

The European Union – Tajikistan Sustainable Energy Days

Empowering Energy Futures: SEDs lectures, quiz and awards

Energy College in Jaloliddini Balkhi, 28 May 2024

SEDs: Energy, climate change, and going green

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Sustainable Energy Days

- Sustainable Energy Days (SEDs) take place anywhere around the world from March to June 2024
- SEDs are promoting clean energy and energy efficiency
- SEDs are organized by public and private organizations
- SEDs are the perfect opportunity to engage with local communities and other green changemakers throughout Europe and beyond

The World Sustainable Energy Days

- The World Sustainable Energy Days (WSED) 2024 took place from 5 to 8 March in Wels, Austria
- WSEDs 2024 with the motto “Energy transition now – fast, smart, resilient!”, included:
 - ✓ Energy Efficiency Policy Conference
 - ✓ European Pellet Conference: Focusing on advancements in pellet-based renewable energy solutions
 - ✓ Young Energy Researchers Conference
 - ✓ Industrial Energy Efficiency Conference
 - ✓ Workshop “Cities and Regions”
 - ✓ Smart E-Mobility Conference

The European Sustainable Energy Week

- The European Sustainable Energy Week (EUSEW) has been launched in 2007 by the European Commission

The European Commission is the EU's politically independent executive arm

- EUSEW consists of a series of activities across Europe promoting secure, clean and efficient energy
- EUSEW brings together policymakers, stakeholders and citizens to achieve climate and energy goals for the Energy Union

The Energy Union is the political framework in which energy cooperation can take place between the Member States of the EU

- EUSEW is the biggest annual event dedicated to renewables and efficient energy use in Europe

The European Sustainable Energy Week (2)

- Since 2021, EUSEW is organized by the European Climate, Infrastructure and Environment Executive Agency (CINEA), in close cooperation with the Directorate-General for Energy

The Directorate-General for Energy is responsible for developing and implementing a European energy policy

- EUSEW 2024 will take place from 11 to 13 June in Brussels and online
- The main of focus of the EUSEW 2024 will be on "Net zero energy solutions for competitive Europe"

Net Zero Energy – consuming no more energy than is produced from renewable sources

The European Sustainable Energy Week (3)

Five main thematic areas for EUSEW 2024:

1. Net-zero technologies (e.g., net zero technologies and solutions, raw materials, competitiveness, etc.)
2. Cities and citizens (e.g., local leaderships, Sustainable Energy and Climate Action Plans, energy affordability, inclusion, energy communities, behavioural change, etc.)
3. Renewables (e.g., permitting, tendering, community participation, technologies, RES in transport, RES in industry, etc.)
4. Energy efficiency (e.g., reduction of energy demand, energy performance of buildings, industry, transport, financing, heating and cooling, heat pumps, etc.)

The European Sustainable Energy Week (4)

5. International cooperation and decarbonization (e.g., Green Deal measures, NECPs, COP29, Emissions Trading System)

Decarbonization is the term used for removal or reduction of carbon dioxide (CO₂) output into the atmosphere. Decarbonization is achieved by switching to usage of low carbon energy sources

The European Green Deal, approved in 2020, is a package of policy initiatives, which aims to set the EU on the path to a green transition, with the ultimate goal of reaching climate neutrality by 2050

NECP – National Energy and Climate Plan

COP29 - The 2024 UN Climate Change Conference - will convene from 11 to 22 November 2024 in Baku, Azerbaijan

The European Union Emissions Trading System is a carbon emission trading scheme which began in 2005 and is intended to lower greenhouse gas emissions in the EU

Sustainable Energy Days 2023 in Tajikistan

- SEDs, as part of the EU Green Diplomacy Week, held in Dushanbe (25-26 October 2023)
- SEDs programme included:
 - ✓ International Conference
 - ✓ Award ceremony of the most EE school in Dushanbe
 - ✓ Flash mob for the schoolchildren of the winning school

Sustainable Energy Days 2023 in Tajikistan (2)



Sustainable Energy Days 2024 in Turkmenistan

- First SEDs 2024, SECCA project has organized in Turkmenistan, in Ashgabat and Turkmenbashi from 29 April to 3 May 2024
- SEDs programme included:
 - ✓ Lectures to students of higher educational institutions and Round table discussions in Ashgabat and Turkemenbashi
 - ✓ Award ceremony for the most energy efficient school in Turkmenbashi and environmental campaign for schoolchildren
 - ✓ International conference “Climate change - challenges and solutions for sustainable energy” in Turkmenbashi

Sustainable Energy Days 2024 in Turkmenistan (2)

