



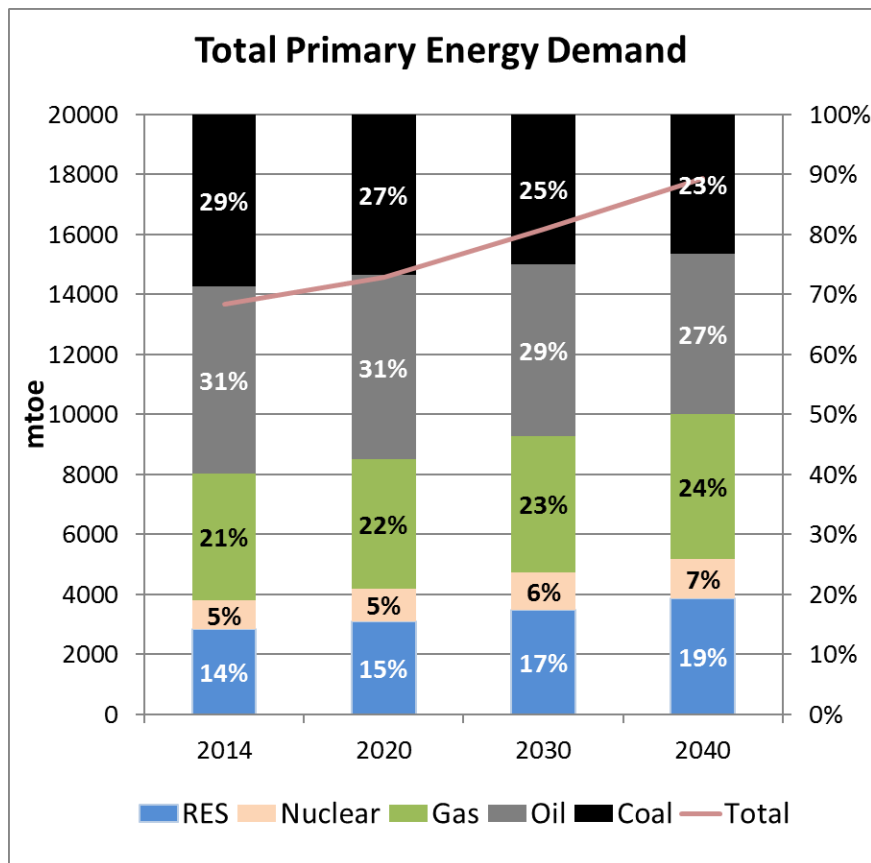
1st Oil & Gas Forum

Greece: A Prospective Key Energy Player in South East Europe

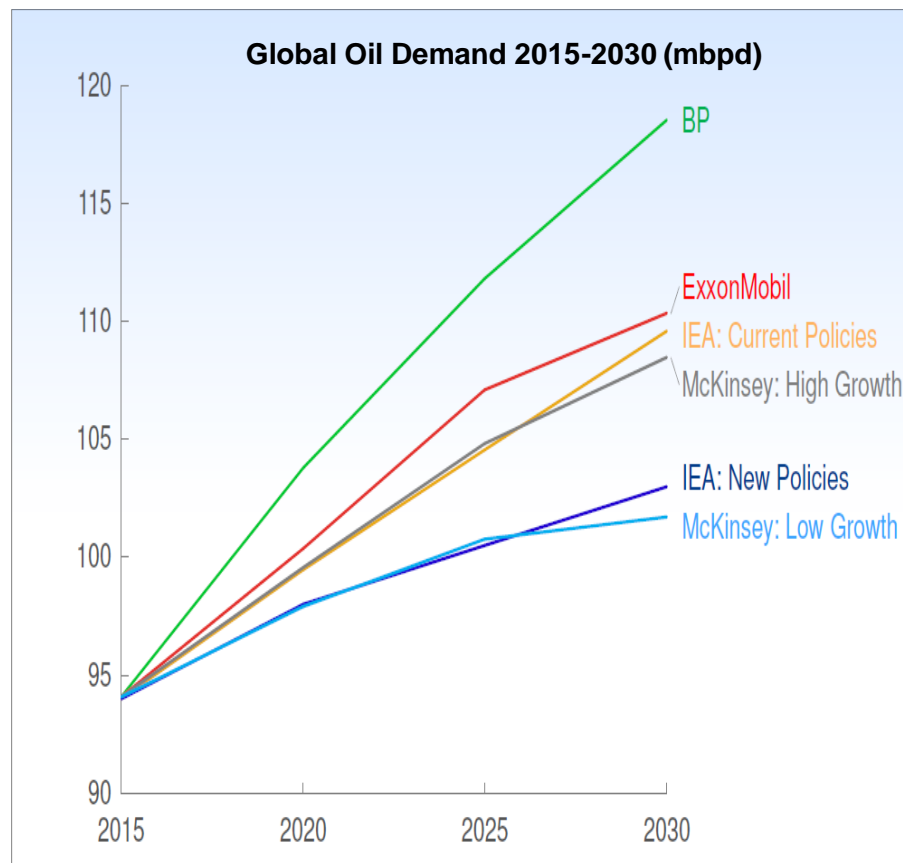
Oil & Gas Reserves in Greece | Prospective of new drillings, tenders and business alliances

Alexandroupoli, September 7, 2017

Rising global energy demand trends



Source: International Energy Agency / WEA 2016

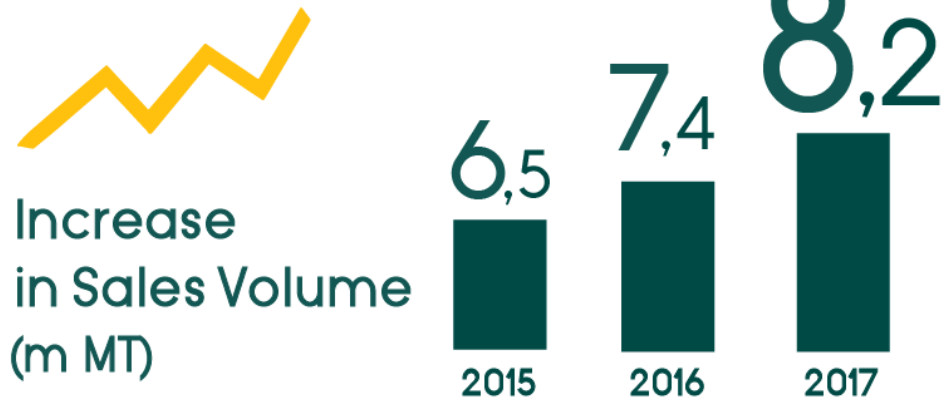


Source: McKinsey & Company

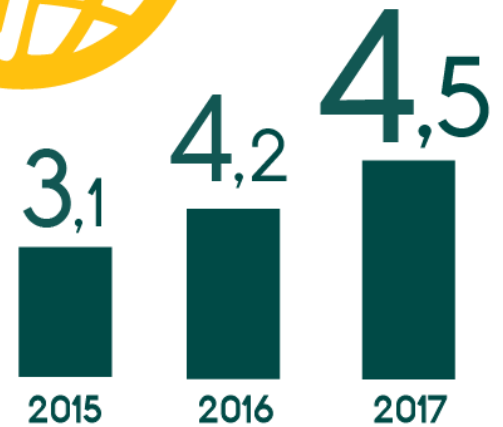
Global energy demand is expected to rise up to 2040 under IEA basic scenario (“New Policies”)
 As per World Energy Outlook 2016, oil & gas will continue to cover around half of the energy demand, despite stronger contribution by alternative energy sources
 According to various sources, global oil demand will continue to increase up to 2030

HELPE GROUP

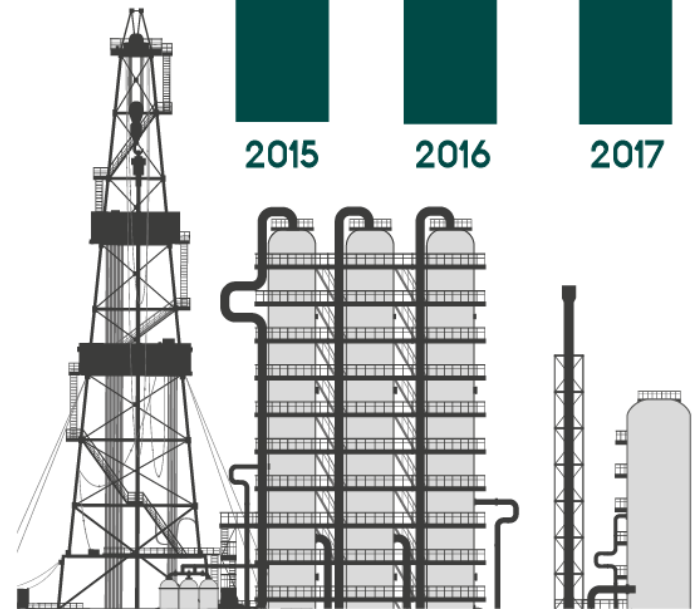
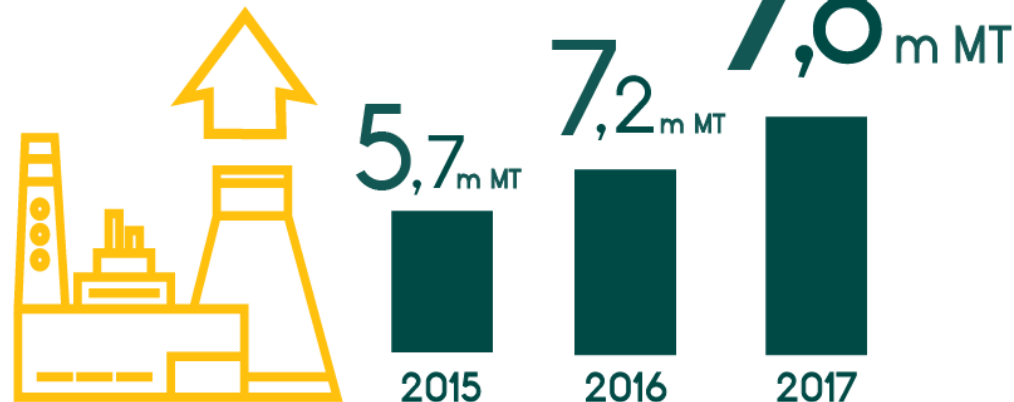
1H 2017 Financial Results



Exports Increase (m MT)



Production Growth of Group Refineries



HELPE GROUP

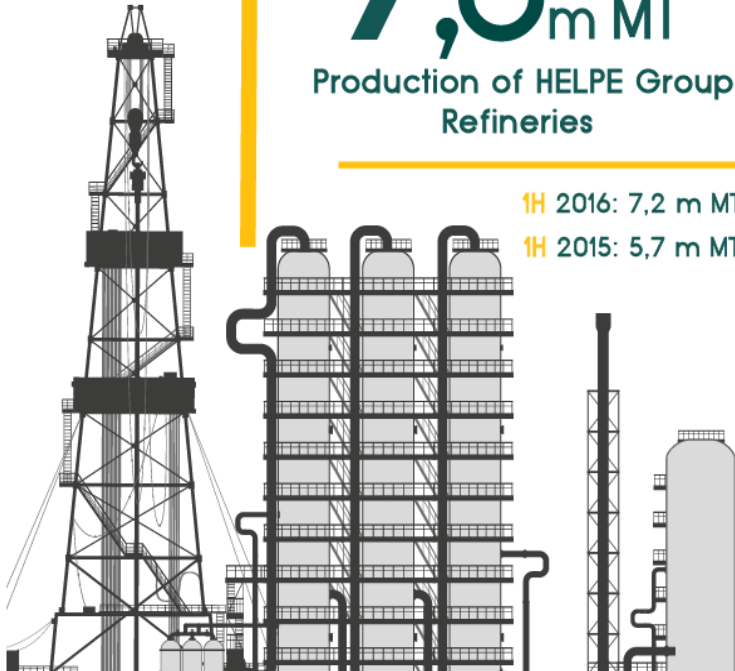
1H 2017 Financial Results

4,5^m MT
Exports

8,2^m MT
Sales

7,8^m MT
Production of HELPE Group
Refineries

1H 2016: 7,2 m MT
1H 2015: 5,7 m MT



107,4%

Increase in Adjusted
Net Income

40,2%

Increase in
Adjusted EBITDA

€224^m

€93^m

€108^m

2015

2016

2017

1H Adjusted Net
Income



€457^m

€335^m

€326^m

2015

2016

2017

1H Adjusted EBITDA



HELLENIC
PETROLEUM

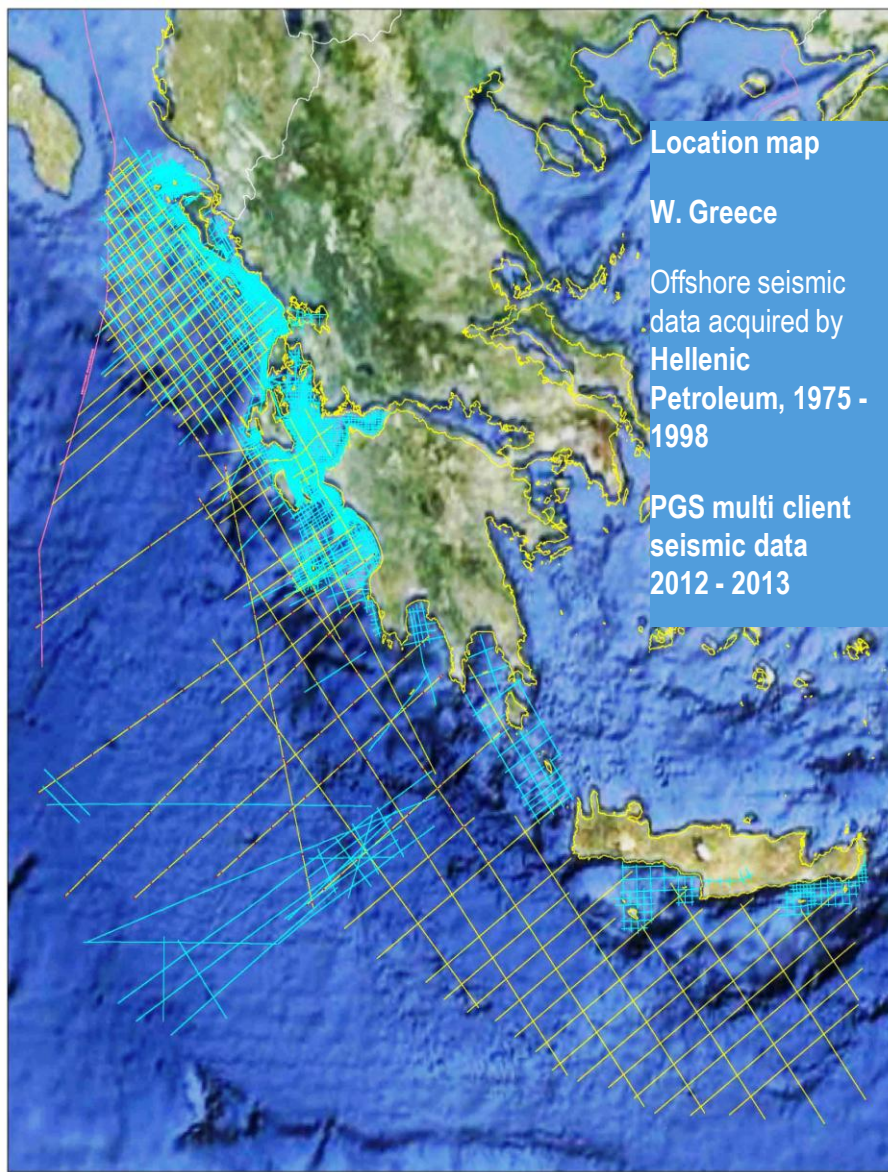
GROUP OF COMPANIES

HELPE: is considering Greek E&P sector as a pillar for growth



.....therefore we are building a promising portfolio of blocks

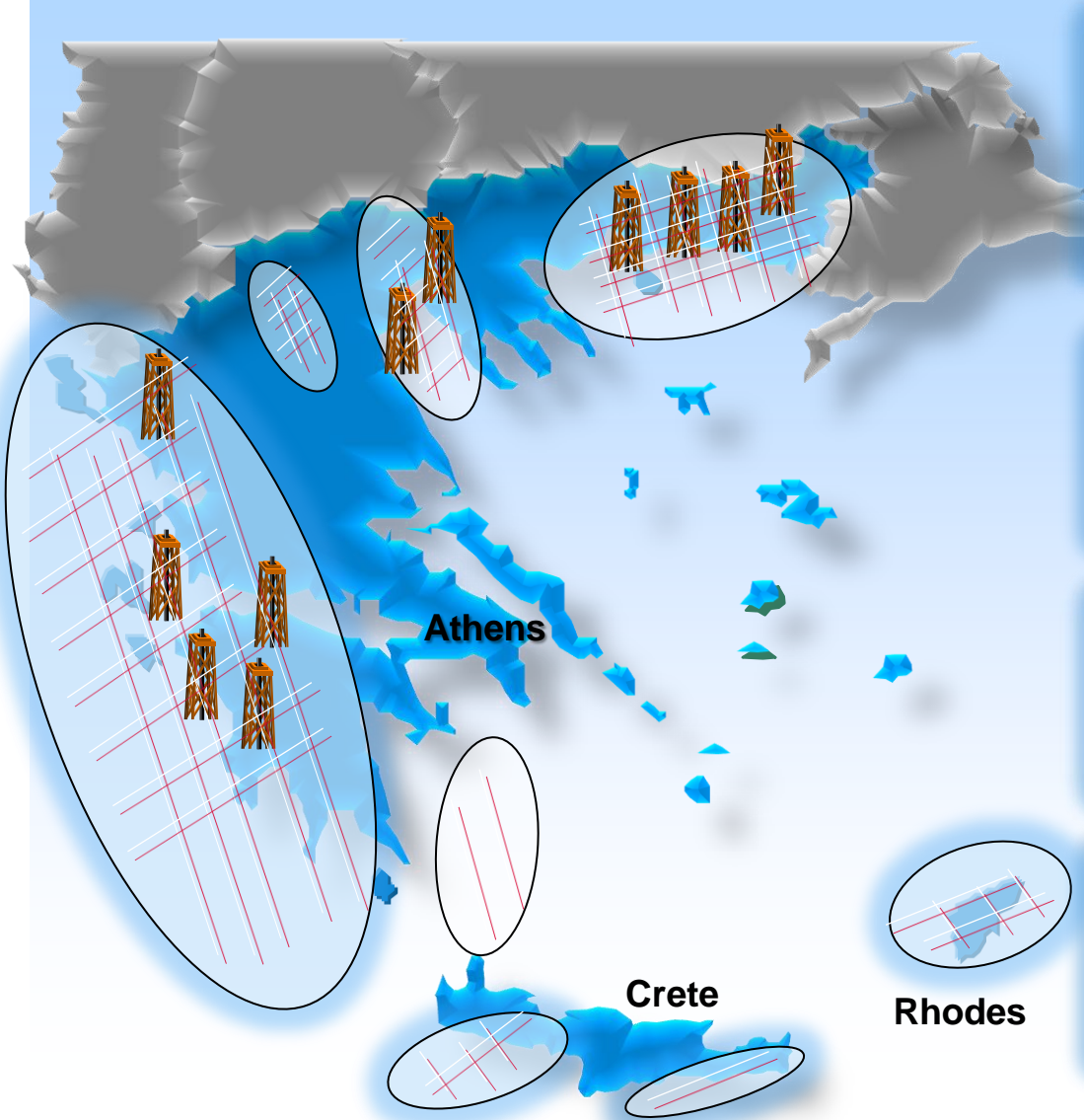
HELPE has a solid technical & commercial experience in Greece



HELPE, the leading integrated oil company in the country has proven:

- ✓ **Strong and solid financial position**, not affected by the Greek crisis, **investing the last years €3 billion** and recording in 2016 historical profit at **€731 million EBITDA** and **€329 million Net Income**
- ✓ **Extensive knowledge of the legacy exploration data** all over the country acting as operator in 26 blocks plus all recent PGS seismic data
- ✓ **High qualified experienced personnel** knowing in depth the Greek geological environment

Oil promising basins in greek territory



Based in HELPE's exploration activity and the collected legacy G&G and drilling data country's oil potential is promising

Past exploration effort is not completed in all blocks, especially in W. Greece

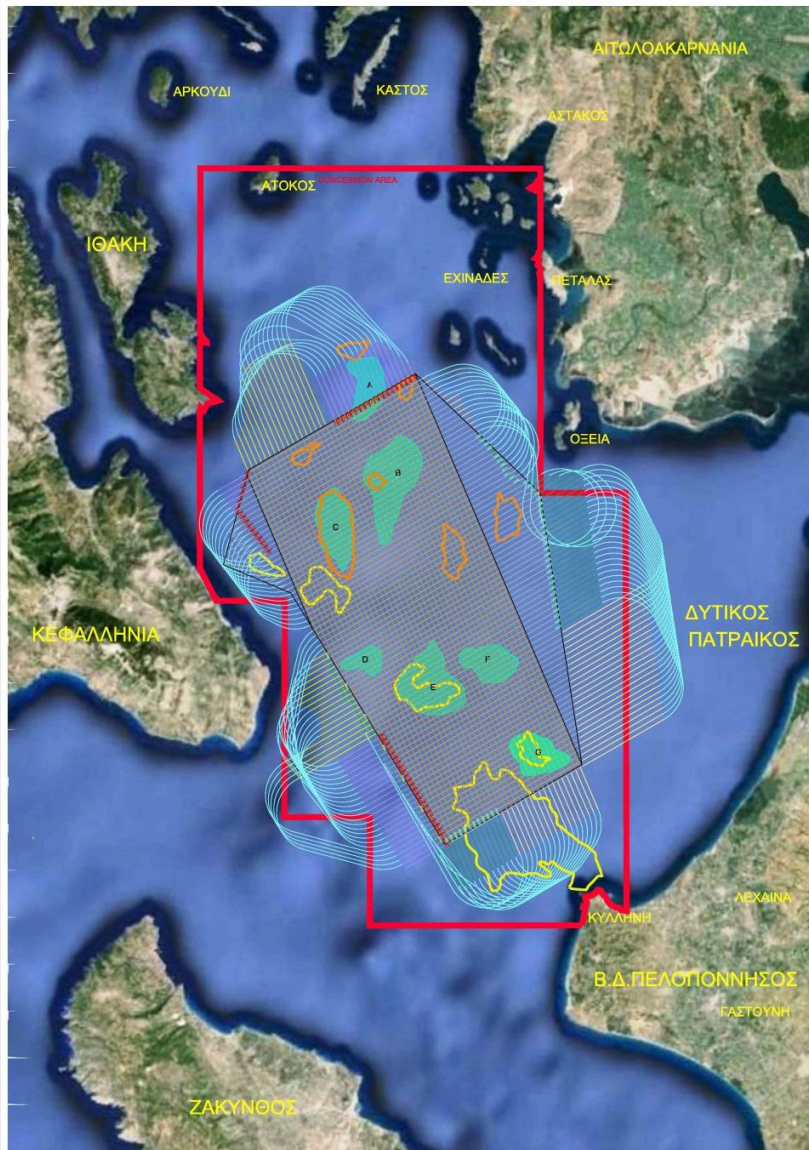
Huge offshore areas are practically unexplored with limited exploration data

Promising geological targets never drilled so far (i.e. deep targets below Triassic evaporites)

HELPE E&P portfolio

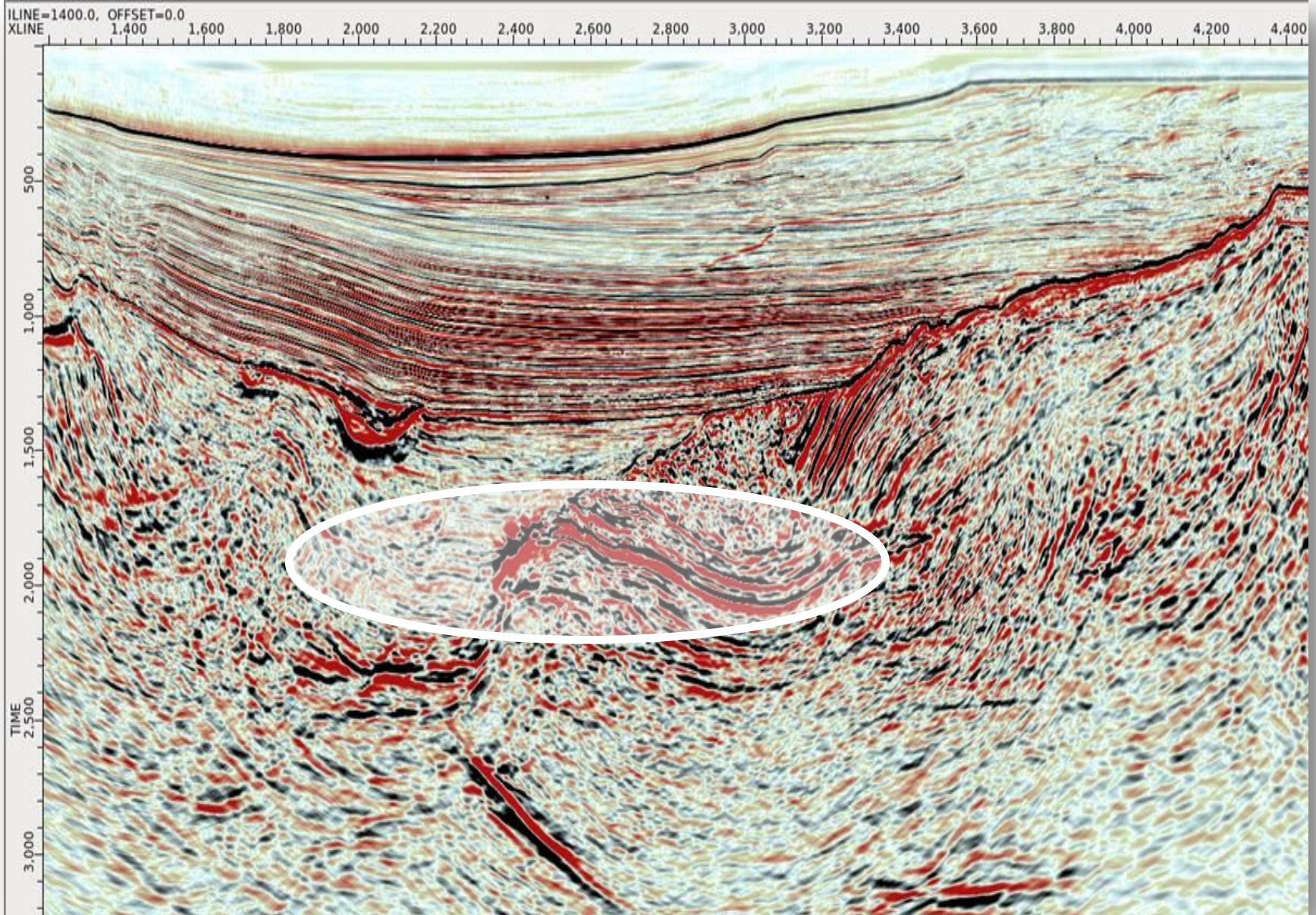
- ✓ **Patraikos Gulf** - **HELPE 50%, Operator - Edison International 50%**
2,000 km of legacy seismic 2D data together with newly acquired 325 km 2D and 1,800 sq.km 3D data have been processed with state-of-the-art technology. All activities, technical parameters, legal issues and involved parties were carefully selected, organized, coordinated and managed to achieve successful project results and maintain positive long-term business relations
- ✓ **Block 2** (West of Corfu) - **TOTAL 50% Operator - HELPE 25%- EDISON 25%**
The Lease Agreement is initialed and is expected to be signed and ratified the next weeks
- ✓ **Block 10** (Kyparissiakos Gulf) - **HELPE (100%)** was nominated as selected applicant. The Lease Agreement is under negotiation.
- ✓ **Block 1** (North of Corfu) - **HELPE (100%)** has submitted offer – evaluation is still ongoing
- ✓ **NW Peloponnese & Arta-Preveza** onshore blocks Western Greece
The Lease Agreements are signed and will be ratified the next weeks
- ✓ **Sea of Thrace** - **HELPE 25% - Calfrac 75%**

Lease Agreement of W. Patraikos Gulf

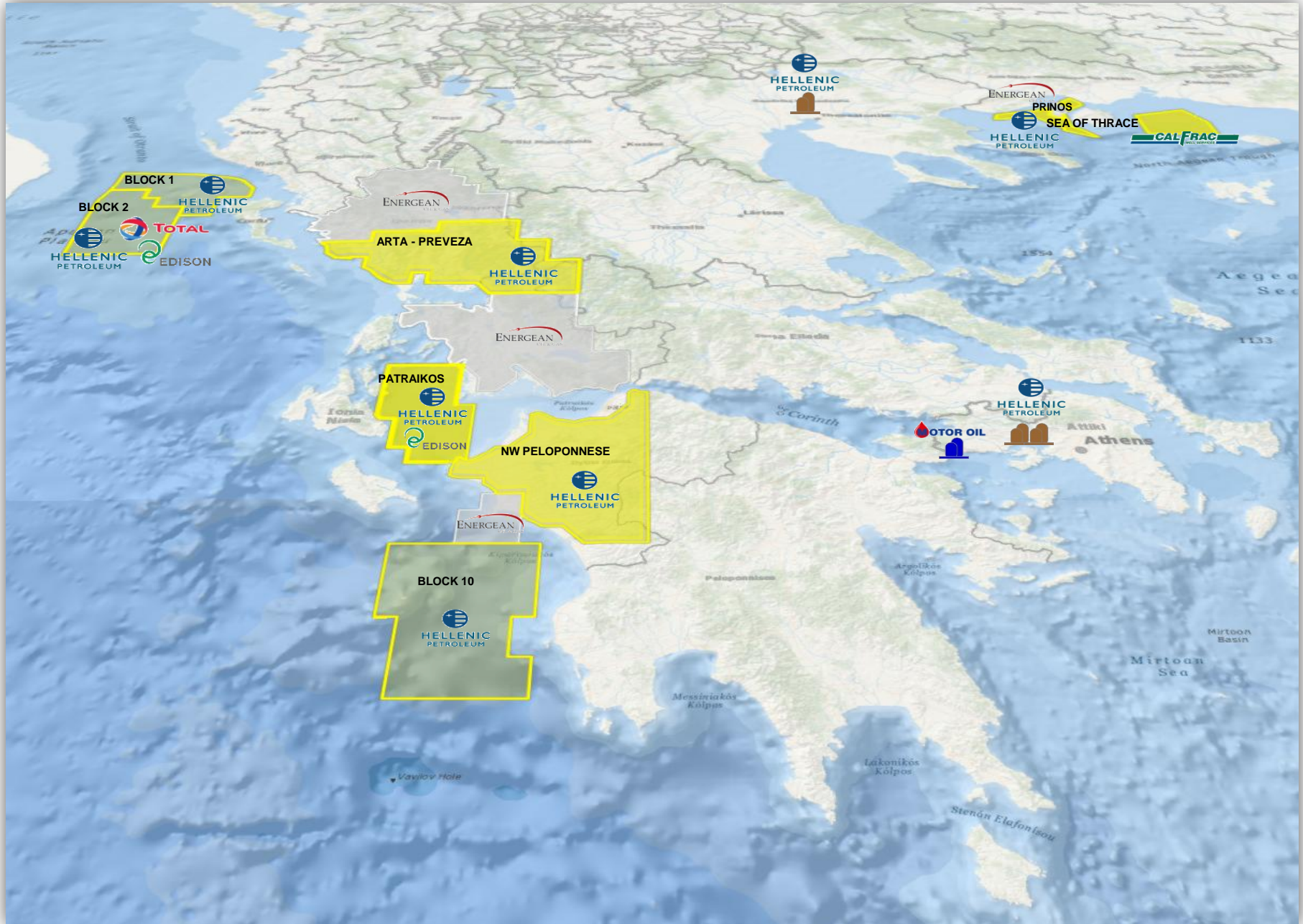


- Following an open door international tender the Greek State on **October 2014** awarded exclusive exploration and production rights to the business scheme of
 - **Hellenic Petroleum** (50%, operator) and
 - **Edison International** (50%)
- Up to Apr 2018, when the 1st exploration phase will be expired, all the committed exploration works will be completed (geological studies – processing & interpretation of 2D and 3D seismic data)
- The commitments of the next two phases (of two years duration each) is to drill one well in each phase

3D seismic indicate the primary geological target



Hellenic Petroleum E&P assets in Greece



Many thanks

for your kind attendance