ENERGY DEVELOPMENTS IN SE EUROPE : RIDING THE GLOBAL TRENDS

**ESCP Europe Business School** 

November 28, 2017

# The Oil and Gas Upstream Potential in Greece

Hellenic Hydrocarbon Resources Management SA



28 November 2017

www.greekhydrocarbons.gr

Yannis Bassias President and CEO of HHRM



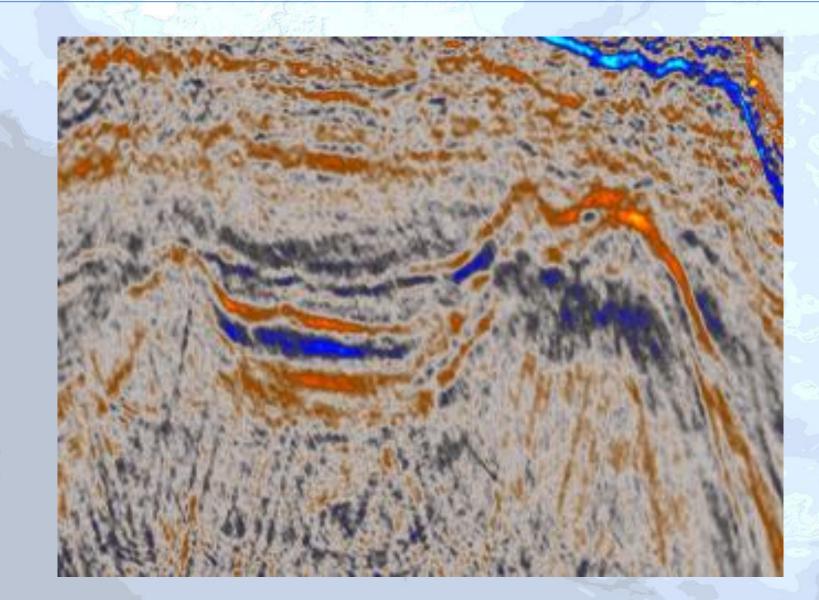
#### The position of Greece in the Mediterranean



Western part of the Eastern Mediterranean - Eastern part of the Western Mediterranean

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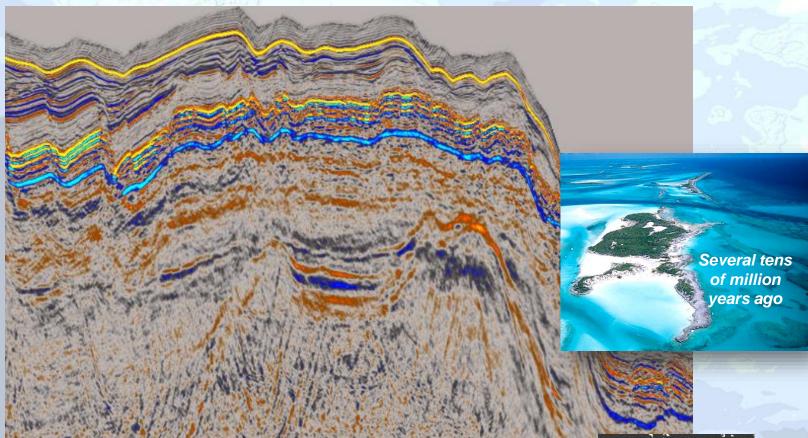


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### Western and South of Crete Blocks





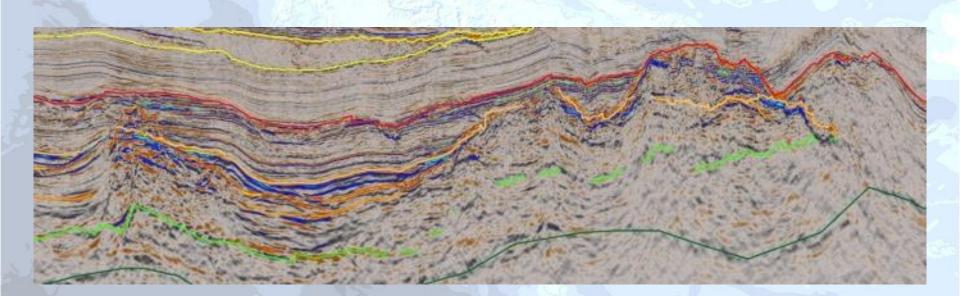
#### WD at structure: 430 m TWT of structure: 950 msec Structure width: ca. 7 km Reefal carbonates "atoll type", sealed by onlapping lagoonal seds. and Messinian Evaporites



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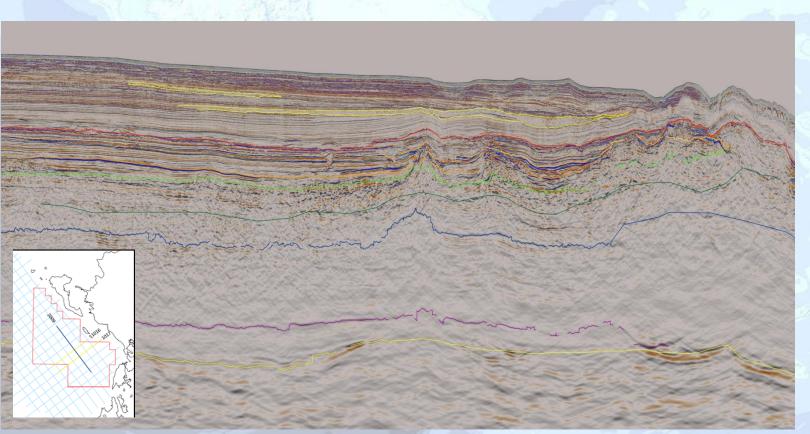




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### Ionian Block - 2017



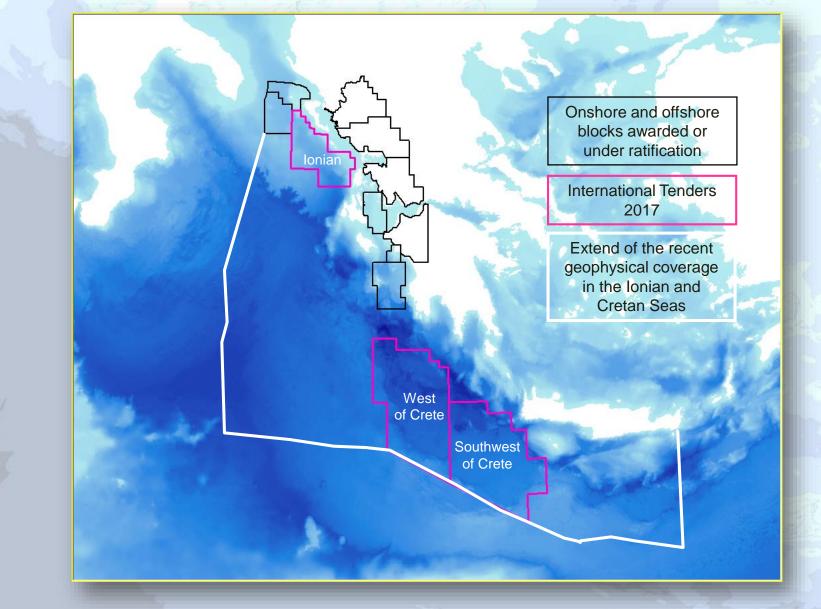


WD at structure: 1,590 m TWT of structure top: 2,9 sec Isolated carbonate build up sealed by Neogene pelagic seds. and Evaporites Max width: 9 km, 3 km each rim Various channels to be observed



#### Acreage situation in November 2017

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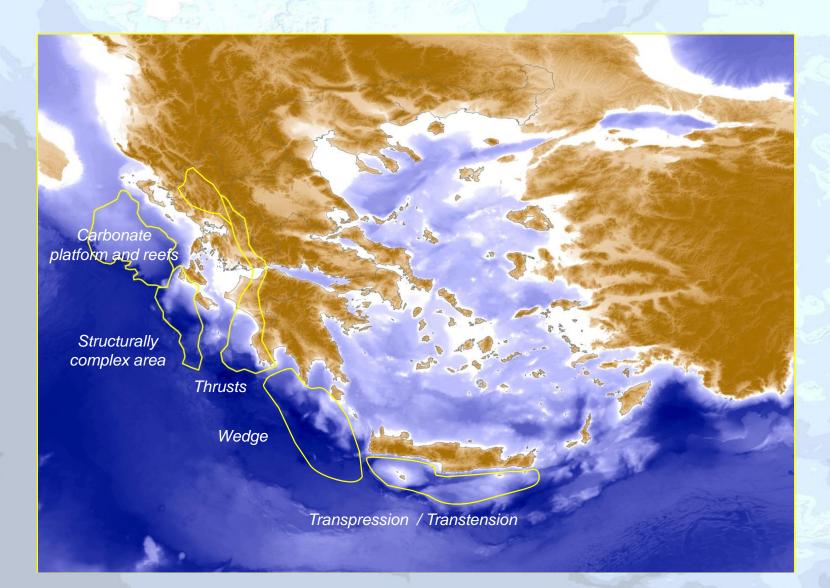


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#### The geological environments address distinct petroleum interests





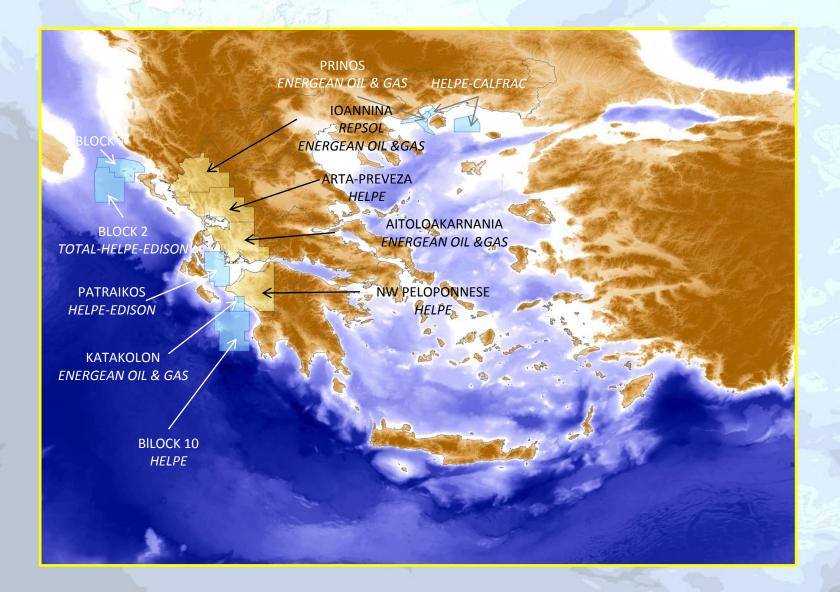
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#### Blocks awarded or under ratification process

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#### The platform and its eastern slope in the Ionian Sea

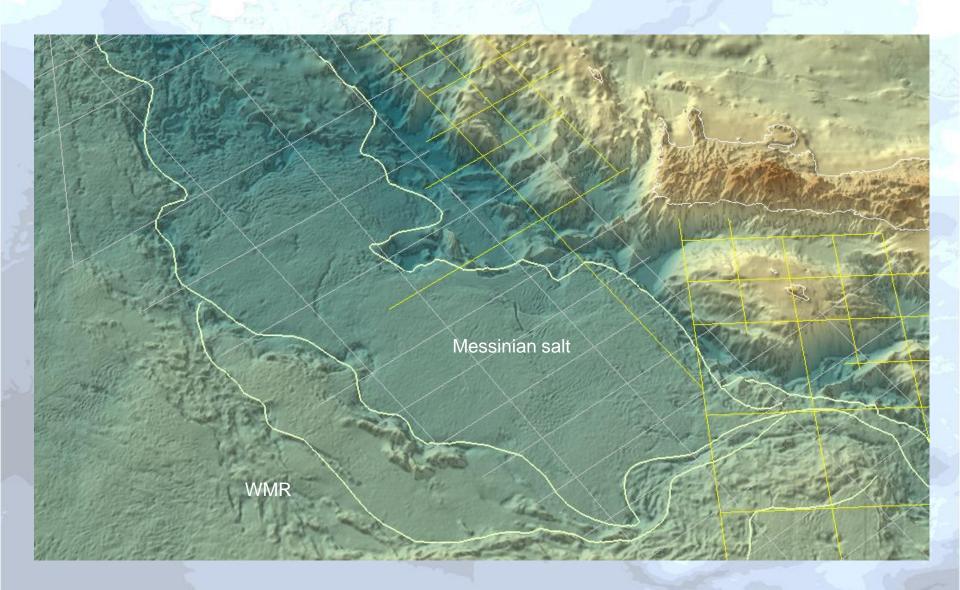






#### Pre-salt targets southwest and west of Crete

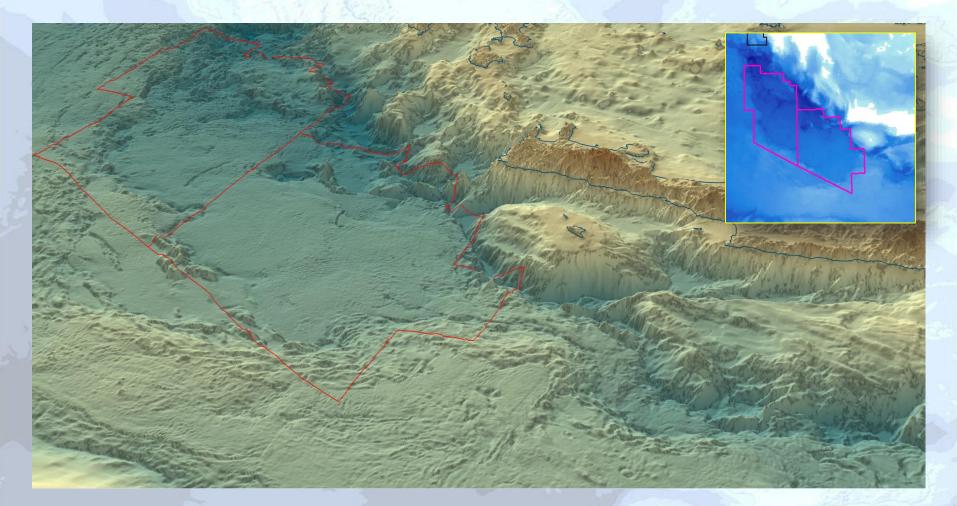




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# E Δ E Y Distinct geological environments in western and southern Greece

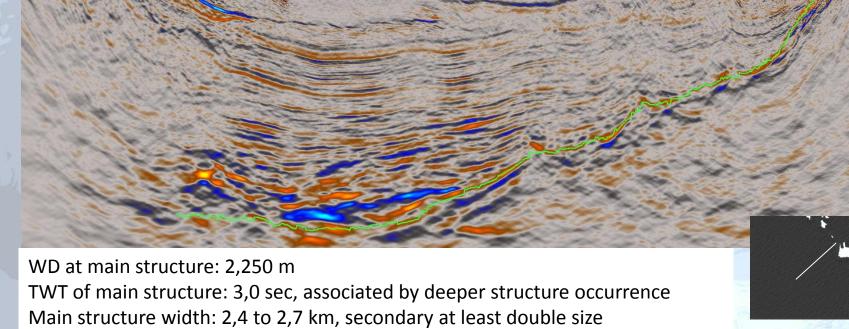




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### Western and South of Crete Blocks – 2017#3009



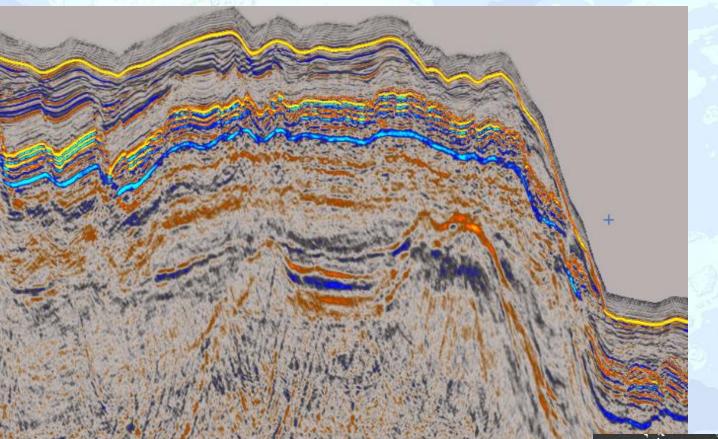


TWT Messinian Salt thickness: min. 100 msec (seal) Cretaceous carbonates erosional surface in green

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### Western and South of Crete Blocks – 2017#3011

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WD at structure: 430 m TWT of structure: 950 msec Structure width: ca. 7 km Reefal carbonates "atoll type", sealed by onlapping lagoonal seds. and Messinian Evaporites



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### South of Crete, new plays – 2017

WD at main structure: 3,500 m TWT of main structure: 5,2 sec Structure width: ca. 7 km Occurrence of shallower structures Reefal carbonates, sealed by onlapping fan seds. and Messinian Evaporites

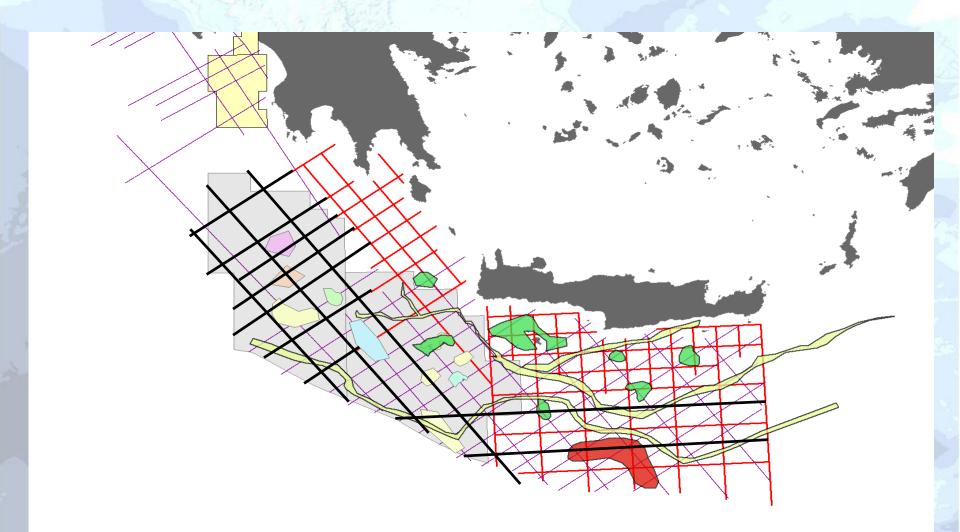


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### Lead targets below the evaporites

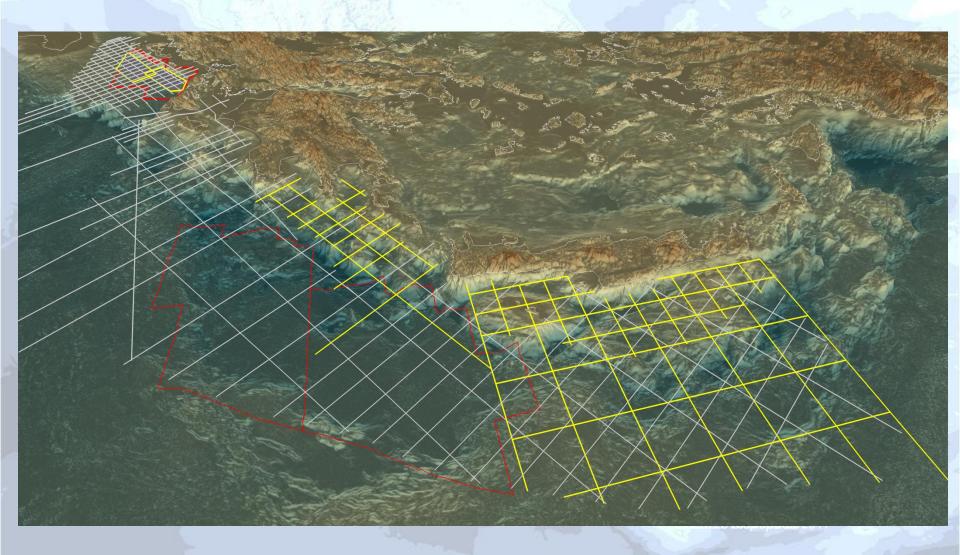




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### Present and future geophysical coverage



### Hellenic Hydrocarbon Resources Management S.A.



"A competent independent authority, exercising exclusively the Hellenic Republic's rights to hydrocarbon resources (i.e. managing upstream activities and licensing)"

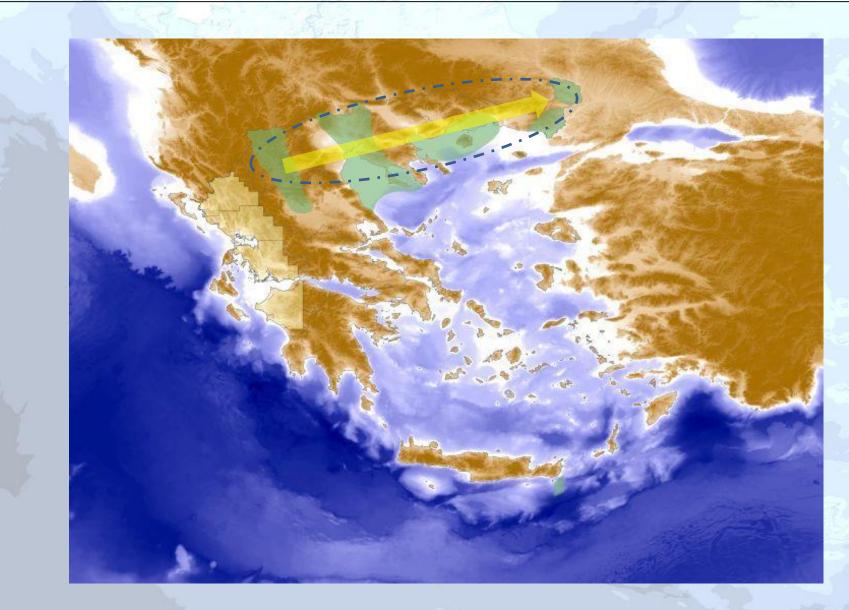
HHRM is a state company but <u>not</u> a NOC !

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### THANK YOU

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