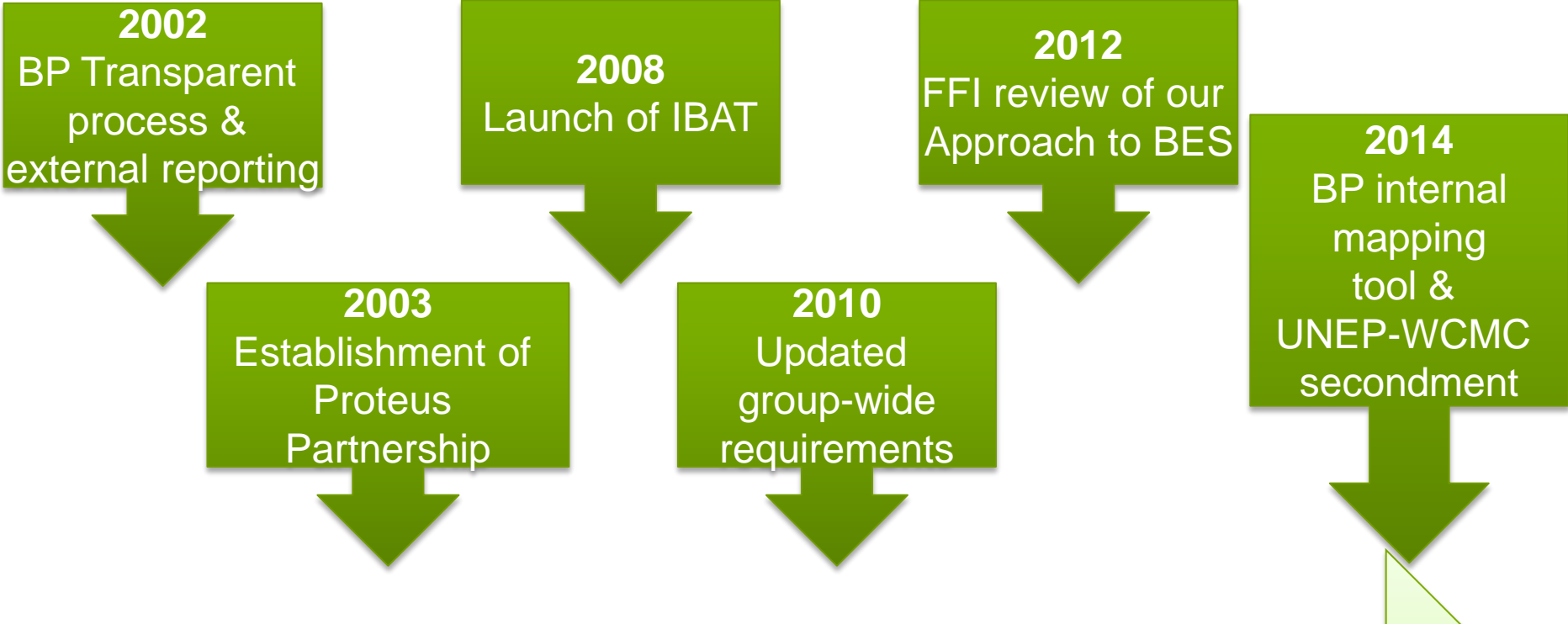




# Protected Areas & Biodiversity: Mainstreaming protected areas into business decision making

Mark Johnston  
Nov 2014

# Mainstreaming into Decision Making



# Using the WDPA



- During the **screening of new access, major projects and project** which enter or could affect protected areas.
- In framing our **risk-based approach** to avoid and minimize our potential impacts to protected areas and biodiversity.
- In **external report**, the location of our major operations in relation to protected and biodiversity sensitive areas.



# Screening of new access & major projects



Screening



ESIA



ESMMP



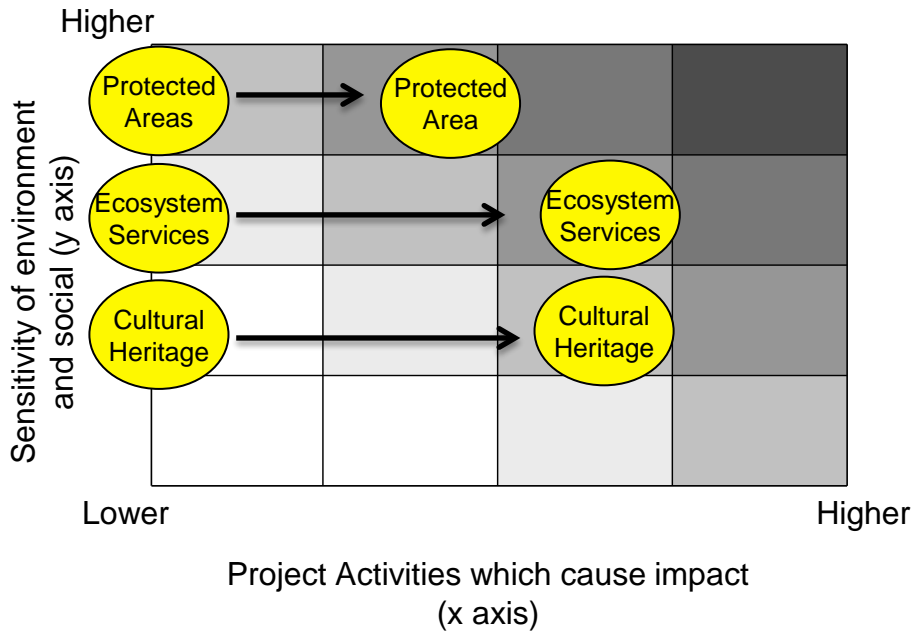
Operations  
EMS

<ul style="list-style-type: none"> <li>• <b>Protected areas</b></li> </ul>	<ul style="list-style-type: none"> <li>• Corruption &amp; bribery</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Protected/endangered species</b></li> </ul>	<ul style="list-style-type: none"> <li>• Social tension</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Environmentally sensitive areas</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Indigenous people</b></li> </ul>
<ul style="list-style-type: none"> <li>• <b>Freshwater resources</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Cultural heritage</b></li> </ul>
<ul style="list-style-type: none"> <li>• <b>Ecosystem goods &amp; services</b></li> </ul>	<ul style="list-style-type: none"> <li>• Community health</li> </ul>
<ul style="list-style-type: none"> <li>• Greenhouse gas emissions</li> </ul>	<ul style="list-style-type: none"> <li>• Community disturbance &amp; safety</li> </ul>
<ul style="list-style-type: none"> <li>• Air quality</li> </ul>	<ul style="list-style-type: none"> <li>• Employment/Economic opportunity</li> </ul>
<ul style="list-style-type: none"> <li>• Waste</li> </ul>	<ul style="list-style-type: none"> <li>• Physical resettlement</li> </ul>
<ul style="list-style-type: none"> <li>• Drilling waste</li> </ul>	<ul style="list-style-type: none"> <li>• Economic resettlement</li> </ul>
<ul style="list-style-type: none"> <li>• Waste water discharge</li> </ul>	<ul style="list-style-type: none"> <li>• Security &amp; human rights</li> </ul>
<ul style="list-style-type: none"> <li>• Unintentional releases</li> </ul>	<ul style="list-style-type: none"> <li>• Labour &amp; welfare</li> </ul>
<ul style="list-style-type: none"> <li>• Soil &amp; groundwater impacts</li> </ul>	<ul style="list-style-type: none"> <li>• Infrastructure quality</li> </ul>
	<ul style="list-style-type: none"> <li>• Legacy issues</li> </ul>

# Screening of new access & major project



Environmental and Social Impact Matrix



**Step 1: Identify the sensitivities for each indicator, e.g. IUCN category I-IV protected area.**

**Step 2: Assess the level of potential impact to the sensitivity, e.g. potential to affect the conservation objectives of the protected area.**

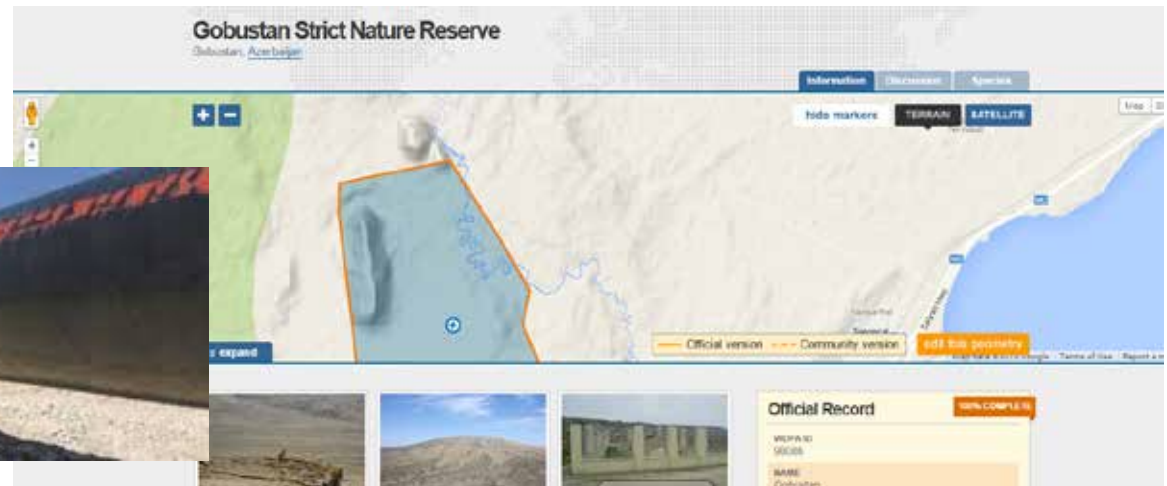


# Screening of new access & major project

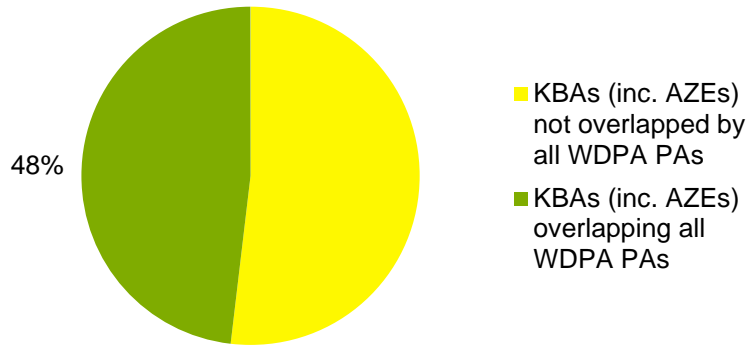


## Avoiding medieval settlements - Azerbaijan

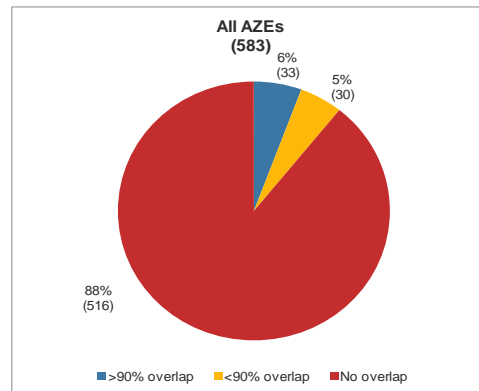
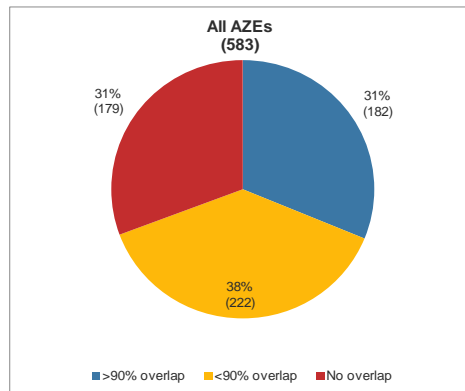
- The planned route for the pipeline included part of the Gobustan Cultural Reserve, a UNESCO World Heritage site
- Redesigned the pipeline configuration to avoid affecting a cultural heritage site & strict nature reserve (before undertaking the ESIA).
- The ESIA then identified other sensitive areas outside the WHS, including potential burial mounds, traces of medieval road - established a buffer zone and avoided sensitive areas.



## What is the overlap between important biodiversity areas and protected areas?



- Only 48% of the geographical area covered by KBAs overlap with WDPAs protected areas.
- Only 69% of AZEs are within or overlap with WDPAs protected areas.
- Only 12% of AZEs are within or overlap with natural and mixed World Heritage Sites.



# External Reporting: Major operating sites



Protected Areas	Inside the boundary	Adjacent (within 1km) to the area	Near (between 1km and within 5km) to the area	Close (between 5km and within 20km) to the area
World Heritage Site	2	0	0	0
Ramsar site	1	2	2	4
IUCN Category I- IV	3	4	9	15
IUCN Category V-VI	1	2	5	11
IUCN not reported	1	2	1	3

Biodiversity sensitive areas	Inside the boundary	Adjacent (within 1km) to the area	Near (between 1km and within 5km) to the area	Close (between 5km and within 20km) to the area
Key Biodiversity Areas	3	4	4	8
Alliance of Zero Extinction Sites	None	None	None	None

Source: [www.bp.com](http://www.bp.com), Sustainability Report 2013





# In summary



- Protected areas play a vital role in conserving biodiversity.
- Protected areas are integrated into the way we make decisions & our risk-based approach to avoid and minimize our impacts.  
...but the challenges is to balance with economic and community well-being.
- **businesses should be seen as part of the solution**, not the problem.



Thank you

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