



Investment Opportunities in Turkey E&P Sector

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About PETFORM



Established in 2000, PETFORM has played a crucial role in the transfer of private sector views to the public authorities regarding to Turkish energy legislation amendments. Member companies mainly have activities in 2 sectors:

- Exploration & Production Sector
- Natural Gas Market

Member Companies



- AKENERJİ
- AKMERCAN ENERJİ
- AKFEL
- AKSA
- ALPIQ
- ALADDIN MIDDLE EAST
- ATLI ENERJİ
- AVRASYA GAZ
- AYGAZ DG
- BATI HATTI GAZ
- BORDRILL
- BP
- ÇALIK ENERJİ
- DANSKE COMMODITIES
- EGE GAZ
- ENERCO ENERJİ
- ENERJİSA
- ENERYA
- ENGIE
- EQUINOR
- ETKİ LIMAN
- ERDGAZ
- EWE ENERJİ
- EXXONMOBİL
- GENEL ENERGY
- GUNVOR
- GÜNEY YILDIZI PETROL
- KİBAR ENERJİ
- MARSA ENERGY
- MET ENERJİ
- NATURELGAZ
- OMV
- PALMET ENERJİ
- PERENCO
- RWE
- SHELL ENERJİ
- SHELL UPSTREAM
- SISECAM ENERJİ
- SOCAR
- TEKFEN
- THRACE BASIN
- TRANSATLANTIC PETROLEUM
- TURCAS
- VALEURA ENERGY
- VOLT ENERJİ
- YETAŞ

Turkey's Overall Energy Balance (1990 – 2018)



	1990	2018	Change
Total Energy Demand (million toe)	52.9	145,3	↑ 174% ↑
Total Domestic Production (million toe)	22.0	35.3	↑ 37% ↑
Total Energy Imports (million toe)	30.9	110	↑ 255% ↑
Coverage of Domestic Production to Total Consumption	48%	24%	↓ - 50% ↓

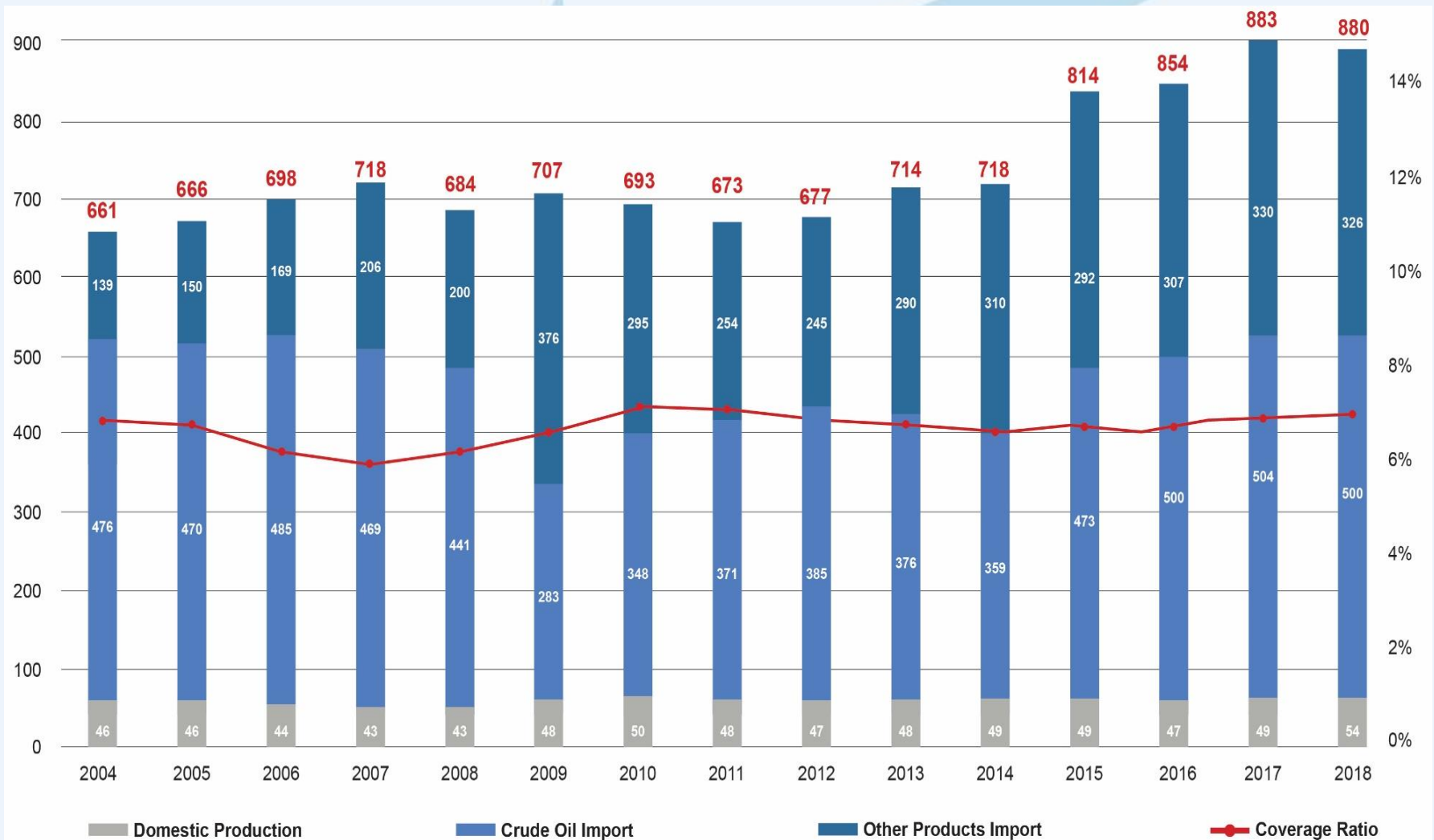
The Share of Energy in Turkey's Total Imports (2011 – 2018)



<i>(billion USD)</i>	2011	2012	2013	2014	2015	2016	2017	2018
Crude Oil and Petroleum Products	29,2	31,5	29,4	27,1	17,7	13,1	18,5	21,9
Natural Gas	20,2	23,2	21,2	23,1	16,1	11,3	15,1	17,9
Coal	4,1	4,6	4,3	4,6	4	2,7	3,1	3,1
Total Energy Import	54,1	60,1	55,9	54,8	37,8	27,1	37,2	42,9
Turkey's Total Import	240,8	236,5	251,6	242,1	207,2	198,6	233,8	223,1
Share of Energy in Turkey's Total Import	%20,5	%23,1	%22,2	%22,6	%18,2	%13,6	%15,9	%19,2

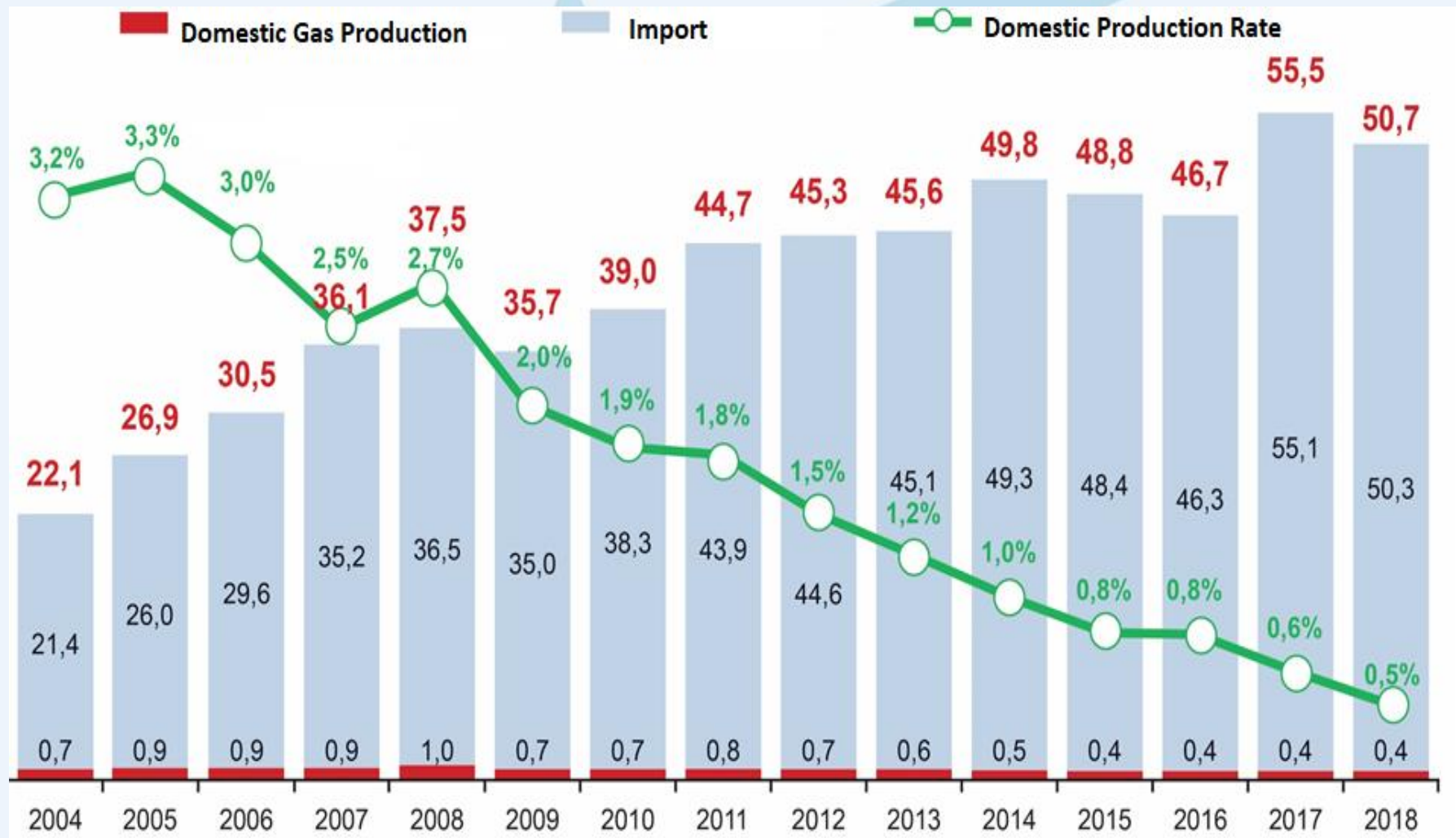
Source: Ministry of Treasury and Finance & PETFORM Calculations

Consumption vs Domestic Crude Oil Production



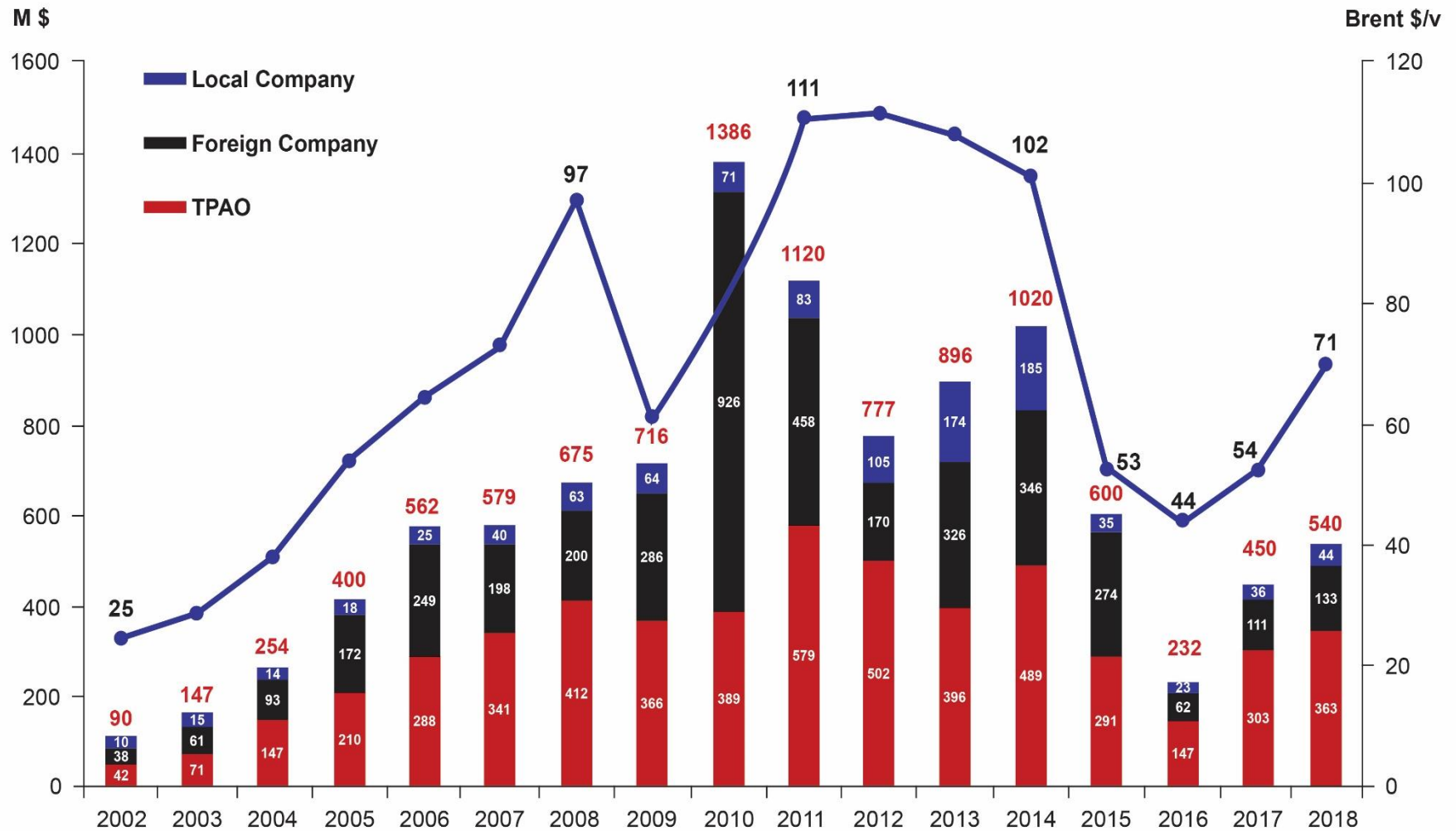
Source: EMRA, PETFORM Calculations

Consumption vs Domestic Gas Production



Source: EMRA, PETFORM Calculations

E&P Investments

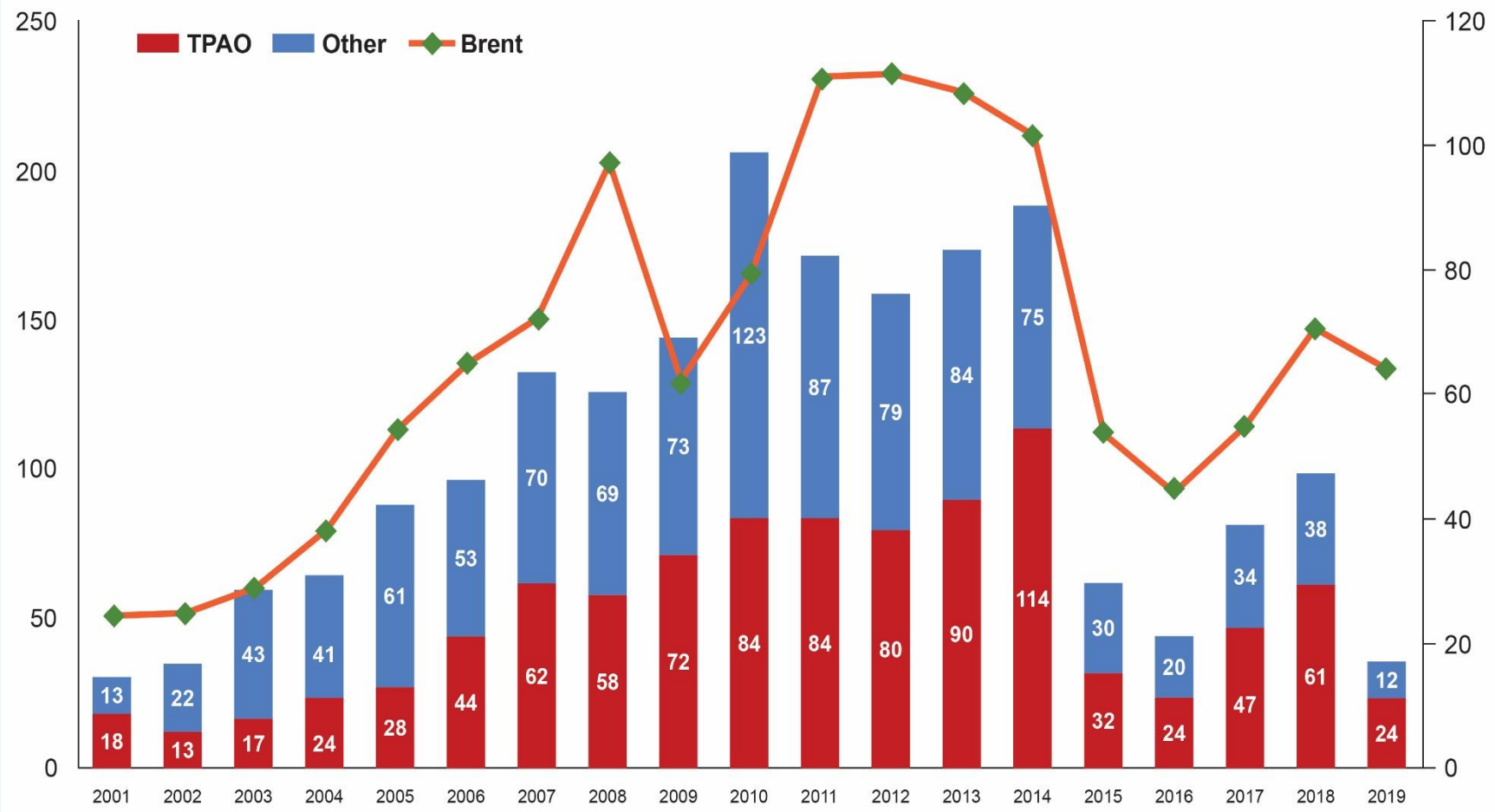


Number of Drilled Wells



Number of wells

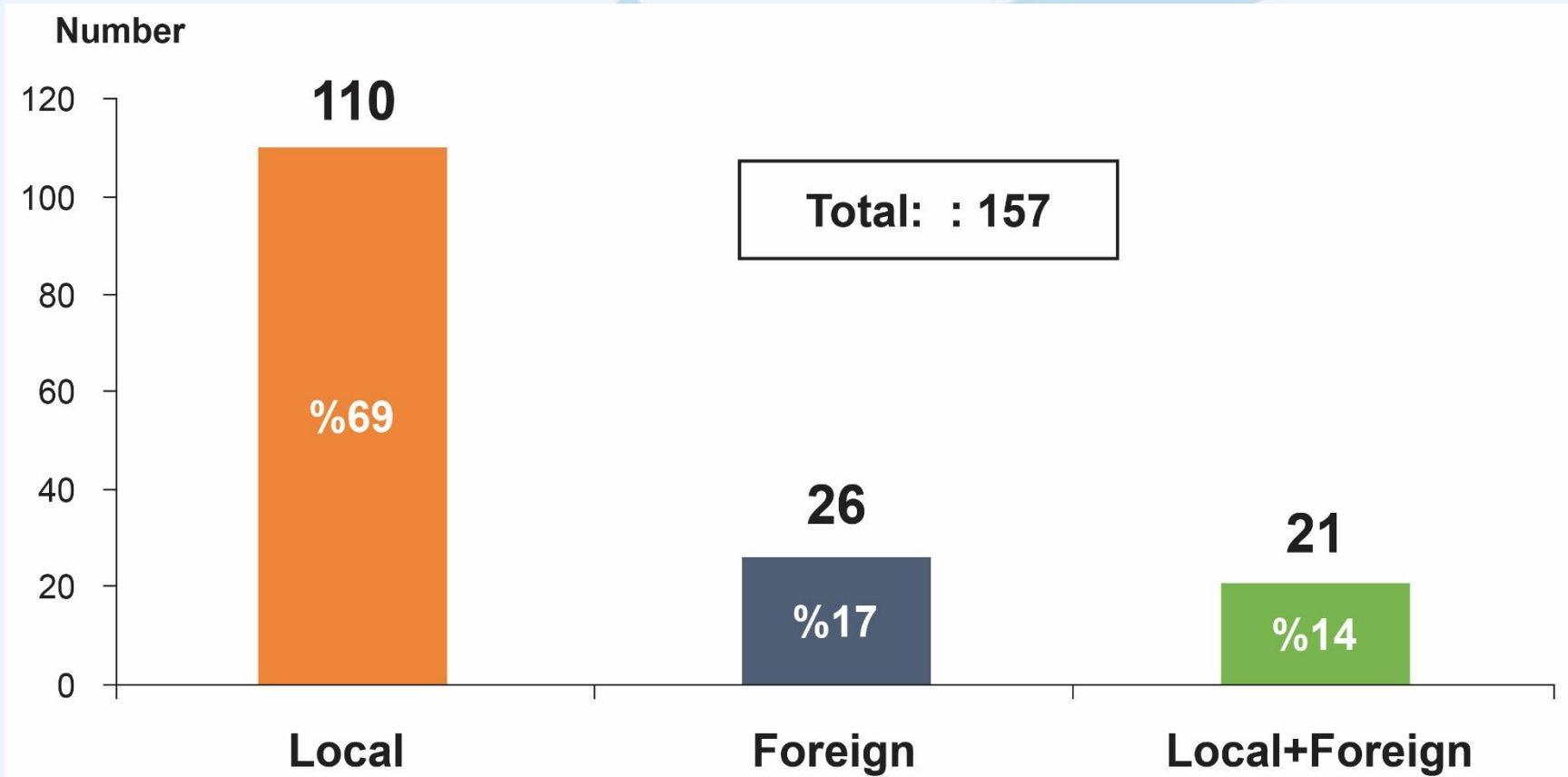
Brent \$/b



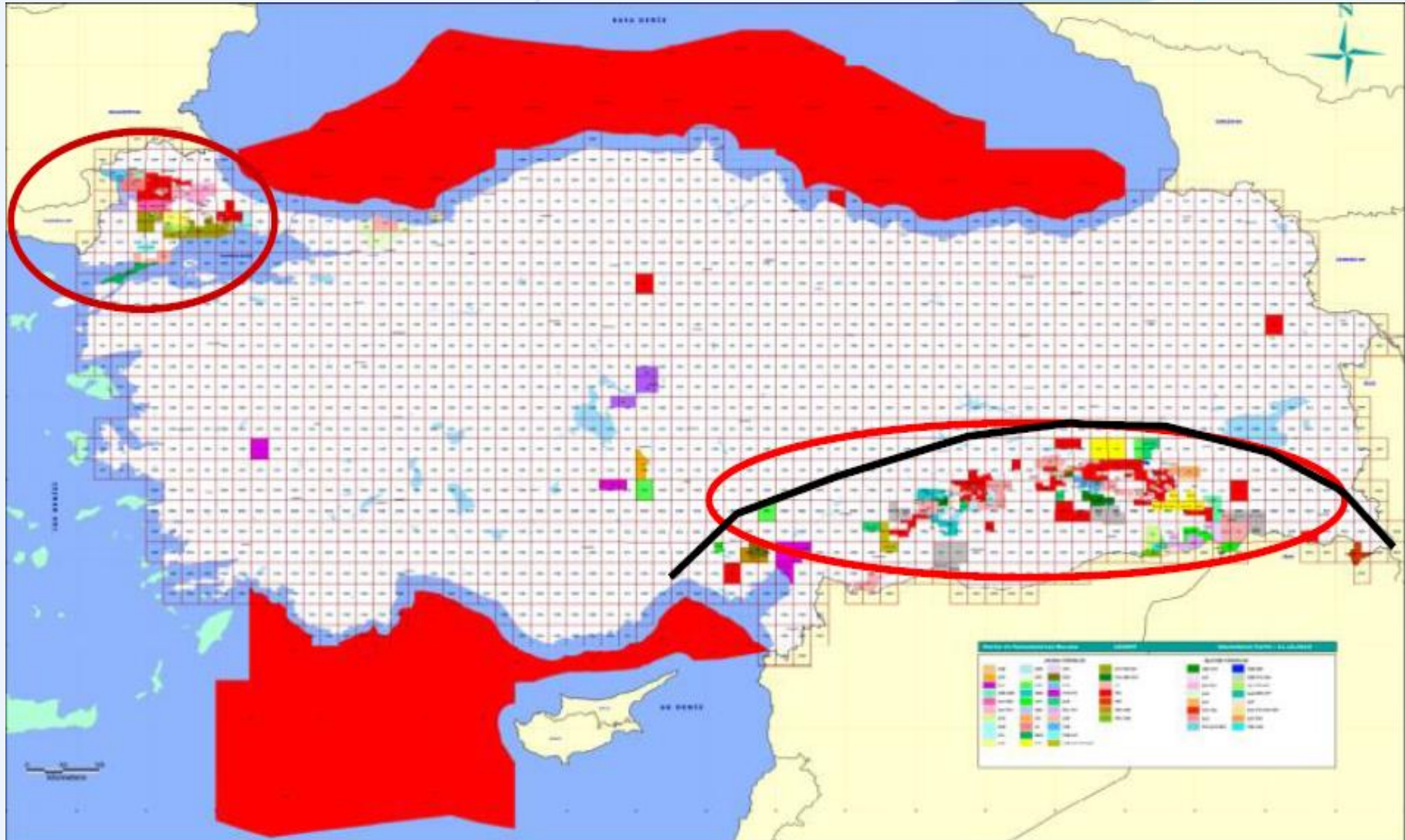
2019 numbers reflect first quarter results

Source: GDMPA

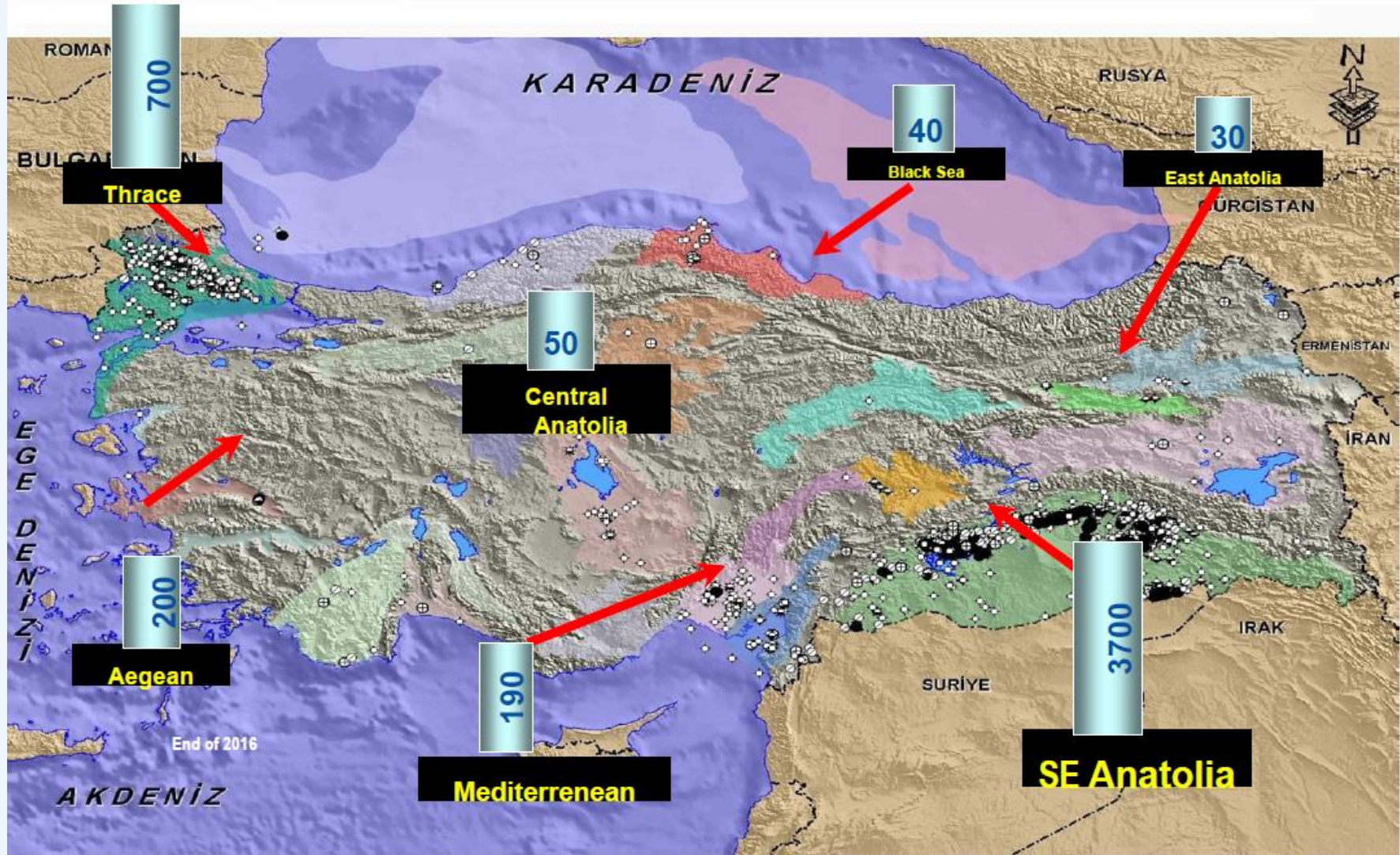
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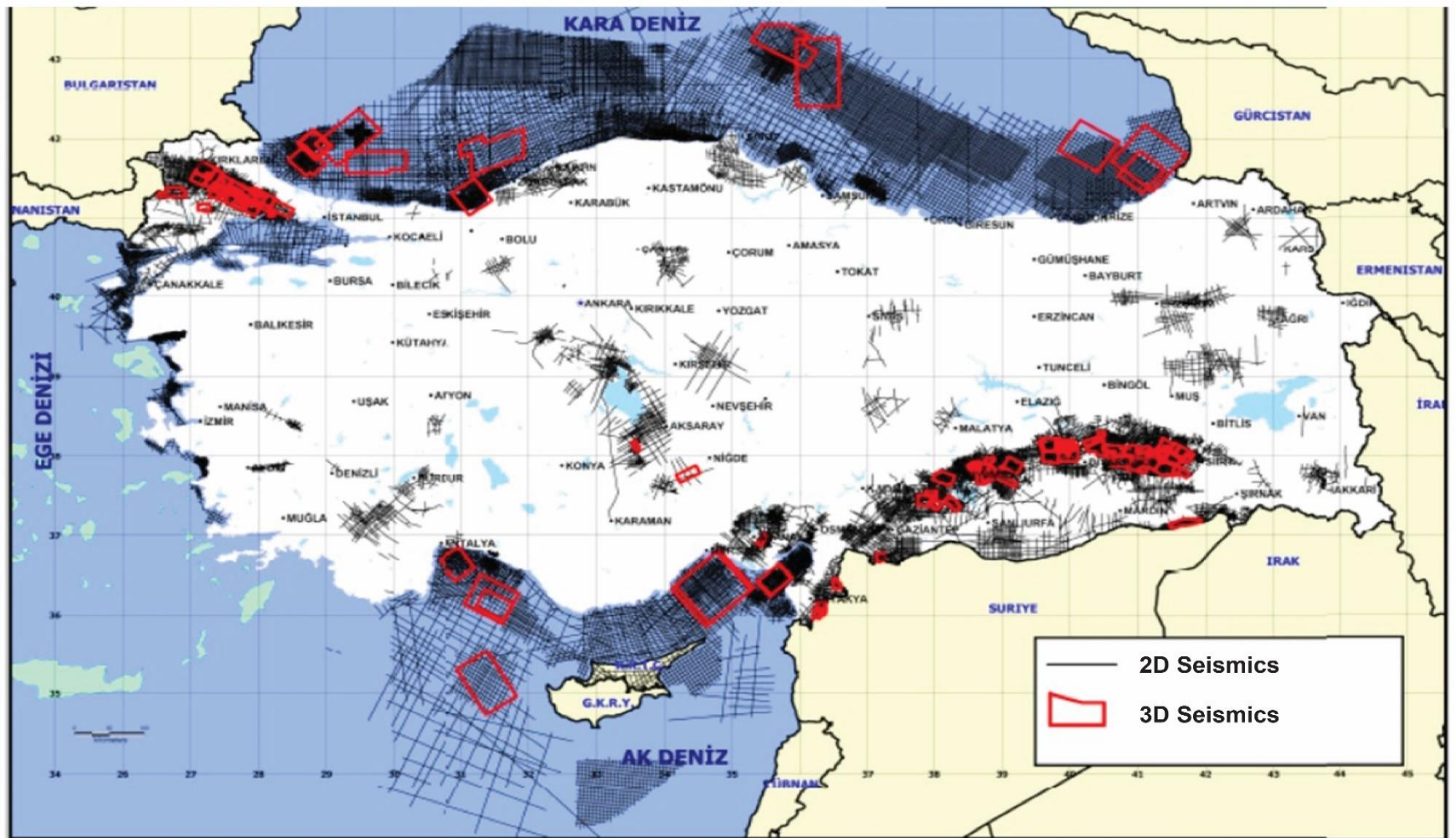
Oil&Gas Fields



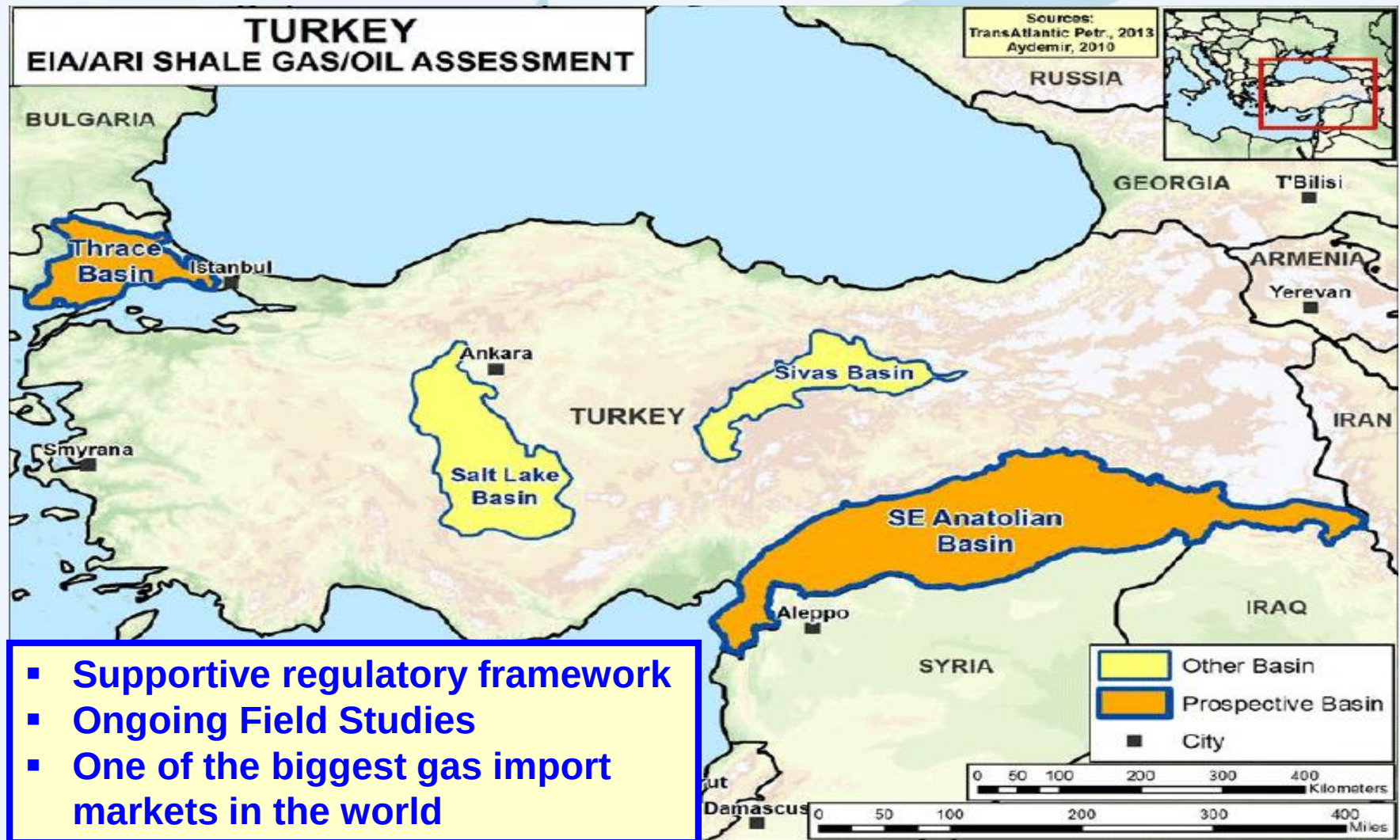
Drilling Activities



Seismic Map & Blocks



Shale Gas / Oil in Turkey Potential Basins



Source: Advanced Resources International



THANK YOU...

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