So What is Next?

- Health Mitigation Plan Implementation Improvement

– Health Department, ENI

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Health in Eni

- **Health**: state of complete physical, mental and social wellbeing, and not merely the absence of disease (WHO, 1948).

- ENI - the promotion of a ‘culture’ of health
HIA Reference System Strengthen

- Environmental, Social and Health Impact Assessment in Exploration/In Development issued 12/2015
- Technical Guideline Methodological approach for health secondary and primary data collection issued 23/2/2016
- Health Impact Assessment Procedure openi hr 013 issued 25/7/2016
HIA Process Phases, Activities and related Deliverables

**HIA phase**
- 1) Screening/scoping
- 2) Health Impact Assessment
- 3) Disclosure
- 4) Implementation and follow-up

**Activity**
- A) Screening
- B) Scoping
- C) Baseline study – define the health profile
- D) Impact assessment – evaluate the health impact
- E) Develop reporting, mitigation plan, and monitoring plan
- F) Report Disclosure
- 4) Implementation of the recommendation and monitoring plan

**Deliverables**
- Pre-HIA Terms of reference of HIA report
- HIA report
- HIA report
- Implementation and monitoring plan
HIA - Standard ESHIA “Environmental, Social and Health Impact Assessment”

Based on the HSE Management System guideline, Eni has developed a standard for the execution of studies based on integrated impact which aims to:

- Integrating E & S & H components
- Multidisciplinary team inclusion
- Integrate into business processes
- Recent integrating process of Human Right Impact Assessment
HIAs in the previous 5 years

- Number of HIA related documents realized

22 in 2014
Algeria/Congo/Cyprus/Ghana/Iraq/Italy/Kenya/Mozambique/Nigeria/Ukraine

8 in 2016
Ghana/Egypt/Algeria/Myanmar/Iraq/Mexico/Italy

17 in 2015
Ghana/Mozambique/USA/Nigeria/China/Iraq/Portugal/Italy

13 in 2017
Cyprus/Egypt/Italy/Tunisia/Nigeria/Kazakhstan

20 in 2018
Tunisia/Mexico/Egypt/Portugal/Congo/Italy/Indonesia/Algeria/Australia/China/Kenya/Nigeria/Vietnam/Ghana/Pakistan
Study Methodology

Step 1
Study Review
- 13 Countries
- 25 Documents
- 2015-2016
- Desktop Review

Step 2
Mitigation plan validation
- Validation with Country Health representative

Step 3
Mitigation Activities Analysis
- Quantification & classification

Step 4
KPI Identification & Monitoring
- Validation with Country Health Representative

- Financial indicator
- Output indicator
- Outcome indicator

- Analysis of numeric result
- Provision of strategic plan
### Methodological Questions to be answered:

- Were technical guidelines on International best practice followed?
- Were the mitigation plans suggested feasible?

<table>
<thead>
<tr>
<th>Countries Conducted HIA related documents</th>
<th>Countries selected for analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algeria, China, Congo, Egypt, Ghana, Iraq, Italy</td>
<td>Algeria, China, Congo, Ghana, Mexico, Mozambique, Myanmar, Portugal</td>
</tr>
</tbody>
</table>

**Inclusion criteria:**
- Onshore/offshore block
- Exploration
- Development
- Large Excavation Project
- English
- Completed during 2015/2016

**Exclusion criteria:**
- Project cancelation
Step 2 - Mitigation Plan Validation

- **Methodological Questions to be answered:**
  - Were the mitigation plans implemented as suggested in the ESHIA documents?

**Countries selected for Validation**
- Algeria
- China
- Congo
- Ghana
- Mexico
- Mozambique
- Myanmar
- Portugal

**Inclusion criteria:**
- Stage of Project
- Geographic coverage: 4 continents

**Exclusion criteria:**
- Offshore project

**Countries selected for follow up**
- Algeria
- China
- Mexico
- Mozambique
- Myanmar
- Portugal
Analysis Category

- Project Type: Oil & Gas & New Energy
- Phase: Exploration VS Development
- Location: Onshore VS Offshore
- Geographic: EU & others
Step 3 – Mitigation Plan Analysis

- **Methodological questions to be answered:**
  - Are there any trends in the mitigation activities?
  - Which opportunity gaps exist in mitigation plan activities?

### Mitigation Analysis
- Countries: 6
- Identified impacts: 17
- Activities reported: 48

### Classification
- Typology of Activities: 21
- Tested Output indicators: 71
- Tested Outcome indicators: 12
Step 4 - KPI Identification and Monitoring

- **Methodological Questions to be answered:**
  - *Are there any ways to strengthening the current technical guidelines compliance processes?*

<table>
<thead>
<tr>
<th>Tested</th>
<th>Final selected KPI</th>
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<td>Typology of Activities: 21</td>
<td></td>
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<td>• Financial indicator</td>
</tr>
<tr>
<td></td>
<td>• Output indicator: 16</td>
</tr>
</tbody>
</table>

- Criteria for Designing Key Performance Indicator:
  - Applicable
  - Easy to understand
  - Feasible for monitoring
Institutional Coping Strategy

Responding to the HIA Challenge

Assigning Annual Objectives

Direct involvement with annual reporting/audits

Continuous education/documents updating

Mitigation plan implementation

QUALITY ON PAPER

IMPLEMENTATION ON THE FIELD
Capacity Building:
• Training by Webinar
• Training by Doing – Direct Involvement from Country Health Representative

Structural Support:
• Management guidelines to regulate the procedure
• Strengthen workshare with related technical departments (Environment & Social)
• Crossover integration beyond technical departments

Strengthen Awareness
• Decentralization to country level in Business objectives
• Integrate into divisional direction
Questions?

- Thank you