



LPG
EXCEPTIONAL
ENERGY

INCREDIBLE INDIA!



WLPGA



X3



INDIA PROVIDES ONE OF THE BEST EXAMPLES OF A COUNTRY WHICH HAS **SUCCESSFULLY INCREASED USE OF CLEAN COOKING METHODS** WITH A NEAR **TRIPLING** IN LEVELS OF ACCESS OVER THE PAST 20 YEARS

THE PRADHAN MANTRI UJJWALA YOJANA (PMUY) SCHEME

IN 2012; TWO THIRDS OF RURAL HOUSEHOLDS IN INDIA WERE STILL RELYING ON HARMFUL COOKING METHODS



LAUNCH DATE:

2016



\$1 BILLION

USD WORTH OF **FUNDING**



TARGET:

WOMEN AND FAMILIES
BELOW THE POVERTY LINE



10,000

NEW LPG **DISTRIBUTORS**



PAYG

INCLUDES "PAY-AS-YOU-GO"
(PAYG) TECHNOLOGY



+40%

40% INCREASE IN **LPG**
CONSUMPTION BETWEEN 2014-2019



80 MILLION

HELPED TO COVER THE UPFRONT
COST RESULTING IN **80 MILLION NEW**
HOUSEHOLDS SWITCHING TO LPG



22% TO 64%

LEVELS OF ACCESS TO LPG IN INDIA
HAVE INCREASED FROM JUST
22% OF ITS POPULATION IN 2000 TO
64% BY 2019



30%

THIS INCREASED
OCCURRED DESPITE A 30% RISE OF
INDIA'S POPULATION OVER THE SAME
19-YEAR PERIOD



3,800 SMOKELESS VILLAGES

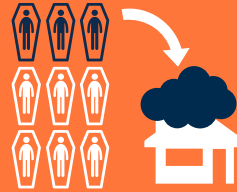
A "SMOKELESS VILLAGE" INITIATIVE, AIMED AT PROVIDING LPG ACCESS TO THE MOST REMOTE COMMUNITIES HAS CREATED OVER 3,800 SMOKELESS VILLAGES

IMPACT OF THE SWITCH TO LPG



2,190

THE SWITCH TO LPG HAS RESULTED IN A REDUCTION OF PM EMISSIONS OF 2,190 KT PM/YEAR



-64%

THE DEATH RATE FROM HOUSEHOLD AIR POLLUTION DECREASED BY A MASSIVE 64% BETWEEN 1990 AND 2019



296 MTCO₂e/YEAR

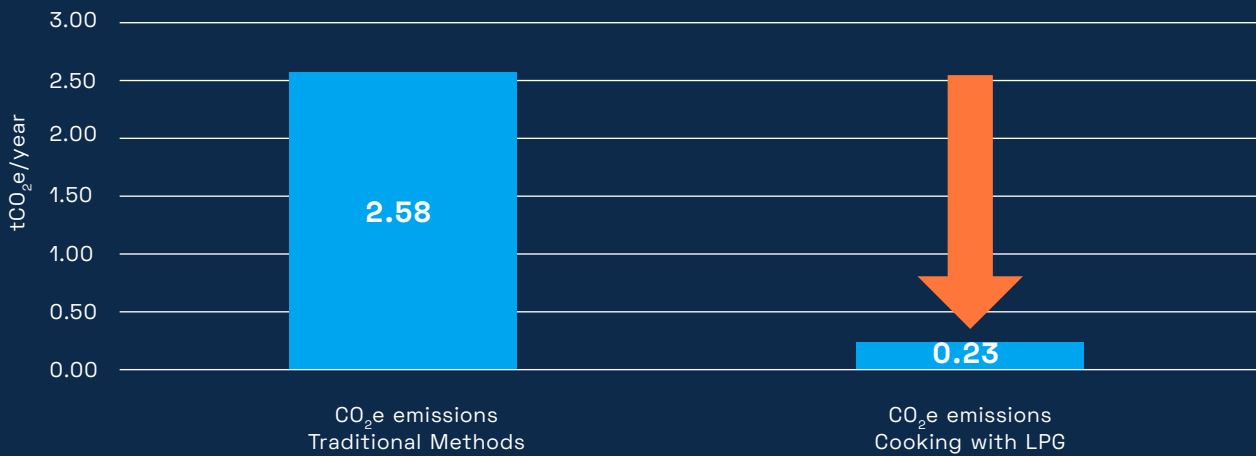
EMISSION SAVINGS



\$8 BILLION

US\$ 8 BILLION ANNUAL COSTS SAVINGS THROUGH IMPROVED HEALTH OUTCOMES, PRODUCTIVITY AND WELLBEING GAINS

IMPACT OF THE SWITCH TO LPG FOR A TYPICAL HOUSEHOLD



THE IMPORTANCE OF "PAY-AS-YOU-GO" (PAYG) TECHNOLOGY

PAYG IS A GROUP OF TOOLS, TECHNIQUES, TECHNOLOGIES AND BUSINESS MODELS DESIGNED TO ALLOW LPG TO BE PAID FOR IN MORE FREQUENT, SMALLER TRANSACTIONS, TO ADDRESS ONE OF THE ADOPTION BARRIERS FACED BY POORER HOUSEHOLDS. THE PMUY SCHEME USED SMS MESSAGING IN RURAL AREAS WHERE CUSTOMERS ONLY NEEDED TO SEND A MESSAGE THAT LINKED TO THE DISTRIBUTOR FOR THEIR CYLINDER TO BE REFILLED