

Short-term, Medium-term and Long-term DEVELOPMENT STRATEGY

Azerbaijan State Oil and Industry University

(2021-2030)

№	Short-term (for 1 year)	Medium-term (for 5 years)	Long-term (for 10 years)
1	2	3	4
1	Establishing the university's reputation and gaining ASOIU's superior standing in the state education system		
1.1	The university's promotion while maintaining its custom of honoring the "Azİİ" brand	ASOIU's designation as a "national research university"	Creation of Innovative production areas at ASOIU
1.2	-	Increasing in the "Times High Education" ranking system to 7–10%	-
2	Improvement of management system		
2.1	The assurance of paperless document circulation.	The formation of the Board of Trustees for the upcoming five-year term by the Minister of Education based on the ASOIU Rector's presentation.	Making Strategic decisions related to the development of ASOIU and the Board of Trustees' control over the rectorship institute for the next five years
2.2	Establishing a university ranking institution	Forming auditing institution by the Board of Trustees	-
2.3	-	Reorganizing some of the departments and chairs u to the modern requirements	-
2.4	-	The establishment of the ASOIU Council of Elders	-
2.5	-	Employees' (including their families) database (Bigdata) creation	-
2.6	-	Database (Bigdata) construction for students (and graduates)	-
2.7	-	The establishment of an alumni communication network and its ongoing administration	-
2.8	-	Modern optimal structure of ASOIU selection	-

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3	Modernization of the academic and pedagogical staff		
3.1	Establishing the Alumni Section	As part of national and international cooperation programs, the academic and pedagogical personnel will be transferred to top educational and research institutions abroad for internship training and additional education, thereby enhancing their potential.	Enhancing the potential of the academic and pedagogical staff, they will be sent for further education and internship training to leading educational and research centers in foreign countries within the framework of national and international cooperation projects.
3.2	The involvement of talented graduate students in teaching and management structures at ASOIU, ensuring career development.	The involvement of talented graduate students in teaching and management structures at ASOIU, ensuring career development.	The involvement of talented graduate students in teaching and management structures at ASOIU, ensuring career development.
3.3	-	Preparing appropriate measures to ensure the timely defence of PhD and Doctor of Science candidates.	Establishing scientific and legal framework activities for the transition to a credit system in PhD education.
	-	Adapting topic selection in doctoral studies to the requirements of the 4.0 University and the 4.0 Industrial Revolution students.	-
3.4	-	Engaging masters and doctoral graduates who have completed their studies at highly ranked foreign universities and returned to Azerbaijan in academic activities at ASOIU.	Engaging masters and doctoral graduate who have completed their studies at highly ranked foreign universities and returned to Azerbaijan in academic activities at ASOIU.
3.5	Enhancement of the system for ensuring the material, cultural, and social needs as well as salary differentiation.	Enhancement of the system for ensuring the material, cultural, and social needs as well as salary differentiation.	Enhancement of the system for ensuring the material, cultural, and social needs as well as salary differentiation.
3.6	Implementation of a scoring system in the process of obtaining academic degrees and positions by the faculty members.	Implementation of a scoring system in the process of obtaining academic degrees and positions by the faculty members.	Implementation of a scoring system in the process of obtaining academic degrees and positions by the faculty members.

3.7	-	Signing only annual contracts with faculty members over the age of 75	Signing only annual contracts with faculty members over the age of 70
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4	Internationalization and Modernization of Education to align with modern era		
4.1	Updating curricula, subject programs, and improving their teaching-methodological base.	Improving the content of education to align with the demands of the labor market and industrial enterprises	Improving the content of education to align with the demands of the labor market and industrial enterprises
4.2	Creating an organizational structure for the management of education quality (ISO-9000)	Establishing web laboratories.	-
4.3	Globalizing education; intensifying relations with Erasmus, Marie Curie, and other institutions.	Creating a Training and Education Center.	-
4.4	Creating a MOODLE platform for distance education.	Transitioning suitable specialties to distance education at ASOIU (15-20%).	-
4.5	-	Developing the “University 4.0” concept for ASOIU.	-
4.6	Teaching lecture and practical lessons in web-based distance classrooms	Conducting laboratory work in modern, real technological processes using simulation laboratory devices	Conducting laboratory work in modern, real technological processes using simulation laboratory devices
4.7	Organizing laboratory lessons for specialized subjects in leading production enterprises of the country and in basic departments established at institutes of the Azerbaijan National Academy of Sciences (ANAS).	Organizing laboratory sessions for courses on speciality in the country’s leading production enterprises and basic departments established at institutes of the Azerbaijan National Academy of Sciences (ANAS)	Organizing laboratory lessons for courses on speciality in the country’s leading production enterprises and basic departments established at institutes of the Azerbaijan National Academy of Sciences (ANAS).

4.8	Establishing joint laboratories and educational centers with the participation of scientific centers, government institutions, and industrial entities.	Establishing joint laboratories and educational centers with the participation of scientific centers, government institutions, and industrial entities.	Establishing joint laboratories and educational centers with the participation of scientific centers, government institutions, and industrial entities.
4.9	Establishing the Israel-Azerbaijan Training Center.	Improving the activities of SMEs, implementing international and local projects.	Organizing dual education in certain specialties.
4.10	Improving the activities of the AzII IT Academy.	Expanding the activities of the Israel-Azerbaijan Training Center.	-

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4.11	Involving invited professors from leading foreign and local universities in teaching at ASOIU.	Involving invited professors from leading foreign and local universities in teaching at ASOIU.	Involving invited professors from leading foreign and local universities in teaching at ASOIU.
4.12	Creating opportunities for senior year students to undergo practical training throughout the academic year at advanced production enterprises and partially stimulating their labor at the expense of the enterprises.	Creating opportunities for senior year students to undergo practical training throughout the academic year at advanced production enterprises and partially stimulating their labor at the expense of the enterprises.	Creating opportunities for senior year students to undergo practical training throughout the academic year at advanced production enterprises and partially stimulating their labor at the expense of the enterprises.
4.13	-	Significantly increasing the number of students at the master's and doctoral levels compared to the bachelor's level, and attracting international students.	Significantly increasing the number of students at the master's and doctoral level compared to the bachelor's level, and attracting international students.
5	Stimulating education		

5.1	Gaining pedagogical experience and being awarded a special certificate within the framework of the "My Lecture" project.	Establishing special scholarships from local and international companies for distinguished students.	Establishing special scholarships from local and international companies for distinguished students.
6	Career opportunities for graduates		
6.1	Regularly preparing and analyzing statistics on the employment of graduates, and taking relevant actions based on the results.	Regularly preparing and analyzing statistics on the employment of graduates, and taking relevant actions based on the results.	Regularly preparing and analyzing statistics on the employment of graduates and taking relevant actions based on the results.
6.2	Organizing graduate-career fairs twice a year.	Organizing graduate-career fairs twice a year.	Organizing graduate-career fairs twice a year.
6.3	Creating opportunities for master's students to be employed in their field of study during their education, and ensuring the university's active participation in solving the problems faced by industrial enterprises through this process.	Creating opportunities for master's students to be employed in their field of study during their education, and ensuring the university's active participation in solving the problems faced by industrial enterprises through this process.	-

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7	Scientific activity		
7.1	Selecting and justifying 3-4 proactive scientific directions at ASOIU	Adapting global, highly competitive, and most important selected scientific directions to the 4.0 Industrial Revolution for students	-
7.2	-	Creating science and science-production centers	Creating science and science-production centers

7.3	Enhancing published scientific publications in terms of quality	Ensuring the Index Copernicus bibliometric database to be included in published scientific journals.	Ensuring the Index Copernicus bibliometric database to be included in published scientific journals.
7.4	Creating a working group within HPC Centre at ASOIU to create a community for HPC systems and Big Data	Ensuring the inclusion of the Azerbaijan Journal of 'High Performance Computing (HPC)' in the Scopus bibliometric database	-
7.5	Encouraging scientific research activities through internal university grants	Funding fundamental scientific directions by the state budget	-
7.6	Expanding the opportunities for students and other young people to realize innovative ideas through an innovative ecosystem that includes start-up schools and business incubators	Expanding scientific directions with the development of the national economy, expanding the experience of conducting joint scientific research with international science, education, and production centers, ensuring integration into the global scientific community, and involving their scientists and experts in the process	Implementing measures to transform scientific-research structures into organizations with a positive financial balance
7.7	Launching the Acceleration Center	Applying the knowledge and skills of the faculty through technology transfer	Creating the ASOIU Technology Park, the final stage in the startup project chain
7.8	Collaborating with technology and industrial parks	Achieving the application of finished products and technologies resulting from ASOIU scientific research with the participation of the business sector	Establishing an innovative production line with the participation of foreign enterprises
7.9	-	Incorporating representatives from the business sector into the Board of Trustees of ADNSU.	-

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7.10	Delivering lectures and conducting seminars at ASOIU by successful representatives of the business	Delivering lectures and conducting seminars at ASOIU by successful representatives of the business	Delivering lectures and conducting seminars at ASOIU by successful representatives of the business

	world, as well as top managers of local and foreign companies.	business world, as well as top managers of local and foreign companies.	ASOIU by successful representatives of the business world, as well as top managers of local and foreign companies.
8	International relations		
8.1	Developing partnerships with foreign universities in accordance with ASOIU academic profile.	Ensuring ASOIU membership in international organizations that contribute to the development of its regional and global collaboration.	-
8.2	Conducting international accreditation for the specialties in which specialists are trained (for 10 specialties).	Conducting international accreditation for the specialties in which specialists are trained (for 15 specialties).	Conducting international accreditation for the specialties in which specialists are trained (for 20 specialties).
8.3	Conducting joint scientific research based on bilateral agreements.	Conducting joint scientific research based on bilateral agreements.	Conducting joint scientific research based on bilateral agreements.
8.4	-	Establishing international branches of ASOIU	Establishing international branches of ASOIU.
8.5	Organizing faculty and student exchanges.	Organizing faculty and student exchanges.	Organizing faculty and student exchanges.
8.6	-	Establishing partnerships with 5 partner universities from 3 countries to strengthen the international environment at ASOIU	-
8.7	Establishing joint programs that facilitate the awarding of dual degrees and diplomas based on bilateral and multilateral cooperation.	Establishing joint programs that facilitate the awarding of dual degrees and diplomas based on bilateral and multilateral cooperation.	-
8.8	Ensuring participation in international grants, exchange, and research projects.	Ensuring participation in international grants, exchange, and research projects.	Ensuring participation in international grants, exchange, and research projects.

8.9	-	Establishing an international resource center to improve the teaching of foreign languages.	-
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8.10	-	Engaging international experts in quality control and the establishment of the university's quality control mechanism.	-
9	Expansion and diversification of financial capabilities		
9.1	-	Organizing commercial production through the enterprises founded and co-founded by ASOIU.	-
9.2	Conducting scientific research activities based on economic contracts with local and foreign enterprises	Conducting scientific research activities based on economic contracts with local and foreign enterprises	-
9.3	Participating actively in grant projects of national and international science foundations	Participating actively in grant projects of national and international science foundations	Participating actively in grant projects of national and international science foundations
10	Modernization of the material and technical base		
10.1	Establishing new laboratories and regular equipping of existing laboratories with modern equipment	Establishing new laboratories and regular equipping of existing laboratories with modern equipment	-
10.2	Expanding the Mineralogy Museum and ensuring its accessibility to the general public	Expanding the Mineralogy Museum and ensuring its accessibility to the general public	-
10.3	Expanding and enriching the AzII e-Book House	Expanding and enriching the AzII e-Book House	-
10.4	Commissioning the newly built 5th floor of the main teaching building	Reconstructing the 'Shafa' Recreation Center in Nabran in a new style as an Education-Treatment Center, and the organization of international summer and winter schools for students.	-

10.5	-	Commissioning the new dormitory building based on DOST with the support of the Asian Development Bank	-
10.6	-	Reconstructing the sports complex to meet modern requirements	-

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10.7	-	The construction of a residential building for the academic teaching staff	-
10.8	-	The reconstruction of the Cobalt Training Base in Dashkasan to organize recreational activities for the faculty and teaching personnel and to facilitate summer internships for students	-
11	Educational work		
11.1	The organization of roundtable discussions, debates, and intellectual games regarding national and spiritual values.	The organization of roundtable discussions, debates, and intellectual games regarding national and spiritual values	The organization of roundtable discussions, debates, and intellectual games regarding national and spiritual values
11.2	The organisation and promotion of events related to the study and dissemination of National Leader Heydar Aliyev's legacy and the ideology of Azerbaijani identity.	The organisation and promotion of events related to the study and dissemination of National Leader Heydar Aliyev's legacy and the ideology of Azerbaijani identity.	The organisation and promotion of events related to the study and dissemination of National Leader Heydar Aliyev's legacy and the ideology of Azerbaijani identity.

11.3	The solemn celebration of Azerbaijan significant historical dates and national holidays.	The solemn celebration of Azerbaijan significant historical dates and national holidays.	The solemn celebration of Azerbaijan significant historical dates and national holidays.
11.4	The organisation of events to raise awareness and promote Azerbaijani intellectuals who have made a significant impact on history.	The organisation of events to raise awareness and promote Azerbaijani intellectuals who have made a significant impact on history.	The organisation of events to raise awareness and promote Azerbaijani intellectuals who have made a significant impact on history.

At the Scientific Council meeting on 31.03.2021 (Protocol No. 7), the short, medium, and long-term Development Strategy of Azerbaijan State Oil and Industry University for 2021–2030 was approved.

Rector: Professor Mustafa Babanlı