



# The Report on Dangara State University preparedness for future challenges

Dangara State University, Tajikistan

Triggering innovative approaches and entrepreneurial skills for students through creating conditions for graduate's employability in Central Asia





# **TRIGGER** partners

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#### 1. Introduction

This Report on HEI preparedness for future challenges at DANGARA STATE UNIVERSITY serves as a basic document for further work on the project "Triggering innovative approaches, entrepreneurial skills and attitudes in HEI learners through creating the favourable conditions for graduate's employability in Central Asia" (TRIGGER) outputs preparation. The assessment is based on the HEInnovate tool - a free self-assessment tool for all types of HEIs, which is an initiative of the European Commission, DG Education and Culture and the OECD LEED Forum. Generally, it is intended for HEIs which are interested in assessing themselves against a number of statements related to the entrepreneurial and innovative nature of their higher education environment. The Report provides the first practical inside to eight areas:

- 1. Leadership and Governance.
- 2. Organizational Capacity: Funding, People and Incentives.
- 3. Entrepreneurial Teaching and Learning.
- 4. Preparing and Supporting Entrepreneurs.
- 5. Digital Transformation and Capability.
- 6. Knowledge Exchange and Collaboration.
- 7. The Internationalised Institution.
- 8. Measuring Impact.

The strength and weaknesses of HEI are identified and suggestions for strength support and weakness overcoming prepared.

The self-assessment of HEI was carried out from 4/19/2021.to 5/25/2021. The respondents included top management of the university, teachers, researchers, professional and support staff.

Altogether more than 85 respondents used HEInnovate tool.

# D1.2. The Report on HEI preparedness for future challenges

General comments: Please provide average number for the period from 2016 to 2020. All questions are for the period 2020-2021, if not specified differently.

# The Report on Dangara State University, Tajikistan preparedness for future challenges



# 2. University in a glance

- Established 2013 as a Dangara State University
- Faculties 11 Faculties
- Number of employees: 400 academic staff, and about 652 in total
  - Students 11254
- Alumni 1410 in 2021, more than 5000 in total
- The region in which your institution operates (industry, main employer, etc.) Dangara (Тајік Данғара) is an urban-type settlement located in the southwestern part of Tajikistan. The regional center of the Dangara region. Homeland of the President of Tajikistan Emomali Rahmon.

There is a railway station in Dangara on the Bokhtar-Kulob line, the Dushanbe-Kulob highway passes through the village, and there is an airfield serving domestic flights.

The main activity of the population is agriculture, including cotton growing, grain growing, horticulture, viticulture, beekeeping, and the cultivation of silkworm cocoons. There are also industrial enterprises and facilities in the region, such as a leather processing plant, an engraving, a brick, a cotton ginnery, a bakery, a flour mill, a garment factory and Free Economic Zone of Dangara.

• Other relevant information

At the Dangara State University, highly qualified specialists with high knowledge and skills graduate every academic year bachelor and master degrees. University has 6 campuses, 2 dormitories for students, 3 houses for teacher staff and 1 college in the region.

• The number of international students is 505, including citizens of Uzbekistan, Turkmenistan and Afghanistan. And also the University offered free Tajik courses for international students and the end of course they will get certificate of Tajik language.

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Max. 1 page (using Template for Deliverables structure)

#### 3. University organisation and management

The human resources at University (i.e. employed at the University).

a) Teaching Faculty 400

WP1: Assessment of the HEI preparedness for future challenges D1.2. The Report on DSU preparedness for future challenges



b)	Researchers	320	)
c)	Non Academic Staff	300	)

Budget of your University (in millions of Euros)

a)	Total	2233040,061 (21.06.2021)
b)	From Private Sector	2143718,458 (21.06.2021)
c)	From Public Sector	89321,60243 (21.06.2021)
d)	For Research Activities	558260,0152 (21.06.2021)
e)	For International Operations	55826,00152 (21.06.2021)

How does your Institution Rank (# GLOBAL INTERNATIONAL RANK)?

The organization has no international ranking yet, but we aim to be ranked in the future.

#### Type of Institution

- a) Private Institution
- b) Public institution Yes
- c) Mixed
- d) Other (please specify)

Is your organization certified for **Quality Assurance**? Yes. Agency for Supervision in the Field of Education and Science under the President of the Republic of Tajikistan, which is responsible to conduct Accreditation and Attestation of the University and external quality assurance in all educational institutions in the Republic Tajikistan, that's every 5 Years. DSU was successfully certified for Quality Assurance in 2020.

Is training regularly offered to service providers/technical staff in the following areas:

Staff week: Professional development course for employees on a regular basis, 1 time in 4 years by the Institute for professional development of employees of HEI. End the end of the courses the staff will get diploma.

Leadership: Leadership training courses are conducted by various projects.

What percentage of your staff members have participated in **staff training opportunities** organized abroad in the last 2 years? - 2%, Staff of the University in 5 training/seminars abroad: Technical University of Dresden, Germany (4 people 2018-2019), Varna University of Economics, Bulgaria (1



person 2021), Technical University of Košice, Slovakia (2 people 2022), Cod Azur University, Nice, France (4 people 2022), Academia WSB University, Dabrowa, Poland (1 person 2022).

Does your institution have an **identity, or a brand**? DSU has got a distinguishable logo (<u>www.dsu.tj</u>). DSU is explained as follows: D-destination, S-success and U-universal-passion in education, work and life.

Is there a **Marketing and Communication** Plan in force at your institution? The university has a marketing and communication plan in place, which is frequently updated by the "council of scientists".

Do you have a **marketing and communication office**? – Yes, the position of designer-referent of official correspondence functioning at the University, which provides services for the preparation and publication of promotional leaflets, banners, textbooks and other educational materials. This position also manages the electronic communication (webpage, Facebook).

Who/What office is responsible for **internal communication**? – Vice Rector of Academic Affairs and Quality Management Education, Vice Rector of Innovation and Distance Education and Vice-Rector of International Relations and Academic Mobility are responsible of it.

Who/What office or department is responsible for **external communication**? - Vice-Rector of International Relations and Academic Mobility and Faculty of Eurasia and International Relations.

Who/What office or department is responsible for **international communication**? - Vice-Rector of International Relations and Academic Mobility.

Regarding your website, do you consider that:

- a) The design is attractive Yes, but improving
- b) The information is well structured No, the in information are not clear in English
- c) The information is clear No, the in information are not clear in English
- d) The information is objective Yes

What **social networks** do you use to promote your institution?

- a) Facebook Yes
- b) Other Youtube

Do you have printed/electronic versions of your **brochures**, guides, etc.? - Yes, promotional leaflet of the University's specialties in Tajik, Russian, Uzbek and English languages. Also, the listed materials are placed electronically on website of the University.

Do you have merchandise for sale on campus?



a) Only on campus - Yes, at the University the center of "Mudi Chamanoro" produces various products, such as small shirts, satin, adras, lace with national decorations. Product samples are given to guests as gifts, as well as sold by pre-order.

In your opinion, describe activities (up to 3) that were implemented in the last few years with relevant **marketing and communication impact**.

- 1. Fair for the sale of books in conjunction with the famous typography of Tajikistan
- 2. Fair demonstration and sale of models, handicrafts, pictures, etc.
- 3. Development and provision of various projects in the field of entrepreneurship, education and science to attract investments.

A Facebook profile of the University has been established, which has almost 12000, members and the role of the channel is to promote the university and give information about its services.

#### 4. Education

Total number of students in your institution (specify number of International Students):

- Bachelor 11254 (505 international students from Uzbekistan, Afghanistan and Turkmenistan)
- o Master 287
- PhD Currently, the university has established a PhD degree in cooperation with other HEI and branch institutions, and 15 employees are enrolled. In the next year (2023), the organization of the PhD level in 3 specialties is planned.

Total Number of study programs (specify number of programs in English)

- a) Bachelor 74 (3 in English)
- b) Master 13
- c) PhD At the moment the University has not a curriculum education, in the next year (2023), the organization of the PhD level in 3 specialties is planned

There is the possibility to establish double degree programs, joint degree programs in the future.

#### Accreditation of your study programmes

What % of your programs are **accredited by international organizations –** The accreditation process has started but not finished yet. A self-assessment report for institutional accreditation has been

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presented to the European company EKKA. The process is supported by the Ministry of Education and Science of the Republic of Tajikistan and the World Bank.

Mobility indicators (all mobility programs in the last 5 years)

	Incoming	Outgoing
Number of students	-	6
Number of teachers/professors	12	52
Number of non-academic staff	-	-
Number of international student traineeships	-	-

Offer of **free online courses/ MOOCs**. – DSU have a free course for international students who are studying in DSU. DSU organized a free online-seminar-course for teachers/trainers from Ukraine and Poland.

Offer of **summer schools or short training courses** (for staff or students). – Yes, German course around the program Praxx and Logo.

Offer of **new pedagogical models** (ICT/E-learning/Distance Learning) for students – at the University created a model of alumni (specialist). Internship department, work with employers and young professionals.

**Alumni network** and how it works (the activities in which alumni network is involved). – At the moment, the university has a special center called "Practice and Career Development Department". For the future, we aim to implement a mechanism to improve communication with alumni.

The **database of companies** and **other institutions** interested in education provision and /or taking interns. – DSU has a database of the enterprises of the "Free Economic Zone of Dangara", for which the Department of Free Labour Exchange is responsible.

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#### 5. Research and Innovation

**Number of Research Units** 



Scientific publications (ISI - WoS)

- a) Number of articles published by researchers employed at the institution more than 820 (2020-2021).
- b) Number of journals published by the institution 2, Scientific magazine "Bulletin of DSU" and Scientific magazine "Politics, State and Law".

Research projects (number of projects and total budget)

a) National projects with international collaboration – 4 projects

1. Improving the quality indicators of specialists training in hydraulic engineering construction in accordance with the international requirements 2 346 448 TJS

2. The development of network cooperation between universities is a factor in improving the quality of education and professional development of teaching staff (joint project) 1 054 137 TJS

3. A mechanism for attracting rural girls to higher education at Dangara State University 377 600 TJS.

b) EU projects and other with international collaboration – 2 projects

1. TRIGGER – Triggering innovative approaches and Triggering innovative approaches and entrepreneurial skills for employability in Central Asia (Erasmus+ Capacity Building in Higher Education) ~54 000 EUR

2. TACES – Introducing Transdisciplinary European Studies in Tajikistan (Erasmus+ Capacity Building in Higher Education) ~40 000 EUR

#### **Foreign researchers**

a) Number of foreign researchers - short stay visits (up to one month) – 3 researchers/teachers from China, 2 researchers/teachers from Ukraine and 1 researcher/teacher from Russia.

b) Number of foreign researchers employed at the University – 2 (EKKA project)

Research funding (from 2016 to 2020) in millions of euros

- a) State budget 558260 Euros
- b) Private sector 89321 Euros
- c) EU and international funds 629 504 Euros



**Research fellowships** (average number for the whole period) Currently, the University does not have Research fellowships.

#### **Innovation indicators**

The number of national patent applications is 15. Currently there are no international patent applications and no spin-offs.

#### 6. International cooperation and internationalisation

Number of signed bilateral/multilateral international agreements.

Number of **international networks** in which the institution is involved – more then 30 HEI, including National University of Water and Environmental Engineering, Rivne, Ukraine; Politechnika Lubelska University, Lublin, Poland; Economic University of Varna, Bulgaria, Technical University of Košice, Slovakia.

Number of grants available for international students (average number for the whole period).

Scholarships are awarded by the Government of the Republic of Tajikistan to foreign students.

The representatives of **international affairs in the Managing Board** (Board of Directors) – Vice-Rector of International Relations and Academic Mobility and Head of the Department of International Relations and Management of Grant Projects.

#### International activities management model:

Management of international activities is carried out through the Department of Foreign Relations and Academic Mobility of DSU within the scope of projects.

Rate your internal infrastructures and how they reflect your level of internationalization

- a) On campus English Signage No
- b) On campus Help Desk Yes
- c) Internal Communication in English Yes, but will be improved in the future.
- d) University Newsletter or Magazine Yes (Amri Vaqt)
- e) Merchandise Shop No



Nume	rical	Literal	Expression of	The traditional expression of assessment		
express scol		expression of scores	points as a percentage	With number	Rating according to the traditional system by letter	
4,00	10	А	95-100	5	Excellent	
3,67	9	A-	90-94	5	Excellent	
3,33	8	B+	85-89			
3,00	7	В	80-84	4	Good	
2,67	6	B-	75-79			
2,33	5	C+	70-74			
2,00	4	С	65-69			
1,67	3	C-	60-64	3	Satisfactory	
1,33	2	D+	55-59			
1,00	1	D	50-54	1		
0,00	0	F <sub>x</sub>	45-49	2	Unsatisfactory	
0,00	0	F	0-44		Ulisatislactuly	

## The transparent grading system: formal document in English explaining the system

# 7. Informatisation

Do you have an **institutional information system**? Please choose all that apply and provide a comment on how it works:

The university uses Moodle as learning management system (www.moodle.org).

Is your **International Strategy** and annual objectives discussed throughout the University community? – Yes, organization of clubs for intellectual development of students and preparing them to participate in international level Olympiads and achieve success in this process (no less than the 3rd place in the subject they participated in).

Is Internationalization formally acknowledged in your institutions Strategic Plan? - Yes

Do you have a minimum **English language requirement**? – Yes, Knowledge of English is one of the main requirements for the position competition.

Has there been a **formal restructuring** of your organization resulting from the internationalization process? This can be taken into consideration for further improvement.

Does your organization have **criteria for international partnerships/protocols**? – Yes, the growth of international students, the university's partnership with prestigious universities in other countries and



the gradual participation of university staff in international cooperation projects and mobility programs testifies to the development of international cooperation at the university.

Do you have **bilingual forms** or other important documents (national language and English)?

- a) Application Forms Yes (DSU has in Tajik and Russian languages)
- b) Transcripts
- c) Diploma or Diploma Supplement

Is the **funding allocated to international operations** in agreement with the internationalization strategy? – No

In your opinion, what would be the single most important **change/improvement** to your **internationalization model**? The Development program of the university considers changing the name of the University to "International University of Leadership" in the next 5 years (2022-2027).

Select the internationalization activities that your institution focuses at:

Internationalization activities include:

- Academic staff mobility
- Bilateral or multilateral cooperation
- International traineeship
- Participation in international university networks
- Strategic partnerships
- Study programs in other foreign languages
- International research activities

Do you offer **free online courses/ MOOC** in English? – No, but DSU offers free Tajik course for international students.

Do you offer summer schools or short training courses **in English or other foreign language**? – Yes, English, German and Chinese courses.

Does your institution offer **new pedagogical models** (ICT/E-learning/Distance Learning) for **international students**? – Yes, Distance Learning. This approach to the formation of working curricula allows the university to develop and successfully adapt already established scientific and pedagogical schools in a rapidly changing environment, as well as make the most of the available information and library resources and educational and laboratory facilities.

Do your students have access to a **multinational work environment** at some period/time, during their academic path (e.g. job shadowing in an international company) – No.



In how many languages is your institution website available?

In more than two languages: Tajik, Russian and partly in English.

Which internal service(s) are focused and responsible for **international promotion**? Department of International Relations and Academic Mobility.

Do you have programs to encourage **international visibility** (e.g. Ambassador's Program)? – Within different projects professors/teachers visited foreign universities (e.g., in Austria, Bulgaria, Finland, Frances, Italy, Slovakia)

Please indicate NUMBER, from 2016, in how many of the following events your institution participated:

- a) International fairs 5 (Ukraine 2016, 2018 and 2020)
- d) International Days organized by your partners 2

## Do you participate in any twinning programme?

University employees did not participate in the twinning program.

Do you have electronic versions of your brochures, guides, etc. in any **foreign language**? – Yes, Student handbook - travel guide in Tajik and Russian languages (Guideline). The university is planning to translate the student handbook to English.

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# 8. Self- assessment of dimensions based on HEINNOVATE

#### **DIMENSION: Leadership and Governance**

Please describe the main results of the self-assessment for this dimension.

#### WP1: Assessment of the HEI preparedness for future challenges D1.2. The Report on DSU preparedness for future challenges

DIMENSION: Leadership and Governance

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16	25	10 20
22	25	4 20
14	25	11 30
19	27	4 30
19	25	7 20
14	27	11 10
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14 🗖	25	<b>11 21</b>
15	28	8 20
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12	30	11 0
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1 = very low; 2 = low; 3 = average; 4 = high; 5 = very high

0-60 the number of persons participated in the questionnaire

Please indicate at least 3 measures to be taken by your HEI.

A dedicated unit close to senior management. -

- Support the faculties or units through a range of incentives and rewards linked to the demonstration of entrepreneurial and innovative outcomes
- Support start-ups and / or established companies in the region to enhance innovation and growth

# **DIMENSION: Organisational Capacity: Funding, People and Incentives**



#### Please describe the main results of the self-assessment for this dimension.

#### 1 = very low; 2 = low; 3 = average; 4 = high; 5 = very high

DIMENSION: Organisational Capacity: Funding, People and Incentives

Make office and laboratory space available for staff to pursue entrepreneurial activities	19	29	4 10
Provide opportunities for professors to work part time in their own companies (where permissible)	13	28	<b>11 1</b> 0
Instigate systems for rewards beyond traditional research, publications and teaching criteria	11	27	11 4 0
Provide development sabbaticals for staff who seek to enhance their entrepreneurial capacity	14	29	9 10
Provide institutional funds to staff to stimulate innovation and change	13	30	8 20
Adjust staff teaching and research workloads for those who take on new responsibilities that support	17	23	12 10
Link the training needs of staff with career objectives that support the entrepreneurial agenda	15	30	5 30
Measure staff progression against these objectives on a regular basis	14	30	8 10
Set individual objectives and performance indicators for all staff supporting the implementation of the	16	25	<b>11 1</b> 0
Have a formal policy for career development for all staff linked to the implementation of the		- 28	7 0
Have mechanisms in place for shared risk and rewards in engaging in entrepreneurial opportunities	17	22	11 12
Recruit individuals with strong entrepreneurial backgrounds from the private, public or voluntary	16	29	7 10
Give status and recognition to those who contribute to the institution's entrepreneurial agenda	16	25	<b>11 1</b> 0
Demonstrate the importance it attaches to bringing in people with diverse backgrounds	13	28	<b>12 0</b>
Support cross-faculty teaching and research groups	16	29	6 20
Create and support interdisciplinary structures	17		<u> </u>
Establish structures for staff-student dialogue and decision making	17	31	4 01
Promote shared facilities across faculties	20	28	3 20
Reinvest revenues generated from leveraging their own research, teaching and third mission	14	25	1121
Aim for a balanced and diversified range of funding and investment sources, including in-kind	14	25	12 11
Continuously engage with funders and investors to secure financial resources to deliver on its	16	27	7 21
Ensure a close link between its long-term commitment to investing in entrepreneurial and innovative	13	29	
	0 10	20 30 4	40 50
■5 ■4	4 =3 =2 =1		

0-60 the number of persons participated in the questionnaire

Improving the organisational capacity of HEIs would positively affect their capacity to generate societal and economic value. This dimension highlights the roles of HEIs beyond teaching and research, incorporating entrepreneurship and innovation, social outreach and contributions to their respective ecosystems.

For the HEIs has the capacity and culture to build new relationships and synergies across the institution, for the HEI is open to engaging and recruiting individuals with entrepreneurial attitudes, behavior and experience and for the HEI invests in staff development to support its entrepreneurial agenda were marked highly by academic staff.

Please indicate at least 3 measures to be taken by your HEI.

- The university administration should create structures for communication between employees and students, as well as for joint decision-making
- People with strong entrepreneurial experience should be recruited from the private sector, public or voluntary sectors
- Key performance indicators should be set for all employees who support the implementation of the business program

#### **DIMENSION: Entrepreneurial Teaching and Learning**

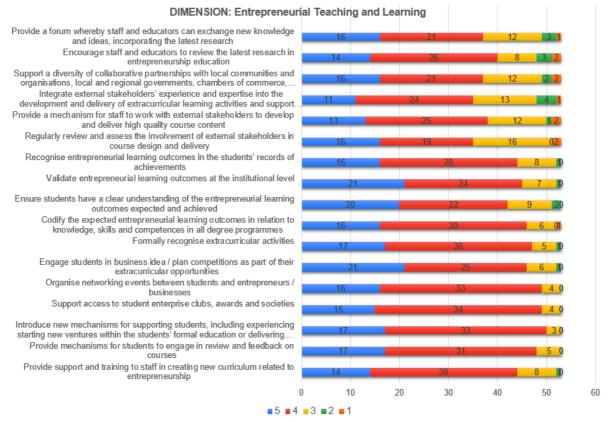
Please describe the main results of the self-assessment for this dimension.

Interest in entrepreneurship education is growing over the world. However, we know rather little about the outcomes of entrepreneurship education, in particular with respect to which type of course content produces the best results (i.e. most high performing entrepreneurs) and how this affects different types of students.

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There is a great variety of different views in the field of research concerning the content and structure of entrepreneurship courses, but no comprehensive study has yet been done in which these competing views are clearly articulated as rivals and tested against each other. There is also a lack of program evaluations. Therefore, the assessment of DSU staff regarding evaluation of Entrepreneurial Teaching and Learning processes is highly marked. Despite the fact that this process get high scores from the respondents, actually entrepreneurial education is taught not in whole university.



1 = very low; 2 = low; 3 = average; 4 = high; 5 = very high0 - 60 the number of persons participated in the questionnaire

As a result of survey is entrepreneurship has a special position in economic relations, in which it reflects the attitude and adoption of non-standard and innovative decisions. It is clear that not everyone can do business. Because this business requires special characteristics of behavior, thinking, the presence of certain skills from the entrepreneur. A true entrepreneur is a strong person who understands the business environment very well and has the skills to make operational and economic decisions.

Please indicate at least 5 measures to be taken by your HEI.

- Support curriculum change to stimulate and develop entrepreneurial mindsets and skills through new pedagogies, student-centered, cross-disciplinary and practice-based learning (e.g. living labs, the use of case studies, games and simulation)

- Provide support and training to staff in creating new curriculum related to entrepreneurship

- Introduce new mechanisms for supporting students, including experiencing starting new ventures within the students' formal education or delivering entrepreneurship education with practicing entrepreneurs

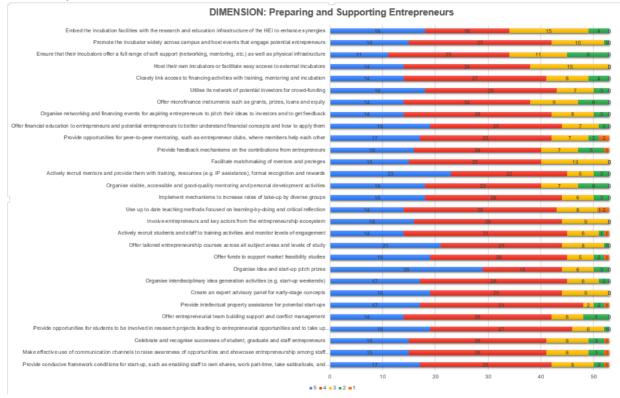


- Support access to student enterprise clubs, awards and societies
- Organize networking events between students and entrepreneurs / businesses

#### **DIMENSION: Preparing and Supporting Entrepreneurs**

Please describe the main results of the self-assessment for this dimension.

Here will be discussed the performance of the higher education system in the HEInnovate dimension "preparing and supporting entrepreneurs". Students and faculty that engage with entrepreneurship could receive more recognition in the higher education system. At the level of HEIs there is lack of initiatives that could be put in place. However, the diagram shows another picture, the Preparing and Supporting Entrepreneurs marked highly. University is able to promote the incubator widely, provide opportunities for monitoring, implement the mechanisms to increase rates and to provide conditions for that activity.



1 = very low; 2 = low; 3 = average; 4 = high; 5 = very high

0-60 the number of persons participated in the questionnaire

Please indicate at least 3 measures to be taken by your HEI.

- Offer funds to support market feasibility studies
- Closely link access to financing activities with training, mentoring and incubation

- Embed the incubation facilities with the research and education infrastructure of the HEI to enhance

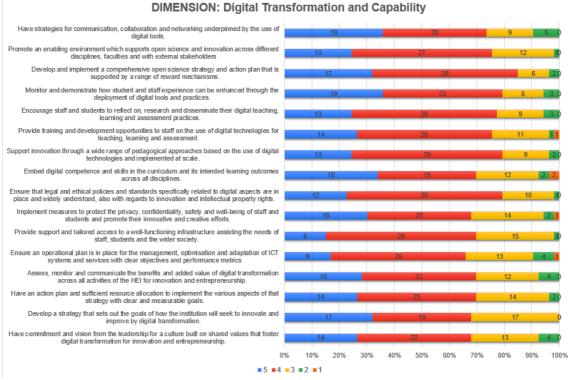
synergies

16 Idee



## DIMENSION: Digital Transformation and Capability

Please describe the main results of the self-assessment for this dimension.



1 = very low; 2 = low; 3 = average; 4 = high; 5 = very high

0-60 the number of persons participated in the questionnaire

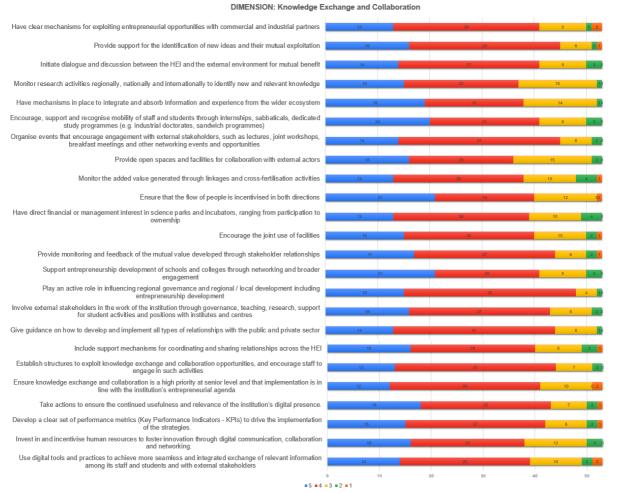
Despite the fact that the university is attempting to greater engagement with digital technology to provide opportunities for innovative curriculum design and delivery, new model pedagogies, learning processes and assessment methods, the university staff and students are still missing digital competence and skills, which are crucial today for every aspect of life.

- Provide training and professional development opportunities for staff to use digital technologies in teaching, learning, and assessment.
- Ensure that an operational plan is in place to manage, optimize, and adapt ICT systems and services with clear goals and performance metrics.
- Support innovation through a wide range of pedagogical approaches that digitally based and implemented at the appropriate level.
- Incorporate digital competencies and skills into the curriculum and intended learning outcomes for all disciplines.
- Take steps to protect the privacy, confidentiality, safety, and well-being of staff and students and to foster their innovative and creative efforts.
- Encourage staff and students to analyze, explore, and disseminate their own digital methods of teaching, learning, and assessment.



# DIMENSION: Knowledge Exchange and Collaboration

Please describe the main results of the self-assessment for this dimension.



1 = very low; 2 = low; 3 = average; 4 = high; 5 = very high

0-60 the number of persons participated in the questionnaire

Employers, ie individuals and legal entities applying to the Exchange, can belong to the following groups: industrial enterprises (regardless of their form of ownership), organizations and agencies, general and vocational education institutions, rural communities, dehkan farms, public associations. Limited time, companies and individual entrepreneurs, as well as any citizen who has applied to the relevant management structure of the Exchange for a set of works and has signed a mutual agreement.

- 1. Involve external stakeholders in the work of the institution through governance, teaching, research, support for student activities and positions with institutes and centres;
- 2. Organise events that encourage engagement with external stakeholders, such as lectures, joint workshops, breakfast meetings and other networking events and opportunities;

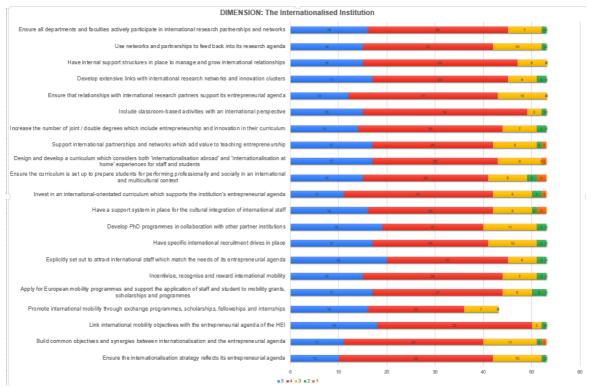
16 Idee



3. Work directly with Technopark built by Free Economic Zone of Dangara where students can internship and at the same time work in company/enterprises;

#### **DIMENSION:** The Internationalised Institution

Please describe the main results of the self-assessment for this dimension.



1 = very low; 2 = low; 3 = average; 4 = high; 5 = very high 0 - 60 the number of persons participated in the questionnaire

For the recognition of the University, clearly the most important part plays the explicit support of its staff and students in their international mobility, while the university should strengthen its efforts to attract international and entrepreneurial staff.

Please indicate at least 3 measures to be taken by your HEI.

- Build common objectives and synergies between internationalization and the entrepreneurial agenda

- Invest in an international-orientated curriculum, which supports the institutions

Entrepreneurial agenda

- Include classroom-based activities with an international perspective

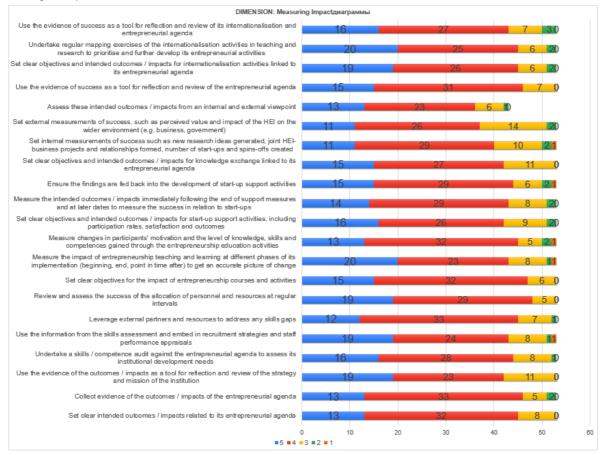
#### **DIMENSION: Measuring Impact**

Please describe the main results of the self-assessment for this dimension.

1 idee



Finally, the last researched dimension - Measuring Impact, showed minor fluctuations among the posed questions; therefore, pointing out specific areas for improvement not supported with the research results. It was highly marked from all the respondents. Respondents answered 22 questions, with an average response score of 3.94.



1 = very low; 2 = low; 3 = average; 4 = high; 5 = very high

0-60 the number of persons participated in the questionnaire

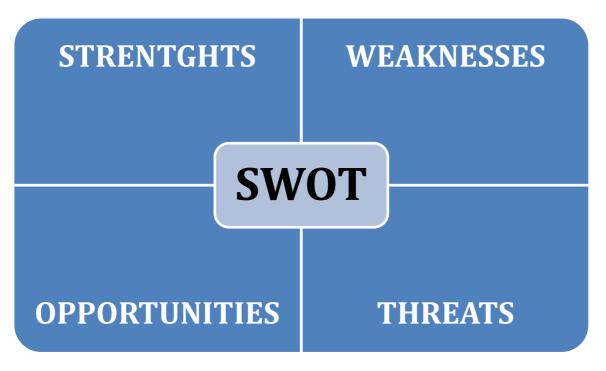
Please indicate at least 3 measures to be taken by your HEI.

- Set clear intended outcomes / impacts related to its entrepreneurial agenda
- Collect evidence of the outcomes / impacts of the entrepreneurial agenda
- Assess these intended outcomes / impacts from an internal and external viewpoint

16 idec



#### 9. SWOT analyses based on self-assessment



#### STRENGTHS

- Close contact with organizations and enterprises in Free Economic Zone of Dangara
- Advertising and career guidance activities of the university
- Support of students' innovative activities: Students Parliament
- Students can study and work
- Interest of students and teachers for learning foreign languages
- Educational programs on entrepreneurship
- Exhibition of projects and innovative achievements of students and teachers

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#### WEAKNESSES

- International marketing
- Lack of summer schools

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- Insufficient number of international capacity building projects
- Missing joint/double degree study programs with international partners
- Low degree of internationalization of curricula
- Low number of students and teachers going abroad for internship, studying and teaching
- Insufficient staff training
- Low number of online activities and courses
- Low number of scientific and educational-methodical publications in foreign editions
- Insufficient knowledge of foreign languages (including English)
- Insufficient innovation activities
- Website performance

#### **OPPORTUNITIES**

- Study and internship of students and teachers abroad
- Passing the international institutional accreditation of the university
- Performing in the international university ranking

#### THREADS

- The onset of financial crises
- Restrictions on international cooperation in all areas of university activities in connection with the threats of COVID-19
- Restrictions on employment in labor markets, attracting foreign teachers and specialists

#### 10. The main areas for further intervention on DSU's preparedness for future challenges

Please select and prioritize least 10 activities, which can be done by your HEI until end of 2023.

Activity	Dimension	Who	When
Development of SPI for DSU from 2021 - 2024 (after analyzing TRIGGER project self- assessment)	The Internationalize Institution	IRO department and other industry structures of the University	September 2022
Strategic Plan for preparing and supporting entrepreneurs	Preparing and Supporting Entrepreneurs	Vice rector for International Relations Office and Academy Mobility and other industry	End of project TRIGGER

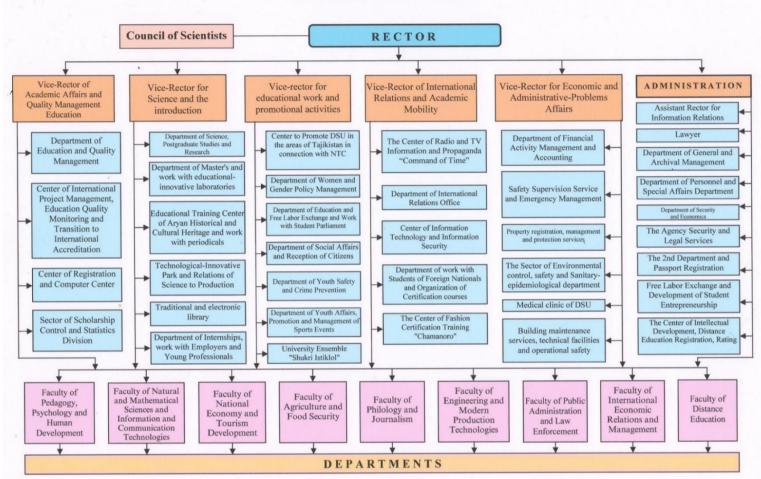
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		structures of the University	
Development of modernized curriculum for entrepreneurial teaching and boosting research and innovation in the sphere of entrepreneurship and innovation	Entrepreneurial Teaching and Learning	Department of International Relations Office and Department of Economics	June 2023
Strategy to prepare the entrepreneurship education of the university for the digital transformation (teaching contents, teaching methods)	Digital Transformation and Capability	Vice rector for Innovation and Distance Education and the Faculty of Distance Education	August 2023
Increasing the number of projects for capacity building in the sphere of HE and staff mobility projects	Knowledge Exchange and Collaboration	Vice rector for International Relations Office and Academic Mobility, Vice rector for Innovation and Distance Education	Ongoing
Acquiring of international accreditation	Measuring Impact	IRO and all faculties	October 2023
Strategy for the development of the organizational capacity (especially human resources)	Organizational Capacity: Funding, People and Incentives	Vice rector for International Relations Office and Academic Mobility, Vice rector for Innovation and Distance Education and all faculties	End of project TRIGGER
Elaboration of strategy for entrepreneurial education	Leadership and Governance	Vice rector for Innovation and Distance Education and all faculties	End of project TRIGGER

#### ADMINISTRATIVE STRUCTURE OF DANGARA STATE UNIVERSITUY



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Triggering innovative approaches and entrepreneurial skills for students through creating conditions for graduate's employability in Central Asia