



Energy security and energy efficiency are key to the economic development of Armenia. Through the EU4Energy Initiative, the EU supports affordable, secure and sustainable energy through more reliable energy supply, the promotion of energy efficiency, and the use of renewable energy.

To do this, the EU supports projects that:

- help reform energy markets
- reduce energy consumption
- promote renewable energy
- support energy efficiency

Initiatives such as the **EU4Energy Programme**, **Covenant of Mayors East**, and the **Covenant of Mayors demonstration projects** ensure that citizens, households and businesses enjoy more reliable energy supply, as well as reduce energy consumption and CO<sub>2</sub> emissions.

EU Sustainable Energy Week 2019 (17th – 21st June)

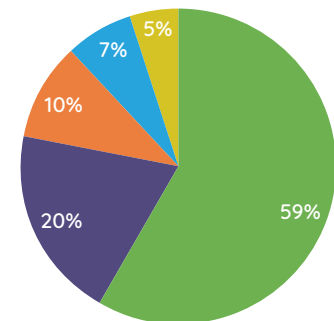
Every year, EU Sustainable Energy Week (EUSEW) brings together public authorities, businesses, non-governmental organisations and the public across the EU and in the Eastern partner countries to promote initiatives to save energy and move towards cleaner, more secure and efficient power. Under the EUSEW umbrella, **almost 100 Covenant of Mayors signatories** across the Eastern Partnership region organised **Energy Days** in 2018 to promote clean energy transition reaching around **50,000 people**.

Covenant of Mayors

The Covenant of Mayors is the world's largest movement for local climate and energy actions, bringing together thousands of local governments voluntarily committed to implementing EU climate and energy objectives. Signatory cities pledge to reduce greenhouse gas emissions **by 40% by 2030** and adopt a joint approach to tackling mitigation and adaptation to climate change. As of **April 2019 Armenia boasted 25 signatories** to the initiative, **covering over 57% of the population**.

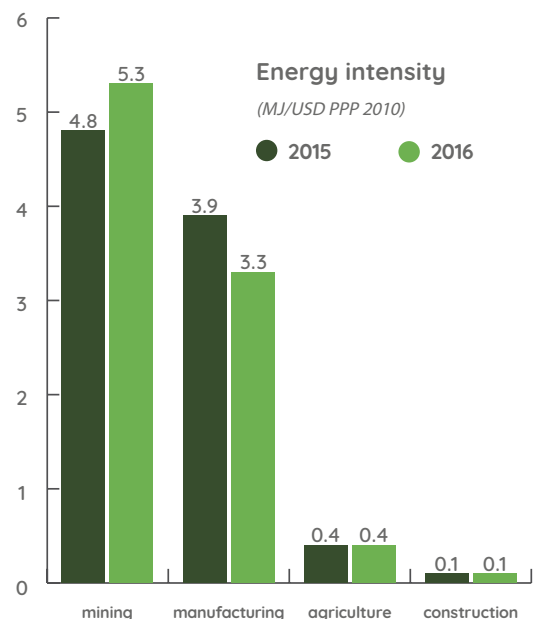
Armenia's energy mix

Total primary energy supply, 2016



- natural gas
- nuclear
- oil
- biofuels and waste
- hydro

Armenia's energy intensity



\* IEA data





### Embracing green and affordable synthesis gas

*"Before we were saving gas and even turning it off on sunny days, because it was just too expensive. Now we pay four times less than we used to."*

**Arthur Gasparyan,**  
Farmer



The *BioRuralHeating* project provided **six local communities** with heating equipment using sustainable biomass. The communities use the equipment to heat their kindergartens, schools and greenhouses.

### Renewables help combat poverty

*"Solar energy illuminates 30% of our streets at no cost at all."*

**Vasak Ghazaryan,**  
Head of  
Gusanagyugh's  
local administration



The Green Energy Project promotes renewable energy with **solar batteries installed in 29 spots** around Shirak Province. The project encourages authorities and citizens to install green energy facilities to generate income and improve life quality.

### Biogas boosts food production and heats homes

*"No one believed you could make gas from natural waste. Neighbouring villages now see that it is possible with a one-time investment."*

**Hayk Vardanyan,**  
Head of Areguni  
cooperative



The EU supported a biogas plant in Geghamasar and greenhouse in Areguni. The greenhouse **produces 12 tonnes of vegetables** a year and both initiatives have created stable jobs for locals.

### Getting the legal energy framework right

*"The EU4Energy Programme has helped Armenia adopt international best practice in building energy performance, near-zero energy buildings and appliance energy labelling."*

**Astghine Pasoyan,** Energy Saving Foundation, Armenia



Part of the EU4Energy Initiative, the EU4Energy Governance Project is helping Armenia enforce minimum energy performance standards.