



ENERGY TRADERS ASSOCIATION OF TURKEY

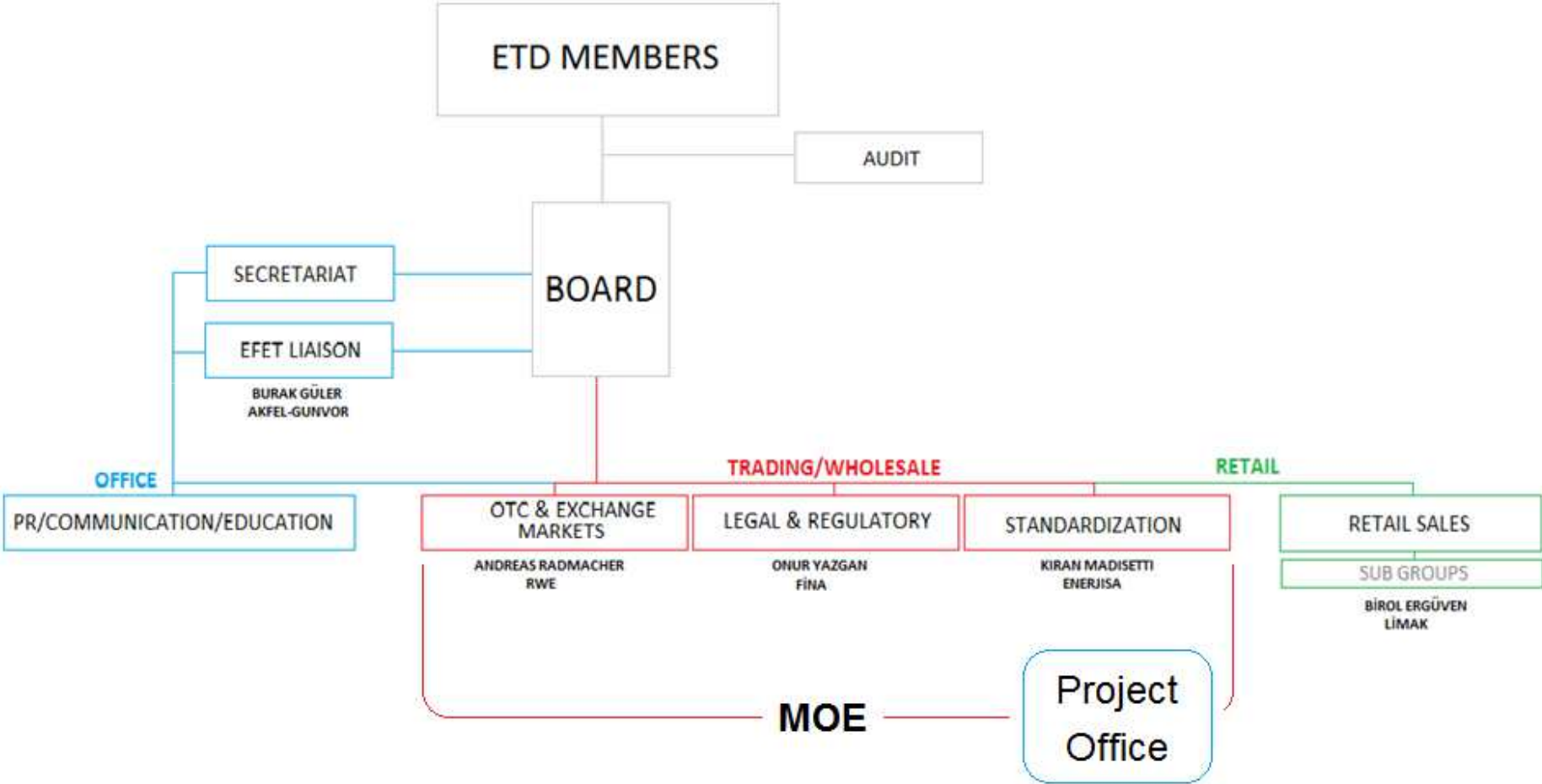
**FUTURE OF ENERGY  
TRADING IN TURKEY**

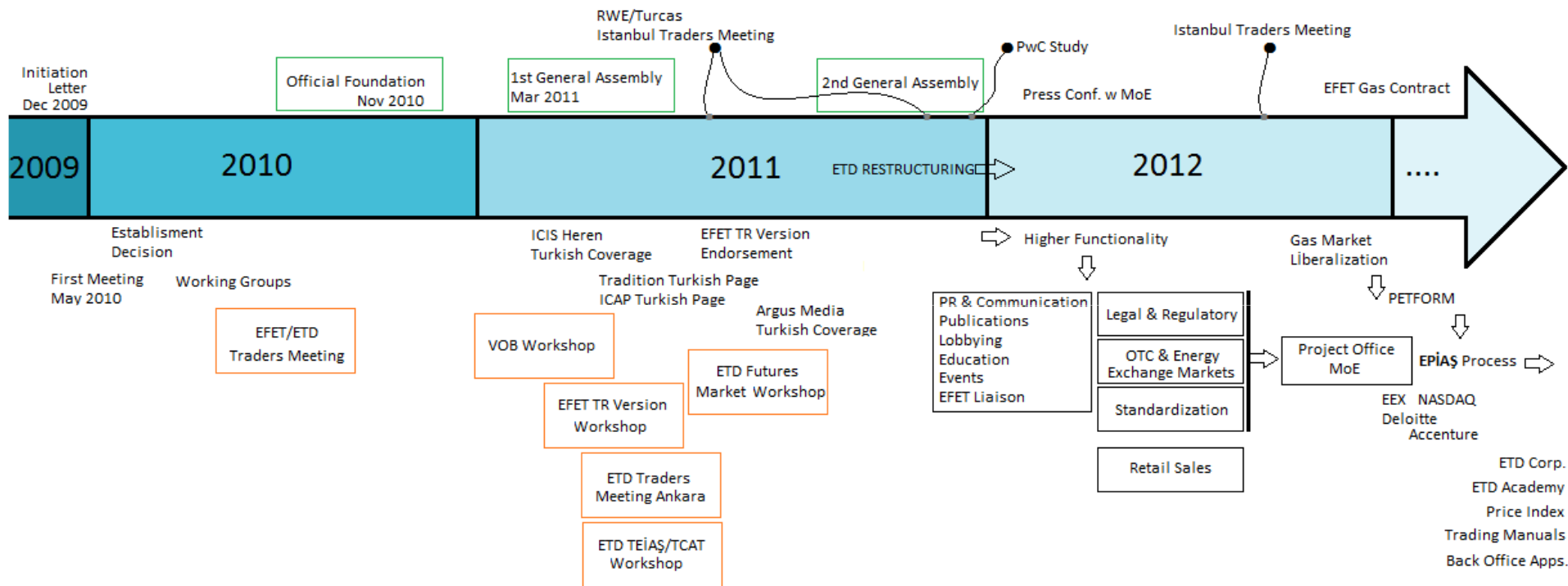
# ETD

## General Information

- Designed and established by leading energy trading companies
- Institutional membership
- 42 Members
- Current Board
  - Akenerji – Ahmet Ümit Danışman
  - EFT Turkey – Mustafa Karahan
  - Enerjisa – Kiran Madisetti
  - Fina – Onur Yazgan
  - Limak – Birol Ergüven
  - RWE Turkey – Andreas Radmacher
  - Statkraft – Servet Anduvap Akgün
  - Turcas – Batu Aksoy
  - Zorlu – Sinan Ak

# ETD





**PRIVATE INVESTMENT**

Autoproducers

BO/BOT/TOR

Private Generation

TEK-Türkiye Elektrik Kurumu

TEDAŞ-Distribution

TEAŞ  
Generation & Transmission

TEİAŞ-Transmission

TETAŞ-Wholesale/Trade

TEDAŞ-Distribution

EÜAŞ-Generation

1970

1994

2001

2004

2005

2006

2007

2008

2009

2010

2011

2012

4628

EPDK/EMRA

Balancing and Settlement  
Regulation - DUY (UK Model)

DUY Revision  
(Consulted-Nordpool)

Implementation of DUY

Implementation of  
Day Ahead Planning  
Strategy Document

Emissions & Power Trading  
Conference by  
Capital Markets Board (SPK)

etd  
ENERJİ  
TİCARETİ  
DERNEĞİ

EFET-ETD Workshop

EFET Master  
Agreement Endorsement

ENTSO-E Trial  
Parallel Operation  
ICIS Heren Turkey Section

Day Ahead / Balancing Market  
Clearing House

TFS Turkish Page

Stamp Duty Exemption

Spot Market

Derivatives

Exchange

EPIAŞ

OTC

Trans.  
Contracts

New  
Law

Autoproducers

BO/BOT/TOR

Private Generation

Distribution/Retail Co

Wholesale/Trader Co

TEİAŞ-Transmission

TETAŞ-Wholesale/Trade

UN-BUNDLE

PRIVATIZATION

UN-BUNDLE

PRIVATIZATION

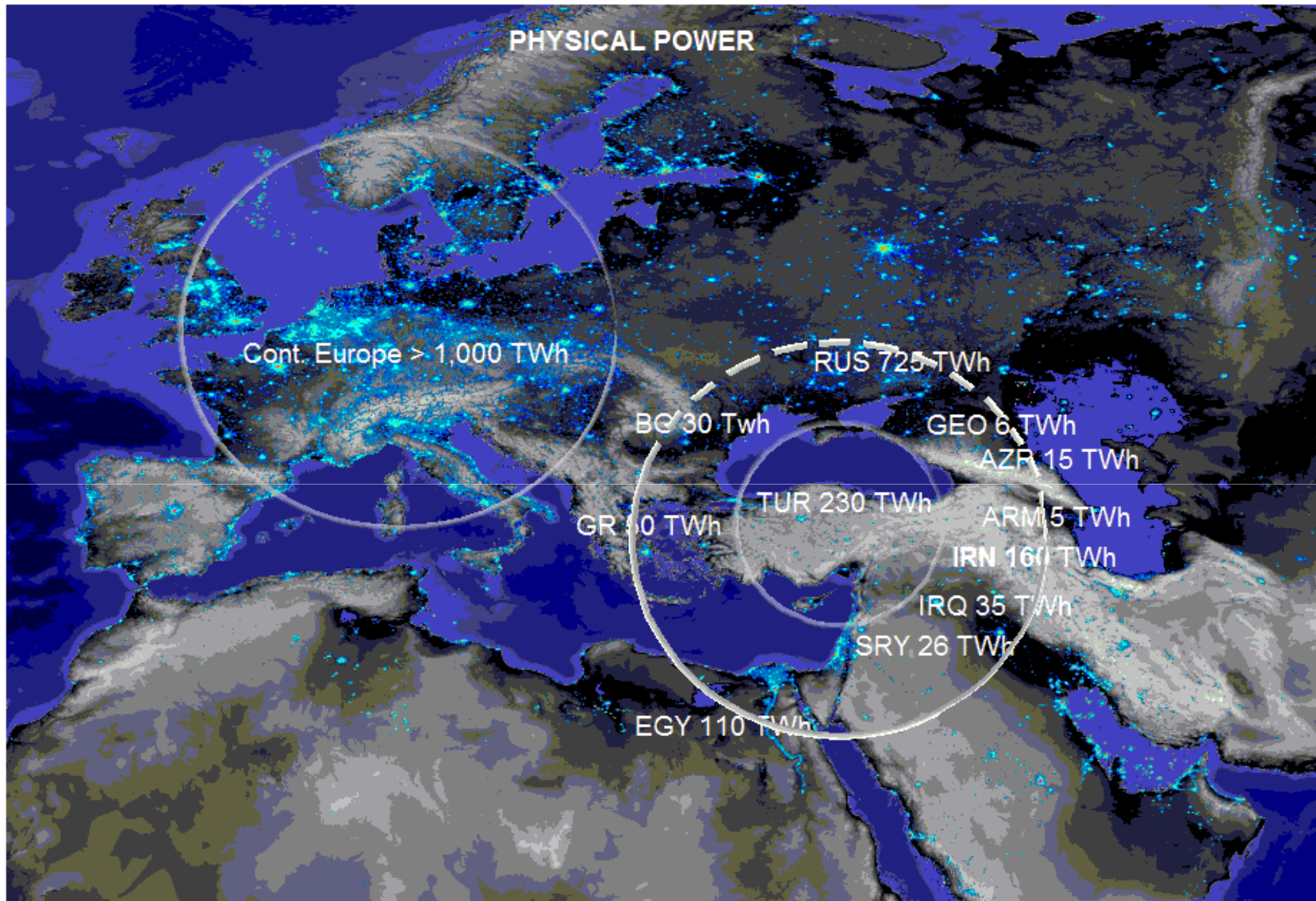
21 EDAŞ \*

ADÜAŞ  
HPP  
Priority Assets  
Generation Portfolios

LIBERALIZATION

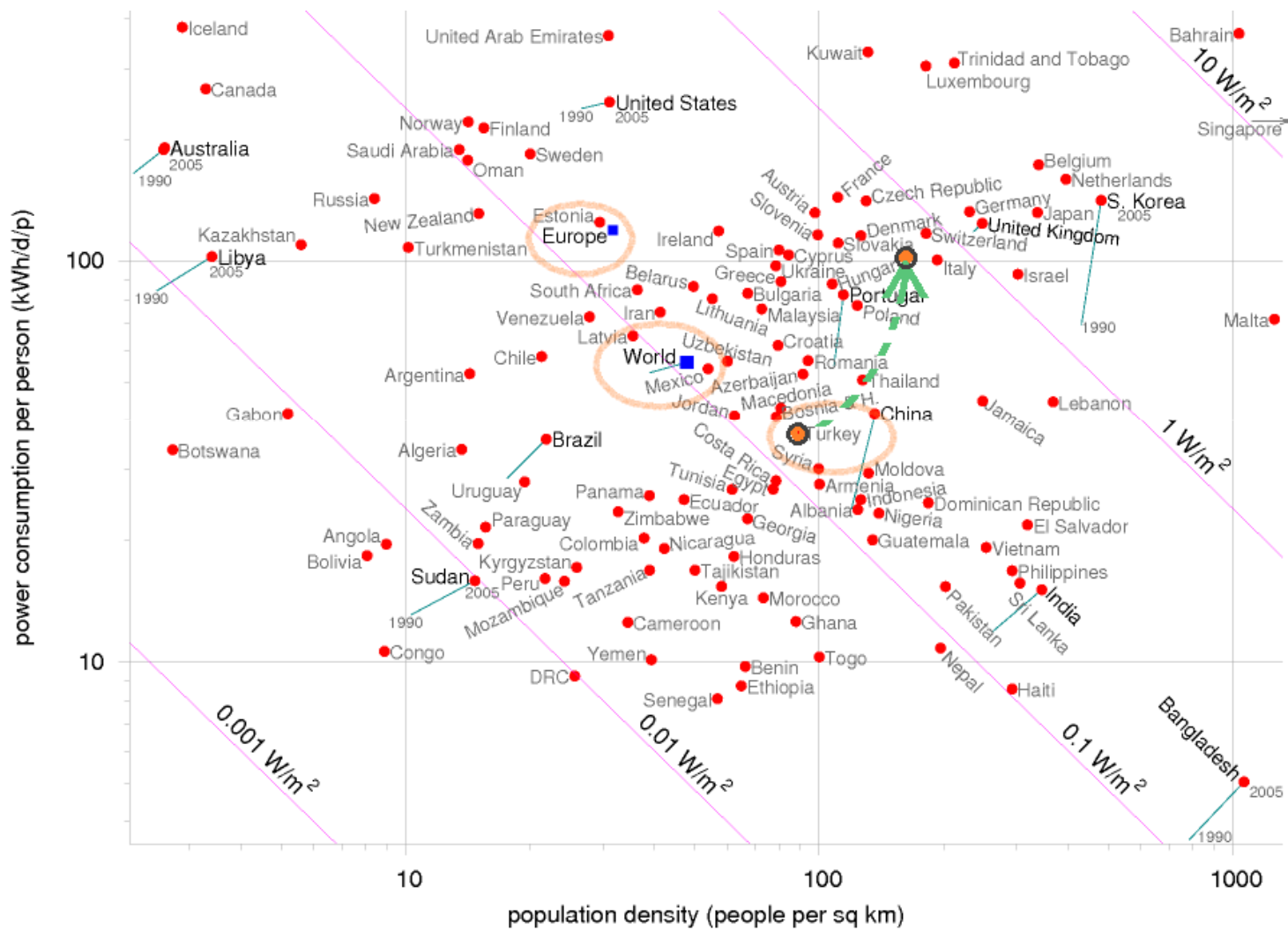
PRIVATIZATION / MARKET INFRASTRUCTURE

FUNCTIONAL  
MARKET



Top 20 Economy	
GDP (2009 Billion USD)	
2011	2041
1 USA	1 China
2 China	2 USA
3 India	3 India
4 Japan	4 Brazil
5 Germany	5 Japan
6 Russia	6 Russia
7 Brazil	7 Mexico
8 UK	8 Indonesia
9 France	9 Germany
10 Italy	10 UK
11 Mexico	11 France
12 Korea	12 Turkey
13 Spain	13 Nigeria
14 Canada	14 Korea
15 Indonesia	15 Italy
16 Turkey	16 Canada
17 Australia	17 Vietnam
18 Argentina	18 Saudia Arabia
19 Saudia Arabia	19 Spain
20 South Africa	20 Argentina

*PwC, Turkey in 2041, published in 2012*





<b>2023 Targets</b>
In Top 10 Economy
In Top 5 in Agro-Economy
82 Million Population
USD 25,000 GDP per Capita
USD 500 Billion Exports
<b>Requirements</b>
100,000 MW + Installed Capacity
60,000 MW + Additional Investment
USD 100 Billion + Investments
15,000 MW + CCGT Investments
Min. 100 Bcm Gas Consumption p.a.

## Hükümetin 2023 Hedefleri

İlk 10 Ekonomi içerisinde yer almak  
Tarımsal Ekonomide ilk 5 içerisinde yer almak  
Nüfus 82 Milyon  
Kişi Başına Düşen Gelir 25 Bin USD  
İhracat 500 Milyar USD

Kaynak: <http://www.akparti.org.tr/site/hedefler/ekonomi/C79>



2023 Elektrik Kurulu Güç 110,000 MWh  
2013-2023 Üretim Yatırım İhtiyacı 100 Milyar USD



Sermaye (Yerli + Yabancı)  
Borç (Yerli + Yabancı)

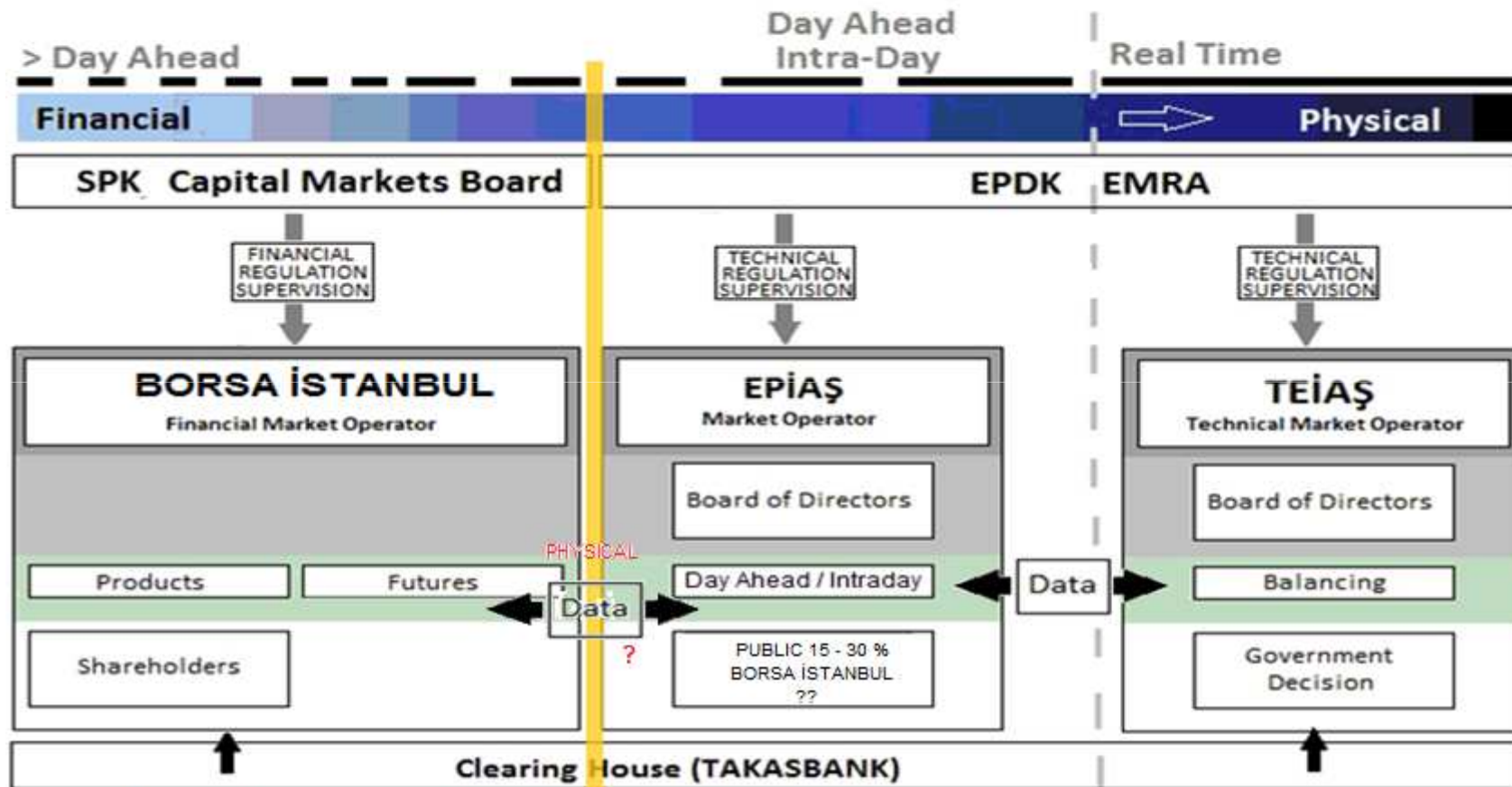


Liberal Piyasa

1. Kuzey Irak
2. Suriye
3. Balkanlar
4. Rusya/Avrasya
5. Körfez
6. Orta Asya
7. Avrupa



## ENERJİ BORSASI MODELİ(\*)



(\*) Yasa Taslağında Öngörülen Şekil