



ASEA

AGENCIA DE SEGURIDAD,
ENERGÍA Y AMBIENTE

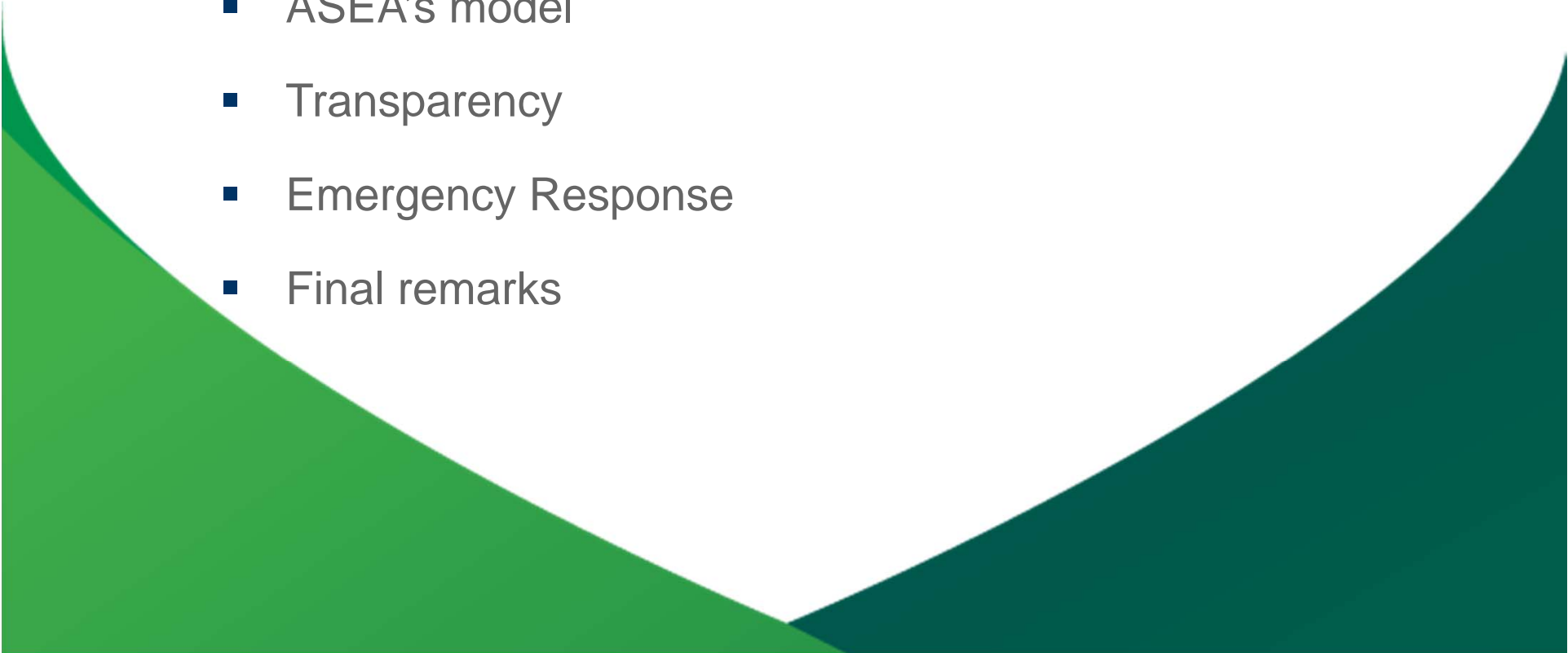
Mexico-Alberta Regulatory Workshop

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Regulations and Legal Standards

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CONTENT

- Constitutional Mandate
 - ASEA's scope
 - ASEA's model
 - Transparency
 - Emergency Response
 - Final remarks
- 



A high level responsibility

CONSTITUTIONAL MANDATE

Article 19th Transitory

“...to regulate and supervise in terms of industrial and operational safety and environmental protection, the facilities and activities of the hydrocarbons’ sector...”

- A decentralized agency from the Ministry of Environment (SEMARNAT) is created
- This agency is specialized on the industrial and operational safety and environmental protection of the hydrocarbons sector
- The responsibilities of hydrocarbon resources management and industrial safety are separated

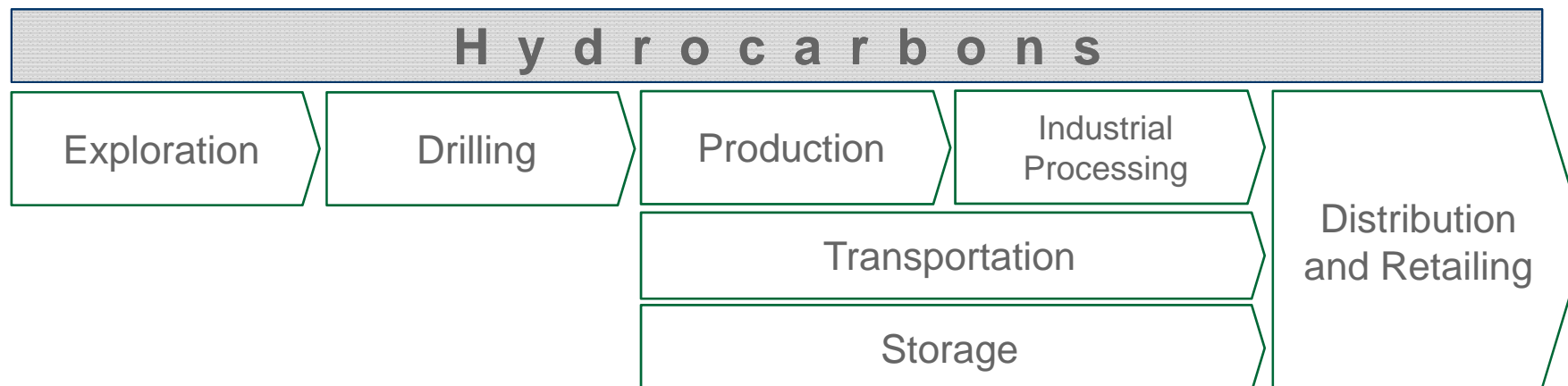
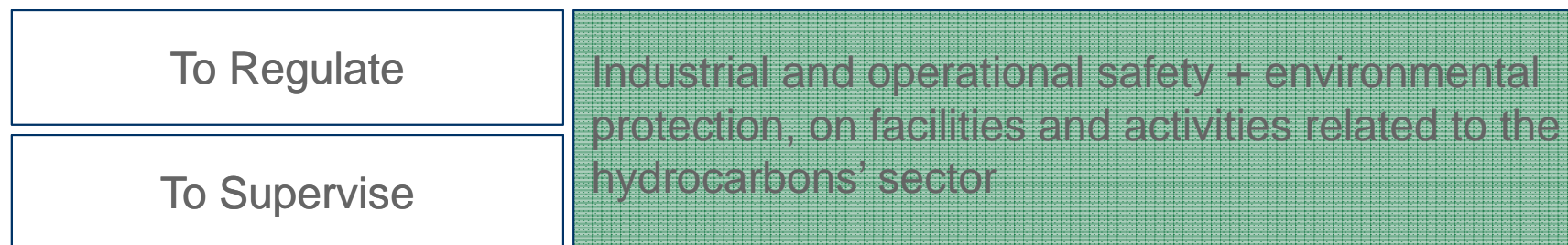




The whole value chain of hydrocarbons

ASEA'S SCOPE

Scope



ASEA's Universe



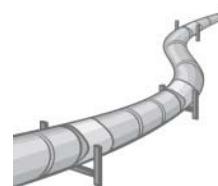
+9,300 Wells



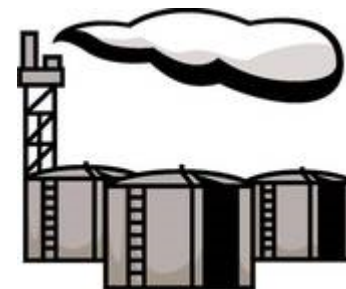
**+250 Offshore
Platforms**



**+12,000
Gas
Stations**



**65,000 Km of
Pipelines**



6 Refineries



**70 ASEA
Inspectors**



**9 Gas Processing
Facilities**



**+3,300 LP Gas
Distribution and
Carburation
Centers**





Strategic design

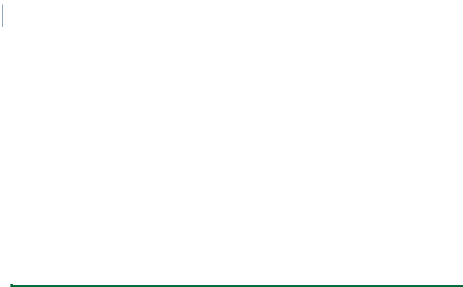
ASEA'S MODEL

ASEA's Institutional Model

Strategic Framework

Mission		Vision	
Professionalism	Transparency	Impartiality	Opportuneness

Comprehensive Process of



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Risk management



Administration by processes

Regulation	Management	Inspection
Planning		
Legal		
Finances		



APPENDICES



Mission, vision and values

Mission

To guarantee individuals' safety and environmental integrity with legal, procedural and cost-effectiveness certainty in the hydrocarbons sector.

Vision

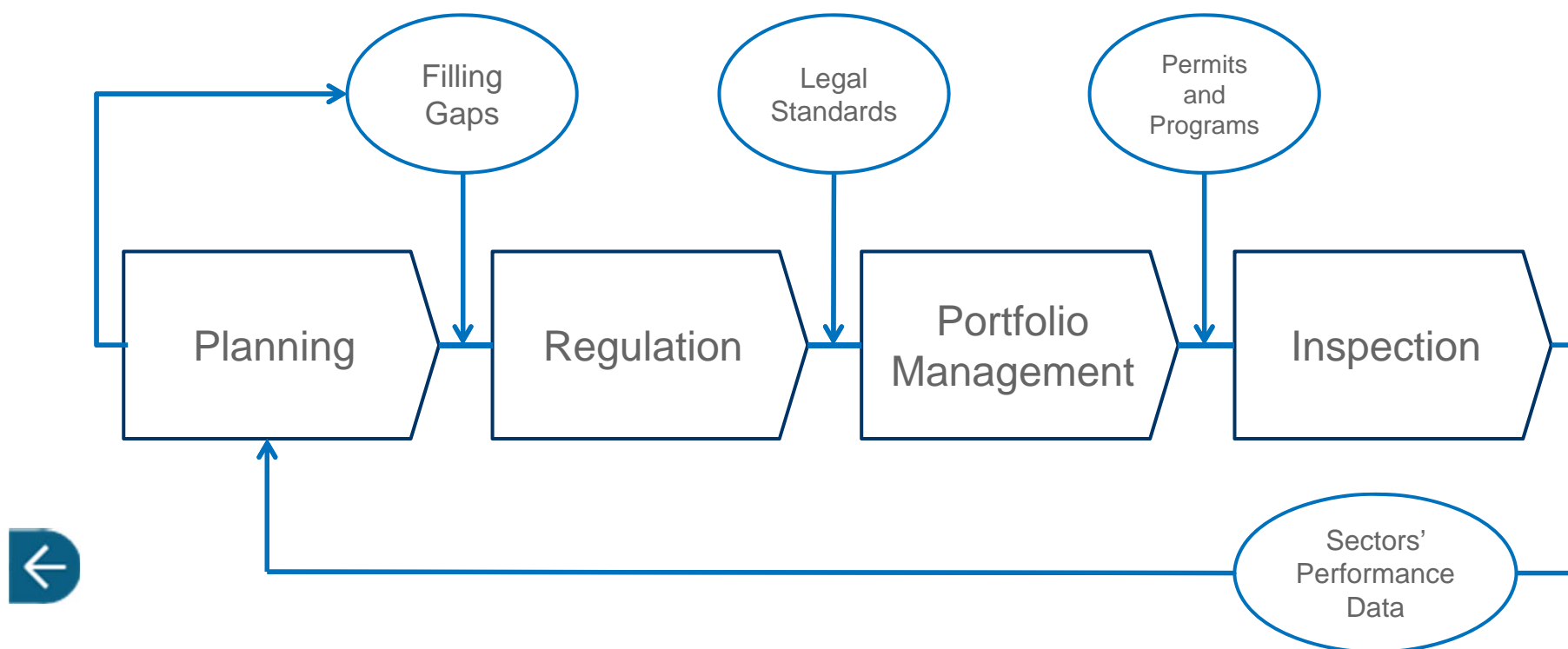
To be the Agency that takes the Mexican hydrocarbons sector to be the cleanest and the safest worldwide.

Values

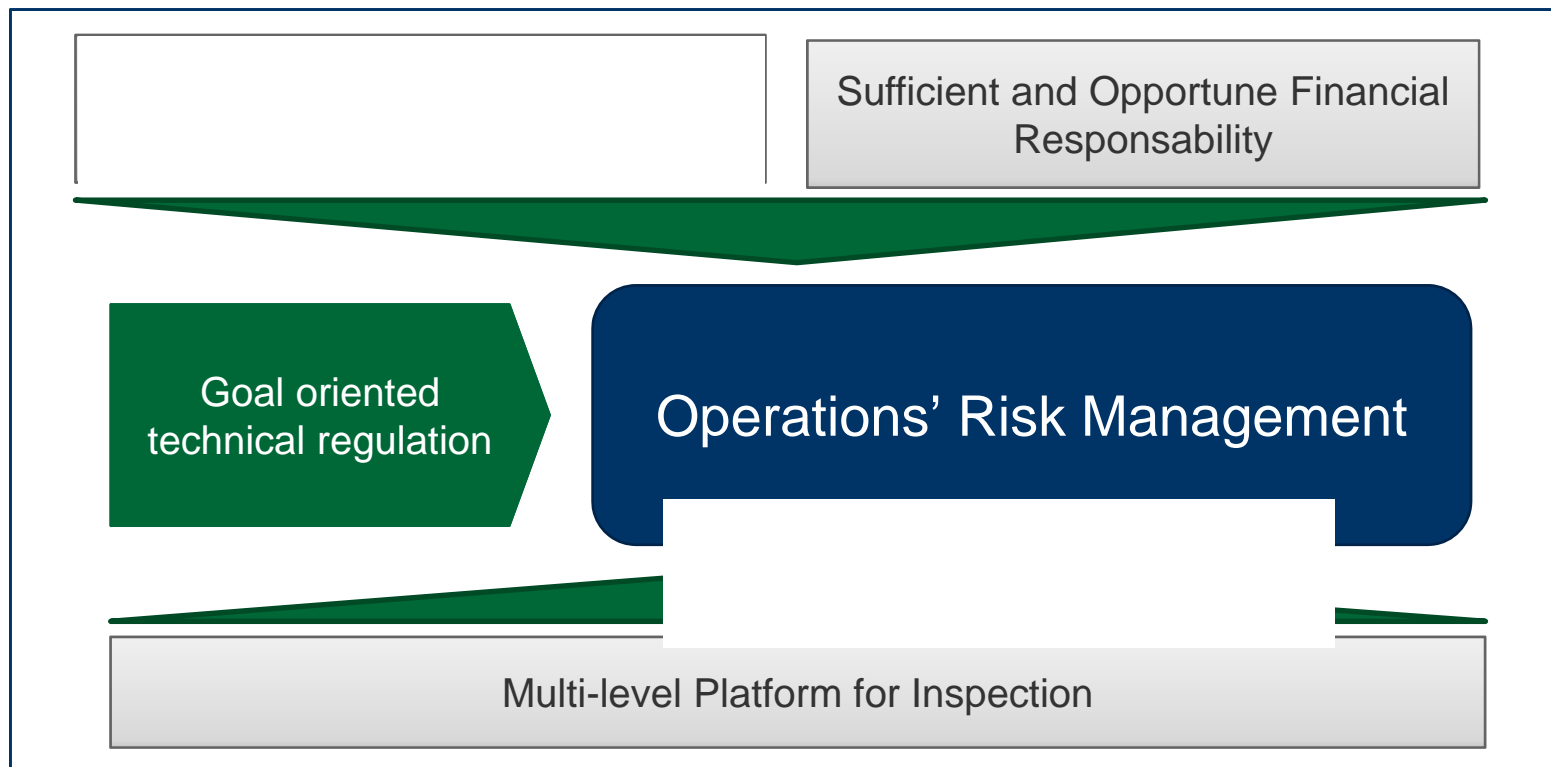
- **Professionalism:** we are ethical, knowledgeable and experienced.
- **Transparency:** what we do is public and accessible.
- **Impartiality:** decisions are based upon objective criteria.
- **Opportuneness:** we act timely and appropriately.



ASEA's Management Model is based on processes



Risk Management General Model



Management Systems

Requirements 13th Article 13th of the Law
Integrates Industrial Safety, Operational Safety and Environmental
Protection.
Organized as improvement process

Requirement	Title	Requirement	Title
I	Policy	X	Control of activities, starts and changes.
II	Dangeridentification and risk analysis.	XI	Mechanical Integrity and Quality Assurance.
III	Legal requirements.	XII	Safety of Contractors.
IV	Goals, objectives and indicators.	XIII	Emergency preparedness and response.
V	Roles, Responsibilities and Authority.	XIV	Monitoring, verification and evaluation.
VI	Competence, training and coaching.	XV	Audits.
VII	Communication, Participation and Consultation.	XVI	Investigation of incidents and accidents.
VIII	Documents' Control and Registries.	XVII	Results' review.
IX	Best Practices and Standards.	XVIII	Performance reports.



Financial limits of insurance policies

Illustrative

E & P

- Land: USD 500,000,000
- Ultra deepwater: USD 1,350,000,000

Transportation,
storage and
distribution

- From USD 500,000,000
- Up to USD 1,000,000,000

Industrial Processing

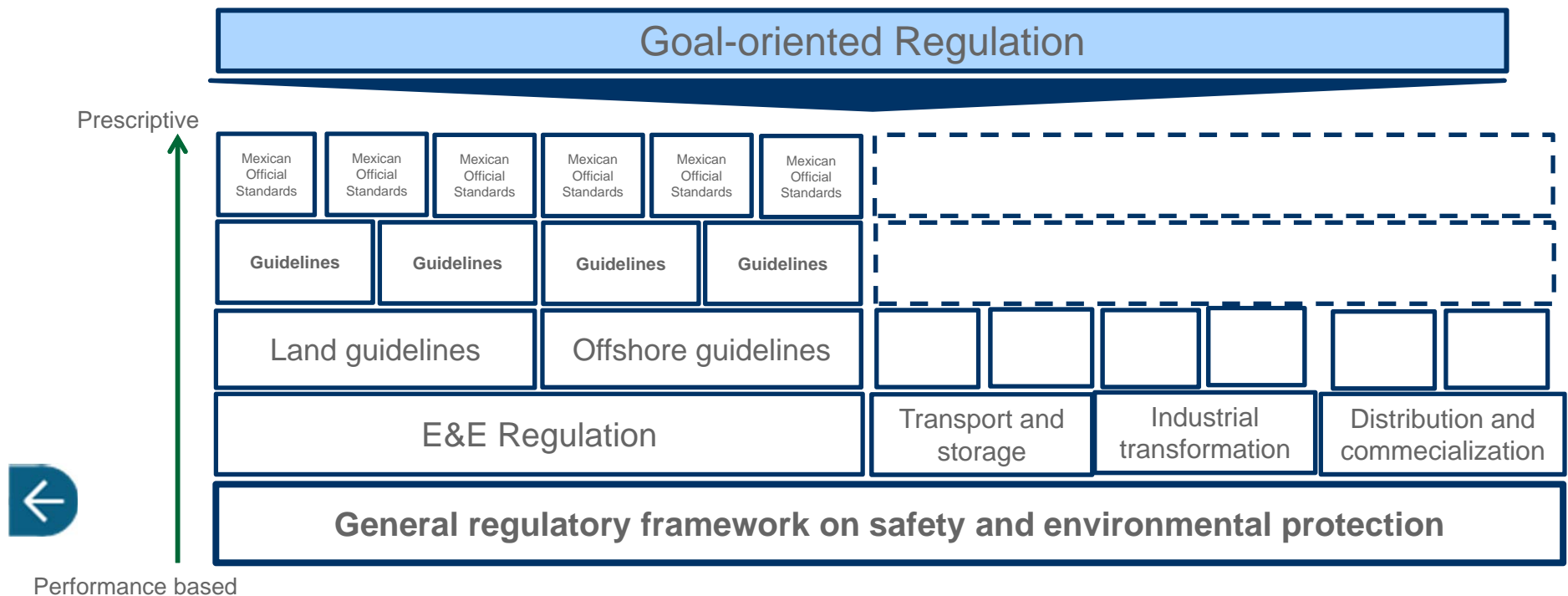
- To be identified

Retailing

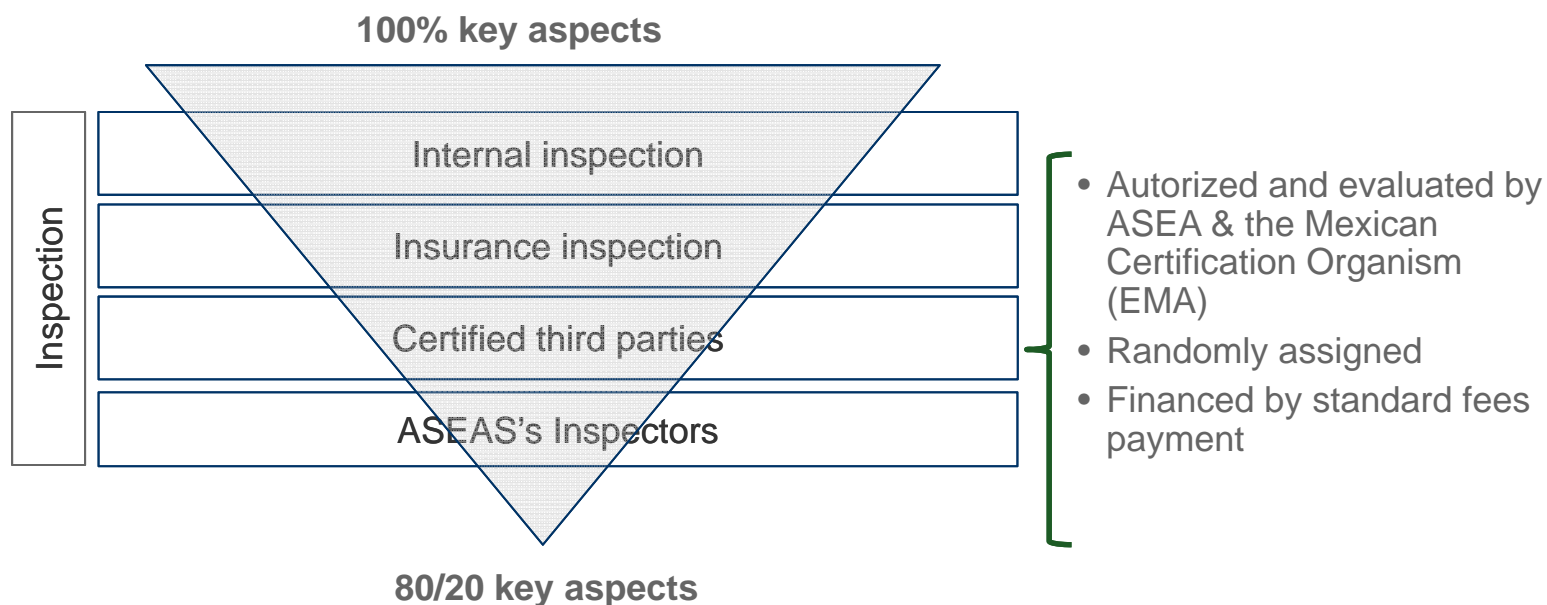
- From USD 250,000,000
- Up to USD 500,000,000



Regulatory framework



Multi-level Platform for Inspection



Comprehensive process of registry and permits management





Mandatory Public Consultation for all Regulation

TRANSPARENCY

Industry and Regulators share a strategic goal: to improve the performance of the hydrocarbons sector on industrial safety and environmental protection

- **The best regulation:** the one that is built hand by hand with the industry and other stakeholders.
- **The challenge:** moving forward towards a new paradigm, in which industry and regulator conduct technical conversations leading to reach common goals



Public Engagement on Regulations and Permits

Creation of new regulation

The process of creating new legal standards through CONASEA (National Advisory Committee for Standardization on Industrial and Operational Safety, and Environmental Protection of the Hydrocarbons Sector) has **the representation of different sectors** – industry, government, academy, and consumers.

Regulatory Impact Assessment

Public Consultation as part of the Regulatory Impact Manifest process by COFEMER (Federal Commission for Regulatory Improvement)

Prior the start of activities

Public Consultation and **Public Meetings** as part of the Environmental Impact Assessment process





ASEA's role

EMERGENCY RESPONSE

ASEA's Role

“The Agency has to define technical elements, that shall be included in protocols for emergency response or critical risk situations, or events that can cause a significant harm to people or goods, and the environment, when the magnitude of such event requires it, or if applies, to participate under the coordination of the authorities”.

ASEA Act, Chapter One, Article 5, Part V.



Onshore & Offshore Emergency Response

Coordinating Bodies



ASEA's Role

Preparing for an Emergency

- ASEA
- Provide technical elements for Emergency Response Protocols (Contingency Plan for Hydrocarbon Spills)

Emergency

- SEMAR / SEGOB
- Coordinate Response
- ASEA
- Participate, monitor and supervise the protocol execution

After an Emergency

- ASEA
- Root Cause Analysis



The background features a large, abstract shape on the right side, composed of several overlapping geometric areas. A large green area is on the left, transitioning into a lighter green area, which then meets a dark blue area on the right. The top edge of the green area is slightly curved. The text "FINAL REMARKS" is centered within the green area.

FINAL REMARKS

- **A clear constitutional mandate:** to regulate and supervise the entire value chain of the hydrocarbons industry in the country.
- **Institutional Architecture:** a blank space to establish a process and systems-based operation.
- **Cutting Edge Regulatory and Permitting Policy:** focused on risk management; goal-oriented; inspired on best practices and operated through comprehensive processes.
- **Multi-level platform inspection:** aligns incentives of the regulator with those of the operators, the re-insurance sector and the verification units.
- **Regulation Strategy:** Based on the needs and times for Round 1 to give total legal certainty to the operators.





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