



# **Health Impact Assessment integration in oil and gas industry**

11 May 2016

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- HIA in eni
- HIA vs. ESHIA
- HIA vs. Community Investments

# HIA

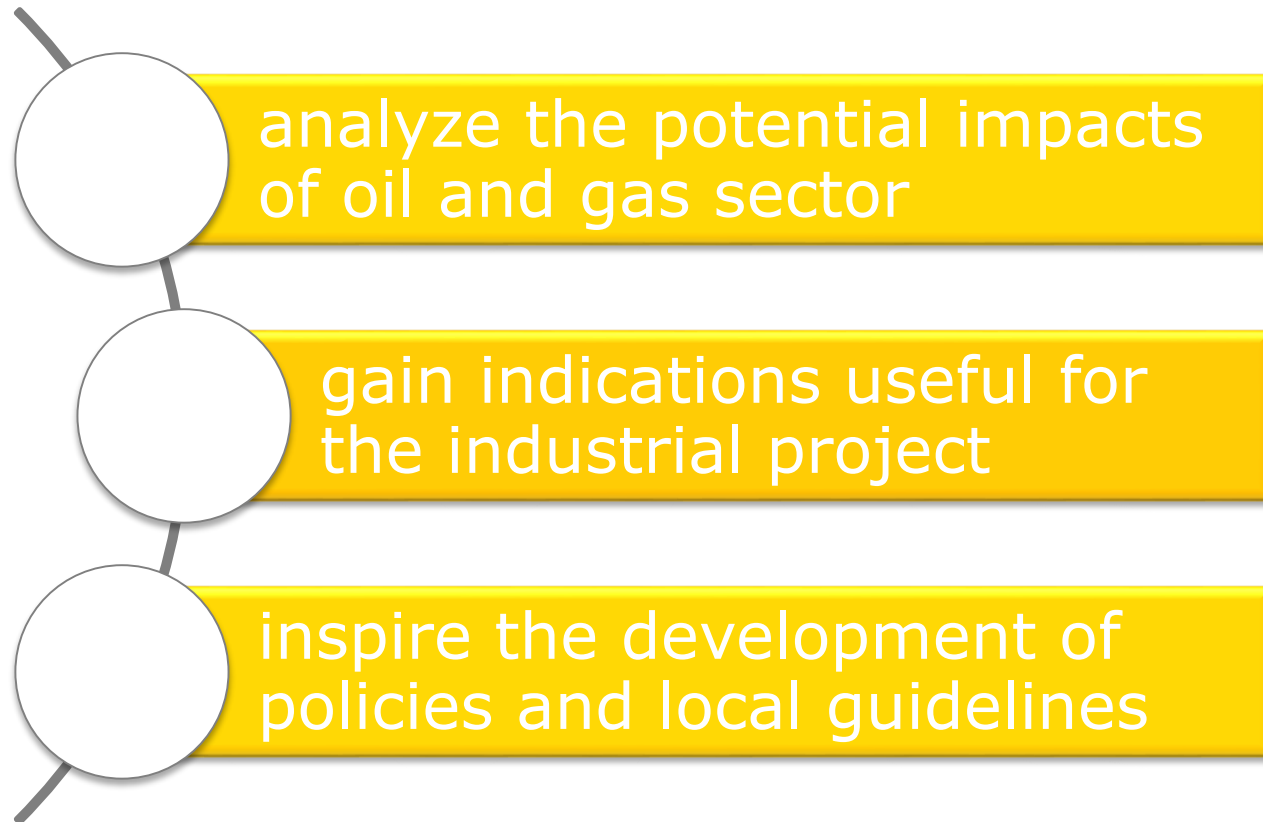
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- **Why** - useful tool for business benefit as also for hosting countries and Country Partners
- **How** - Through the application of a structured methodology and defined
- **When** - The HIA should be performed before:
  - New industrial project
  - Substantial modification of existing activities
  - Required by law/authority
  - particular territories
- **Where** – The HIA should be performed in:
  - Upstream
    - exploration: seismic, exploration drilling;
    - development: Construction, Operations, Decommissioning
  - Midstream
  - Downstream

# Strategic HIA

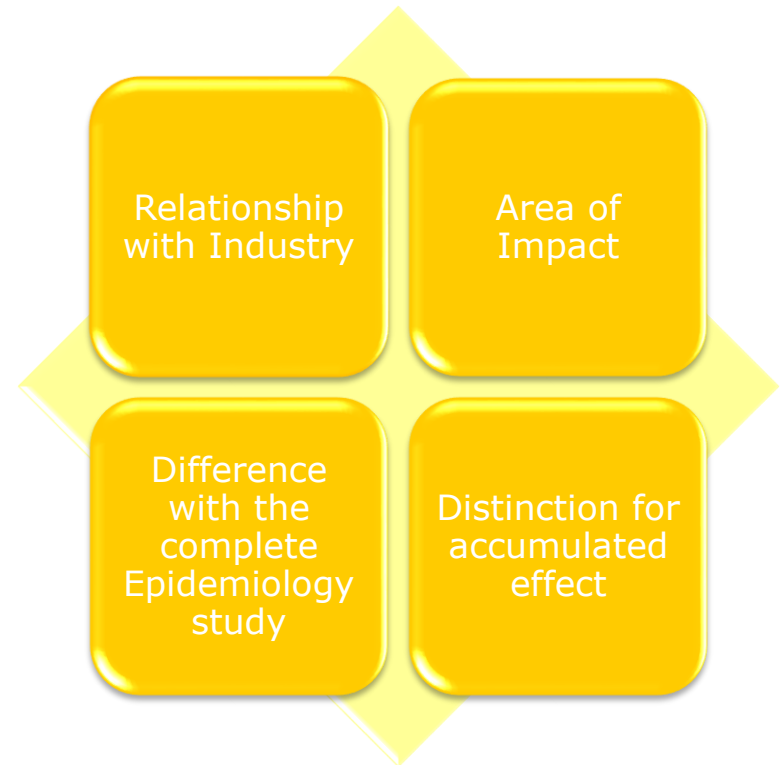
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- A proactive assessment process to strengthen the role of Health in Decision Making

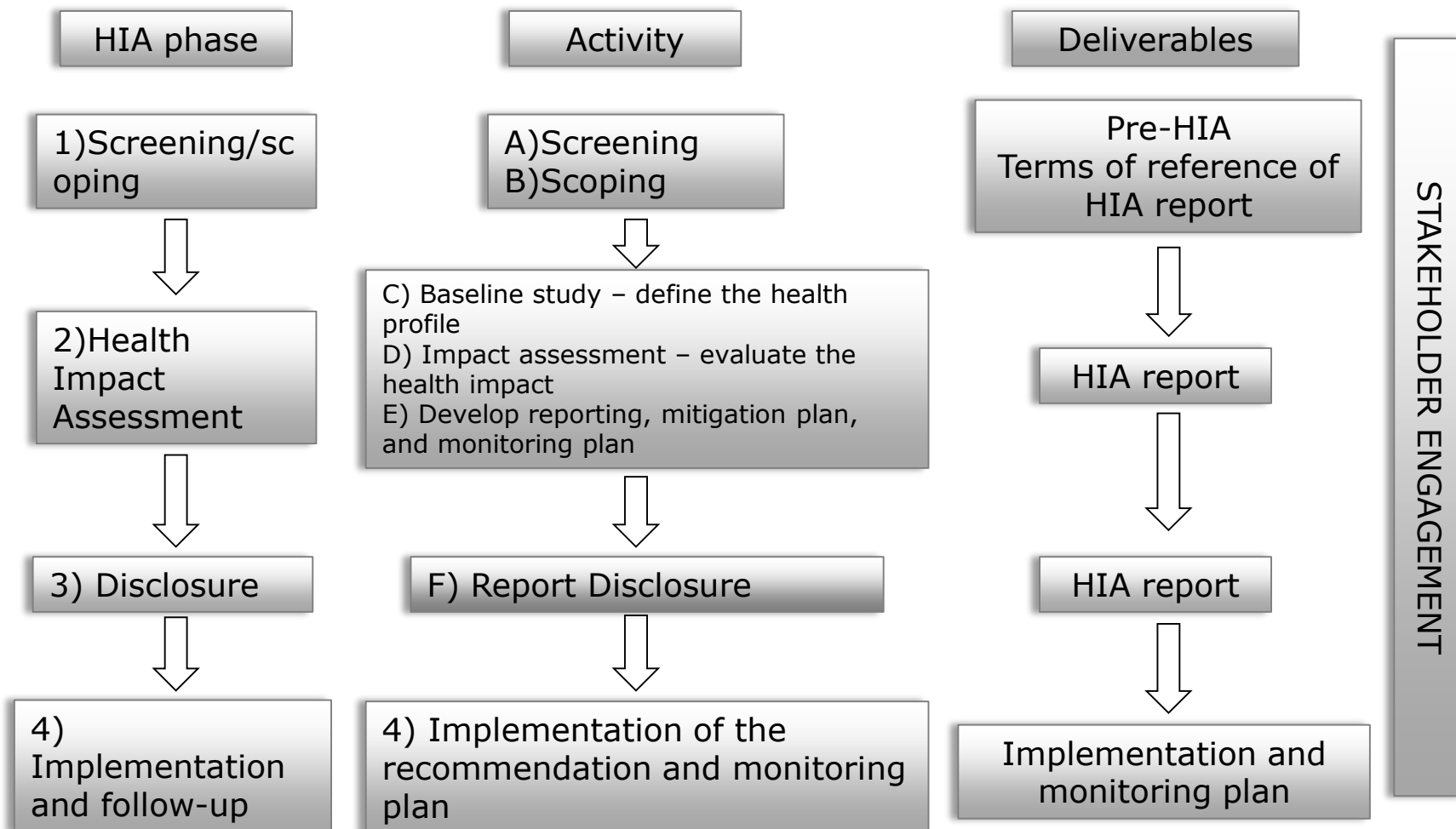


## Health Impact Assessment

- mixture of procedures, methods and instruments
- estimate the potential effects of a specific project on the Health status
- For population in a defined area
- The distribution of these effects on the population impacted

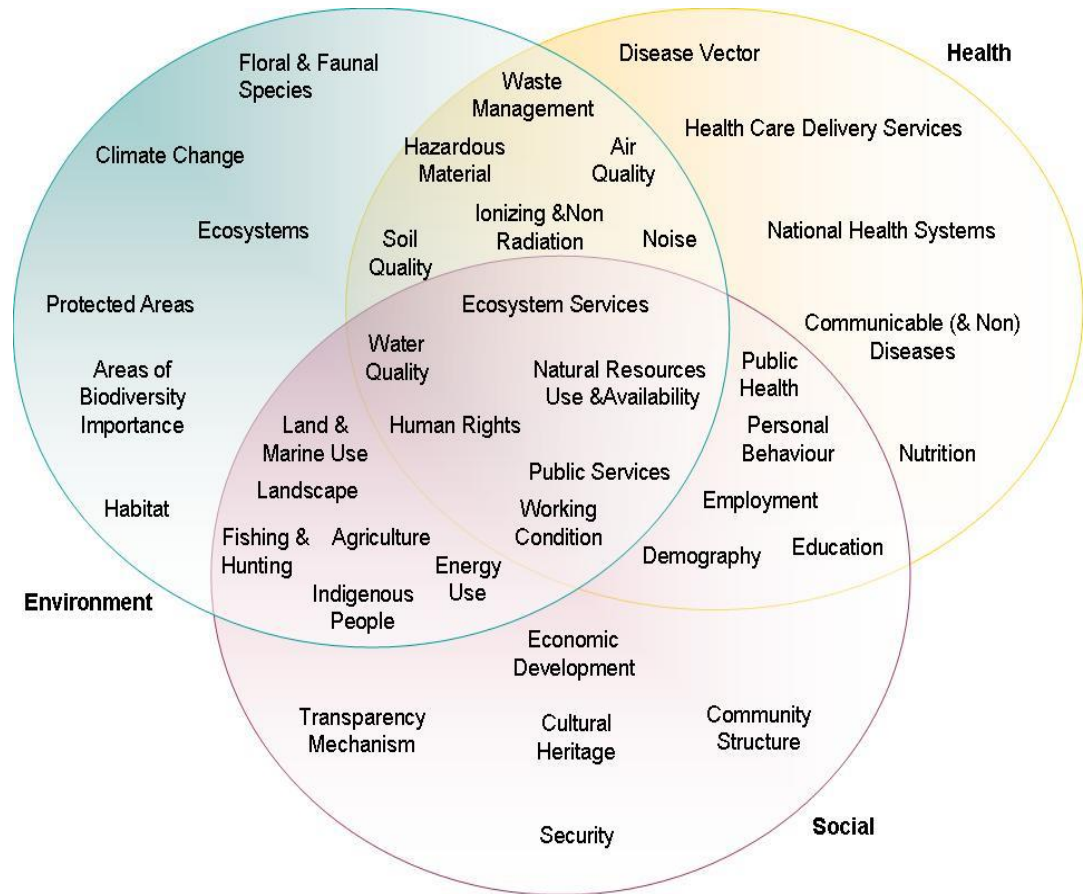


# HIA Process Phases, Activities and related Deliverables



# Standard ESHIA “Environmental, Social and Health Impact Assessment”

- Provide benefits deriving from a single impact assessment approach integrating environmental, social and health components
- Guarantee the involvement of a multidisciplinary team of specialists.
- Integrate the ESHIA into current business processes and the project lifecycle and ensure the findings are incorporated into the project at the earliest possible stages



# Advantage of the Integration

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## Process Integration

- Identify and assess potential project-related impacts across the whole operational life cycle:
  - Evaluation
  - Concept Selection
  - Concept Definition
  - Execution
  - Commissioning, Start-up and Performance Test

## Team Integration

- Multidisciplinary team:
  - Legal/permitting expert
  - Environmental/chemical/process engineer
  - Geologist
  - Biologist/Ecologist
  - Socio-economist
  - Land acquisition and government affair
  - Archaeologist
  - Public Health Expert/Medical doctor
  - GIS/Satellite Images expert

## Assessment and implementing Integration

- Specify mitigation measures, monitoring and management plans in multi-sectors
- Promote sustainable action plan in multi-sectors





# Supporting Business Processes : ESHIA & HIA Deliverables

## Health Impact Assessment / ESHIA

### 2015

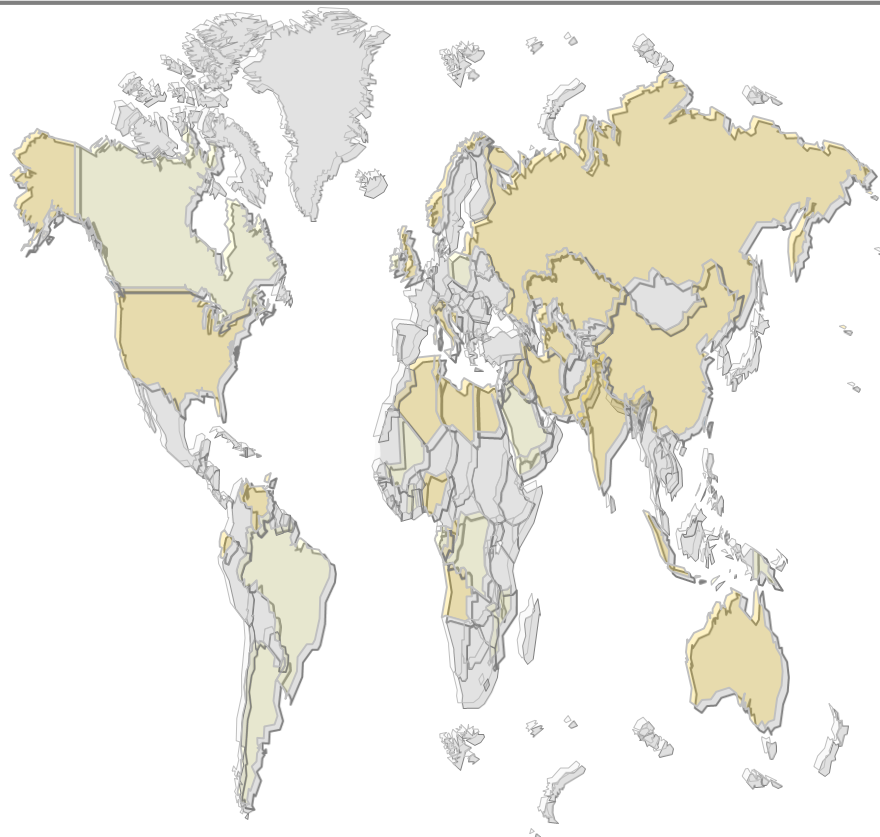
- 1.Ghana
- 2.Mozambique
- 3.USA
- 4.Nigeria
- 5.China
- 6.Iraq
- 7.Portugal
- 8.Italy

### 2014

- 1.Algeria
- 2.Congo
- 3.Cyprus
- 4.Ghana
- 5.Iraq
- 6.Italy
- 7.Kenya
- 8.Mozambique
- 9.Nigeria
- 10.Ukrain

### 2013

- 1.Australia
- 2.Cipro
- 3.Italia
- 4.Iraq
- 5.Indonesia
- 6.Kenya

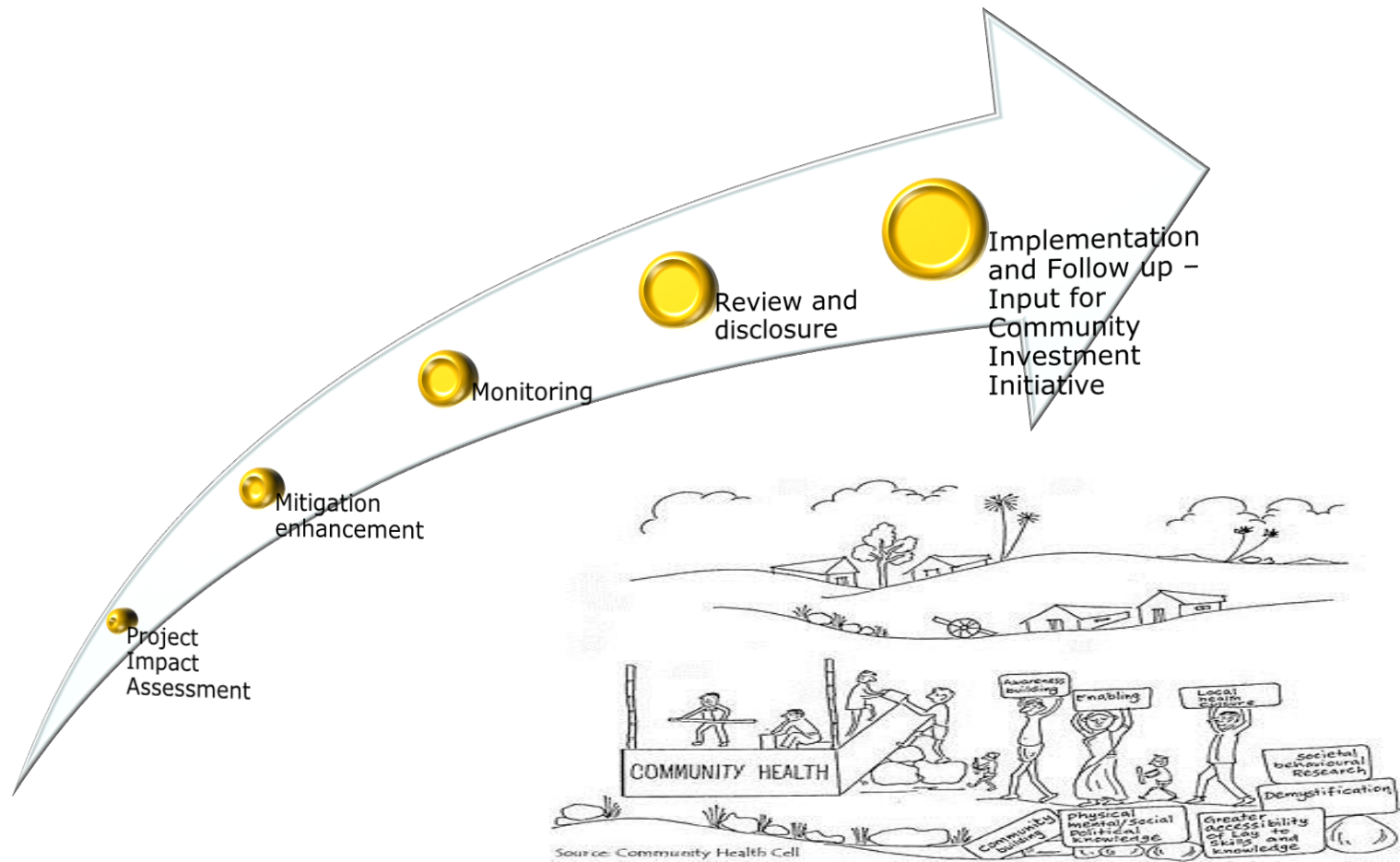


	ANNUAL PLAN 2016	ANNUAL PLAN 2017	ANNUAL PLAN 2018	ANNUAL PLAN 2019	TOTAL
TOTAL ESHIA/HIA documents	32	40	23	21	116





# Fitting Mitigation Measures with Community Initiatives



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**Thank you!**



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