

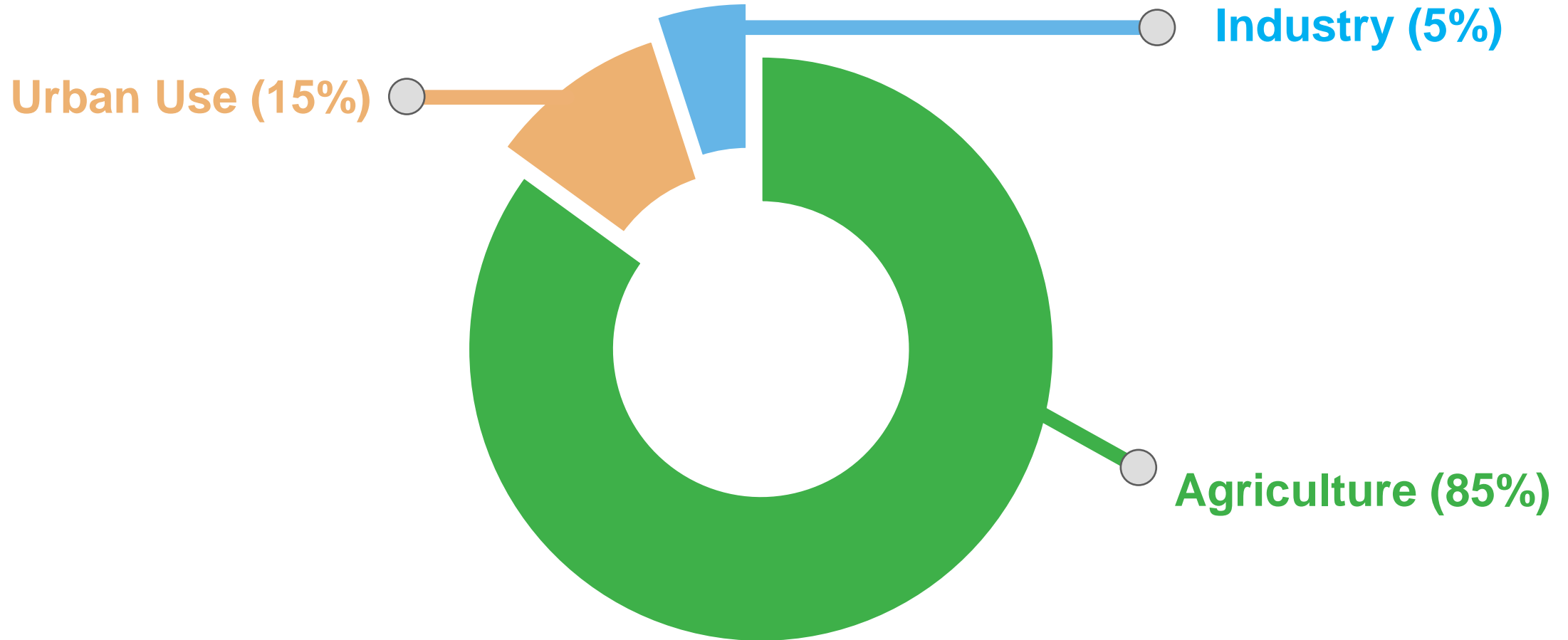
The background of the slide is a photograph of a river flowing over dark, wet rocks. The water is turbulent, creating white foam and splashes. The rocks are dark and have some green moss or algae on them. The overall scene is dynamic and natural.

Greek National Action Plan on mitigating the negative impacts of water scarcity through Sustainable Public-Private Partnerships

-G. Vrontzos

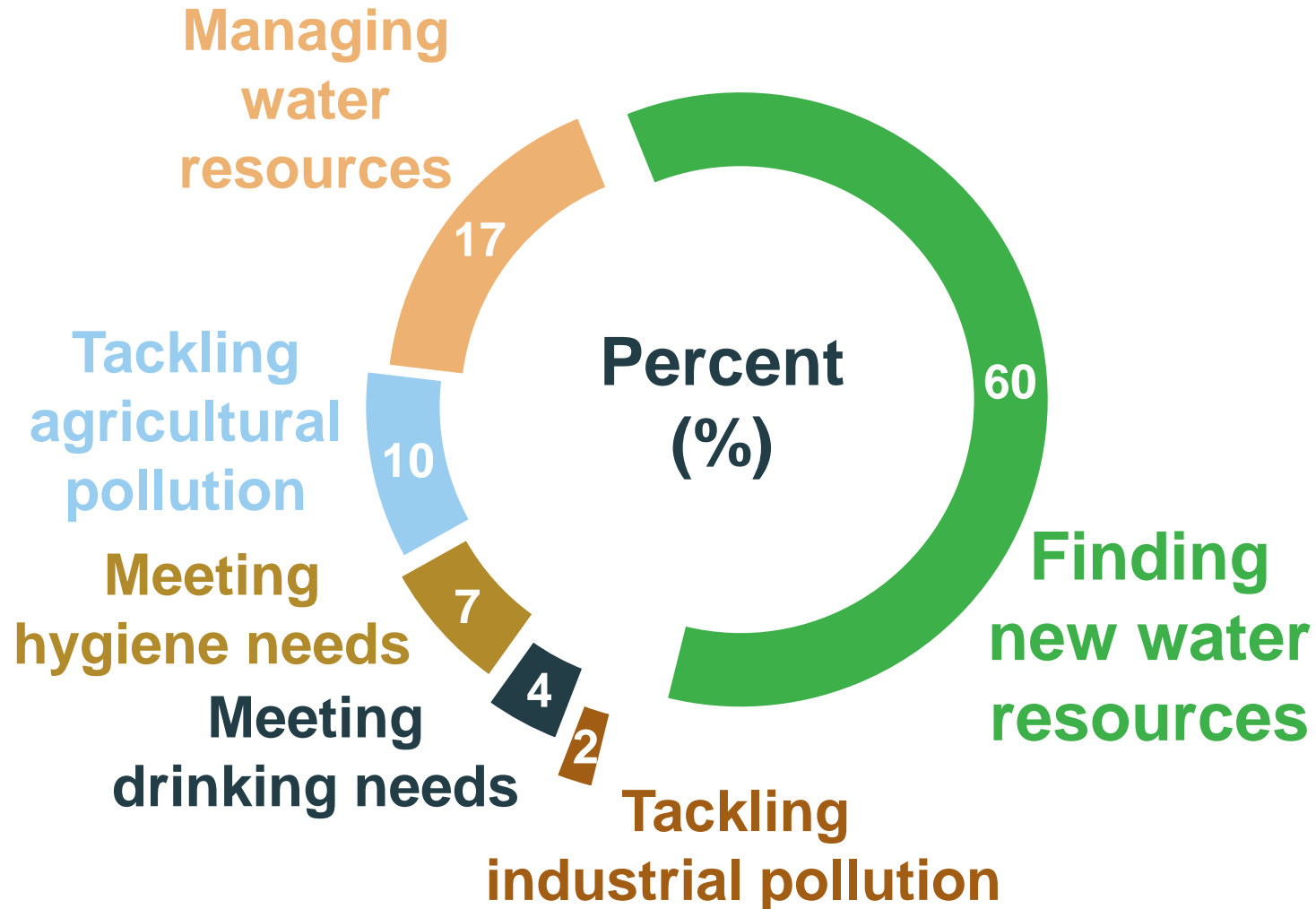
Problem Definition

What are the main uses of water?



Problem Definition

Annual maintenance cost of water use infrastructure



1.5
Billion (\$)

Source: Water Action Hub, 2015

Risk mitigation and efficiency ranking

Global position of Greece

Efficiency

A graphic showing a dark blue rounded rectangle with the text '61/248' inside, positioned in front of a light gray rounded rectangle.

61/248

Risk Score

A graphic showing a dark blue rounded rectangle with the text '2.91/5' inside, positioned in front of a light gray rounded rectangle.

2.91/5

Source: Water Action Hub, 2015

Macroeconomic Data

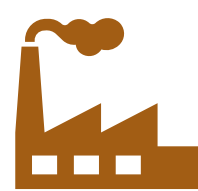
Impacts on national economy



Agriculture



Tourism



Industry

Population- People
(%)

461,000
(11)

700,000
(16)

283,000
(3)

GDP Contribution (%)

3.5

13

18.2

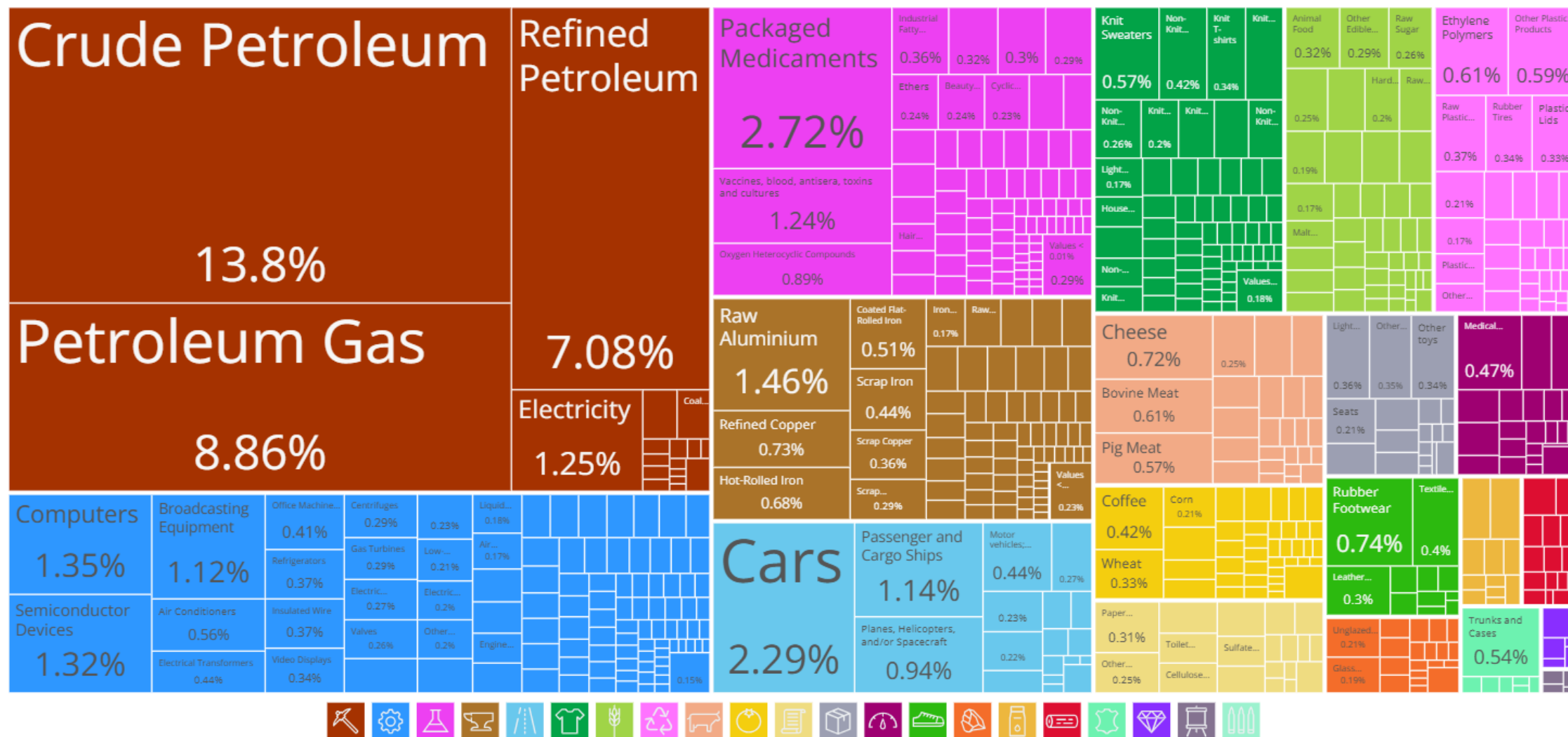
Turnover (Billion €)

14

28.5

39.6

Total Value: 94.5B \$



Total Value: 55.7B \$



Trade balance evolution

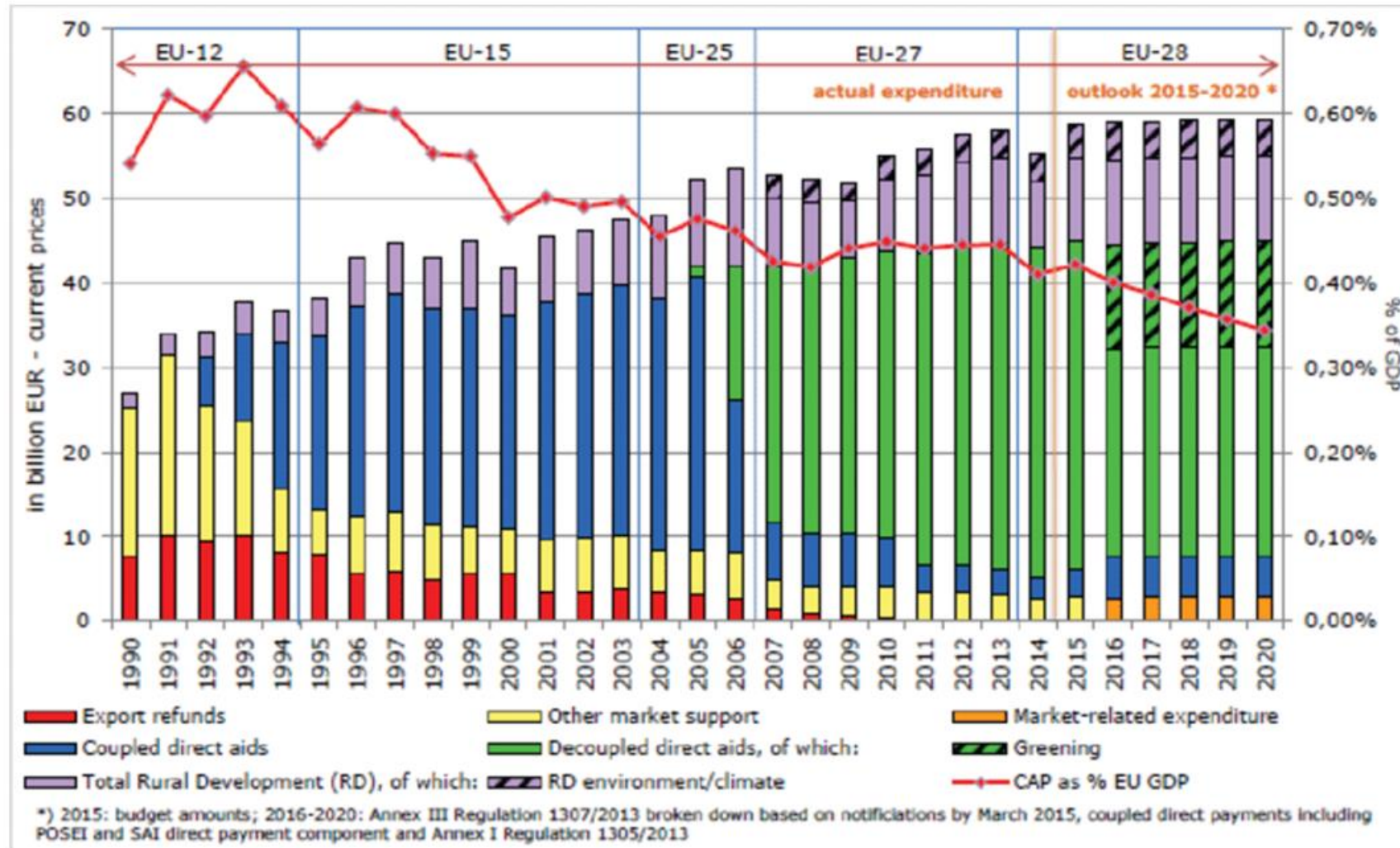
Period: 2022-2024



Source: tradingeconomics.com | National Statistical Service of Greece

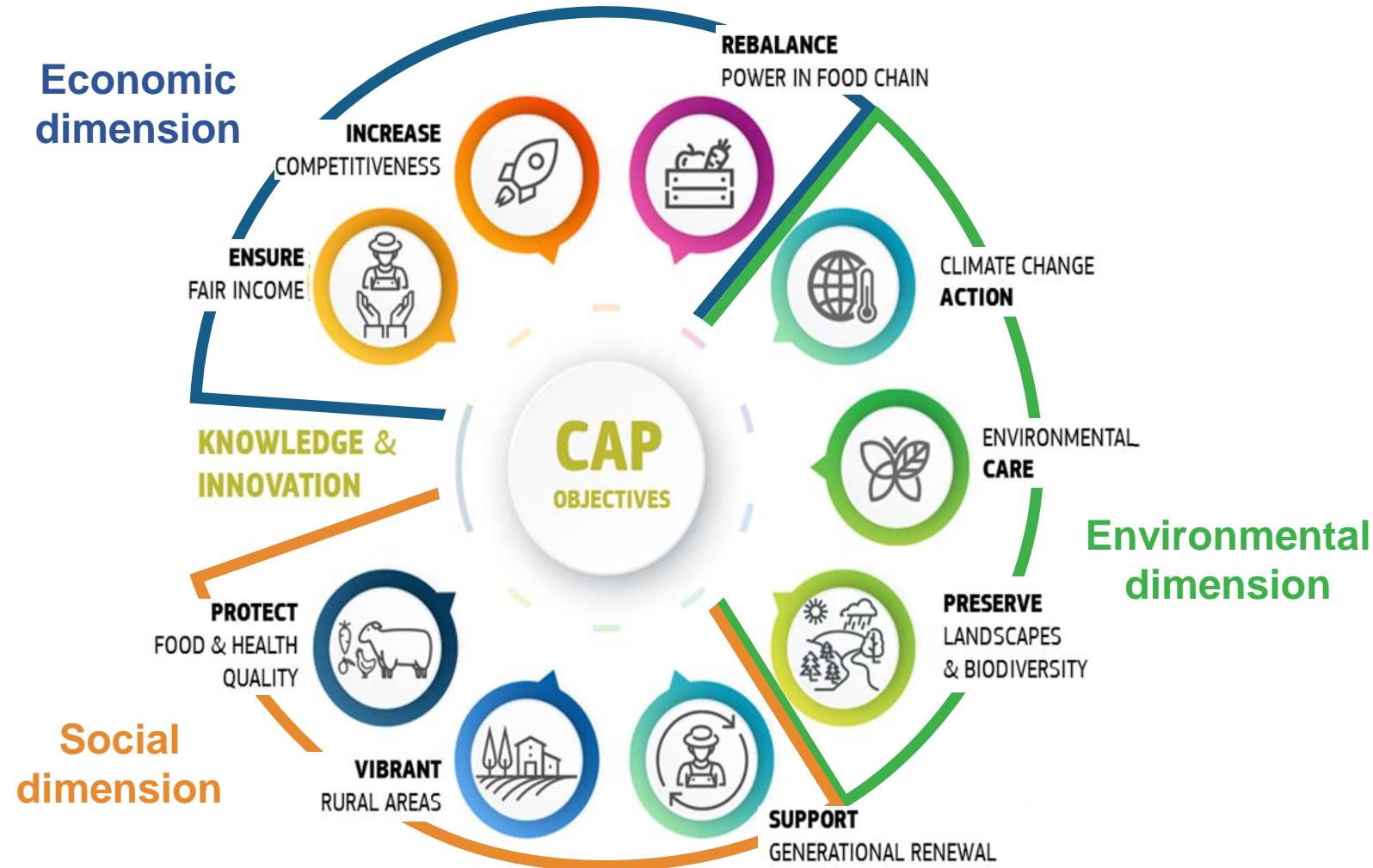
Common Agricultural Policy evolution

Period: 1990-2020

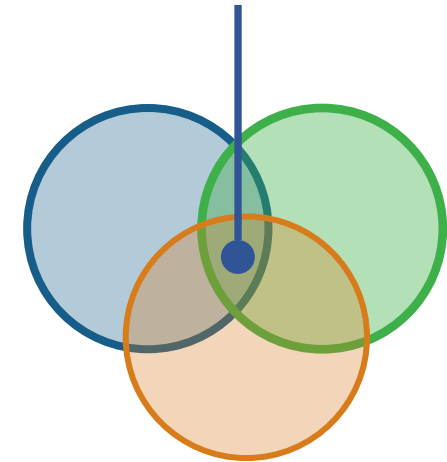


Key policy objectives of the CAP 2023-27

The ten key objectives



Sustainability



“Υδωρ 2.0” – Idor 2.0

8/21

Irrigation
projects

1.6

Billion Euros
In Total

4.0

Billion Euros
for Construction
and Maintenance

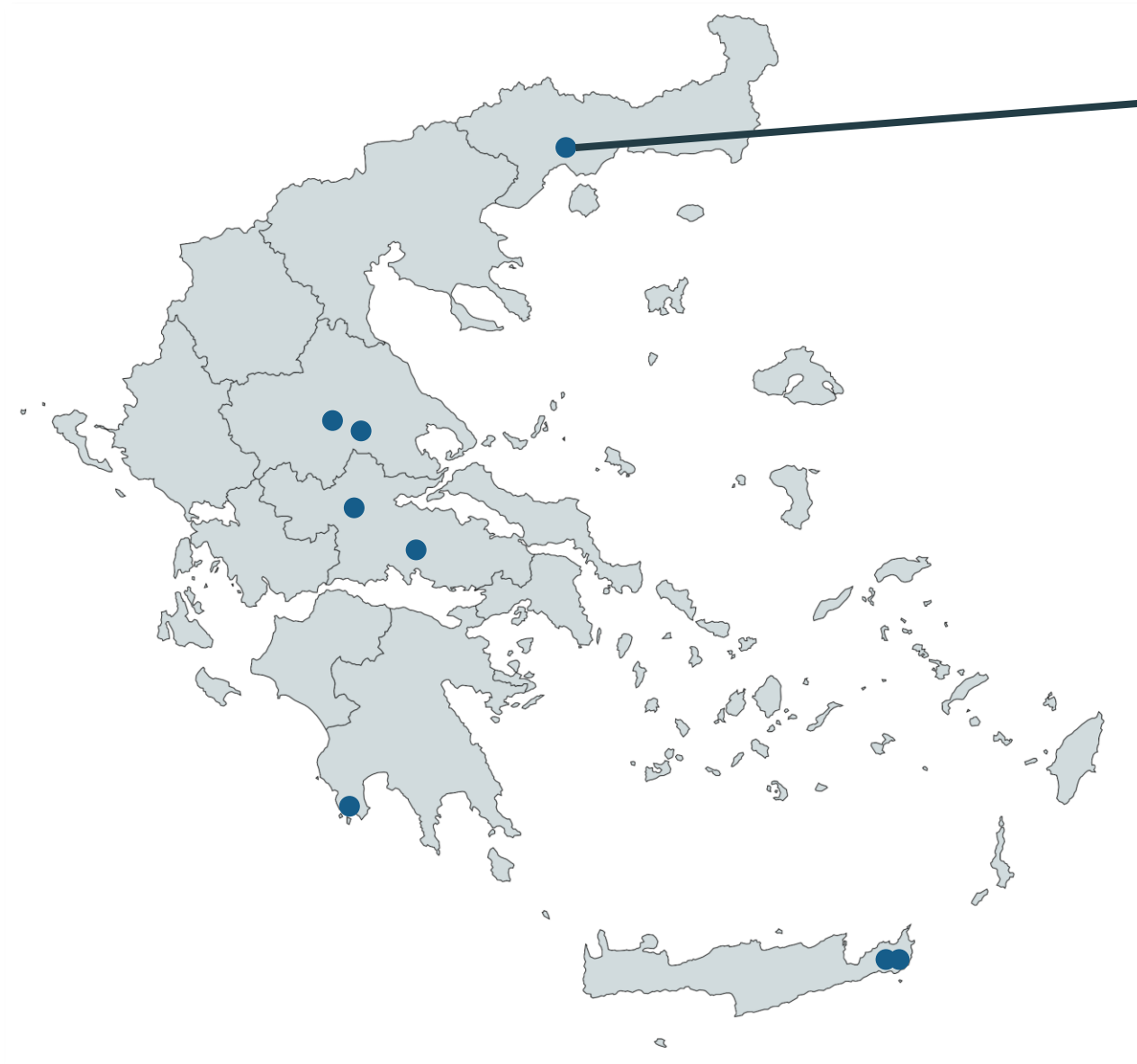


1. Water transfer from Nestos River to the Xanthi Valley

Construction Cost: **203,000,000€**

Affected Hectares: **20,000ha**

Beneficiary farmers: **20,000**



2. Modernization of irrigation networks of TOEV Tavropou

Construction Cost: **114,000,000€**

Affected Hectares: **11,500ha**

Beneficiary farmers: **5,750**



3. Irrigation network Yperia – Orfana, Karditsa

Construction Cost: **88,066,645€**

Affected Hectares: **7,465ha**

Beneficiary farmers: **3,730**



4. Dam at Bougazi Domokos and irrigation network

Construction Cost: **26,379,000€**

Affected Hectares: **1000ha**

Beneficiary farmers: **1000**

Capacity of new
Reservoir: **2,500,000m³**



5. Dam in Livadi Arachova, Irrigation network and hydroelectric plant

Construction Cost: **23,005,200€**

Affected Hectares: **600ha**

Beneficiary farmers: **600**

Capacity of new
Reservoir: **3,760,000m³**



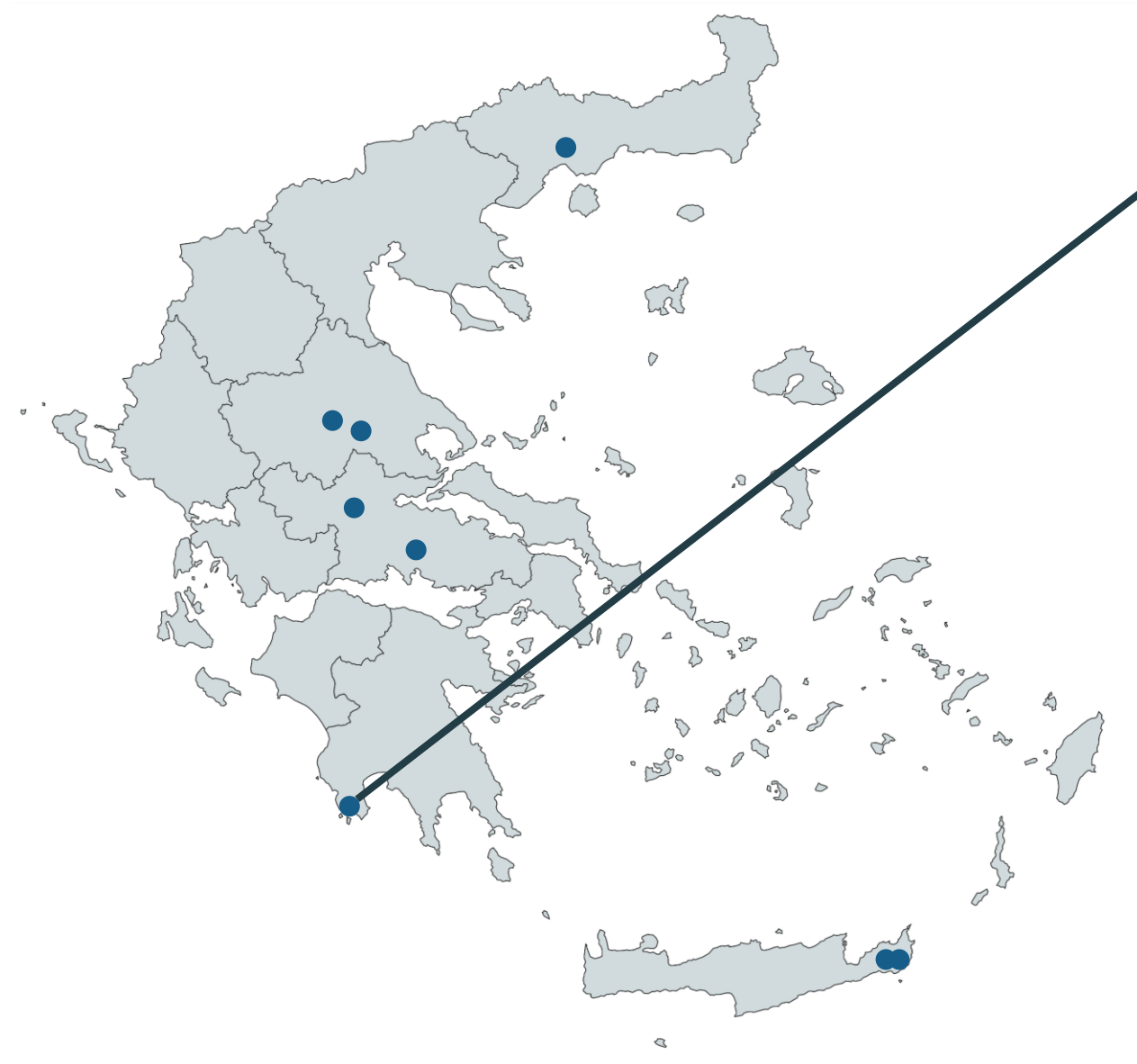
6. Minagiotiko Dam of Pylos and irrigation network

Construction Cost: **98,500,000€**

Affected Hectares: **3,500ha**

Beneficiary farmers: **3,500**

Capacity of new
Reservoir: **11,000,000m³**





7. Water Reservoir of Sitia and water transport network to an existing irrigation network

Construction Cost: **18,518,362€**

Affected Hectares: **413ha**

Beneficiary farmers: **500**

Capacity of new
Reservoir: **840,000m³**

8. Dam and Network of Agios Ioannis, Ierapetra and irrigation network

Construction Cost: **26,044,385€**

Affected Hectares: **1,045ha**

Beneficiary farmers: **1,050**

Capacity of new
Reservoir: **1,705,000m³**





Thank you for your attention!

-G. Vlontzos

18/12/2024