



The European Union – Uzbekistan: Sustainable Energy Days 2024

Workshop: Unlocking EU-CA Research Cooperation under Horizon Europe

Tashkent, 21 November 2024

Enhancing Uzbekistan's Research Potential through International Cooperation

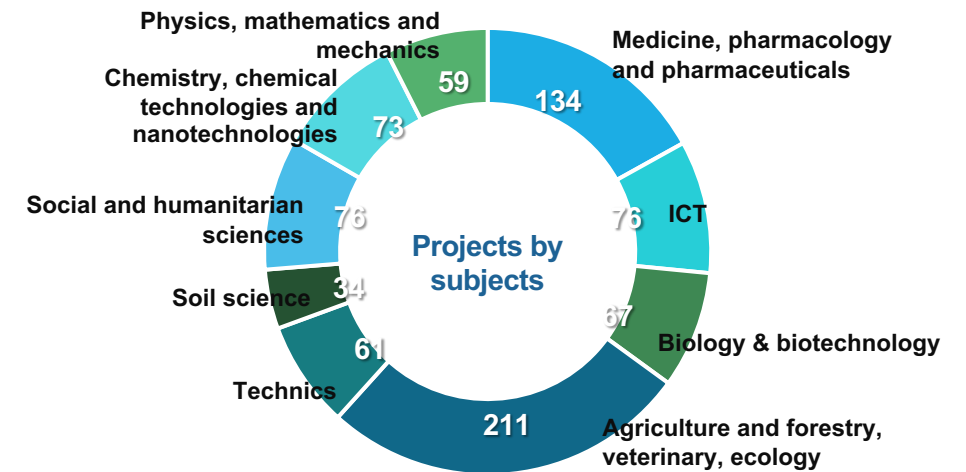
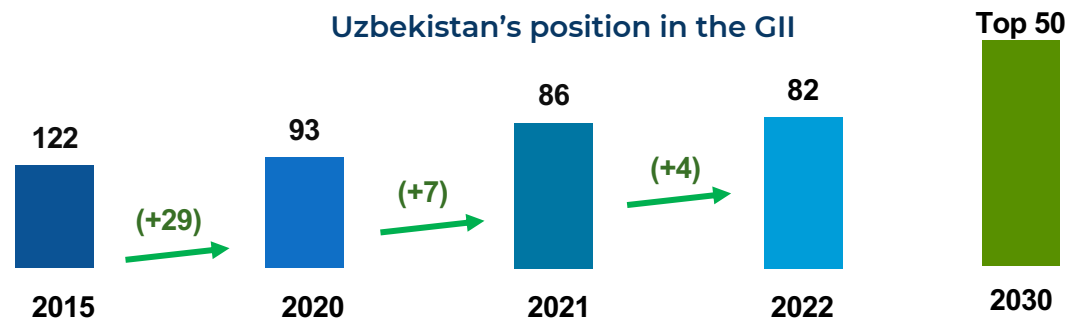
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Uzbekistan: A Rising Research Hub in Central Asia

- **87** normative-legal documents related to education, science, and innovation activities were adopted: **2** Laws; **5** Decrees and **28** resolutions of the President, **40** resolutions and 12 orders of the Cabinet of Ministers
- Annual state budget allocations for scientific activities tripled, project funding increased **3.5** times (1.5 trillion soums for **1,136** projects), scientists' salaries increased **3.2** times, and scientific potential increased by **44%**
- The number of doctoral students increased **10.2** times, and the number of researchers reached **6,265 (+26%)**
- **525** types of laboratory equipment worth **1,725.0** billion soums were delivered to improve the material and technical base of research and HEIs



Unlocking Global Collaboration

Vision: Transform Uzbekistan into a hub for achieving sustainable development goals in Central Asia by 2030, introduce a continuous education system that meets international standards, create opportunities for the population to find decent jobs in a changing labour market, and prepare competitive personnel through the provision of quality educational services while advancing the country's scientific, innovative, and technological development.

Goal: Grant academic independence to 35 HEIs; raise the scientific potential of HEIs to 70%, the average age of scientists to 39, and the number of researchers to 21,500;

Conduct joint scientific research with 50 countries and increase the share of science funding to 2% of GDP (a fivefold increase compared to the current level);

Increase the number of innovation activity entities to 2,250 and the number of annual patents sixfold.

Strategic Areas for Collaboration

- **Agriculture and Food Security:** Address climate-resilient crops, irrigation technology, and sustainable agriculture practices
- **Renewable Energy and Environment:** Research on solar, wind, and geothermal energy to support Uzbekistan's energy goals
- **Healthcare and Biotechnology:** Improve public health outcomes through research on communicable diseases, health technologies, and biotech innovation
- **ICT and Digital Transformation:** Develop expertise in AI, data science, and digital solutions to modernize industries
- **Educational Research and STEM Development:** Collaborate on educational strategies to promote STEM fields and research-based learning

SECCA's Relevance to Uzbekistan

- **Growing energy demand:** Uzbekistan's economy is expanding, leading to increased energy demand. We hope SECCA can help meet this demand sustainably
- **Abundant renewable energy potential:** Uzbekistan has significant potential for solar and wind energy. We hope SECCA can support harnessing these resources
- **Commitment to sustainable development:** Uzbekistan has set ambitious goals for renewable energy deployment and energy efficiency. SECCA aligns with these goals
- **Regional cooperation focus:** Uzbekistan recognizes the importance of regional cooperation in energy. SECCA provides a platform for collaboration with neighboring countries

Benefits for Uzbekistan

Access to funding and resources:

Secure funding for research projects, access to advanced research infrastructure, and participation in cutting-edge research initiatives

Knowledge transfer and capacity building:

Benefit from knowledge exchange with European partners, build research capacity, and train the next generation of researchers

Internationalization of research:

Increase the visibility and impact of Uzbek research on the global stage through joint publications and participation in international conferences

Technology transfer and innovation:

Foster innovation and technology transfer through partnerships with European companies and research institutions

Regional cooperation: Strengthen regional cooperation in Central Asia on research and innovation, contributing to sustainable development in the region

Enhanced Reputation and Influence

Establishing Uzbekistan as a credible research partner on the global stage



Thank you!

Q&A