



United Nations Framework Classification of Resources (UNFC)

Pilot Test in México
National Hydrocarbons Commission (CNH)

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.

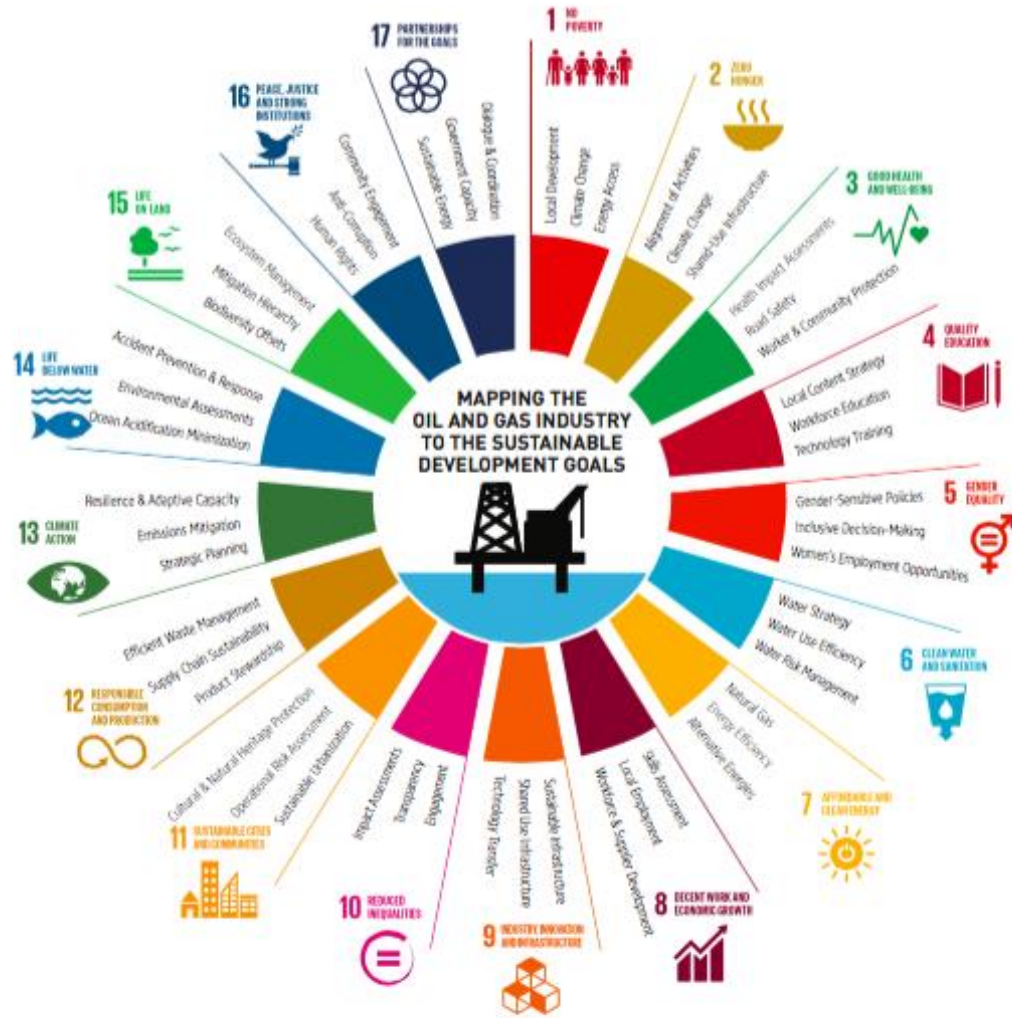
Sustainability and Energy Transition

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

Cross-cutting

- Promote investment
- Modernize infrastructure
- Guarantee transparency

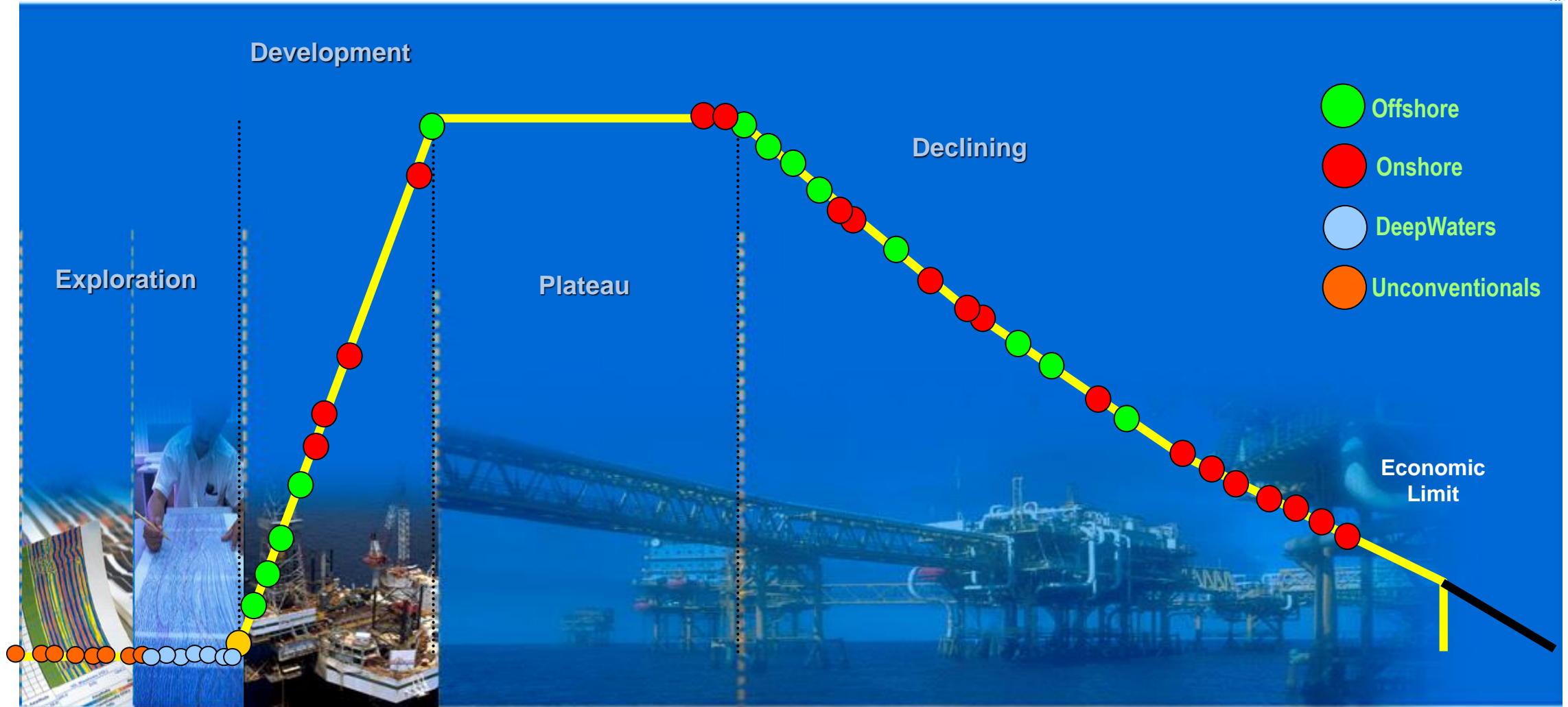
Mapping the oil and gas industry to the sustainable development goals



Empowered lives.
Resilient nations.

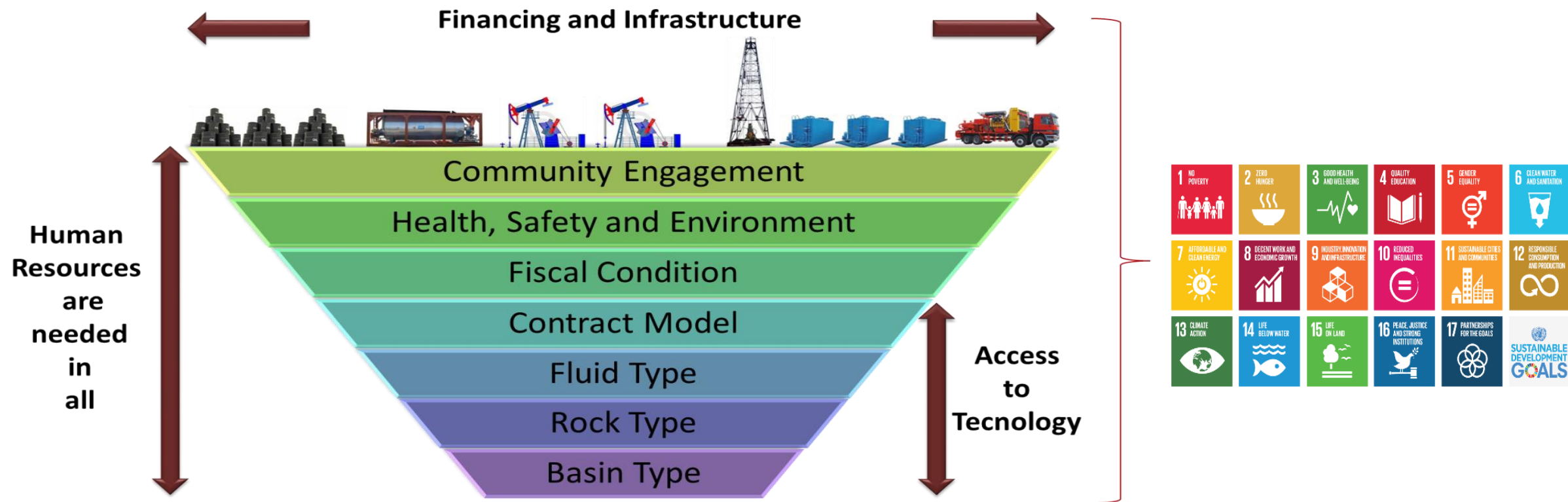


Portfolio- Reserves and Resources in México



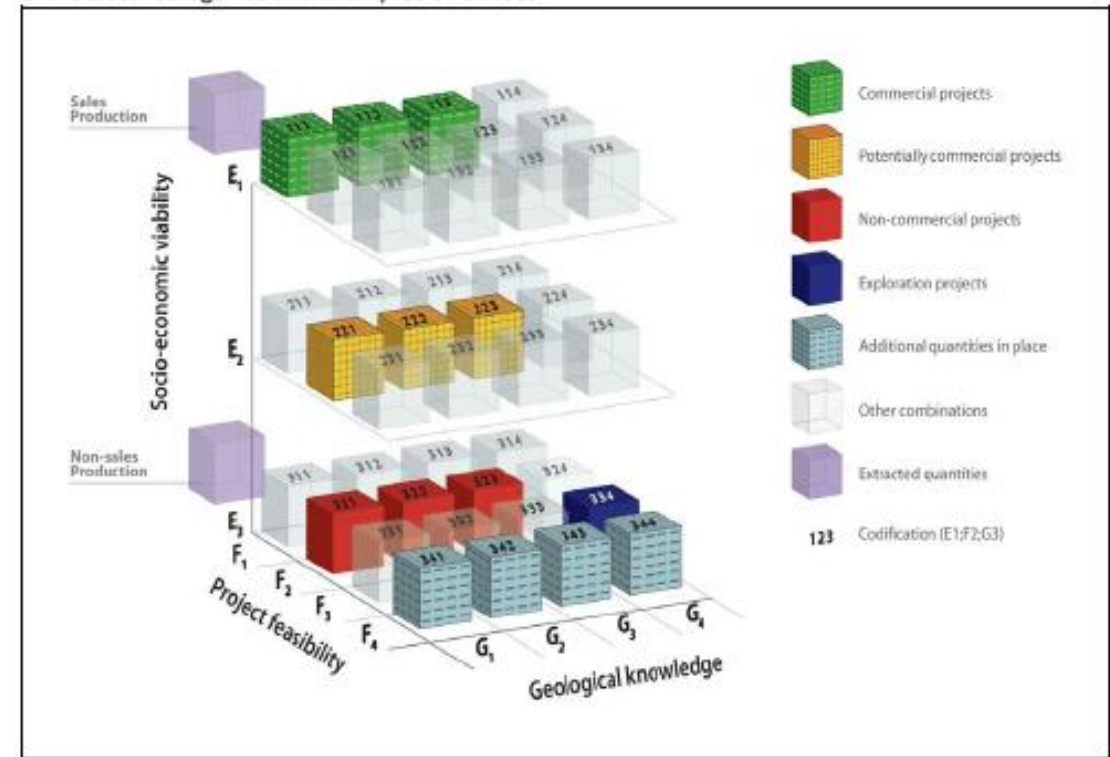
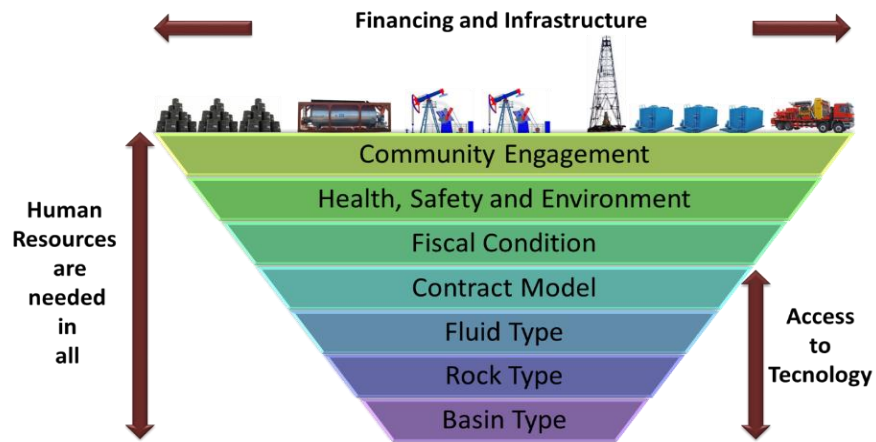
Source: CNH-Pemex

Reserves and Resources = Projects SDG's

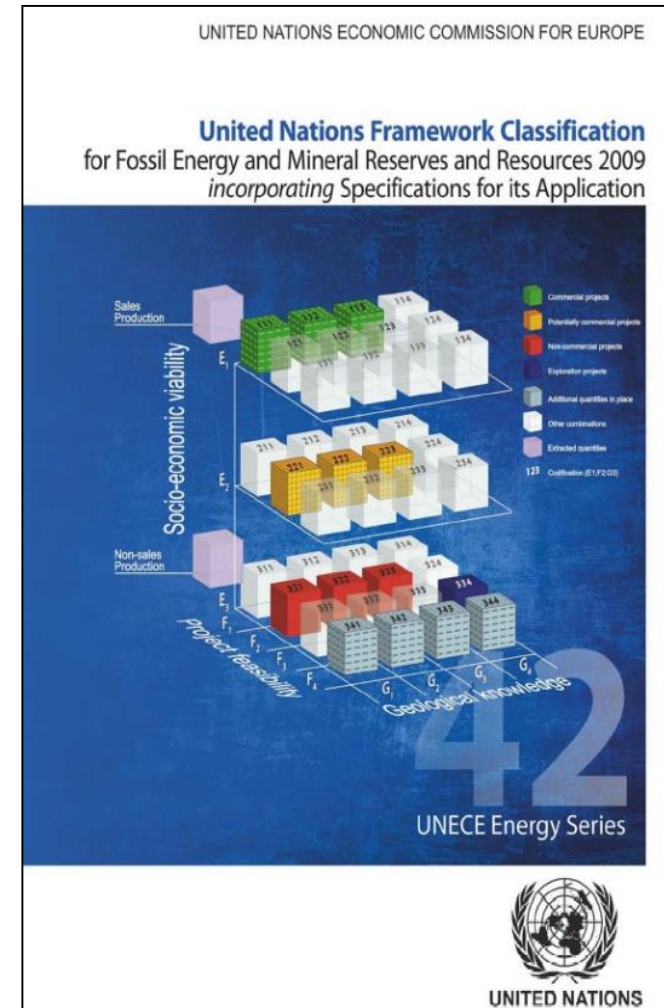


Source: CNH:Edgar Rangel

Reserves and Resources = Projects SDG's



- Based on the UNFC methodology.
- Social and environmental aspects involved.
- Platform to make decisions in energy and/or regulatory policy.
- Meet the Sustainable Development Goals (SDG)



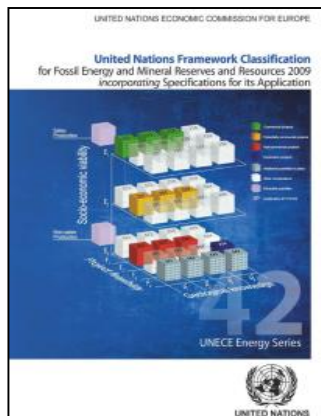
January-March

April

June

July- 2019

México
analysis



Project-Areas
Selection

Pilot Test
Announcemnet



Workshop

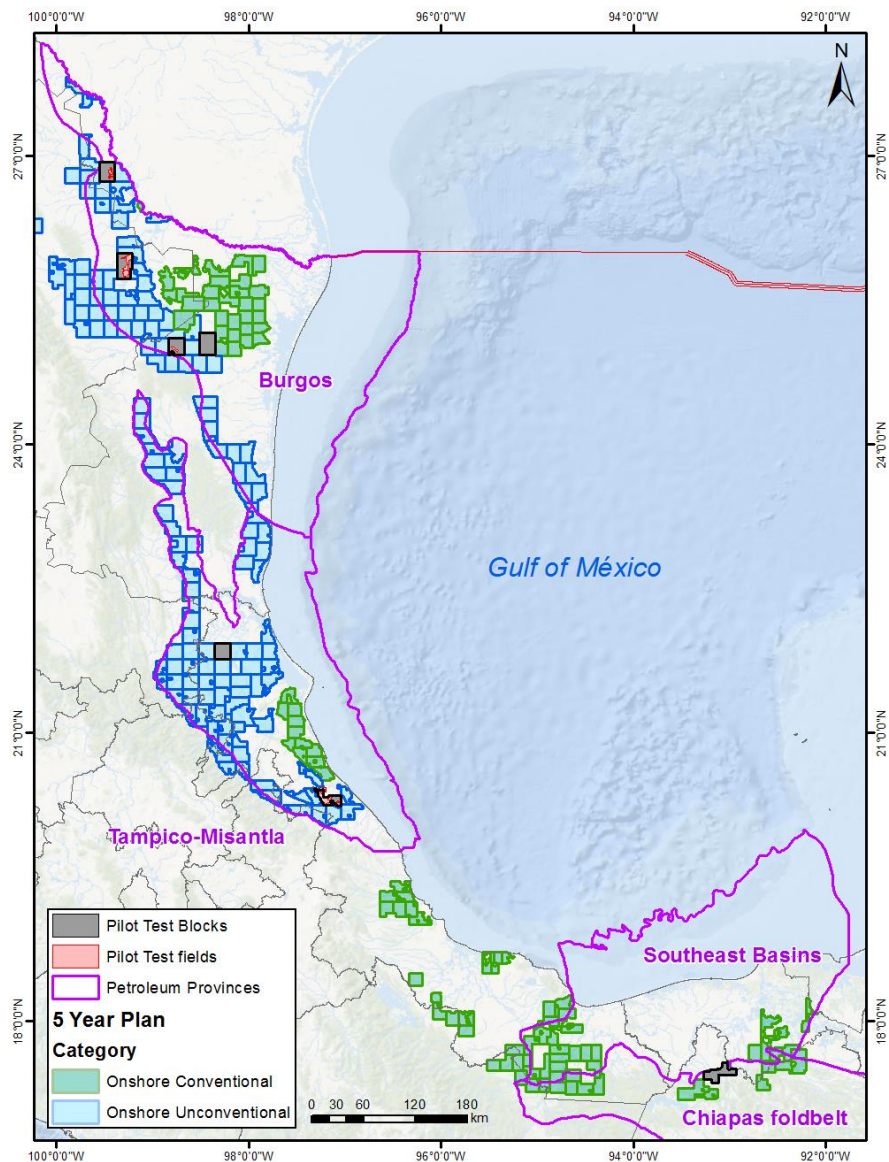


Implementation and
Recomendations



- ✓ Phase 1: Workshop (June)
- ✓ Phase 2: Follow-up on the implementation of the UNFC methodology
- ✓ Phase 3: Conclusions and recommendations

Pilot Test in México



- 7 selected blocks from 5 Year Plan.
- 3 of the most important Petroleum Provinces of México.
- Diversity in type of prospective resources and discovered fields with remaining volumes for extraction.
- 2 blocks are included in the upcoming Round 3.3 for unconventional.

Province	Block	Surface area (km ²)	Conv. PR* (MMboe)	Unconv. PR* (MMboe)	Total PR* (MMboe)	Discovered Fields (number)	Gas remaining volume (MMMcf)	Oil remaining volume (MMboe)
Burgos	TN-SB-08	346	18	204	222	3	24	-
	TN-SB-21	447	8	72	80	2	137	-
	TN-SB-48	297	10	199	209	1	679	-
	TN-SB-50	415	18	66	84			-
Total Burgos		1,505	54	541	595	6	839	-
Tampico-Misantla	TN-TM-32	315	22	363	385	-	-	-
	TN-TM-79	271	7	202	209	5	2,177	1,990
Total TM		586	29	565	594	5	2,177	1,990
Southeast Basins-Chiapas	TC-CSC-41_MOD	383	117	-	117	-	-	-
Total Southeast-Chiapas	1	383	117	-	117	-	-	-
Total	7	2,474	200	1,106	1,306	11	3,017	1,990

*Risky Mean Values

Mapping the oil and gas industry to the sustainable development goals



Objective 3 – Health and Wellness

(Natural gas contains significantly less harmful particles for health).

Objective 7 - Accessible and Clean Energy

(Ensure access to sustainable, reliable and modern energy for all, such as natural gas).

Objective 8 - Climate action

(Take urgent actions to combat climate change and its impacts, for which natural gas plays an important role by emitting less CO2 emissions into the atmosphere)



Empowered lives.
Resilient nations.



Its participation in the projects could include:

- Provide information on economic studies.
- Executive comments on the conclusions that will be issued by the expert committee.



Pilot Test- Unconventionals and Unconventionals.

- Understanding of the relationship between the SDGs and the Oil and Gas Industry.
- Sustainable Resources Management System.
- Social and environmental aspects as part of resources and reserves classification.
- Multi-Stakeholder dialogue and collaboration- Governments, Companies, Financial Institutions, International Organizations.



United Nations Framework Classification of Resources (UNFC)

Pilot Test in México
National Hydrocarbons Commission (CNH)