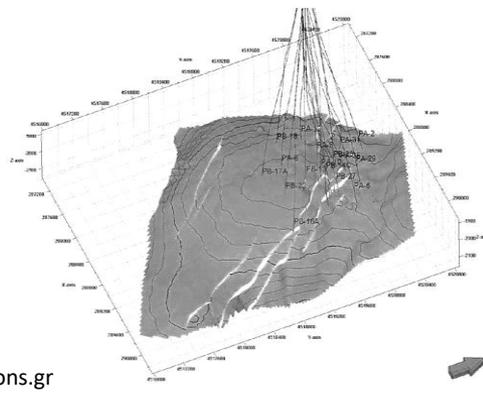




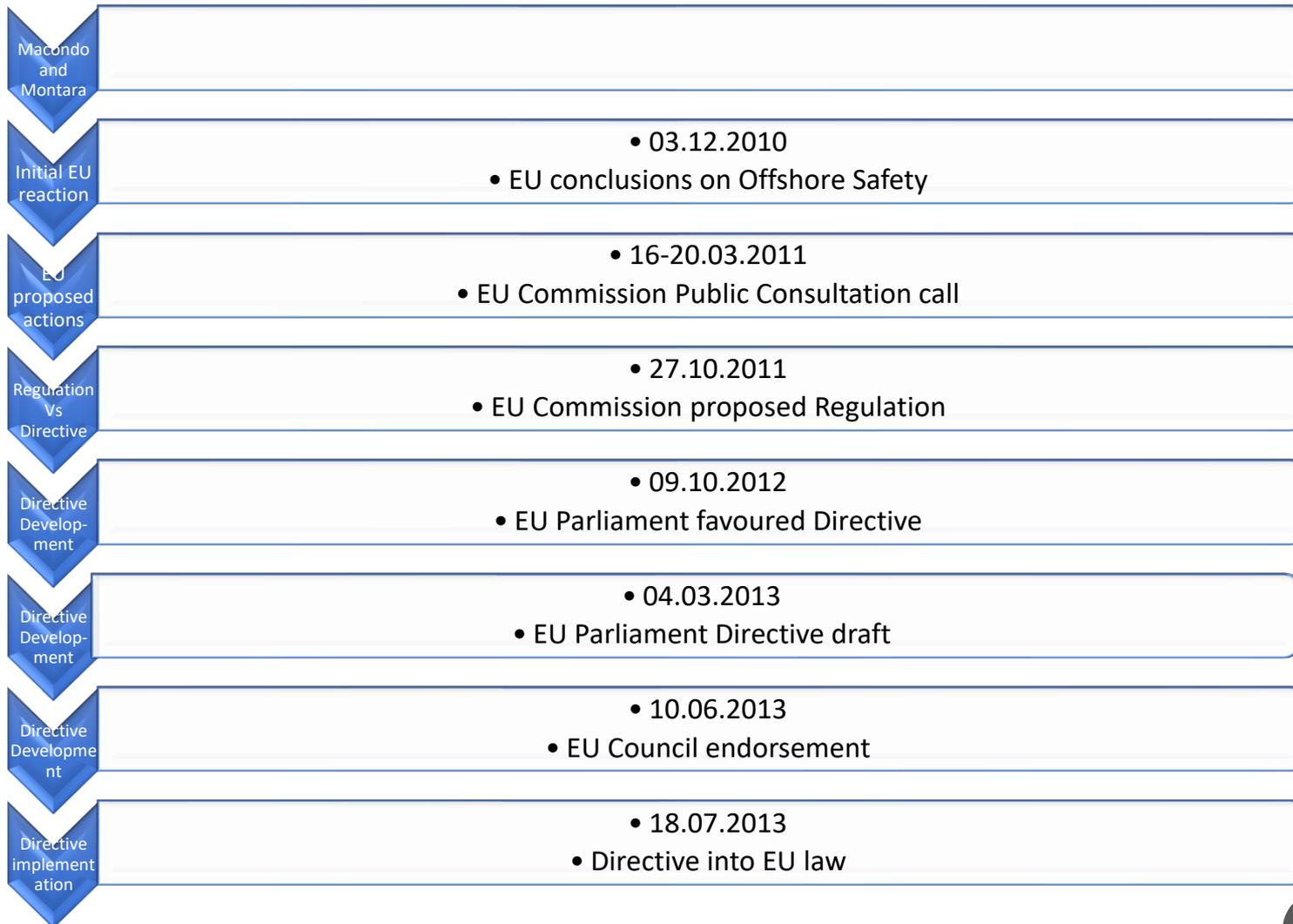
2nd East Mediterranean Energy Law Forum

30 November 2018

Offshore Safety Regulation in Greece



2013/30/EU Directive for Offshore Safety



Definitions

- **Major Accidents** (in relation to an installation or connected infrastructure)
 - a. An incident involving an explosion, fire, loss of well control, or release of oil, gas or dangerous substances involving, or with a significant potential to cause fatalities or serious personal injury
 - b. An incident leading to serious damage to the installation or connected infrastructure involving, or with a significant potential to cause, fatalities or serious personal injury
 - c. Any other incident leading to fatalities or serious injury to five or more persons who are on the offshore installation where the source of danger occurs or who are engaged in an offshore oil & gas operation in connection with the installation or connected infrastructure
 - d. Any major environmental incident resulting from incidents referred to in points a, b, and c

Definitions

- **Offshore**

Situated in the Territorial Sea, the Exclusive Economic Zone or the Continental Shelf of a Member State according to the United Nations Convention on the Law of the Sea

- **Offshore oil and gas operations**

All activities associated with an installation or connected infrastructure, including design, planning, construction, operation and decommissioning for exploration and production of oil or gas

HHRM is the Competent Authority

2013/30/EU
Offshore Safety
Directive
(OSD)

Law 4409/2016
(transposition of
the OSD)

HHRM SA
appointed
Competent Authority
July 2016

HHRM is the Competent Authority

- In 2018 HHRM has concluded its collaboration with DNV GL, an international expert, in order to organize the monitoring of the existing offshore operations in Greece. The tender was carried out in cooperation with the European Bank for Reconstruction and Development (“EBRD”).
- A gap analysis between the EU Directive and the Greek Law was done and HHRM published a series of Guidance documents, which aim to assist the Oil & Gas Operators and Owners in Greece to fulfil their regulatory duties.

Competent Authority - Responsibilities

- The responsibilities of HHRM include:
 - Assessing and accepting Reports on Major Hazards; assessing design notifications and notifications of well operations or notifications of combined operations
 - Overseeing compliance by operators and owners of the Greek Offshore Safety Law, including inspections, investigation and enforcement actions
 - Advising other authorities or bodies
 - Making annual plans and producing reports
 - Cooperating with other EU Competent Authorities
 - Proposing the issuing of safety regulations and regulatory acts

External Emergency Response Plan

- According to art. 29 of the Law 4409/2016 and in collaboration with relevant Greek authorities, HHRM is responsible for the preparation of an External Emergency Response Plan covering all offshore oil and gas installations within its jurisdiction.
- The working group has been already formed and initiated its operations.

External Emergency Response Plan



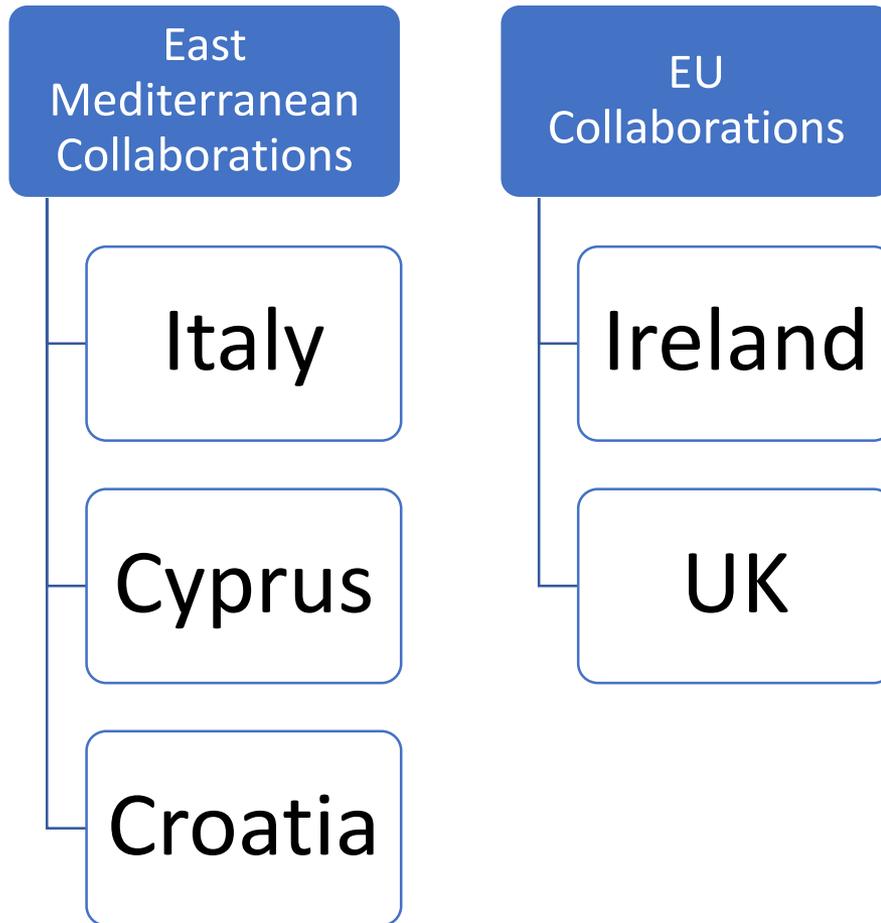
National collaboration of HHRM

- Preparation and implementation of coordinated or joint procedures with other authorities such as the coordination of inspections and the investigation of any potential incident.
- Drafting of a number of ministerial decisions that are indicated in the Greek Law.

International collaboration of HHRM

- Member of the EU Offshore Authorities Group
- Participation in workshops in Croatia, Italy, Belgium
- Collaboration with the Joint Research Centre (JRC) of the European Commission in the areas of inspection procedures, confidential reporting and the preparation of the External Emergency Response Plan
- Agreements with Italy, Croatia and Ireland for the exchange of expertise and best practices

Cooperation Agreements



HHRM has also submitted proposals for EU funding aiming to cover expenses for the exchange of technical expertise:

- Structural Reform Support Program (Italy)
- Sealines Project (Italy, Cyprus, Croatia, Egypt, France, Malta, Montenegro)

HHRM's activities in 2018

In 2018 HHRM:

- Assessed and Accepted 3 Reports on Major Hazards
- Assessed 6 Notifications of Well Operations
- An Inspection has been conducted on a Mobile Drilling Unit
- Is currently assessing a Design Notification for a new platform and 2 Notifications of Well Operations

Sharing of Information

HHRM's website has a section dedicated to O

It offers information for the public a
includes the annual

HHRM

HELLENIC HYDROCARBON
RESOURCES MANAGEMENT

ROMH AND NOTIFICATION REQUIREMENTS

UNDER L4409/2016



Release Date: 01 March 2018
Revision Date: 01 March 2018
Revision No.: 1

HRM

HYDROCARBON
RESOURCES MANAGEMENT

GUIDANCE

4409/2016



01 March 2018
01 March 2018
on No.: 1

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HYDROCARBON
RESOURCES MANAGEMENT

IN GUIDANCE

4409/2016



01 March 2018
01 March 2018
on No.: 1

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HYDROCARBON
RESOURCES MANAGEMENT

REPORT ON MAJOR HAZARDS

4409/2016



01 March 2018
01 March 2018
on No.: 1

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HYDROCARBON
RESOURCES MANAGEMENT

Policy and Strategy

4409/2016



01 March 2018
01 March 2018
No.: 1



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