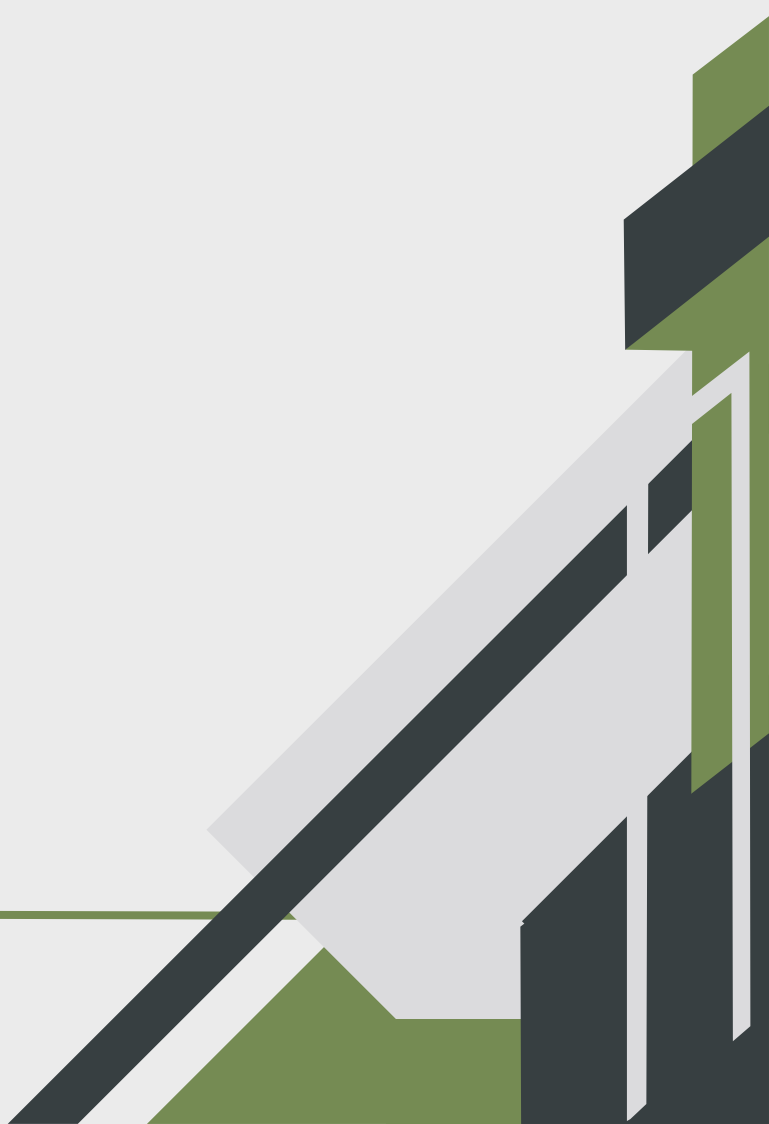
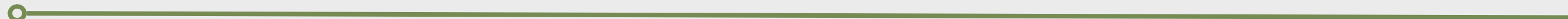
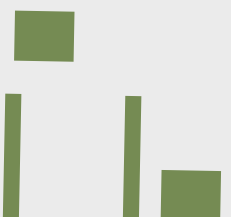


TRANSFORMATION OF HIGHER EDUCATION AT SATBAYEV UNIVERSITY IN THE MODERN ERA

 Zhautikov B. A.



Satbayev University Values

Students

Central participants in the educational process

Teaching Staff

Key role in transferring knowledge and experience to students

Students

Central participants in the educational process

Teaching Staff

Key role in transferring knowledge and experience to students

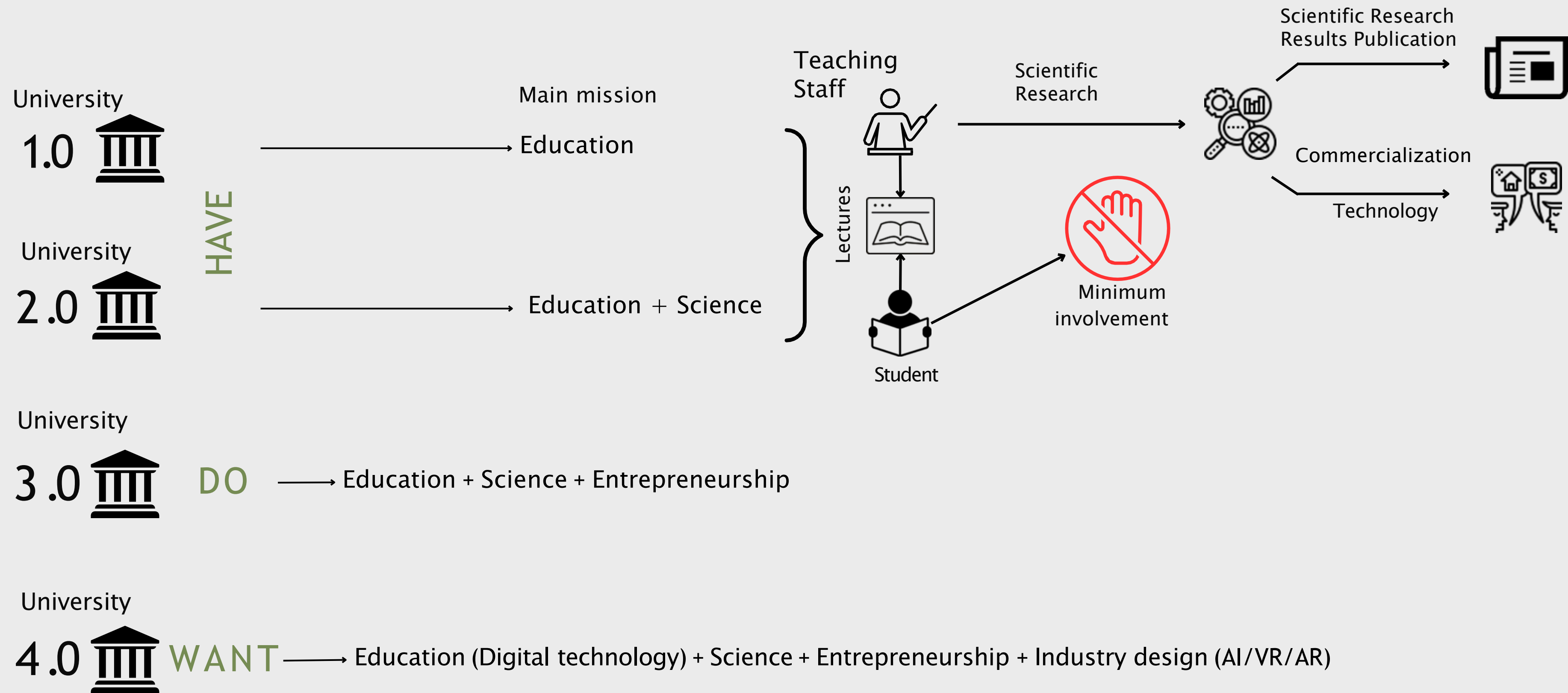
Industry

Key role in transferring experience to students

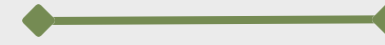
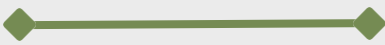
Previously

Now

Traditional scheme



SU ALUMNI



4 year

Entrepreneurial format of studying

- Entrepreneurial skills
- Results publication
- Commercialization/selling of ideas

Entrepreneurial skills

Research skills

Practical skills

Basic knowledge

2-3 years

Research format of studying

- Working together with Research institutes
- Preparation of publications
- Research practice

2-3 years

Dual format of studying

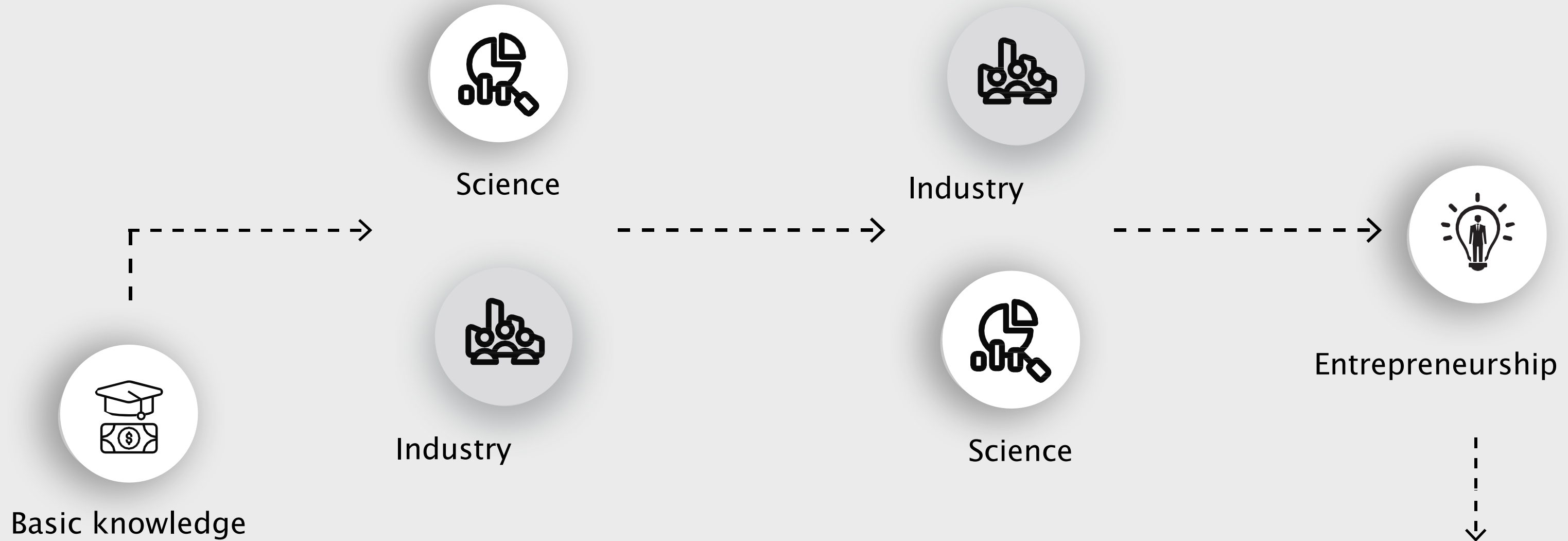
- Attracting employers
- Whole year in production
- Industrial practice

1 year

Traditional format of studying

- Basic knowledge
- Safety precautions
- Introductory practice

Student's path



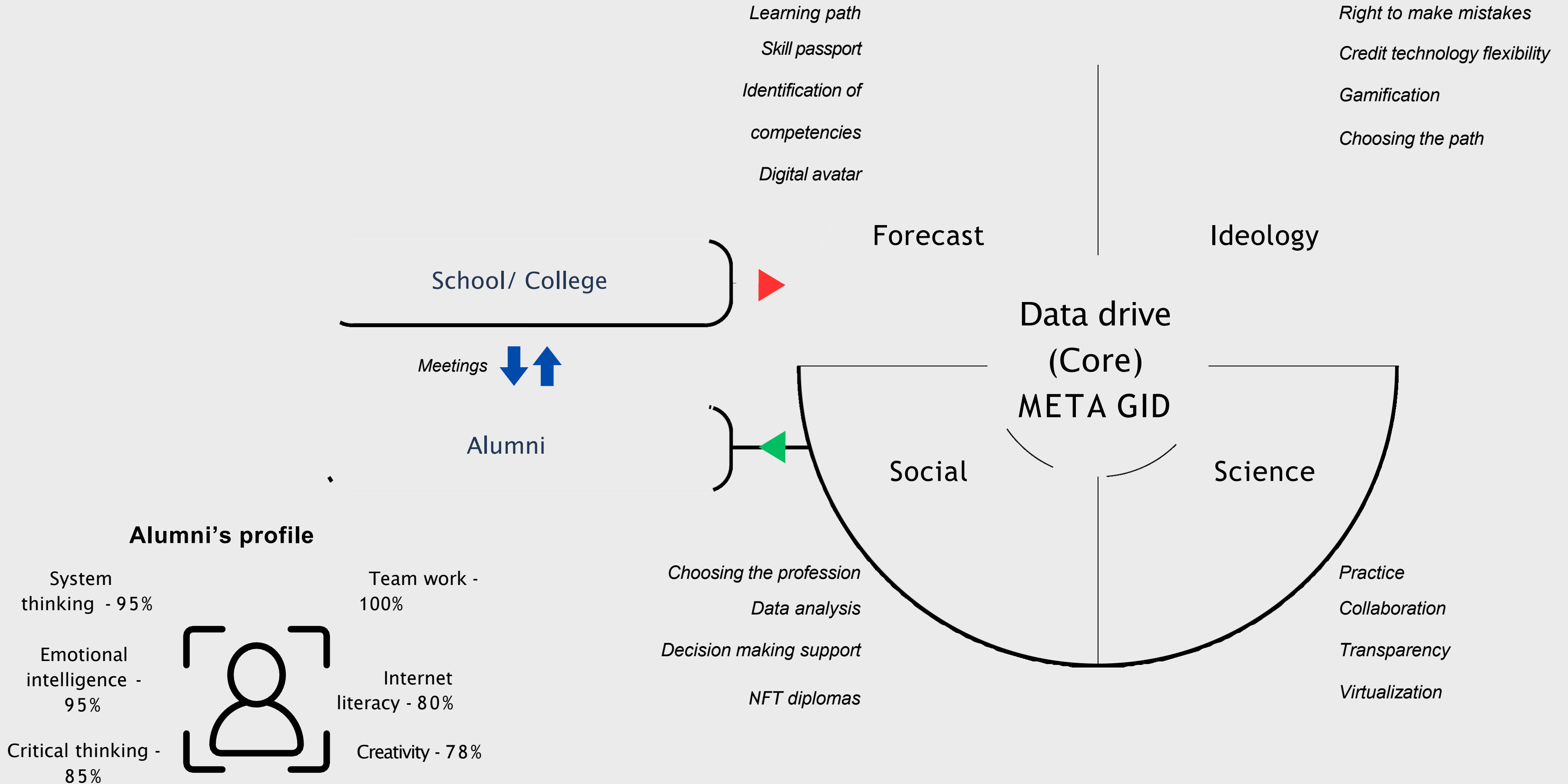
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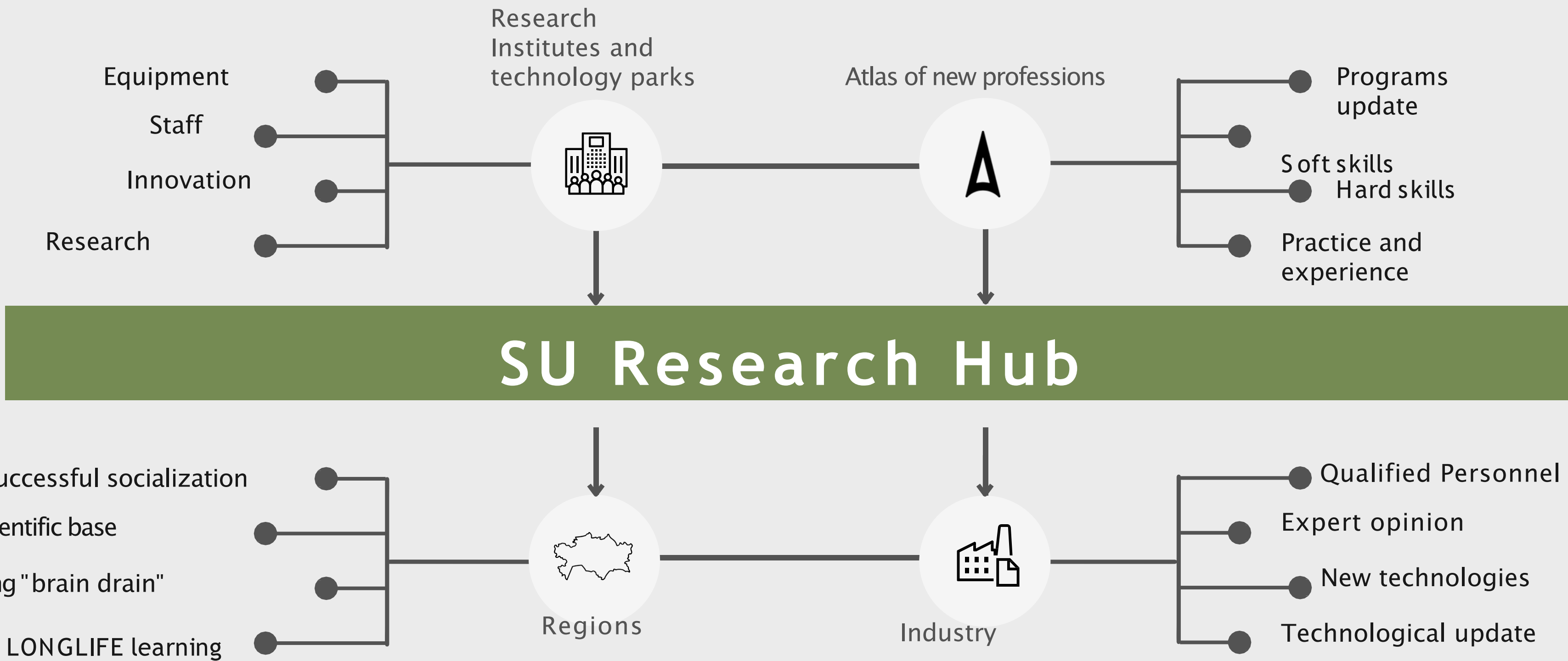
- Strong personnel
- Personnel preparation model
- Modern infrastructure
- Constant mastery

Autonomy of the control system


Production and business/regions integration

Digital university model





SU Research Hub



Training of new generation personnel

Education through research

- Dual education
- Teachers – practitioners
- Microqualification
- Entrepreneurial skills
- Publications



Research with high applied value

Education through research

- Transformation of teachers from theorists to practitioners
- Publications recognized by the world scientific community
- Advanced solutions for production
- Commercialization for domestic developments
- Transfer of technologies and influx of new minds



Center for engineering education and science

Social Security

- Modern workplaces
- Better living conditions
- Developed infrastructure
- New scientific labs
- Prototyping and Startup schools

Current situation

Challenges

75%

of employers

noted difficulties in filling vacancies in 2022

11-12,5

million people

may reach the labor force by 2050 in Kazakhstan

99%

of respondents

Identified knowledge and skills in the specialty as the most important criteria when applying for a job

Opportunities

100%

of contracts

for practical trainings are carried out in digital format

819

Contracts

were signed with enterprises on industrial practice issues

26

schools

incorporated elements of dual format of studying

Current situation

Challenges

48% / 68%

level

of working-age population does not have higher education (urban/rural)

11-12,5

Million people

Could reach the workforce by 2050

1 / 3

respondents

Give preference to SU graduates, according to qualitative analysis of personnel needs

Opportunities

79,8%

level

of students who gets A,B

98,9%

level

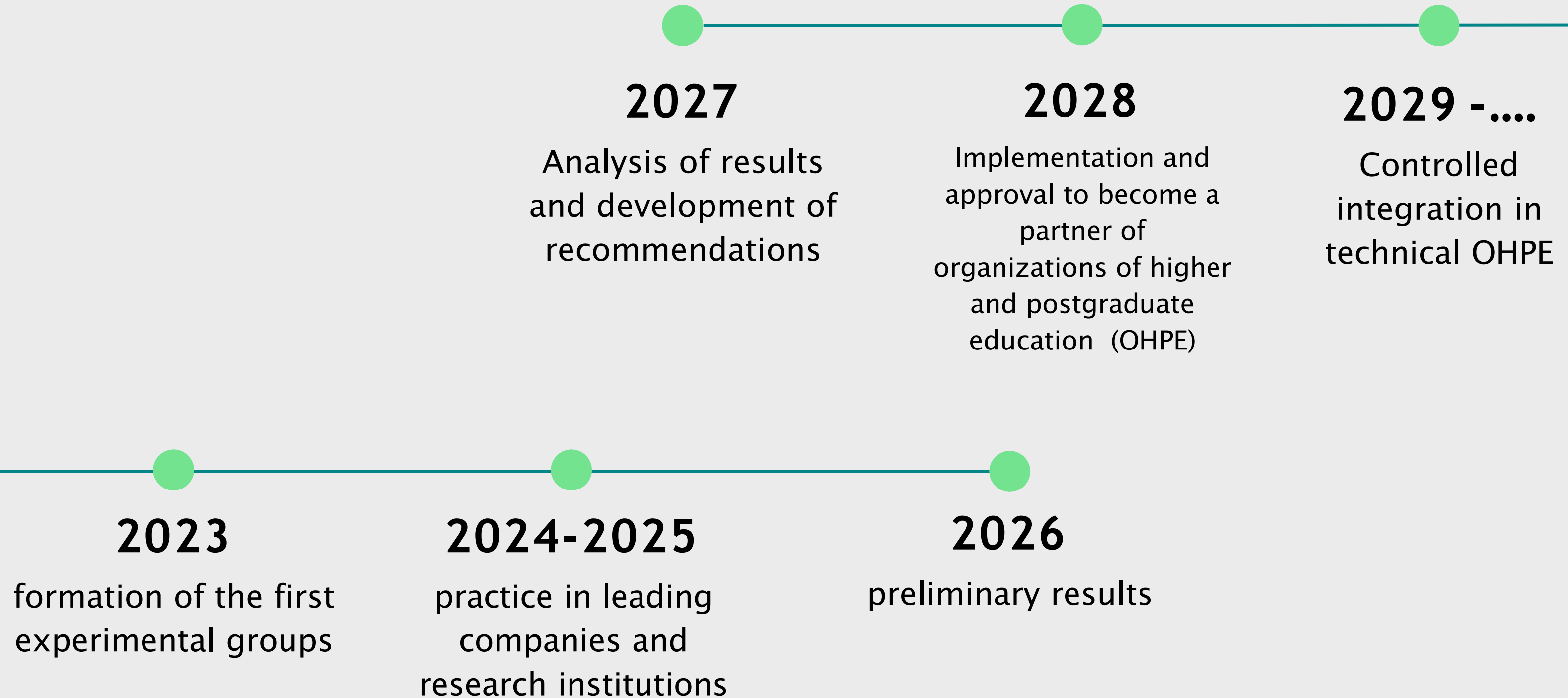
of graduates employment by institute and educational programs as of 01.12.22г.

8

Internship programs

Are provided to students in «Kazatomprom», Nordgold, KAZ Minerals, Karachaganak Petroleum Operating, Tengiz Chevroil, Schlumberger

University's transformation path



PRELANS

PRELANS



**THANK YOU FOR YOUR
ATTENTION!**

THE POWER IS IN INTERACTION!

DISCOVER YOUR FUTURE WITH US!