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Gender and Energy Assessment in Turkmenistan :

Main Findings

Jemal Durdykova,
SECCA GESI Analyst for Turkmenistan

AGENDA

1. The Research Context
2. Access to Electricity and Clean Fuels
3. Women in STEM
4. Women's Employment in the Energy Sector

1. THE RESEARCH CONTEXT

- The compilation of this research was confronted with challenges related to the availability of comprehensive, recent and gender-disaggregated data. The findings presented here are based on the few national and international sources providing some data and information on the investigated topics.
- No gender references were found in energy-related policies, programs and projects
- There are gender references in main national and international policies. The main gender-related document is the **2021-2025 National Action Plan on Gender Equality**, the second in the country. Among its objectives:
 - “Increasing women's participation at all levels, including in the political and public spheres”
 - Encouraging and increasing the representation of women and girls in non-traditional fields of study, such as science, technology, engineering and mathematics

2. ACCESS to ELECTRICITY and CLEAN FUELS

- Turkmenistan boasts **universal access** to electricity (powered by natural gas), and almost universal access (99,9% in 2021) to clean cooking fuels.
- No gender-disaggregated data are available about the access of and use of electricity and clean cooking fuels.

3. WOMEN in STEM

- No gender-disaggregated data were found on STEM students in Turkmenistan.
- 2014: Turkmenistan launched a new training programme on "Non-traditional and renewable energy sources". 25% of its graduates are women.
- There are several international initiatives in the country to promote girls in STEM, such as:
 - *Empowering Central Asian Women in Renewable Energy* (OSCE)
 - *TechGirls* (US State Department)
 - *TechWomen* (US Embassy in Turkmenistan)
 - *STEM4All* (UNDP – UNICEF)

3. WOMEN'S EMPLOYMENT in the ENERGY SECTOR

- No comprehensive gender-disaggregated data are available about the energy sector's workforce.
- A 2024 OSCE study indicates that:
 - While in Turkmenistan women's employment in energy remains low and mostly in non-managerial positions, it is the second highest in the Region (after Kazakhstan).
 - Turkmenistan scores an equal share of female employment in the renewable energy sector compared to the energy sector as a whole. (In other regional countries, in comparison, renewable energies seem to attract more women.)

**THANK
YOU!**

