NG EXPERIENCE IN MEXICO

2019

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BY: CARLOS TREVIÑO
IS A REAL OPPORTUNITY TO ACHIEVE THE SDG CHALLENGES

SDG’S TO BE IMPACTED

TO EARLY DECLARE SUCCESS

KEY SUCESS FACTORS

EX 1) CHANGING SOURCE IN NATIONAL POWER PLANTS

EX 2) CHANGING SOURCE IN AUTO SUPPLY POWER PLANTS

EX 3) STOVE MODERNIZATION IN RURAL AREAS

NG EXPERIENCE IN MEXICO

CHALLENGES
IS A REAL OPPORTUNITY TO ACHIEVE THE SDG
CHALLENGES

- Develop transport infrastructure

- Keep the CH4 emissions very low, close to 0

- Design business models to change the energy source

SEE MAP
EXAMPLE 1

CHANGING SOURCE IN NATIONAL POWER PLANTS

MOVING FROM FUEL OIL AND CARBON TO NG

HIGH RELATION COST EFFICIENCY
EXAMPLE 2

Changing Source in Auto Supply Power Plants

Energy Reform in the Hydrocarbons and Electricity Market

Allow Companies to Generate Their Own Power Needs and Sell Surplus into the Grid
EXAMPLE 3

- **Stove Modernization in Rural Areas**
- **Mexican Government Program**
- **Change Solid Fuel Stoves for LPG Stoves**

- **Reduce the PM**
- **Made Cooking Cheaper**
- **Household Air Cleaner**
KEY SUCCESS FACTORS

01 NGS PRICE

02 POLICY ALIGNMENT

A COMMITMENT TO THE PARIS AGREEMENT

B ENERGY REFORM

C GASOLINE AND DIESEL PRICES ELIMINATION OF SUBSIDIES

HYDROCARBONS

ELECTRICITY

BOOST BENEFITS FOR CNG IN MOBILITY

TRANSPORTATION

DISTRIBUTION

COMMERCIALIZATION

OPEN MARKET MAYORIST ELECTRICITY MARKET
TO EARLY DECLARE SUCCESS

- Use of CNG in the Transportation Industry (Buses and Taxis)
- FSRU Projects in Mexico (New LNG Markets)
- CNG for Autosupply Power Systems & Mobility
- Use of SSLNG’s for Autosupply Power Systems
- Neumatic Pumping in Oil Production Offshore Platforms
SDG’S TO BE IMPACTED

1. No Poverty

3. Good Health and Well-Being

7. Affordable and Clean Energy

8. Decent Work and Economic Growth

9. Industry, Innovation and Infrastructure

11. Sustainable Cities and Communities

13. Climate Action
Before 2012 the total gas pipelines in Mexico were 11,347 Km. Since 2012 Mexico has added 2,639 kms of pipelines, during 2019 will add another 2,883. Total pipelines at the end of 2019, will be 18,868 Km. And Mexico will need more...