



D. Serikbayev

**EAST
KAZAKHSTAN
TECHNICAL
UNIVERSITY**

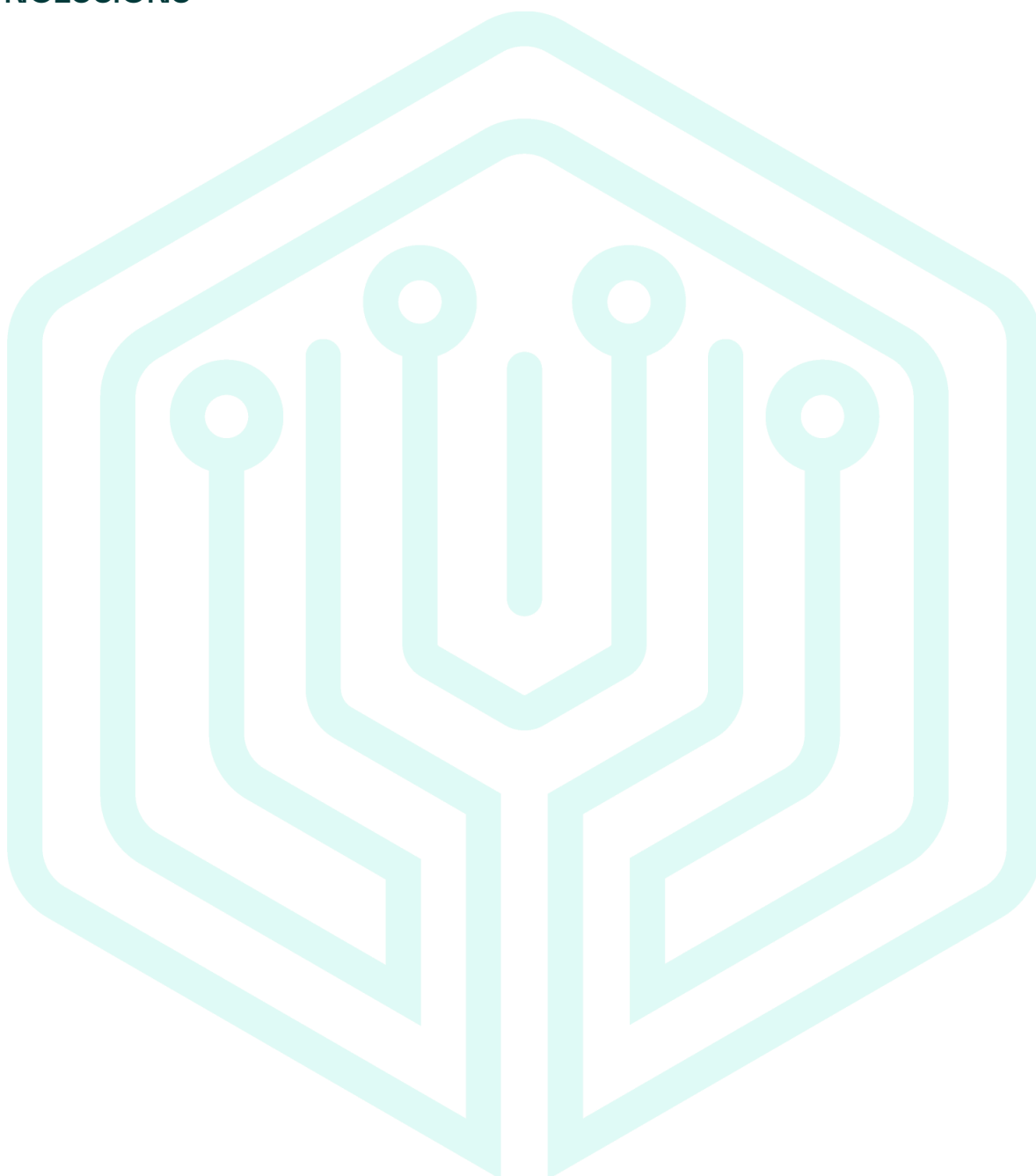
SDG 9

Policy of NJSC «D. Serikbayev EKTU»



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1 GENERAL PROVISIONS

1.1 Context and goal



The UN Sustainable Development Goal 9 (SDG 9) – «Industry, Innovation, and Infrastructure» – is aimed at fostering sustainable and inclusive industrialization, promoting innovation, and developing reliable infrastructure.

D. Serikbayev East Kazakhstan Technical University (hereinafter – the University) acknowledges its responsibility and potential in this area through ongoing projects, the development of laboratories, cooperation with industrial partners, and the implementation of innovations and

technology transfer.

The purpose of this Policy is to consolidate the University's contribution to achieving SDG 9 by reflecting current initiatives and establishing a sustainable system for supporting industrialization, innovation, and infrastructure development through its educational, research, and practical activities.

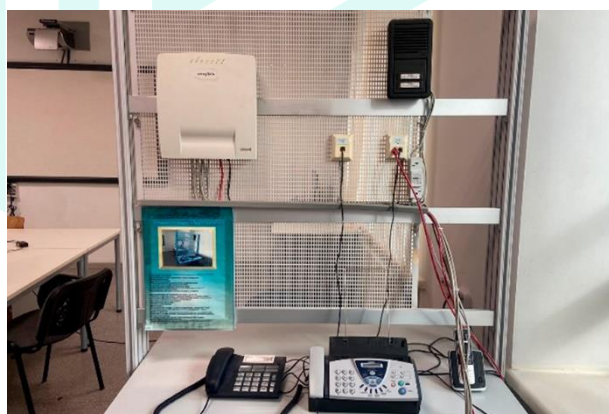
2 MAIN POLICY DIRECTIONS

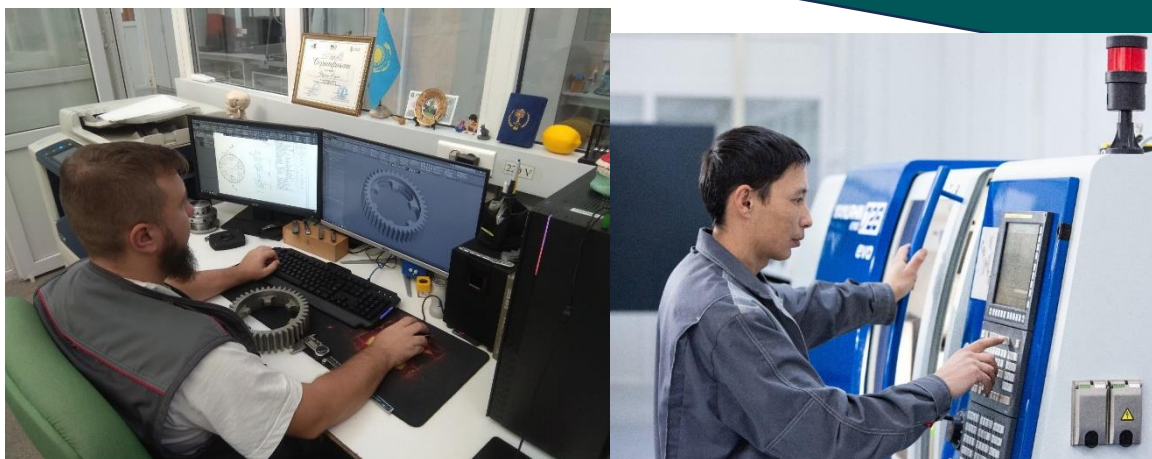
Modern Material and Technical Base

- The University operates engineering and scientific laboratories, competency centers, and other facilities necessary for conducting advanced research.



Laboratory «Telecommunications of Cyberphysical systems» (Center of Competence and Technology Transfer in Automation and Mechatronics)





Competence center «Smart engineering»



«Luban workshop»



Equipment of the Prototyping and 3D Printing Sector and the Metalworking and Welding Technologies Sector (Competence center «Smart engineering»)

Innovation Activities

- ⊂ The «ANGAR» Startup Platform provides a space for young researchers and entrepreneurs, contributing to the development of an innovation ecosystem.
- ⊂ «Smart Engineering» is one of the key initiatives reflecting the University's innovative potential.
- ⊂ Example of a project: AP13268737 «Development of technology for additive manufacturing of patient-specific metal implants with improved surface

biocompatibility properties» – demonstrating the University's involvement in cutting-edge, practice-oriented research.

○ The University participates in regional programs for industrial and innovative development, offering scientific solutions for production modernization.



Cooperation with Industry

- The University is a key partner for enterprises in East Kazakhstan, including *Kazzinc*, the *Ulba Metallurgical Plant*, energy companies, construction organizations, and others.
- A system of dual education and industrial internships is implemented, providing students with direct access to real production processes



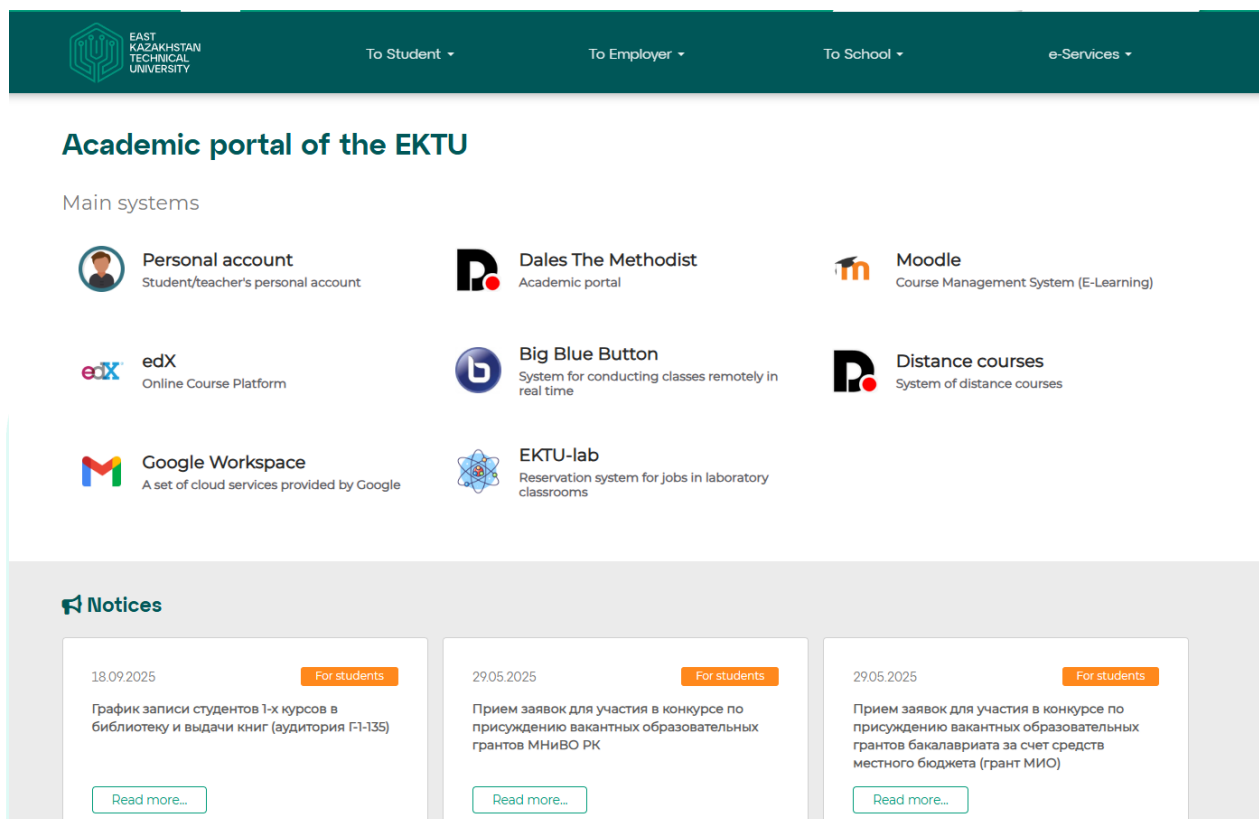
Сведения о заключенных соглашениях и договорах с социальными партнерами, промышленными предприятиями и научными организациями по формированию баз практик для студентов ВКТУ им.Д.Серикбаева

№ п/п	Наименование предприятий и организаций (с кем заключен договор)
1	ТОВАРИЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ "КАЗЦИНК"
2	ТОО КАЗЦИНКТЕХ
3	ТОО КАЗЦИНК-ТРАНС
4	АО УЛЬБИНСКИЙ МЕТАЛЛУРГИЧЕСКИЙ ЗАВОД
5	ТОО ВОСТОК-МОЛОКО
6	АКЦИОНЕРНОЕ ОБЩЕСТВО УСТЬ-КАМЕНОГОРСКИЙ ТИТАНО-МАГНИЕВЫЙ КОМБИНАТ
7	ГКП НА ПХВ ОСКЕМЕН-ВОДОКАНАЛ
8	АО КЭМОНТ
9	ТОО АЭС СОГРИНСКАЯ ТЭЦ
10	ТОО АЭС УСТЬ-КАМЕНОГОРСКАЯ ТЭЦ
11	АО ВОСТОЧНО-КАЗАХСТАНСКАЯ РЕГИОНАЛЬНАЯ ЭНЕРГЕТИЧЕСКАЯ КОМПАНИЯ
12	РГУ ДЕПАРТАМЕНТ ЭКОЛОГИИ ПО ВКЮ КОМИТЕТА ЭКОЛОГИЧЕСКОГО РЕГУЛИРОВАНИЯ И КОНТРОЛЯ МИНИСТЕРСТВА ОКРУЖАЮЩЕЙ СРЕДЫ И ВОДНЫХ РЕСУРСОВ РК
13	ТОО УСТЬ-КАМЕНОГОРСКИЙ КОНДЕНСАТОРНЫЙ ЗАВОД



Digital Infrastructure

- ⌋ The University is expanding its **electronic educational resources**, **distance learning systems**, electronic libraries, and databases.
- ⌋ Digital solutions are being implemented in the management of academic processes and scientific research.
- ⌋ Modern multimedia classrooms, virtual laboratories, and specialized software systems are in operation.



3 EXPECTED RESULTS



Enhancement of the University's international prestige through improved standings in sustainability-related rankings, including the THE Impact Rankings under SDG 9 «Industry, Innovation and Infrastructure».



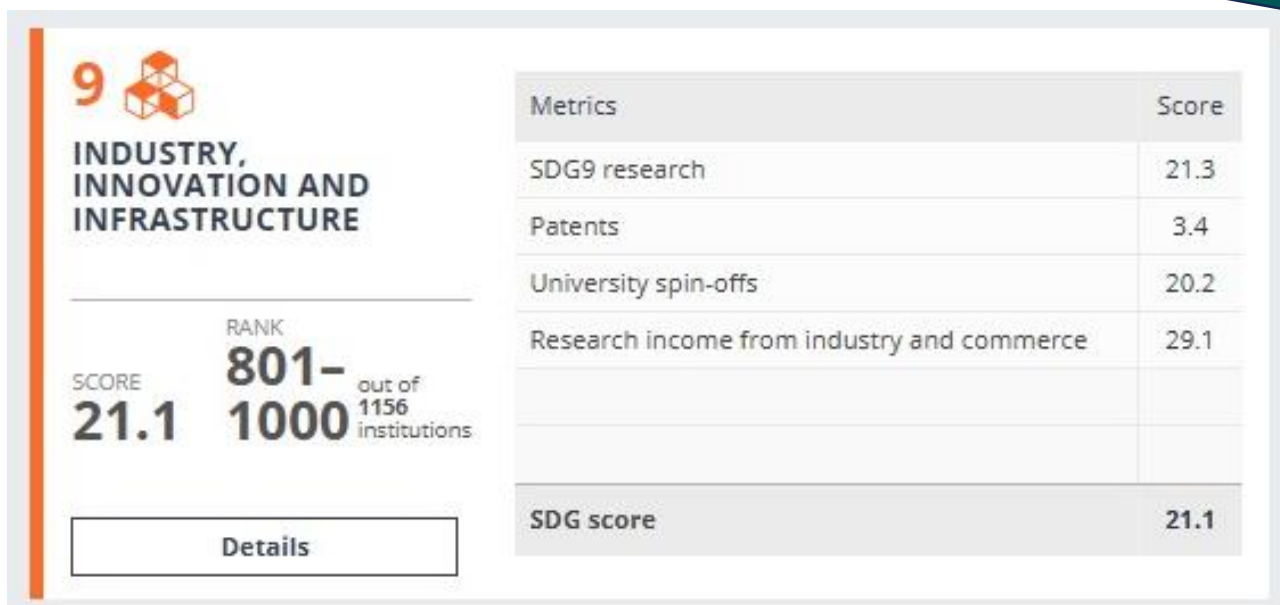
Strengthening of research and innovation potential, with an expanded range of developments ready for commercialization.



Practice-oriented student training aimed at preparing competitive specialists in demand across industrial sectors.



Reinforcement of the University's infrastructure – both digital and physical – through the continued development of laboratories, competency centers, and technology transfer facilities.



4 CONCLUSIONS

D. Serikbayev East Kazakhstan Technical University is consistently implementing the objectives of SDG 9. This Policy formalizes the University's contribution, highlights its existing resources and projects, and is aimed at leveraging these opportunities as a foundation for further sustainable development.