



Economic Cooperation Organization

Directorate of
Energy and Environment

ECO STRATEGY FOR ENERGY COOPERATION

TEAM

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ECO STRATEGY FOR ENERGY COOPERATION

The Energy Strategy 2030

presents the Long-term Energy Strategy of ECO region until 2030.

had the ambition to incorporate involvement of most significant stakeholders by reflecting their points of view for the expected evolution of the energy sector.

is based on “ECO Vision 2025”, existing literature and statistics of the energy, environment, economy sectors for the Member States of ECO.

provides a new long-term strategic framework for the energy sector of the ECO region.

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I. INTRODUCTION

- ❑ ECO is an intergovernmental regional organization encompassing countries from Europe, Caucasus and Central Asia, Middle East, and South Asia with more than 500 million inhabitants and over 8 million square kilometers connecting Russia to the Persian Gulf, and China to Europe.
- ❑ Energy is top priority in cooperation among member states of ECO regarding “ECO Vision 2025”. **The strategic objective of the sector is “to enhance energy security and sustainability through wider energy access and trade within the ECO Region and beyond”.**

II. RATIONALE

Driving Principles for a New ECO Energy Strategy 2030



● increase
the energy
market
integration

● provide
adequate and
equitable
distribution of
energy resources
among the
Member States

● enhance
existing
partnerships

● achieve
affordable
and cost-
efficient
solutions to
energy
constraints.

SETS OF REFORMS

Enhancement of institutional capacities in sustainable energy through regional collaborations

Scaling up regional sustainable energy investments

Close interaction and participatory approach with all relevant stakeholders

Revision of long-term policy frameworks and capital assignments

Diversifying the domestic energy mix and transition to cleaner types of energy

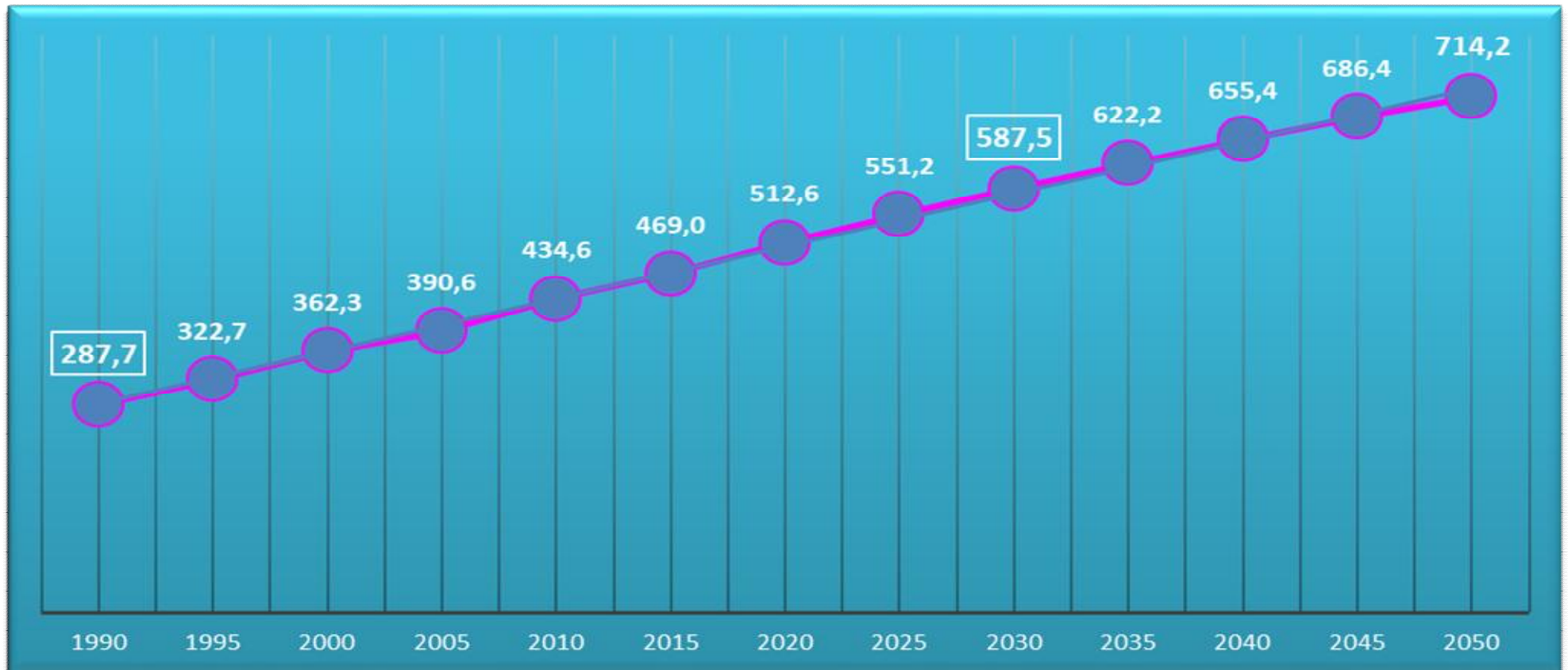
Launching proactive regional business models to enhance energy value chains and manage supply cut-offs

Uptake of climate change and environment-friendly policies in the whole chain of the regional decision-making process with a focus on their social and economic impacts

Application of best innovations and know-how in sustainable energy development policies

IV. MACROECONOMIC PROJECTIONS

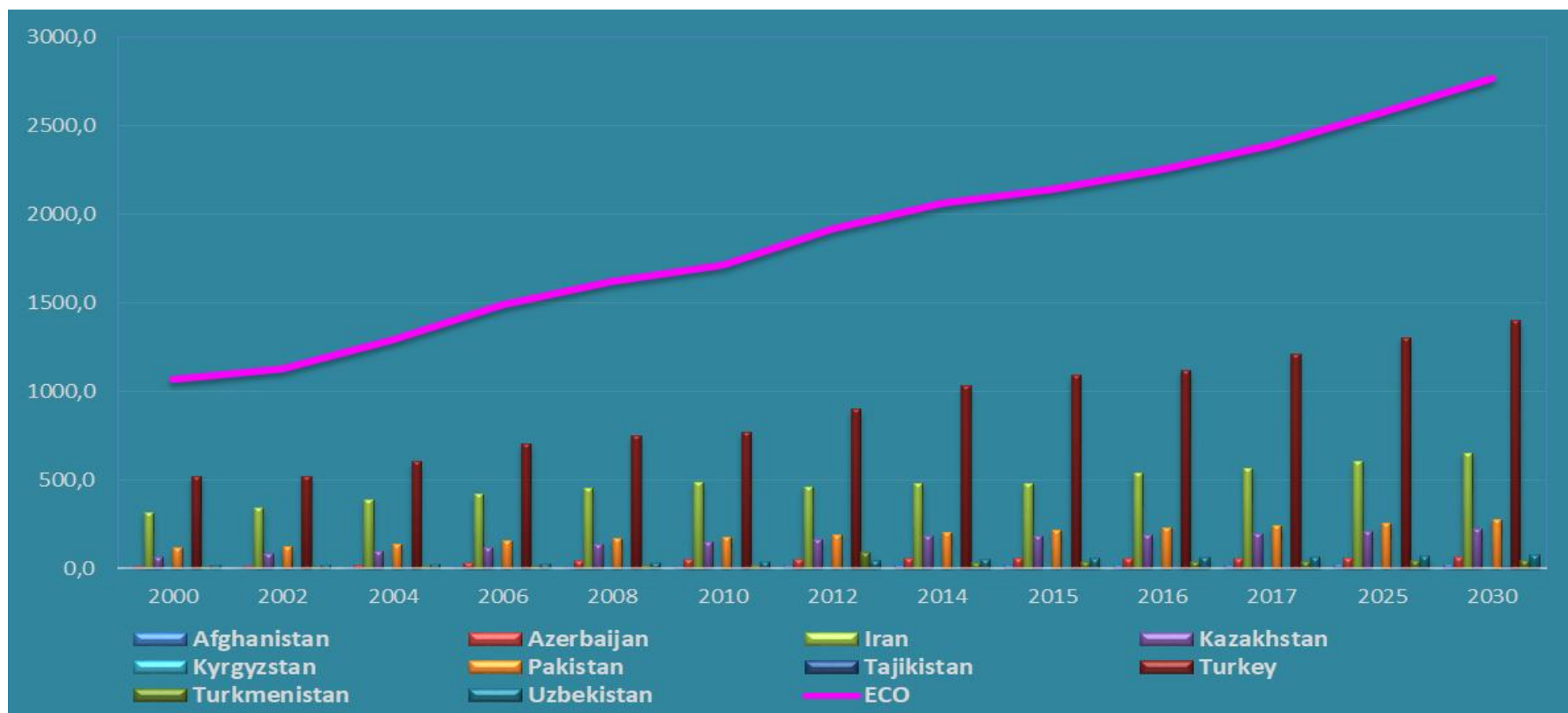
ECO Population projection in million inhabitants



Source: Grampinder, HYDE & UN (2021)

IV. MACROECONOMIC PROJECTIONS

Projections of Gross Domestic Product for ECO, in million constant US dollars 2010



V. STRATEGIC PILLARS

Mainstreaming Sustainable Energy Transition

Energy Security

Regional Electricity Market

Investment in Energy Sector

Downstream energy sector: Consolidating regional cooperation and raising competitiveness

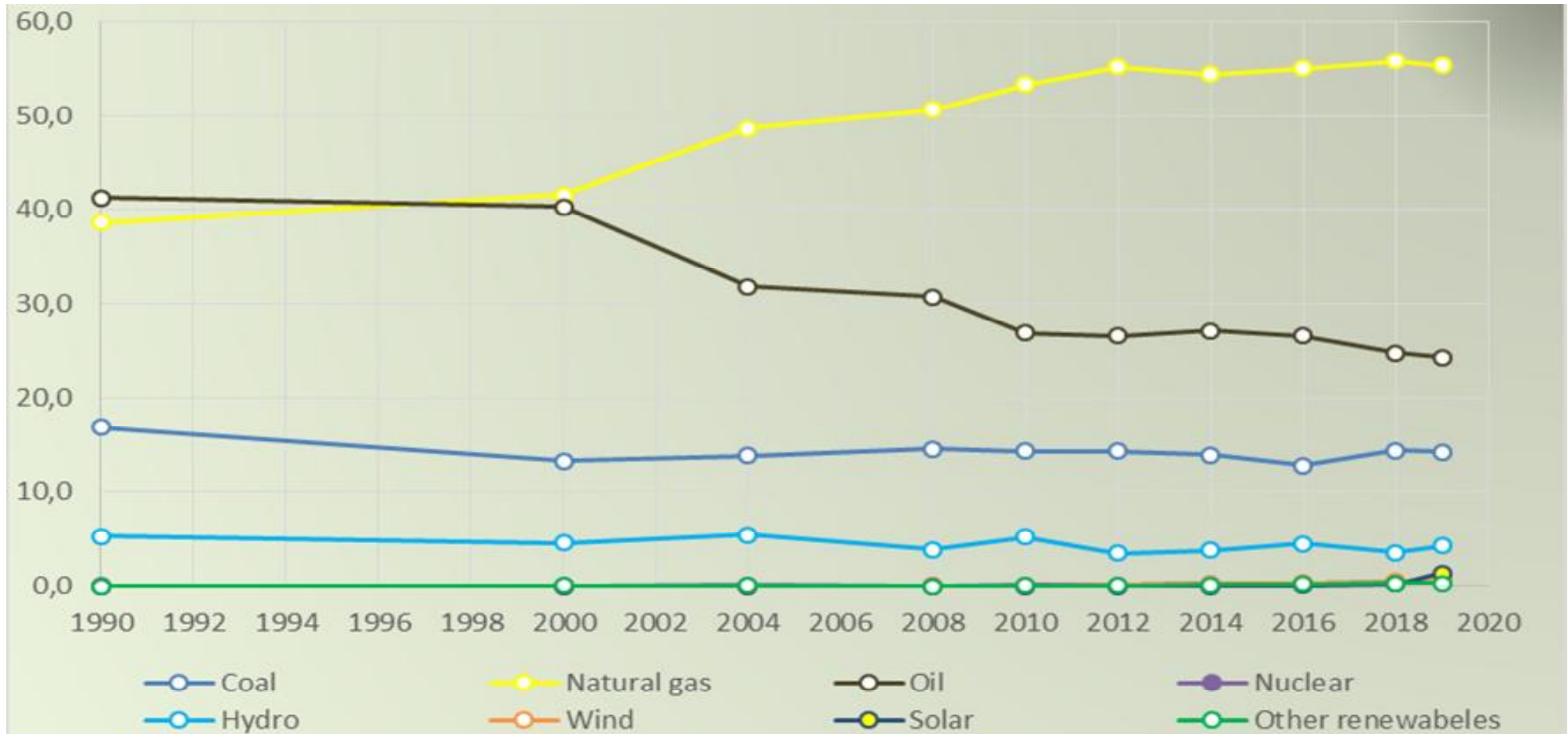
Energy Research, development, innovation and technologies

Energy Access and Energy Poverty Eradication

International cooperation on energy

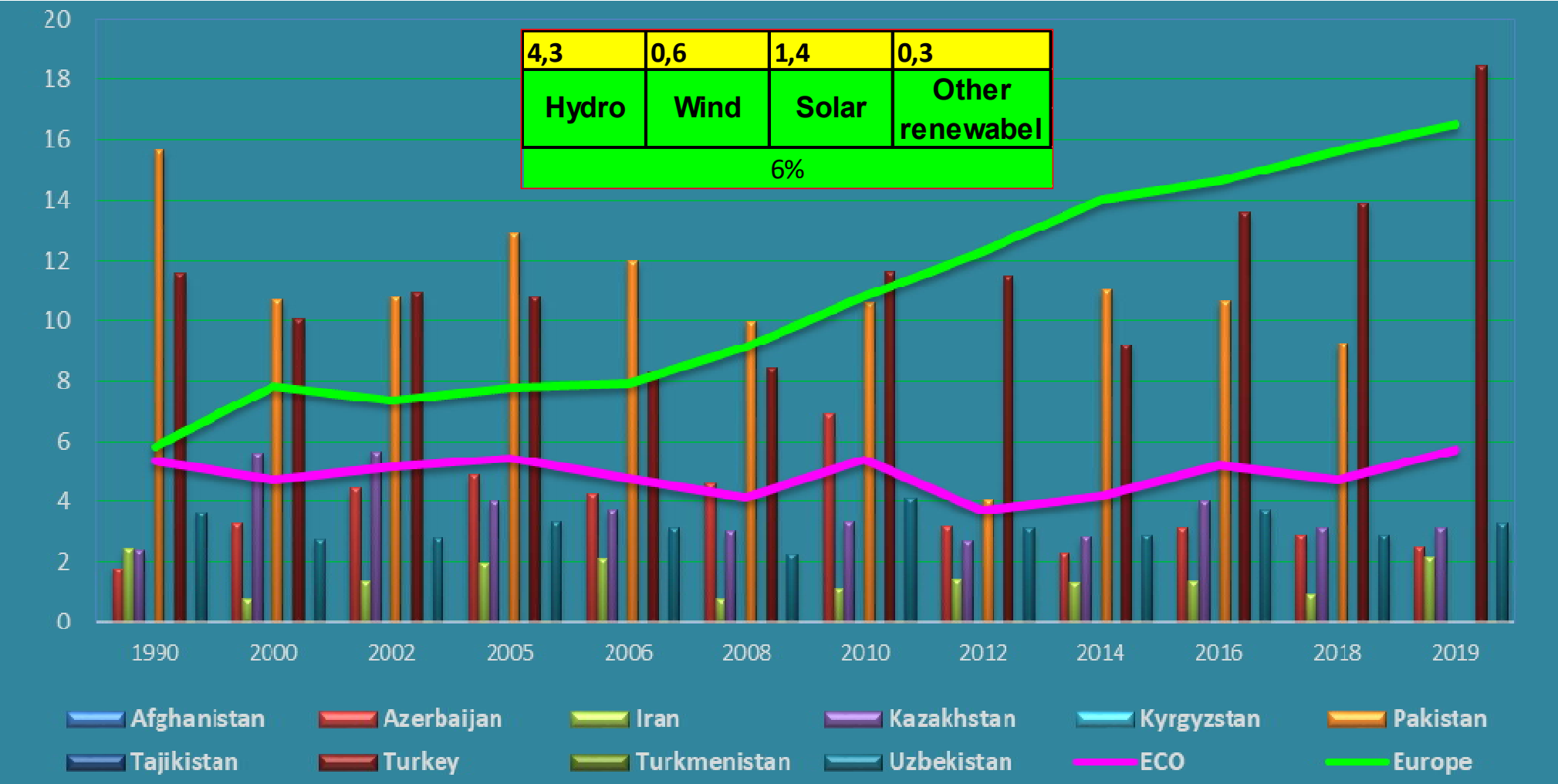
Monitoring mechanisms

Figure3. Share of energy consumption by source, ECO region, %:



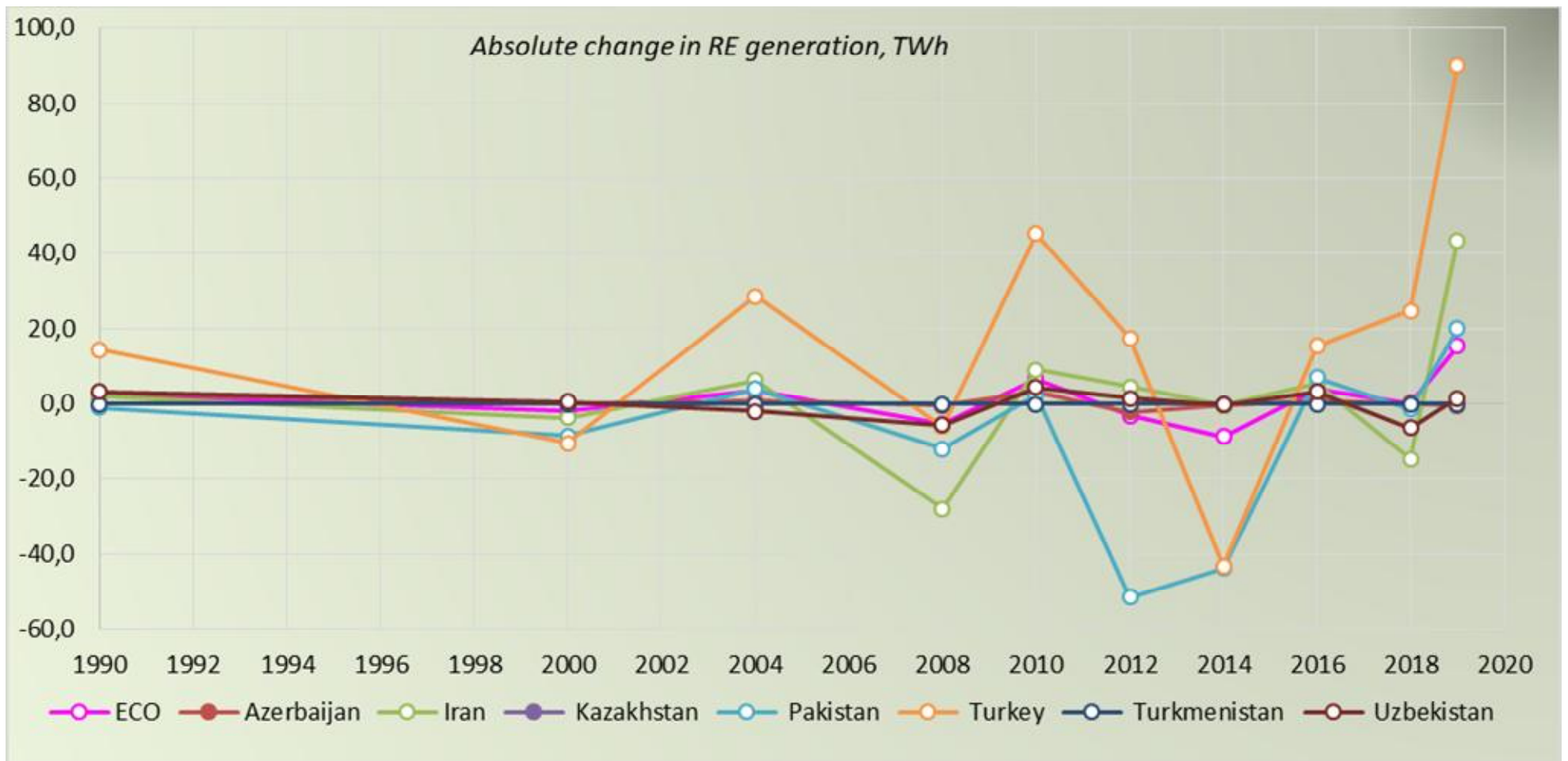
Source: Our World Data on BP Statistical Review of World Energy (2020)

Figure 4. Share of primary energy from renewable sources, for ECO region, %:



1.1. Renewable Energy

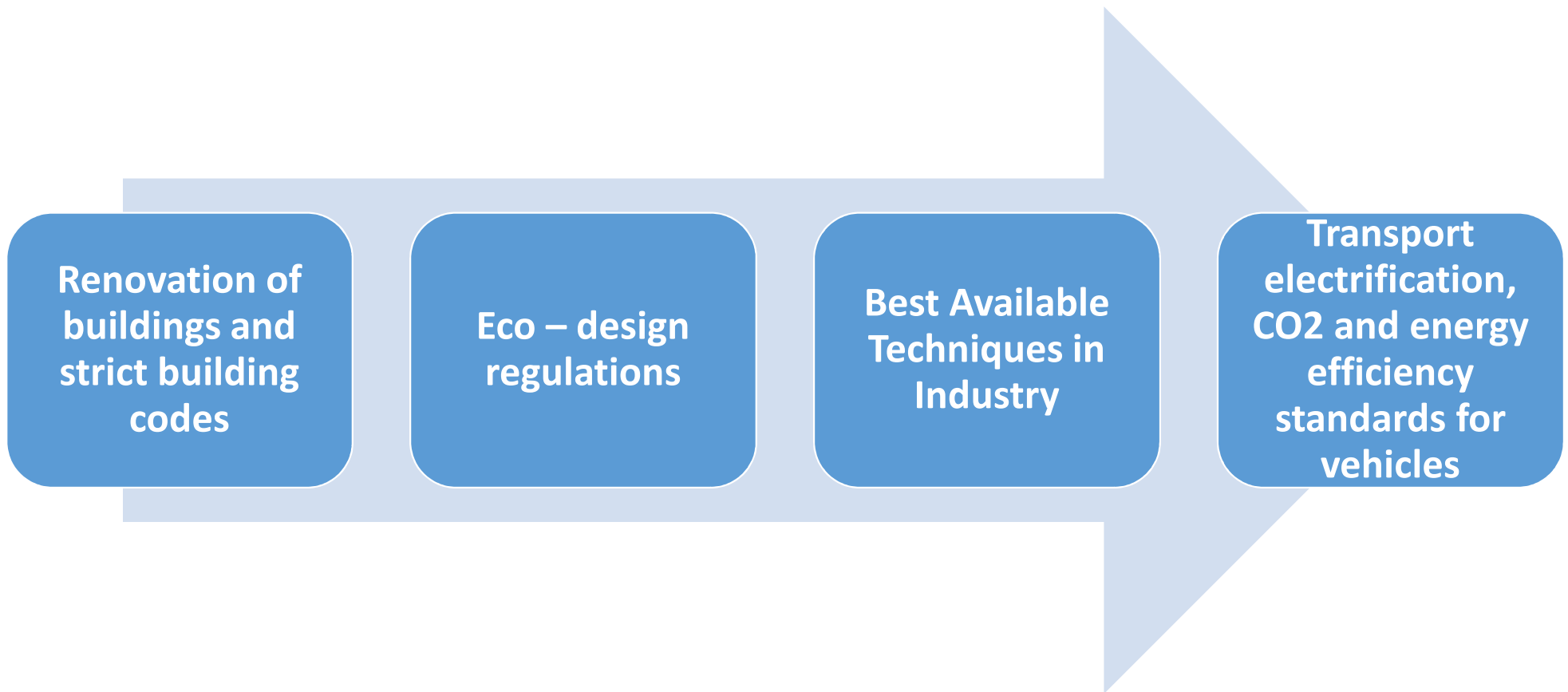
Figure 5. Annual change in renewable energy generation for ECO region



Source: Our World Data on BP Statistical Review of World Energy (2020)

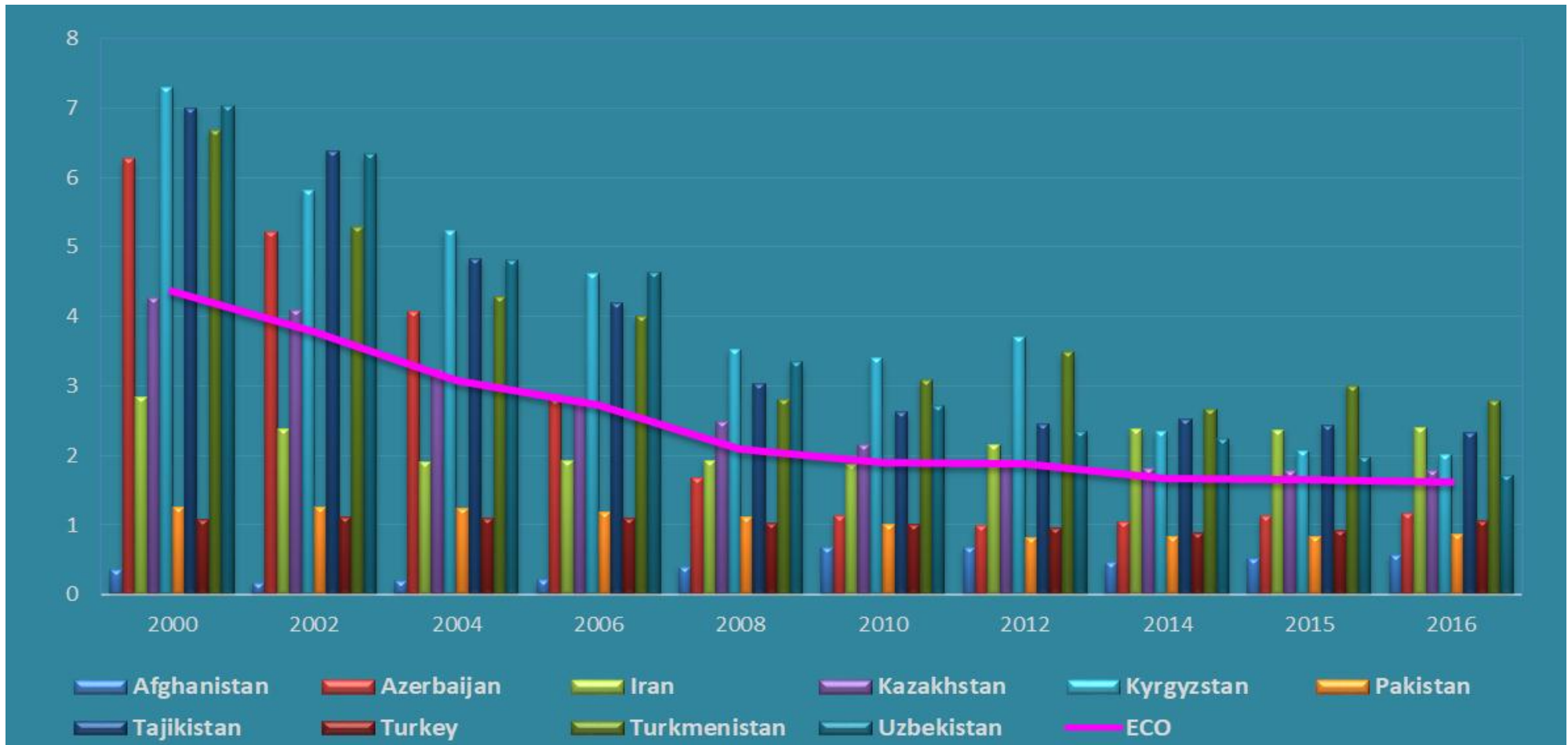
1.2. Energy Efficiency

The main policies for promoting energy efficiency and energy conservation and carbon finance mechanism



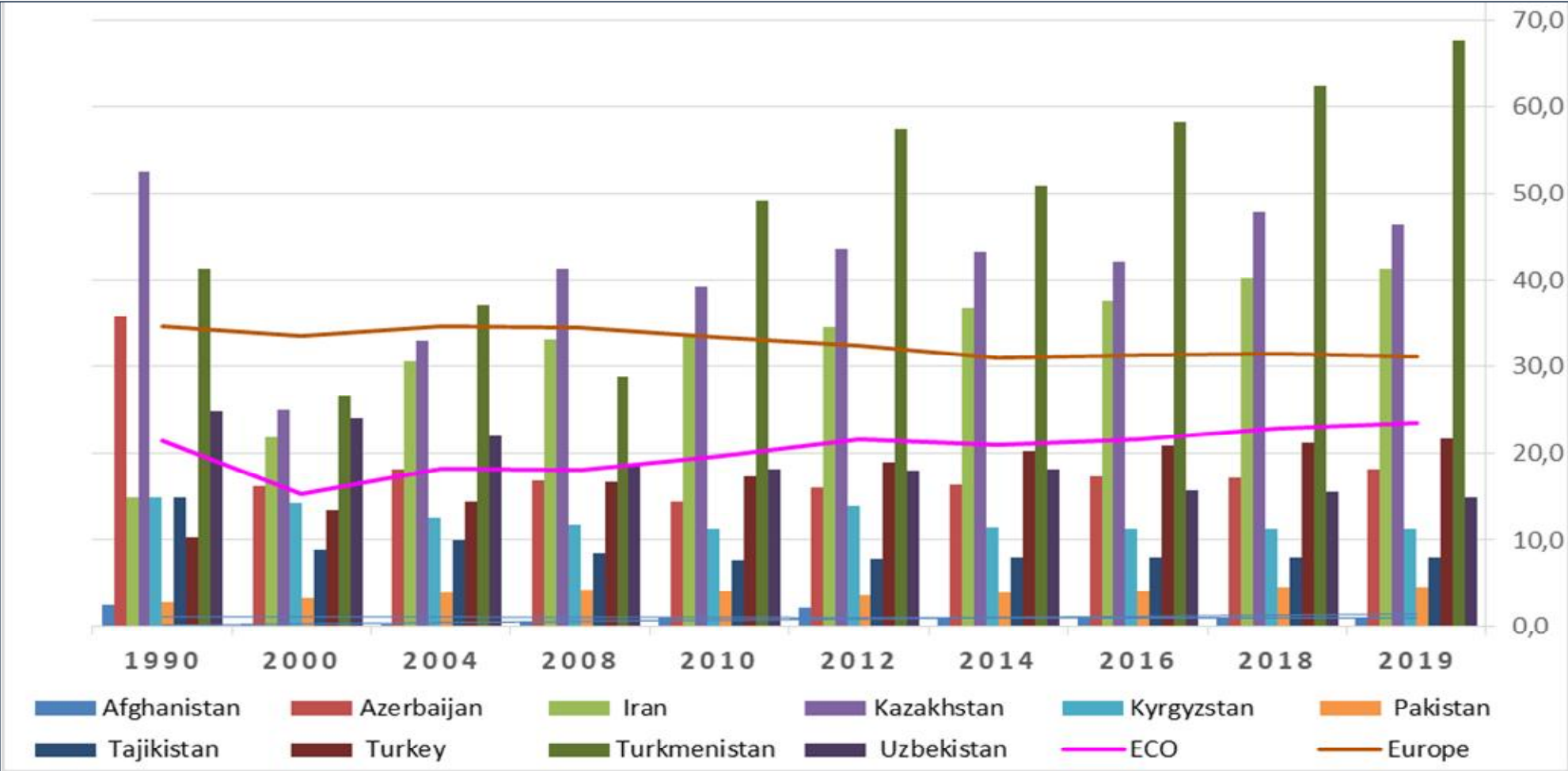
1.3. Energy intensity

Figure 6. Energy Intensity trend (TPES/GDP, toe per thousand 2011 USD PPP)



Source: World Bank, International Comparison Program database, 2019

Figure 7. Energy use per person, kWh.



source - Our World in Data based on BP & Shift data Portal

1.4. Green Economy

- The greening of the power sector through the rapid deployment of renewable energy and acceleration of energy efficiency is a key in formulating a climate change responsive approach to energy sector planning in the ECO region.
- The reuse or recycling of natural resource inputs;
- enhancing production and consumption of renewable sources of energy;
- preservation of critical (or non-substitutable) natural capital; and
- minimizing pollution and other environmental impacts – including GHG emissions – will be key vision to guide by ECO Secretariat

Diqqətinizə görə təşəkkür edirəm

İlginiz için teşekkür ederim

با تشکر از توجه شما

آپکی توجه کا شکریہ

Назар аударғаныңызға рақмет

Üns bereniñiz için sag boluñ

Көңүл бурганыңызга рахмат

ਤੁਹਾਡੇ ਧਿਆਨ ਲਈ ਧੰਨਵਾਦ

E'tiboringiz uchun rahmat

Ба диққататон ташаккур

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