



"APPROVED"

**Rector of the Fergana medical
institute of public health**

A.Sidikov

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Fergana medical institute of public health

ACCESSIBLE AND CLEAN ENERGY POLICY IN LINE WITH SUSTAINABLE DEVELOPMENT GOALS

In a world where population, industrialization and technological developments are increasing rapidly, the need for energy is growing at the same rate. Meeting such a large energy need from fossil fuels means that the emissions that cause the global warming we are facing now increase and this vital problem grows. FMIPH is aware of how big the problem of global warming is and aims to produce clean energy from renewable sources and make this energy accessible in order to contribute to the solution of this problem. FMIPH accessible and clean energy policy covers the following issues and measures:

- Establishes the energy management coordinator within the university,
- It precisely determines the current energy usage amounts on the basis of units, conducts studies on energy losses, takes appropriate measures,
- Conducts energy efficiency and savings potential studies, creates an inventory and repeats these studies in required periods,
- Determines the methods and measures to be applied in energy efficiency and saving,
- Carries out the necessary studies for the establishment of ISO 50001 Energy Management System,
- Existing and planned campus buildings should have national and international energy performance standards, switch to systems with high energy efficiency and these activities should be carried out with LEED (*Leadership in Energy*) .

and Environmental Design-Progress in Energy and Environmentally Friendly Designs) gives priority to strengthening with green building certification studies,

- By examining the national or internationally accepted minimum efficiency criteria in the purchase of goods and services with energy consumption and construction works, it makes possible changes in the technical specifications for new purchases and constructions for this purpose,
- for the gradual replacement of all kinds of equipment, machinery, lighting and other vehicles that have completed their economic life in terms of energy efficiency with equipment that is more environmentally friendly and more efficient , and makes the necessary arrangements according to the data obtained,
- detailed and data- based potential studies on the conversion of wind, biogas and solar energy to electricity on campus and its surroundings,
- FMIPH has a say in the determination of national professional qualifications and standards in renewable energy in our country,
- It supports academic research projects for the research of renewable energy sources that will provide low carbon emissions ,
- It constantly monitors the corporate carbon footprint and works on carbon management and implementation of practices to reduce carbon dioxide emissions ,
- Performs visibility studies to raise awareness of the importance of energy saving and clean energy (Workshop , Panel, Symposium, Congress, Seminar, Social media posts, etc.),
- It carries out local, regional, national and global information activities about the policy of FMIPH regarding clean energy and efficient energy technology.

FMIPH has been an environmentally sensitive University since its establishment. This sensitivity, which started with both the protection of the existing green areas on the campus and the creation of new green areas, continues with the development of many projects and sustainable university studies on the green campus. In this context, it has established research institutes and centers within the university, which will work on clean and sustainable energy, which is one of the most important steps. In the next period, it continues to work to further its role in accessible and clean energy, both nationally and globally.