SEA CONTRIBUTES TO OIL INDUSTRY REGULATION POLICY

Orlanda Domingos, Manuel Rebelo Marques

Centro de Investigação em Ciências do Ambiente e Empresariais

INSTITUTO SUPERIOR DOM AFONSO III
LOULÉ, PORTUGAL
Petroselium Potencial

Exclusive Economic Zone

3rd largest of the EU

20th largest in the world

Source: POEM, 2010
OUTER LIMITS OF THE EXTENDED CONTINENTAL SHELF

PURSUANT TO ARTICLE 78 PARAGRAPH 8 OF THE UNITED NATIONS CONVENTION ON THE LAW OF THE SEA

SOURCE: www.emam.com.pt
PETROLEUM POTENTIAL

CONCESSION STATUS

CONCESSION AREAS

INTEREST AREAS

AREA WITH REALIZED STUDIES

SOURCE: DPEP, 2011
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22 September 2011

PETROLEUM POTENTIAL

UPSTREAM SEGMENT OF OIL INDUSTRY

PROSPECTING AND EXPLORATION

- SEISMIC SURVEYS
- EXPLORATION DRILLING

DEVELOPMENT

- PRODUCTION PLAN
- GENERAL DEVELOPMENT PREPARATION

PRODUCTION

- COMMERCIAL PRODUCTION

ABANDONMENT

- TEMPORARY OR PERMANENT
OIL INDUSTRY REGULATION POLICY

DIRECTIVES
LAWS
CONVENTIONS
PROTOCOLS
DECREES
ADMINISTRATIVE CONCESSION CONTRACT

DIVISÃO PARA A PESQUISA E EXPLORAÇÃO DE PETRÓLEO
Direcção Geral de Energia e Geologia
Ministério da Economia, da Inovação e do Desenvolvimento

AGÊNCIA PORTUGUESA DO AMBIENTE
Ministério da Agricultura, do Mar, do Ambiente e do Ordenamento do Território
OIL INDUSTRY REGULATION POLICY

INVESTMENT ATTRACTION

POLICY

SCIENTIFIC KNOWLEDGE ACQUIREMENT

UPSTREAM ACTIVITIES DEVELOPMENT
Article 71

Environmental and landscape protection

1. The concessionaires must adopt adequate measures to minimize the environmental impact caused by their activities, ensuring the maintenance of the surrounding ecosystem and protecting the cultural heritage, strictly adhering to the applicable laws.

2. For the effects of the previous number and without prejudice to other legally required measures, the concessionaire must in due time, when applicable, present plans to the GPEP specifying the preventive measures to be used against pollution of surface water and contamination of aquifers as well as plans for treating (and disposing of) the drilling effluents.

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STRATEGIC-BASED METHODOLOGY*

* Partidário, 2007, Guide for Good Practice SEA
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SEA

STRATEGIC OPTIONS

THEMATIC

INSTITUTIONAL

GOVERNANCE

ARTIFICIALIZACIEN

CENTRALIZED COMPETENCES

PRIVATE INTERVENTION

SOCIO-ECOLOGICAL SYSTEM

ARTICULATED COMPETENCES

PUBLIC-PRIVATE COOPORATION

NATURALIZATION

FRAGMENTED COMPETENCES

STRENGTHERING THE ROLE OF THE STATE AND PUBLIC

ADAPTED FROM: ENGICZ, 2010
SEA:

CRITICAL FACTORS FOR DECISION-MAKING (CFD) ASSESSMENT CRITERIA (AC)

GOVERNANCE
- INTEGRATED POLICY AND MANAGEMENT
- INTERDISCIPLINARY KNOWLEDGE MONITORING AND INFORMATION MANAGEMENT
- EDUCATION, TRAINING AND PROFESSIONAL CAPACITY-BUILDING
- INSTITUTIONAL COOPERATION AND STAKEHOLDERS ENGAGEMENT

COASTAL RESOURCES AND USES
- SEA’S ECONOMY AND RESOURCES MANAGEMENT
- LOCAL COMMUNITIES

NATURAL AND TECHNICAL RISKS
- ENVIRONMENTAL QUALITY AND LIMITS OF ACCEPTABLE CHANGE
- VULNERABILITY TO CLIMATE CHANGE

ECOLOGICAL SYSTEMS
- ECOLOGICAL APPROACH
- SAVEGUARD AND VALUATION OF NATURAL, CULTURAL HERITAGE AND BIODIVERSITY

ADAPTED FROM: ENGIZC, 2010

PRAHUE, CZECH REPUBLIC
22 SEPTEMBER 2011
SEA

OPPORTUNITIES AND RISKS

CRITICAL FACTORES FOR DECISION-MAKING (CFD)

STRATEGIC OPTIONS

RISKS AND OPPORTUNITIES

ADAPTED FROM: ENGIZC, 2010
SEA

OPPORTUNITIES AND RISKS

CRITICAL FACTORS FOR DECISION-MAKING (CFD)

STRATEGIC OBJECTIVES

RISKS

OPPORTUNITIES

ADAPTED FROM: ENGIZC, 2010
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CONCLUSIONS

WHAT ARE THE MAIN STRENGTHS, WEAKNESSES, OPPORTUNITIES AND THREATS IN CURRENT PRACTICE OF SEA IN KEY SECTORS?

**MAIN STRENGTHS**
- Proactive instrument that assists and facilitates decision-making at strategic levels
- Flexible, diversified, tailor-made to each decision process
- Ensure a holistic, integrated a long term perspective in a real strategic context
- Participated

**WEAKNESSES**
- Data availability and quality
- Few standardized methodologies for policies
- Subjectivity analysis
- Uncertainties of the outcomes
- Political engagement and acceptance
- Causality

**OPPORTUNITIES**
- International pressure to introduce SEA to sectoral policies
- Variety of SEA approaches allows a wide-ranging application

**THREATS**
- Lack of political interest
- Weak awareness of decision-makers and public
- Different cultural perspectives
CONCLUSIONS

WHAT ARE THE FUTURE VISIONS AND WAYS FORWARD?

- Implementation of SEA at the level of the formulation of sectoral policies
- SEA should present itself as a flexible process, easily adaptable to strategic action and to socio-political context
- Strengthening mechanisms for quality control of the SEA process, including the existence of requirements and guidelines to ensure compliance and consistency
STONES ON THE ROAD??
I KEEP ALL, ONE DAY I'LL BUILD A CASTLE ...

FERNANDO PESSOA
THANK YOU

Orlanda Domingos
om.domingos@gmail.com

Centro de Investigação em Ciências do Ambiente e Empresariais
cicae@inuaf-studia.pt

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