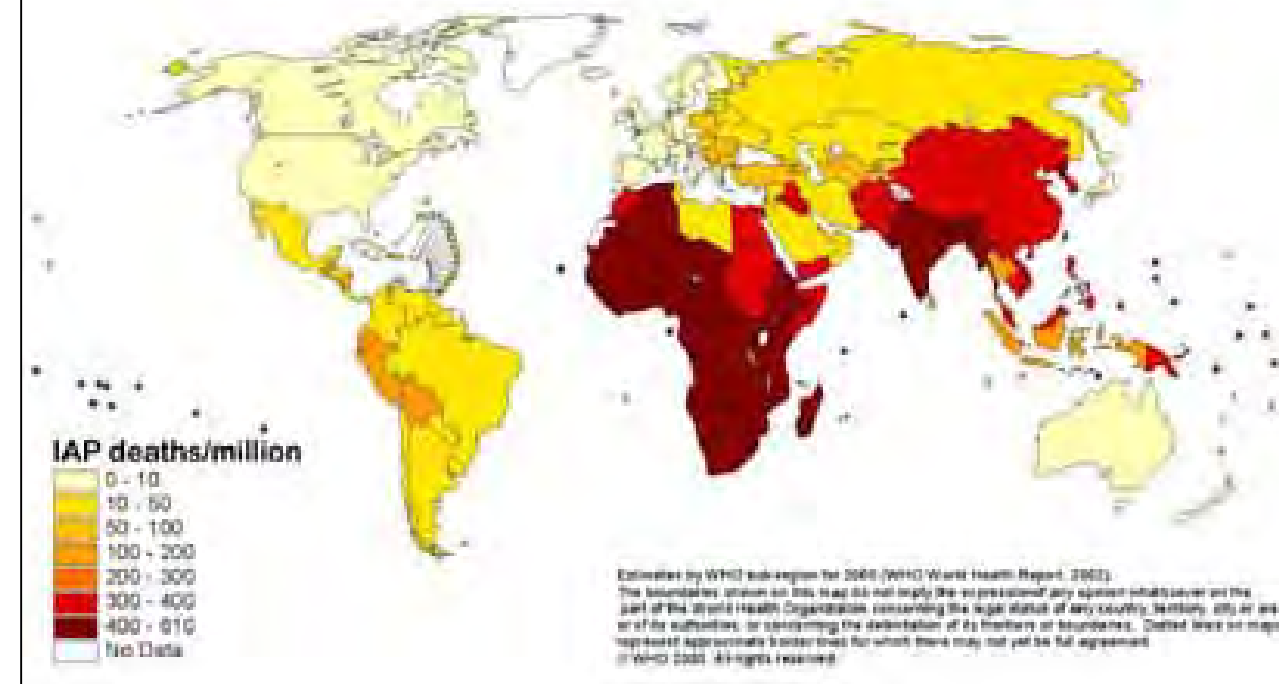


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Data Source: World Health Organization
Map Production: Public Health Information
and Geographic Information Systems (GIS)
World Health Organization

 World Health
Organization
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Deaths from indoor smoke from solid fuels

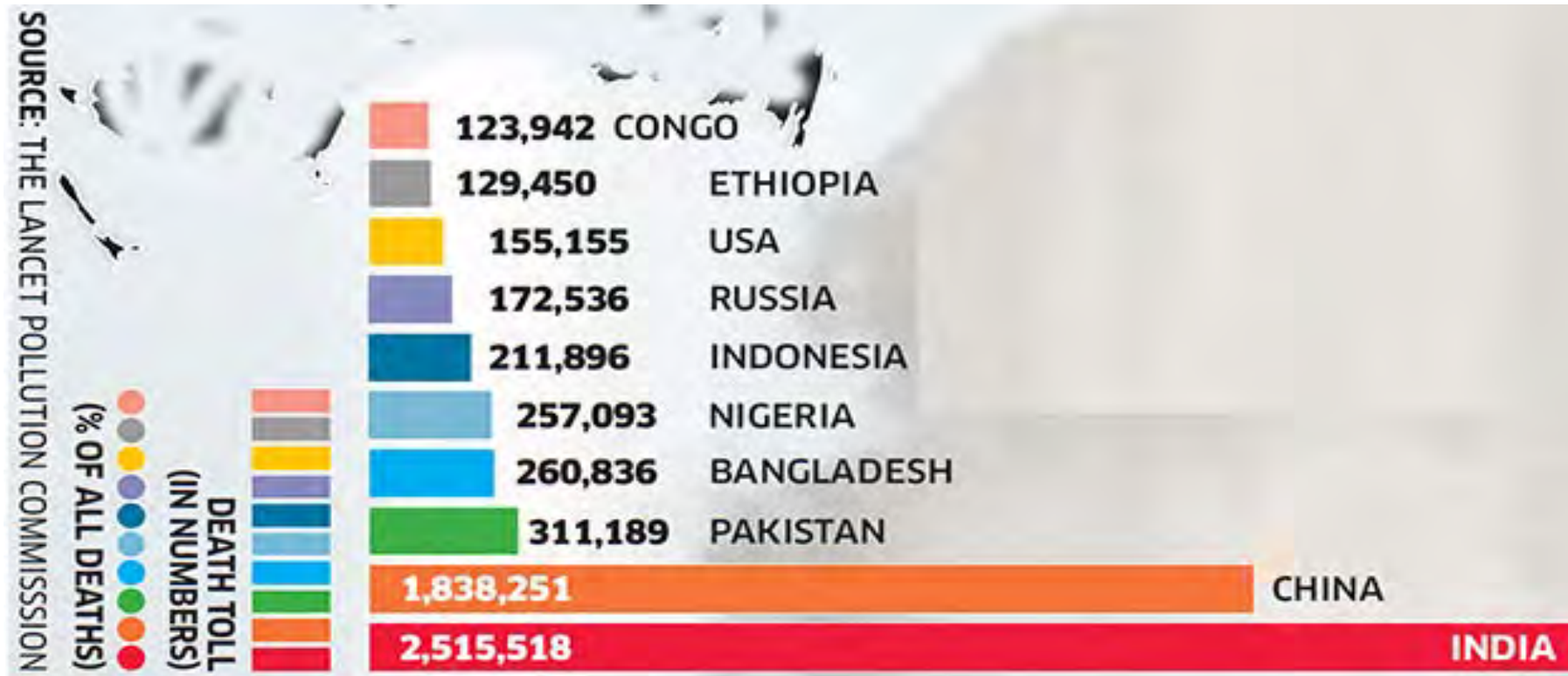


There is a direct correlation between usage of solid fuels and deaths from indoor pollution

An Air of Gloom

According to a report by the Lancet Commission on Pollution and Health, **India tops the world in pollution-related deaths, accounting for 2.5 million of the total 9 million worldwide in 2015.**

Deaths due household air accounts for **2.9 % of the total deaths** caused due to Air Pollution.



Cooking Without LPG in India



Wood



Kerosene



Cow-dung



**Charcoal &
Coal**

Need For Transformation

Eliminating health hazards of conventional fuels

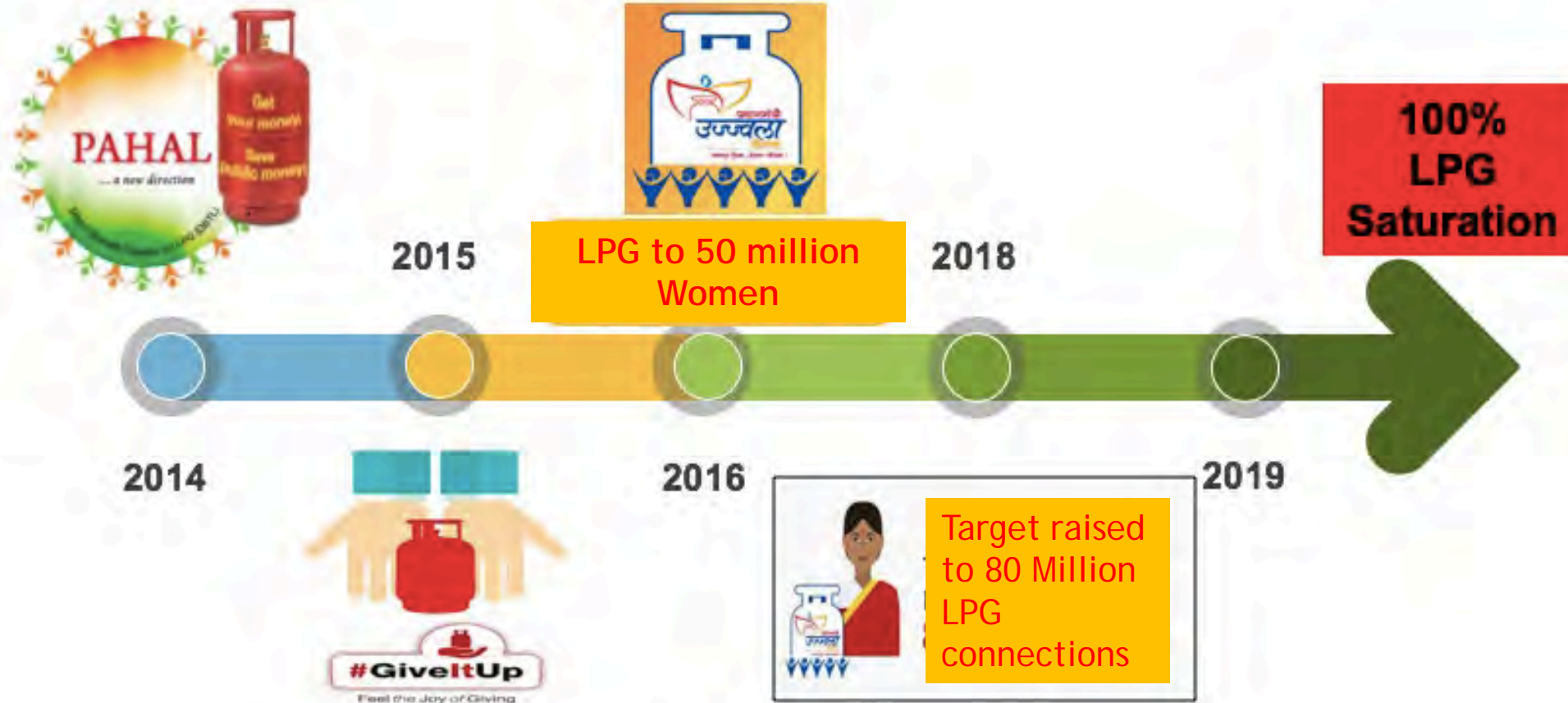
Free women from drudgery of collecting fire wood, Reduce time on cooking

PMUY

Stopping Deforestation & Reducing Carbon emissions

Women empowerment and social inclusion

Steps to Clean Cooking Fuel Access for All



Pradhan Mantri Ujjwala Yojana

PMUY, a flagship schemes of the Indian Government, was launched on 1st May, 2016 By Hon'ble Prime Minister.



SCOPE & SUPPORT

50 million LPG connections, Rs. 80 Billion initially allocated by Govt. of India

Enhanced Target of 80 Million and additional allocation of Rs. 48 Billion Scheme till March 2020 under the name Expanded Ujjwala

Beneficiaries received a 14.2kg / 5kg cylinder, a pressure regular, a Suraksha Hose in the scheme

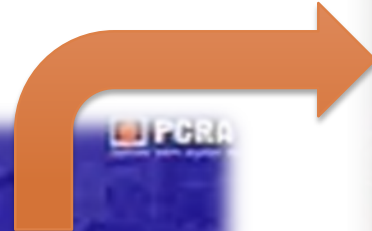
Loan option for Hotplate and first LPG Refill available for beneficiary

Eligibility Criteria



Ministry of Petroleum
and Natural Gas
Government of India

Pradhan Mantri Ujjwala Yojana





Eligible Categories



- SECC listed families
- SC/ST households
- Most Backward classes
- Beneficiaries of PMUY (Gramin)
- Beneficiaries of AAY
- Forest Dwellers
- Resident of islands / river islands
- Tea garden / ex-tea-garden workers
- Poor households not covered under the above categories*

*subject to the terms and conditions

 /PetroleumMin

 /PetroleumMinIndia

Financial Assistance under PMUY

Govt assistance - \$ 22

Loan for Hotplate
Rs.990/-

Installation &
Administrative
Charges Rs.75/-

Rs.1600
Cash Assistance
per
LPG Connection

Suraksha Hose
Rs.100/-

Cylinder & PR
Security Deposit **Rs.1400/-**

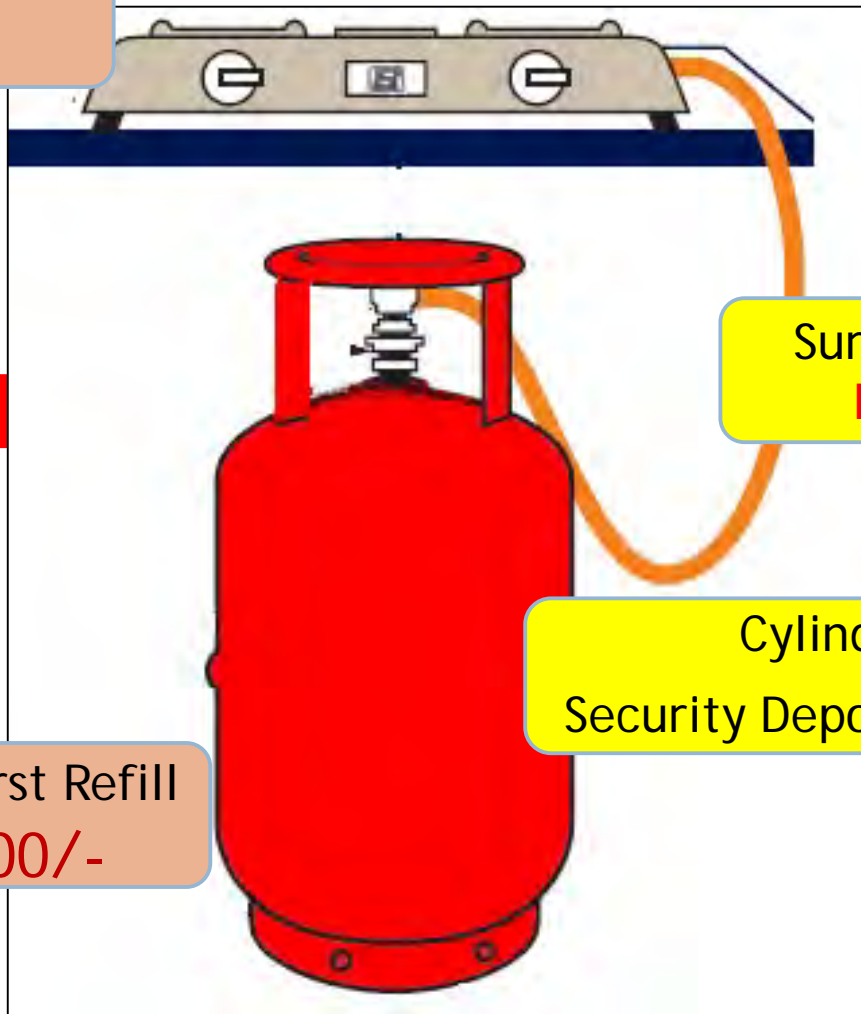
DGCC Book
Rs.25/-

Loan for first Refill
~Rs.700/-

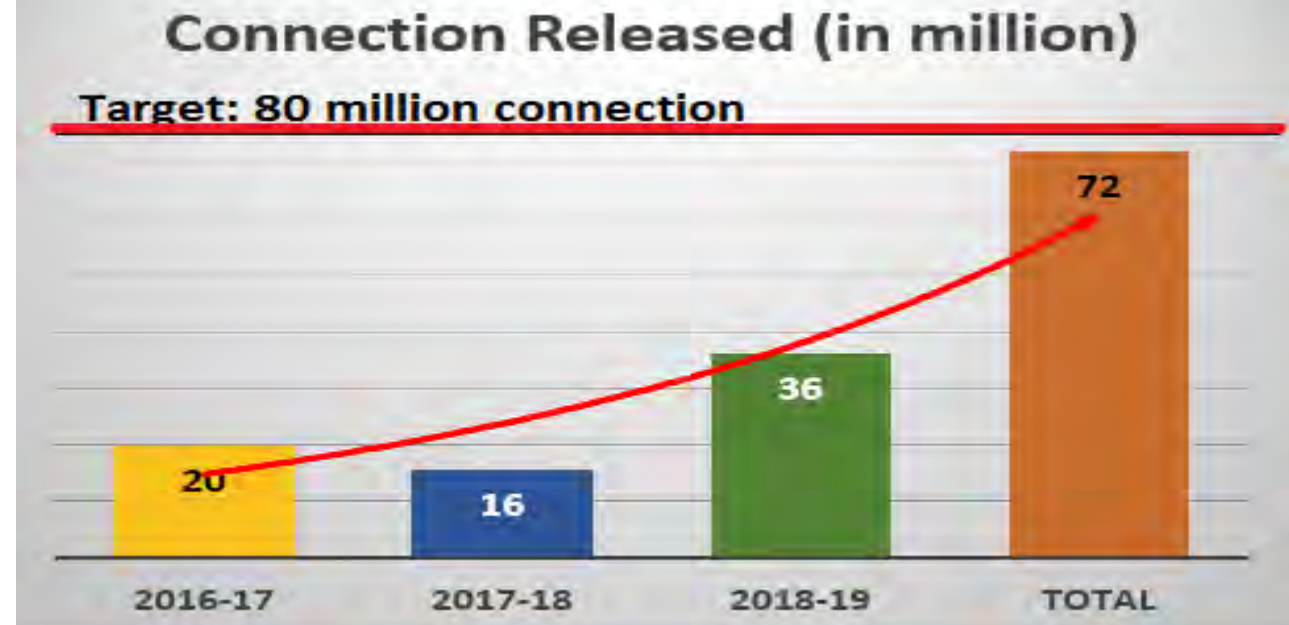
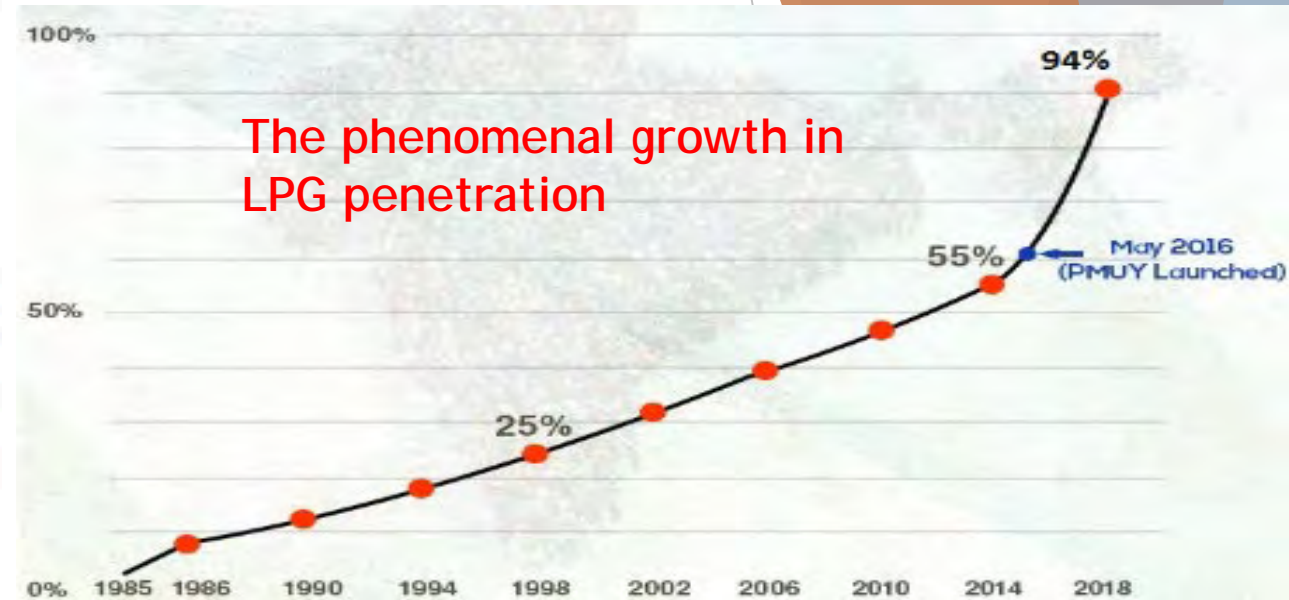
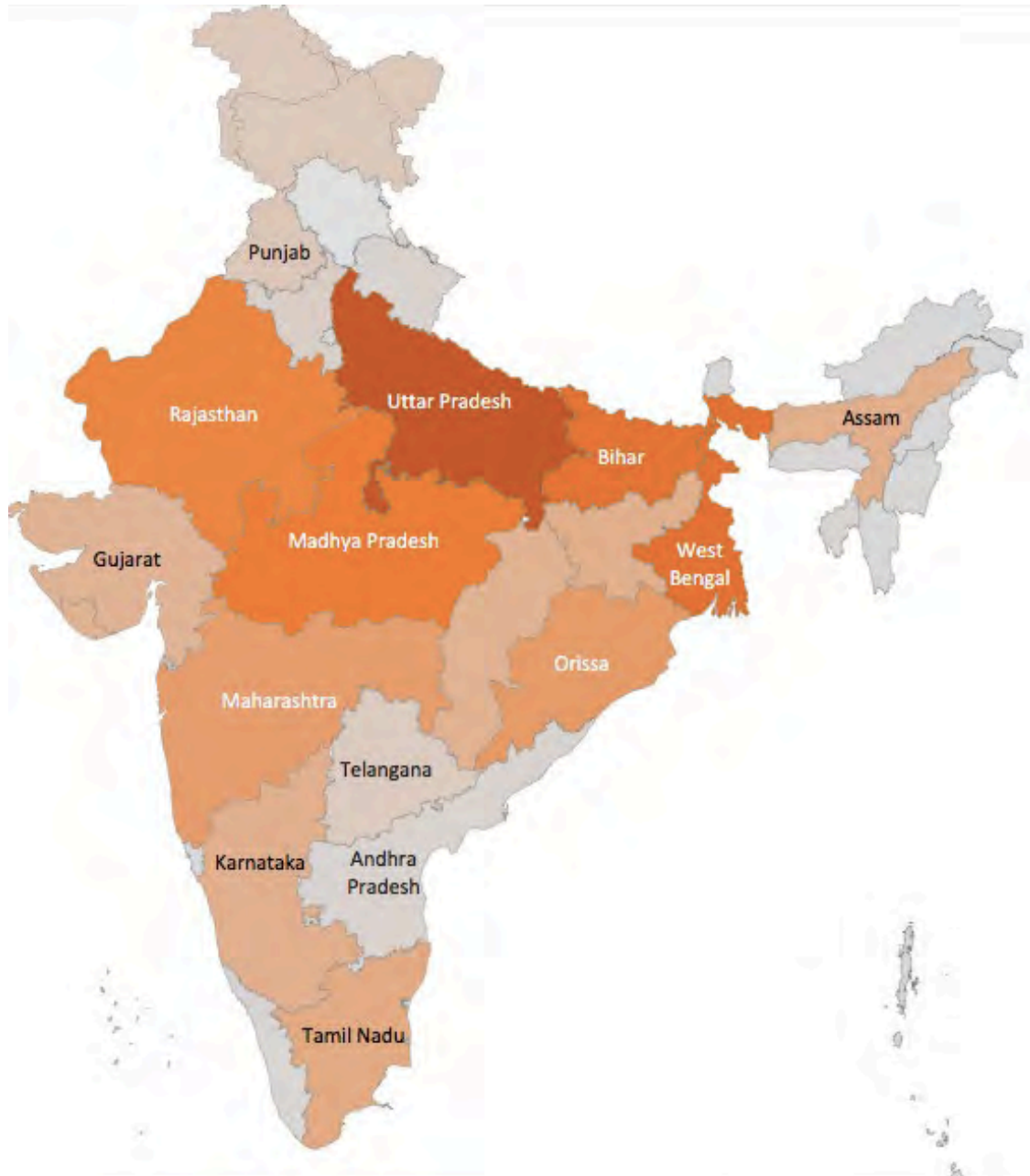


Loan option -\$ 22

Loan for
Hotplate
and/or first
Refill
by OMCs

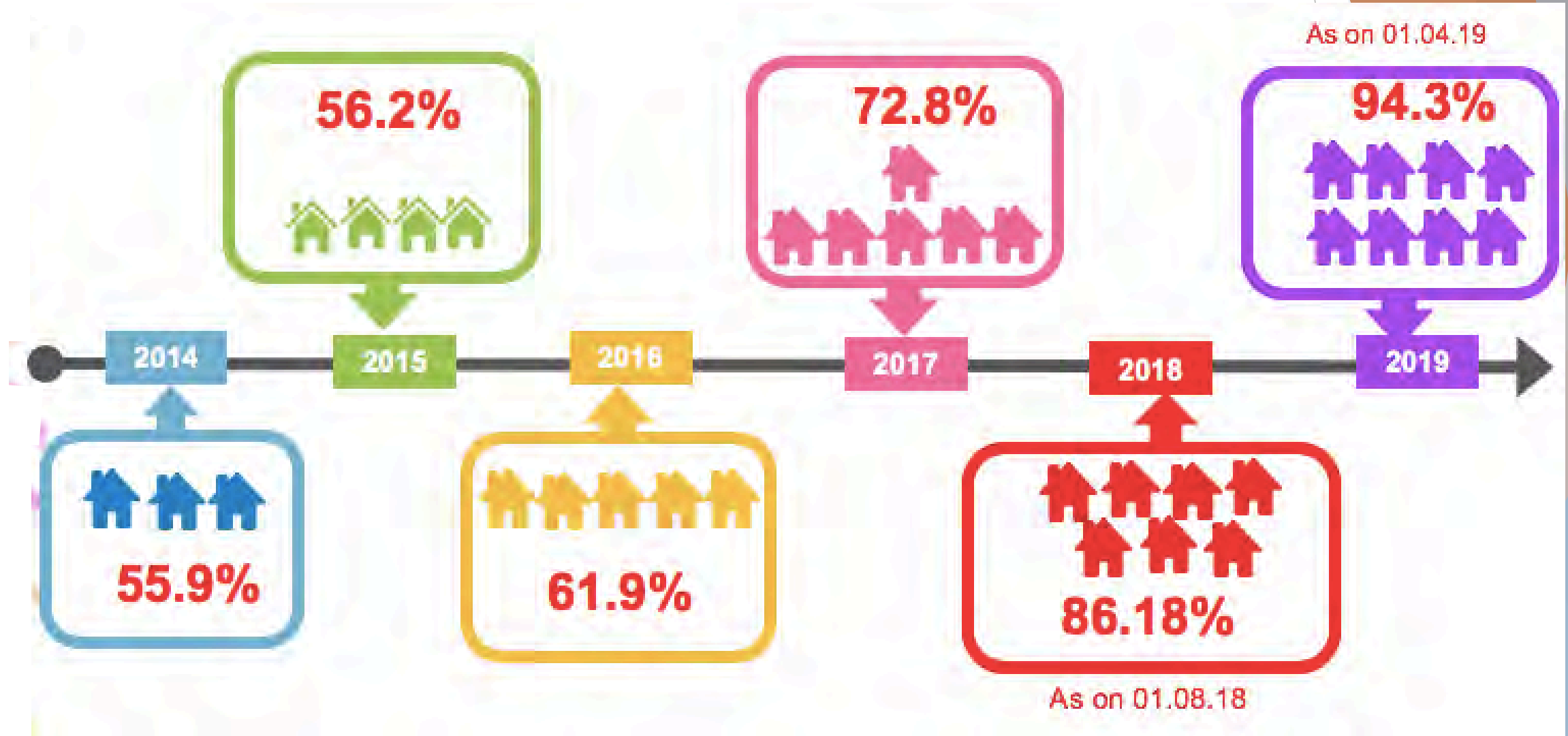


Achievement So Far...

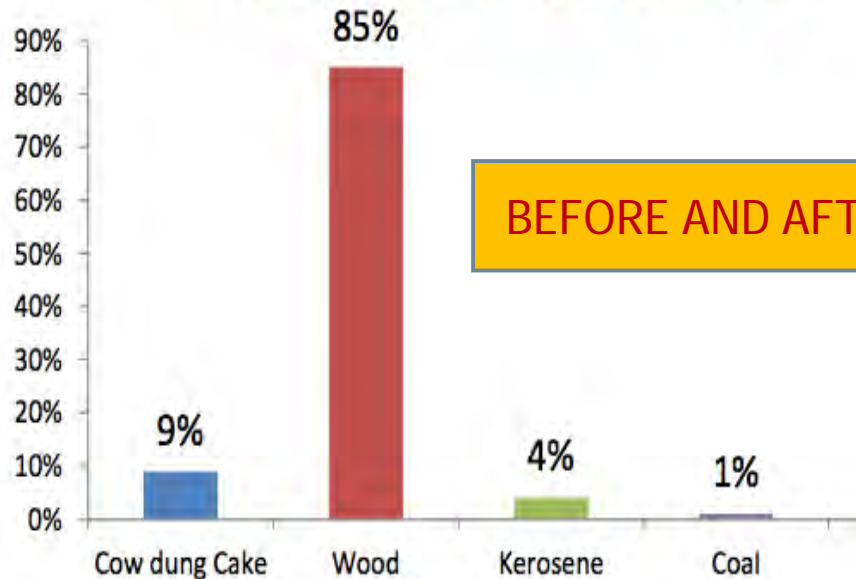


India Moving Fast to Clean Fuel

LPG Coverage in % as on 1st April, 2019: **94.3%**

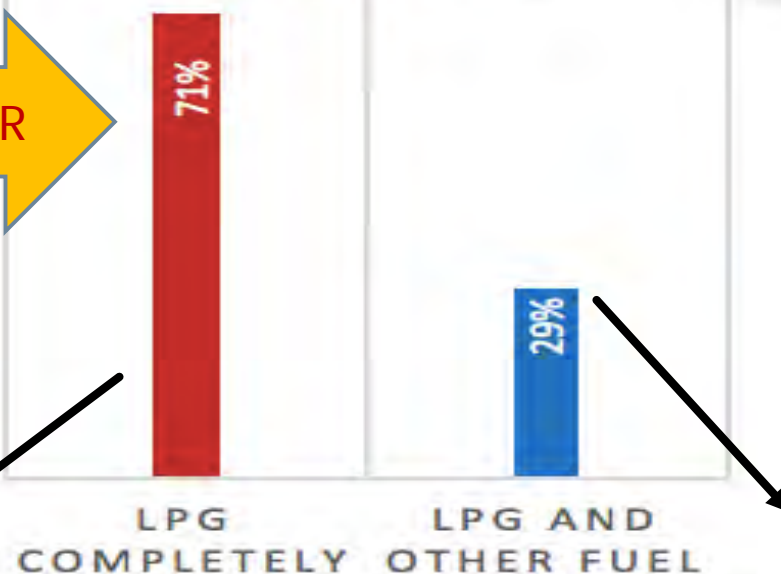


Fuel usage before PMUY Connection

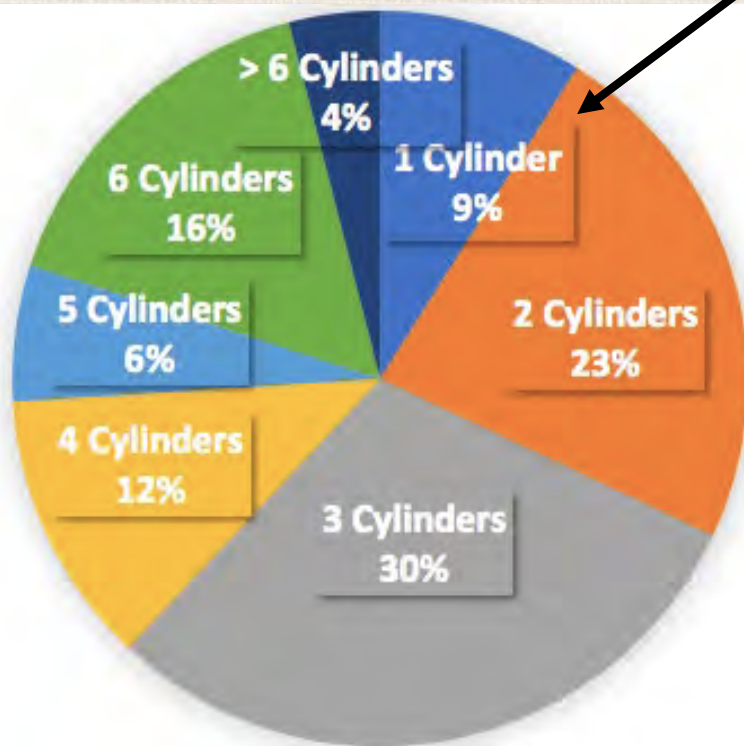


BEFORE AND AFTER

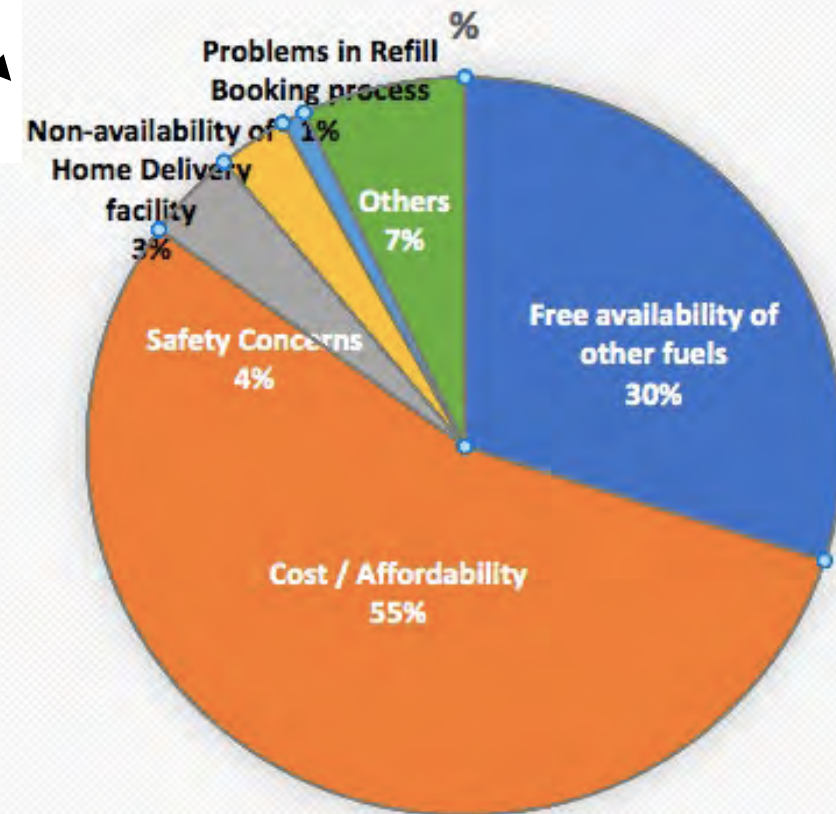
USAGE OF LPG FOR COOKING



Out of 71% who have switched to LPG completely, 74% have used 1-4 cylinders in last 6 months



USAGE OF LPG



The Three Pillars of Access to Clean Cooking Fuel

Affordability

Loans are being extended to willing beneficiaries

State Govt. sponsorship in select states

Deferment of loan recovery from subsidy amount for next 6 refills or 1 yr wef 1st April '18.

Option to swap 14.2 kg PMUY connection in favor of a 5kg connection

Adaptability

Mass Awareness campaigns run through LED vans

LPG Panchayats being organized

Engaging of SHGs/ NGOs

5kg DBC package proposed under PMUY

Accessibility

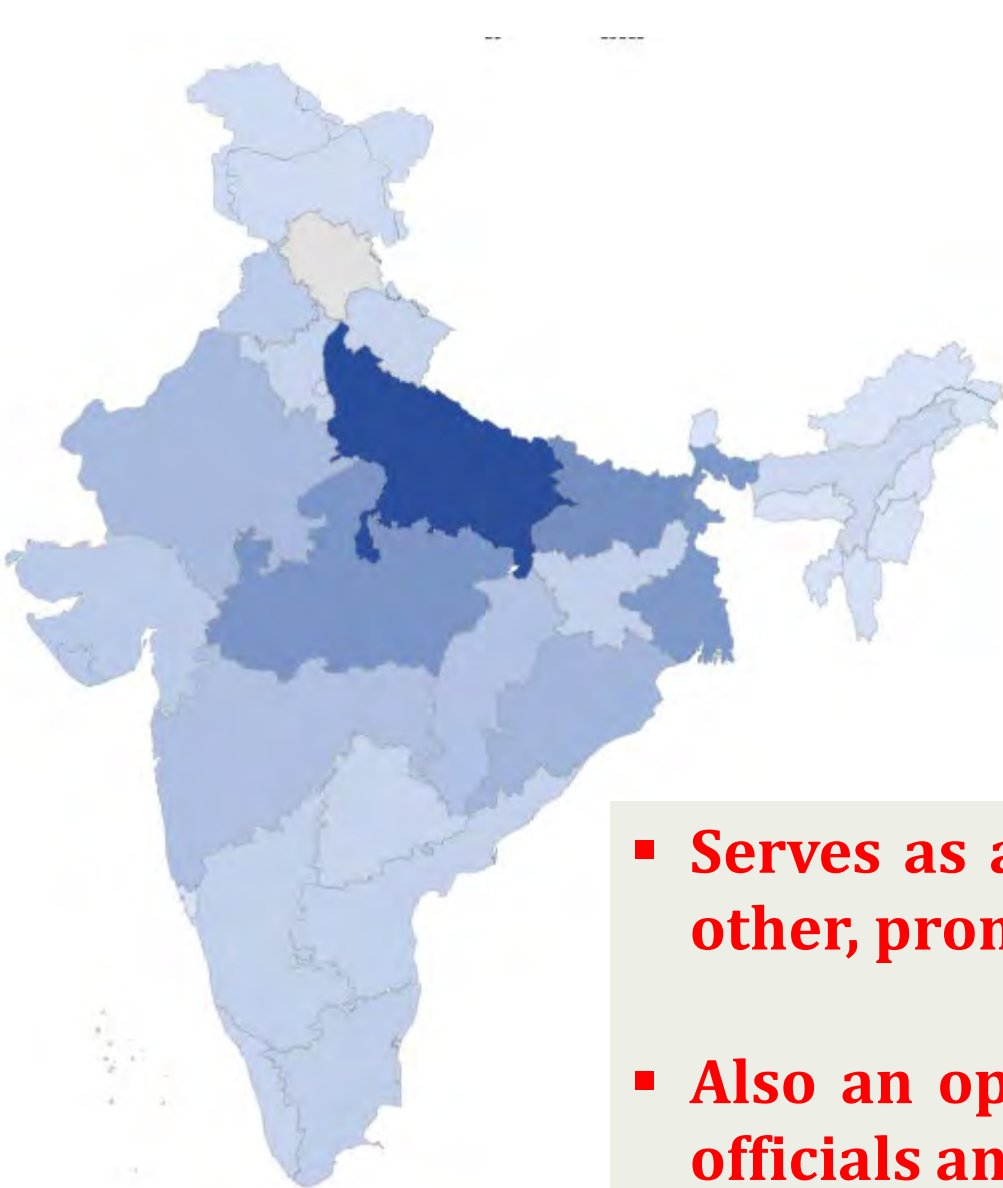
Appointment of new channel partners -


Augmentation in Bottling Capacity -


16 Private Bottlers are being introduced = 408 TMTPA

Import Facilities are being augmented

Adaptability: LPG Panchayats & Social Awareness



 Ministry of Petroleum and Natural Gas
Government of India





LPG Panchayats


to educate on safety, benefits & sustained use of LPG


Conducted 100,000+ LPG panchayats in FY 18-19



"LPG - Catalyst of social change"

Health 

Environment 

Women Empowerment 

Economic Benefit 

 /PetroleumMinIndia  /PetroleumMin

- Serves as a platform for LPG consumers to interact with each other, promote mutual learning and sharing of experiences.
- Also an opportunity for consumers to interact with Company officials and share their questions and apprehensions.

Accessibility: Infrastructure Development



IMPORTS and STORAGE

For FY 2018-19:

Imports - 12.3 MMT
Import capacity - 13.4 MMTPA

INCREMENT IN LAST 3 YEARS

- Import Capacity- 2.4 MMTPA
- LPG Imports
- Storage Capacity

UPCOMING:

- LPG Import Facility - 3,100 TMTPA
- Storage Capacity Augmentation- 15 (22 TMT)



BOTTLING CAPACITY

As on 01.04.2019

Bottling Capacity - 18.3 MMTPA

ADDED IN LAST 3 YEARS

- Increase in Bottling Capacity- 3.1 MMTPA

In-pipeline:

- Grass Root Bottling Plant - 1.6 MMTPA



CHANNEL PARTNERS

As on 01.04.2019

LPG Distributors - 23,739

COMMISSIONED IN LAST 3 YEARS

- 5,912

In-Pipeline:

- 3,000+

THANK YOU!



**PRADHAN MANTRI
UJJWALA YOJANA**
Swachh Indhan, Behtar Jevan