



Energy Reform in México

Upstream Regulation that promotes the Sustainable Development
of the
Oil and Gas Resources

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Overview of the Energy Reform in México

Hydrocarbons

- Attract new capital and state of the art technology.
- Access deep-water and non-conventional reservoirs.
- Increase **natural gas** and oil supply.

Electricity

- **Reduce electric rates** to boost overall economic competitiveness.
- Assure reliable service and guarantee **universal access**.
- Increase **system efficiency** and reduce losses.

Sustainability and Energy Transition

- **Diversify generation.**
- **Develop renewable energies.**
- **Reduce environmental impact.**

Cross-cutting

- Promote investment
- Modernize infrastructure
- Guarantee transparency

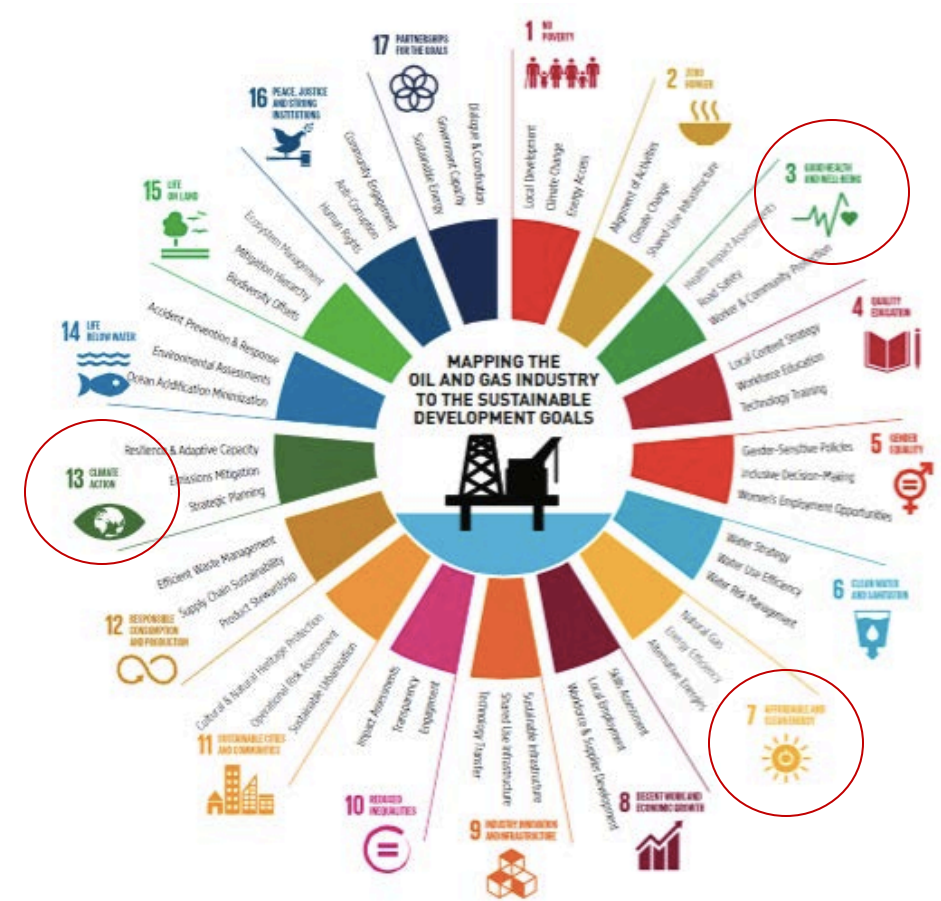
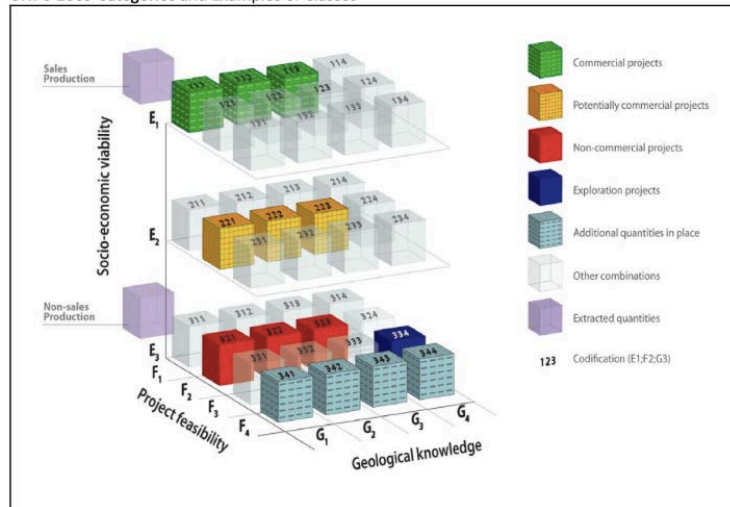


Pilot Test in México

To classify selected Hydrocarbons Resources using UNFC

- Based on the UNFC methodology.
- **Social and Environmental** aspects captured in classification.
- Platform to make decisions in energy and/or Regulatory Policy.
- Meet the Sustainable Development Goals (SDGs).

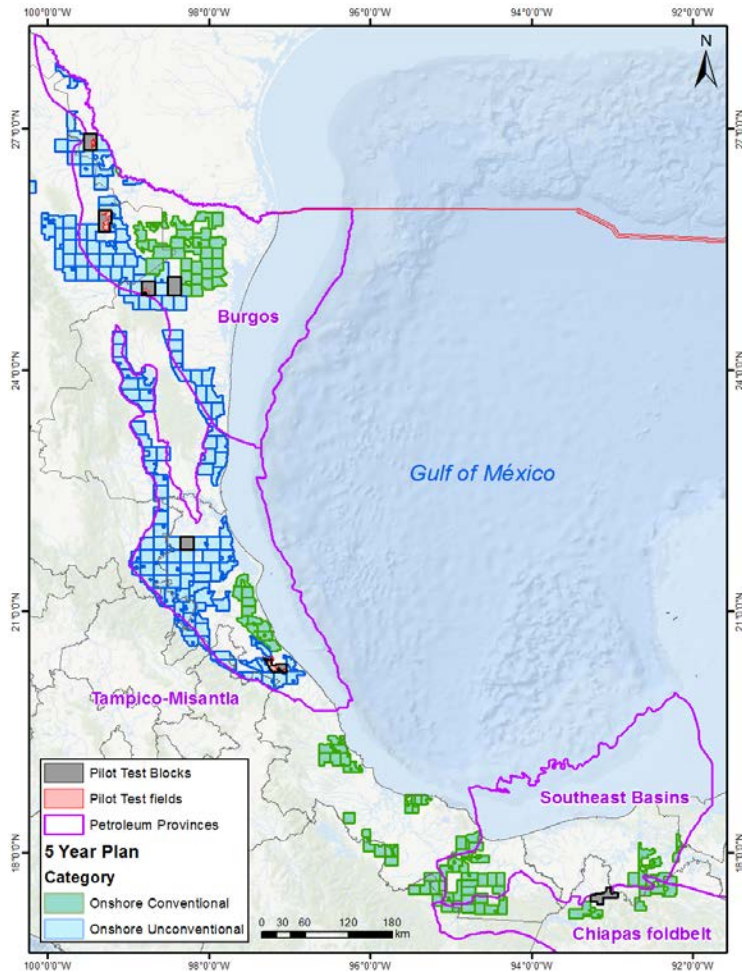
UNFC-2009 Categories and Examples of Classes



Pilot Test in México

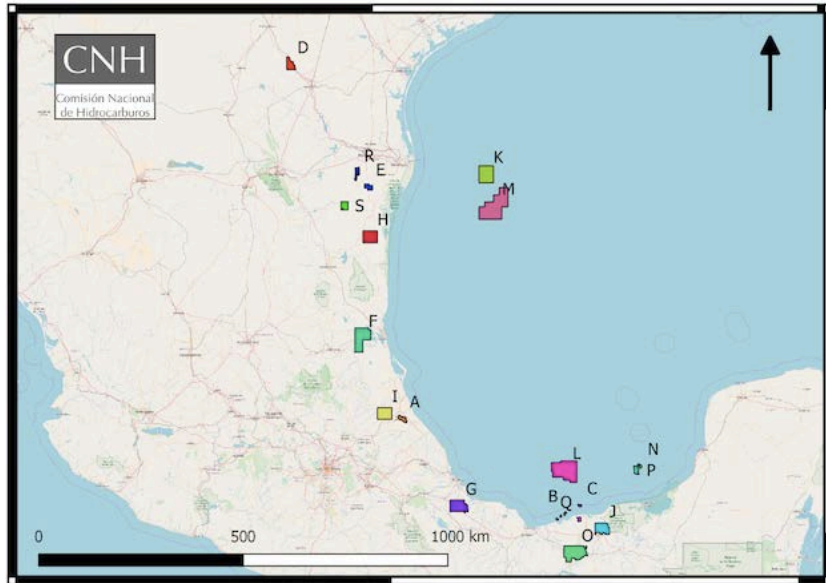
Original Scope

- 35 selected blocks (Social and Environmental Sensitivity).
- 3 of the most important Petroleum Provinces of México.
- Diversity in type of prospective resources and discovered fields.
- Unconventional Blocks were included.



Pilot Test in México

Modified Scope



Legend

UNFC Blocks

- A
- B
- C
- D
- E
- F
- G
- H
- I
- J
- K
- L
- M
- N
- O
- P
- Q
- R
- S

- 19 selected blocks.
- Onshore and Offshore.
- Diversity in type of prospective resources and discovered fields with projects defined.
- **Social and Environmental** aspects captured in classification.



Conclusions and Next Steps

- Oil and Gas Activities linked with the SDGs Goals.
- Platform to make decisions in Energy and/or Regulatory Policy.
- Coordination between institutions is a key element (Roles and Responsibilities).
- Collaboration with the National Oil Company (Pemex).
- Analysis of the technical and non technical information properly.
- Original and Modified scope are on track-
 - Final Conclusions and Findings- December 2018
- Upstream Regulation under revision (Sustainable Elements linked with the SDGs).
 - Reserves and Resources - (UNFC).
 - EOR Regulation- EOR-CO2 (CCUS).
 - Field Development Plans - Renewables in Operations.

