

NATIONAL UNIVERSITY OF MONGOLIA

Vision: To become a national model research university which meets world standards and provides pillars for Mongolia's development.

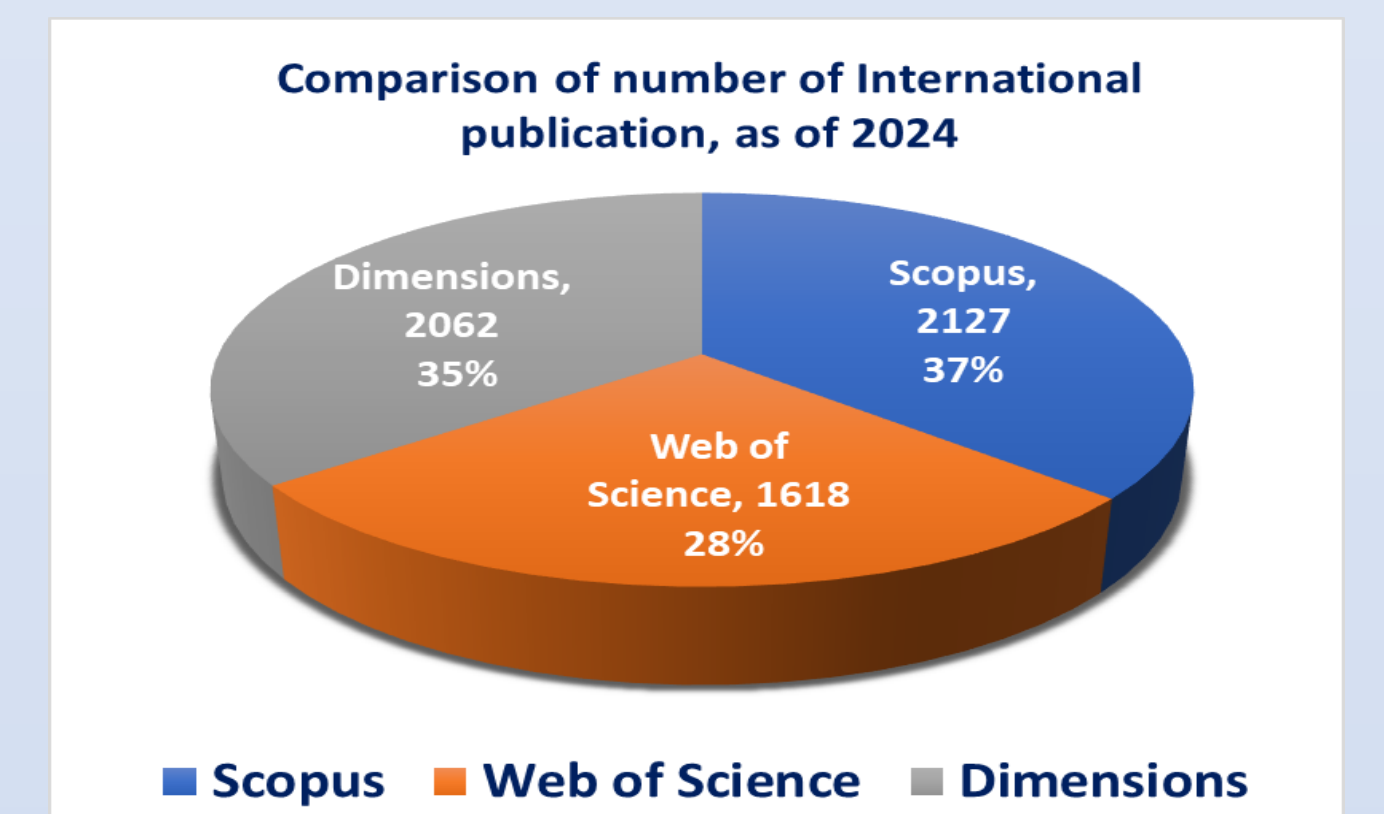
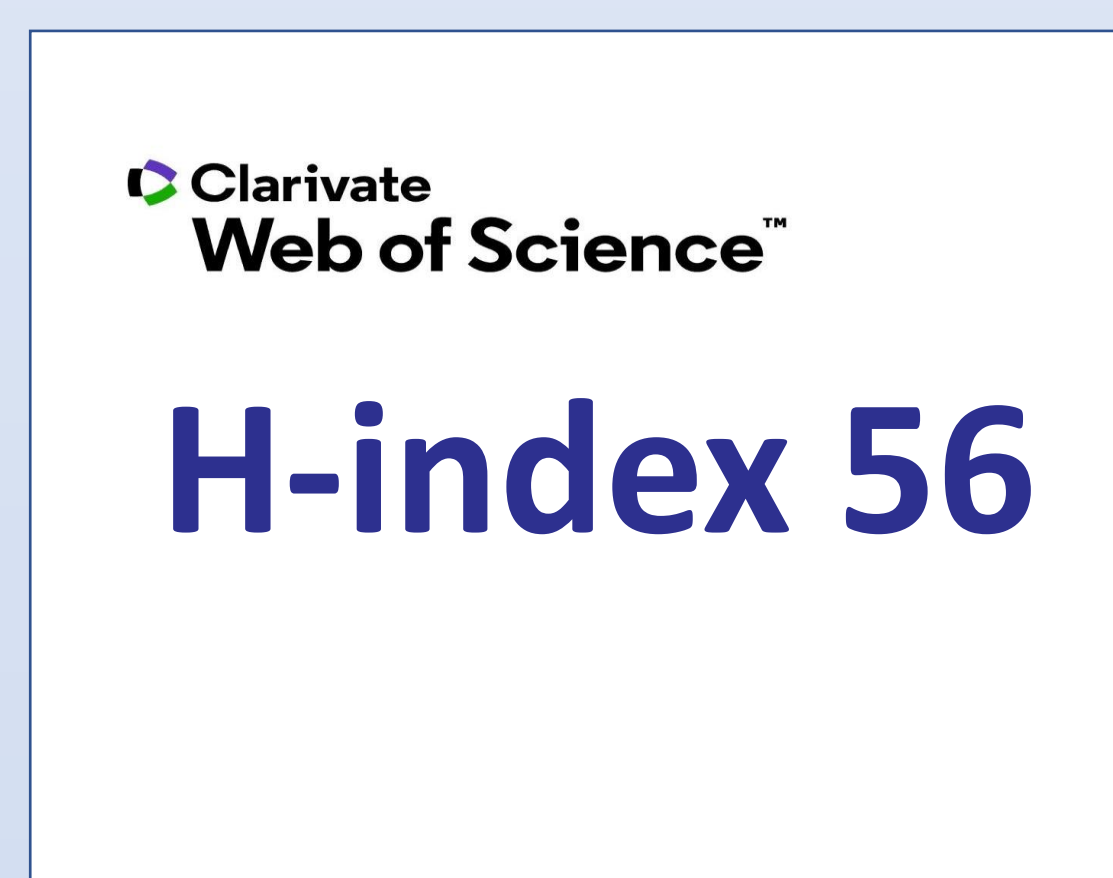
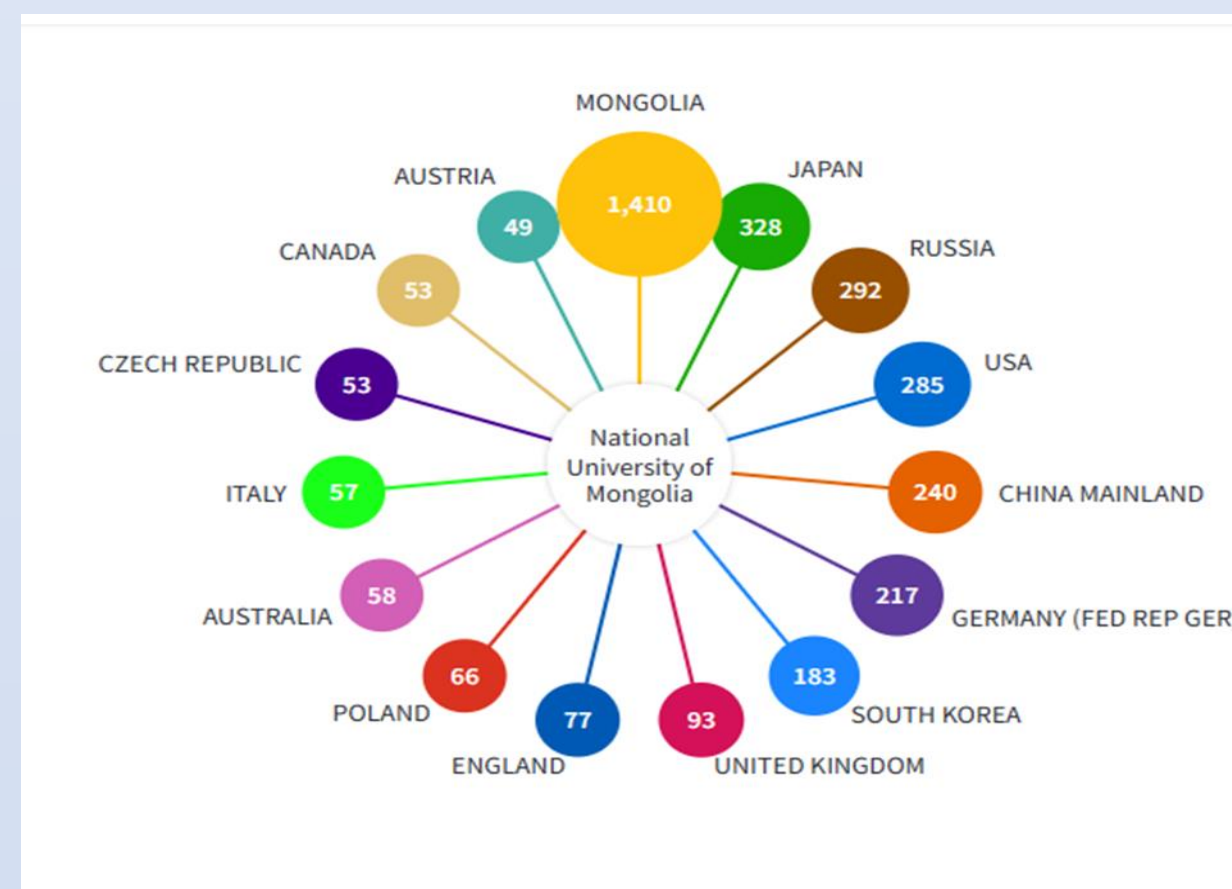
Mission: To be a sustainable university creating and distributing new knowledge in environmental, social, humanitarian and technological fields and significantly contributing the country's development.

FACTS & FIGURES (2023):

The NUM offers 176 bachelor programs, 182 master programs and 57 Doctoral programs and post doctoral fellowship programs.

Undergraduate students: 19,918; Graduated students: 6,240; International students: 511; Alumni: over 90,000; Faculty members: 811; Staff members: 774; Schools: 11 (Component Schools 7, Graduate school 1, Branch schools 3)

RESEARCH PERFORMANCE



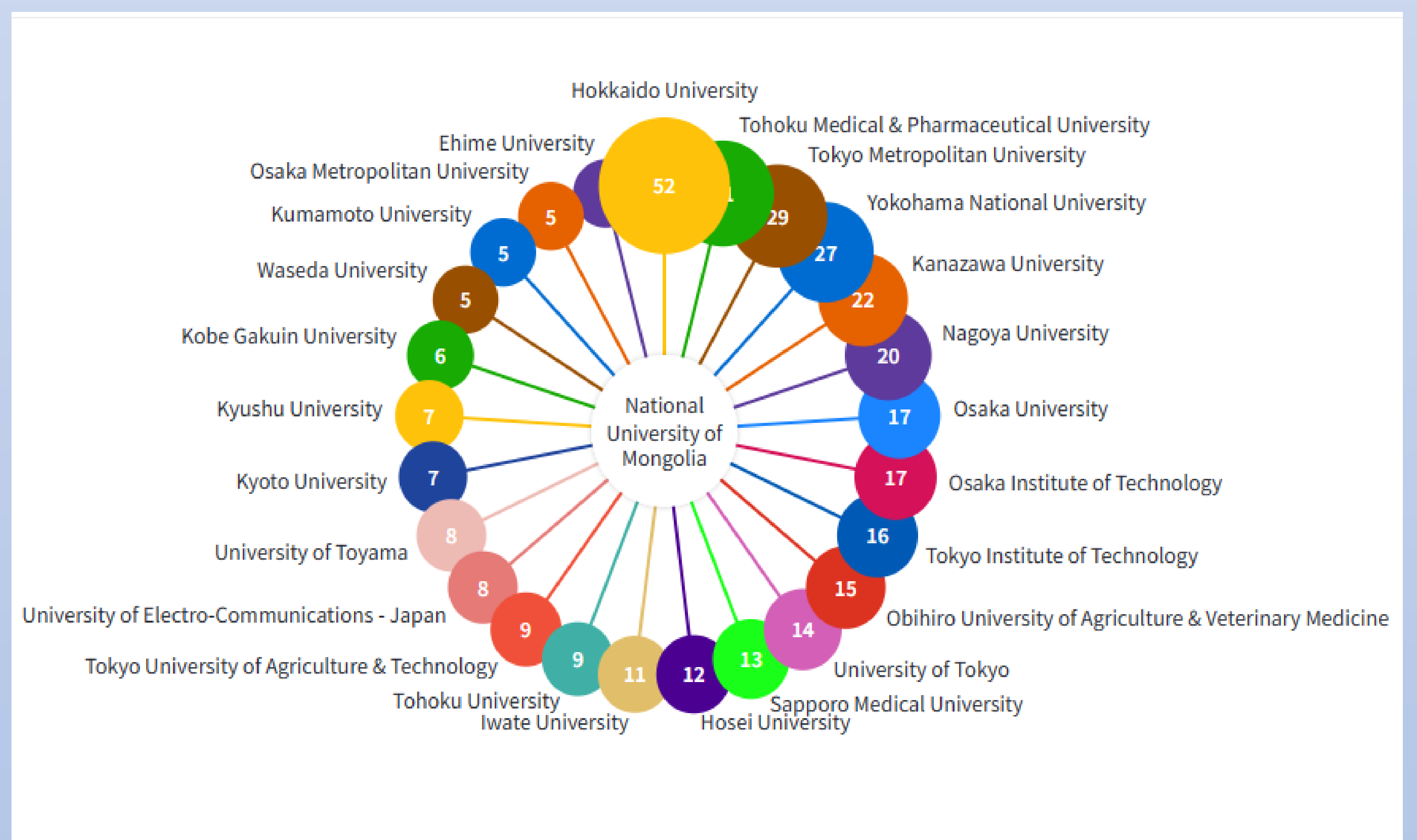
HIGHER ENGINEERING EDUCATION DEVELOPMENT PROJECT

JOINT RESEARCH TEAM

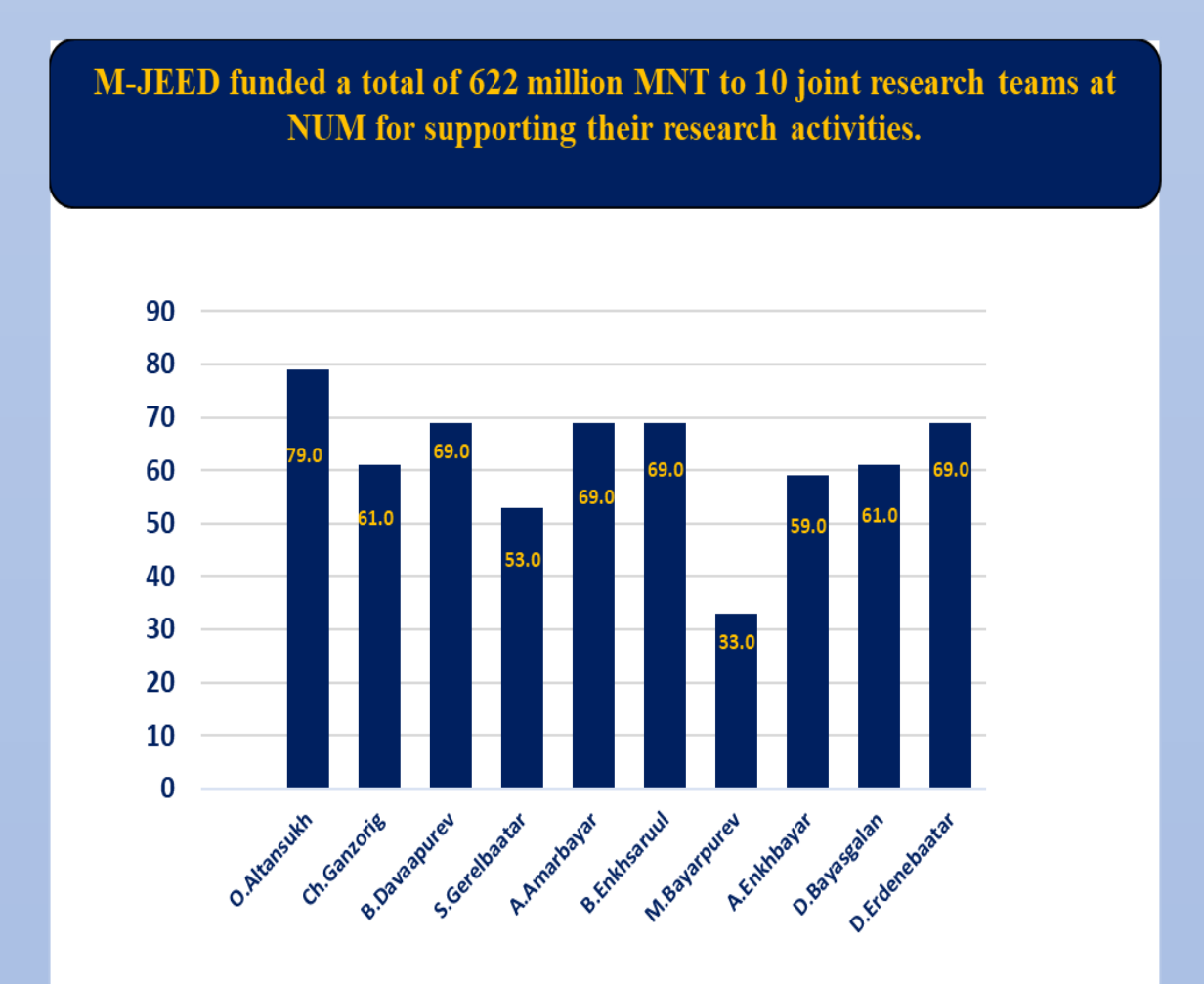
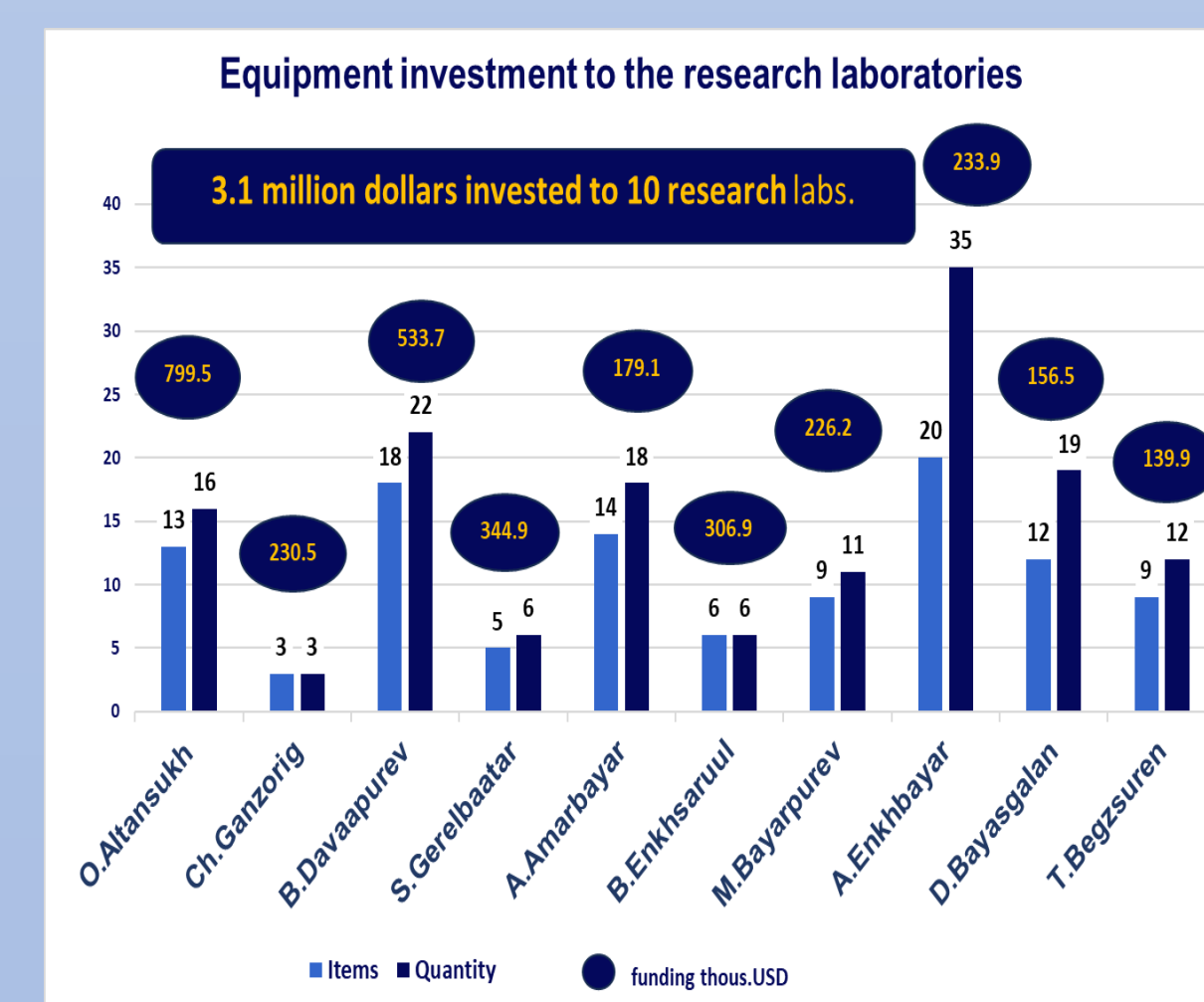
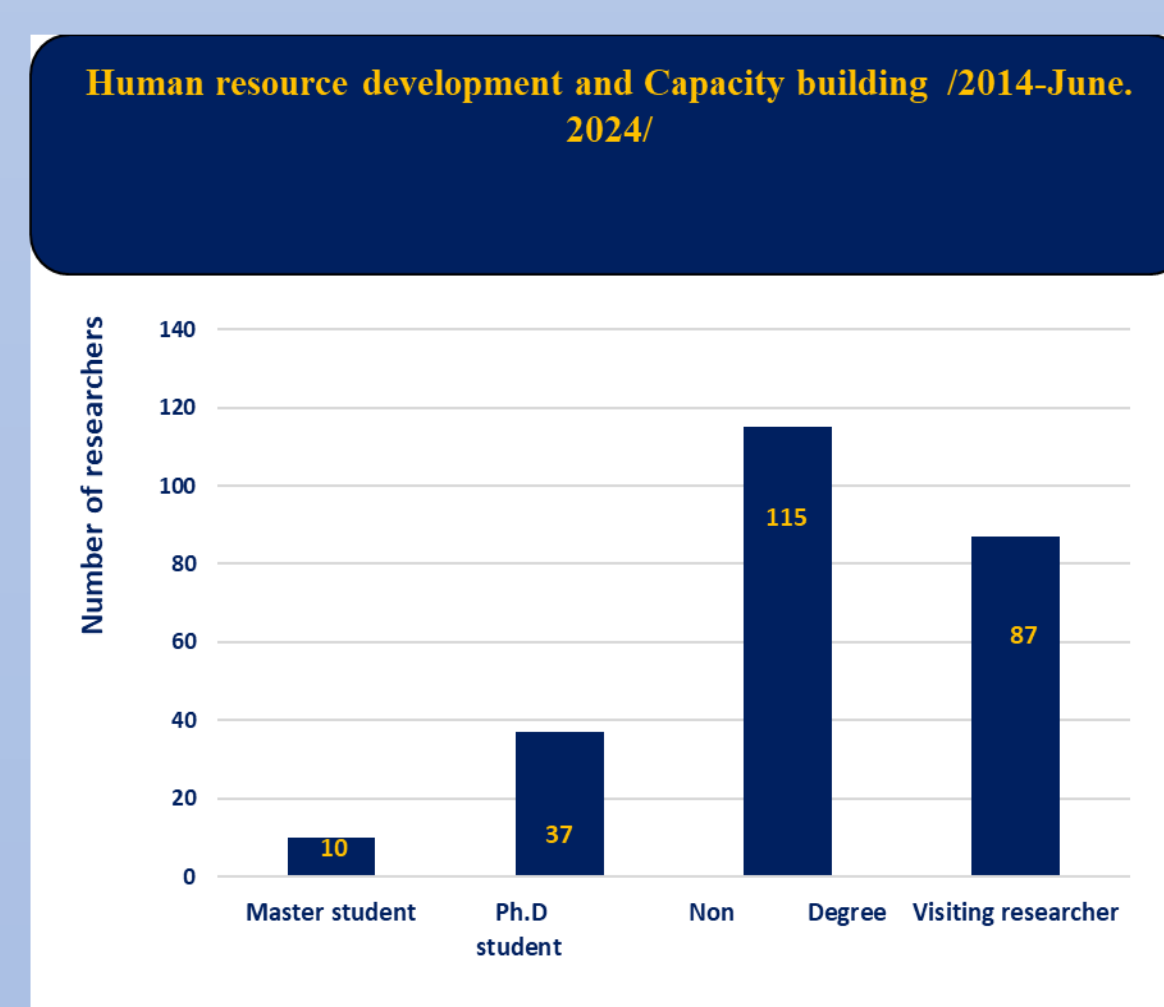
Priorities	Research Topic	Mongolian Coordinator	Japanese Counterpart University
Advanced Materials	Functional materials based on Mongolian natural minerals for environmental remediation, cementations and floatation process	O. Altansukh	Miyazaki University Kanazawa University Osaka University
	Nanomaterials and their potential applications	Ch.Ganzorig	Yokohama National University Kyushu University Tokyo Institute of Technology Hokkaido University the University of Tokyo
Sustainable Use of Biological Resources	Biological active compounds from Mongolian Plants, microorganisms and their application	B.Davaapurev	RIKEN Toho University Tohoku Medical & Pharmaceutical University Shinshu Institute
	Local perspective on Forest Biomass and Livelihood improvement	S.Gerelbaatar	Hokkaido University
Research and Development for Utilizing Renewable Energy, Clean Energy	Research for renewable energy and solar energy resource, and solar technology	A. Amarbayar	Tokyo University of Agriculture and Technology Tokyo University of Science Advanced the University of Tokyo Aizu University
	Clean energy technology and carbon resource conversion	B. Enkhsaruul	Kyushu University Hokkaido University Iwate University
Microelectronics and Computational Science	VLSI for Wireless Communication and Coding Theory	M. Bayarpurev	the University of Tokyo
	Complex Process Modeling, Optimization and Simulation	A. Enkhbayar	Kyoto University Nanzan University Iwate University Kumamoto University
	Research and Development for Power electronics and Industrial automation	D. Bayasgalan	Kumamoto University Tokyo Metropolitan University Kyushu Institute of Technology
	Space engineering and application	T.Begzsuren	Kyushu Institute of Technology Hokkaido University Chiba University

JOINT RESEARCH COLLABORATION AND PUBLICATIONS NUMBER IN WEB OF SCIENCE (April, 2024)

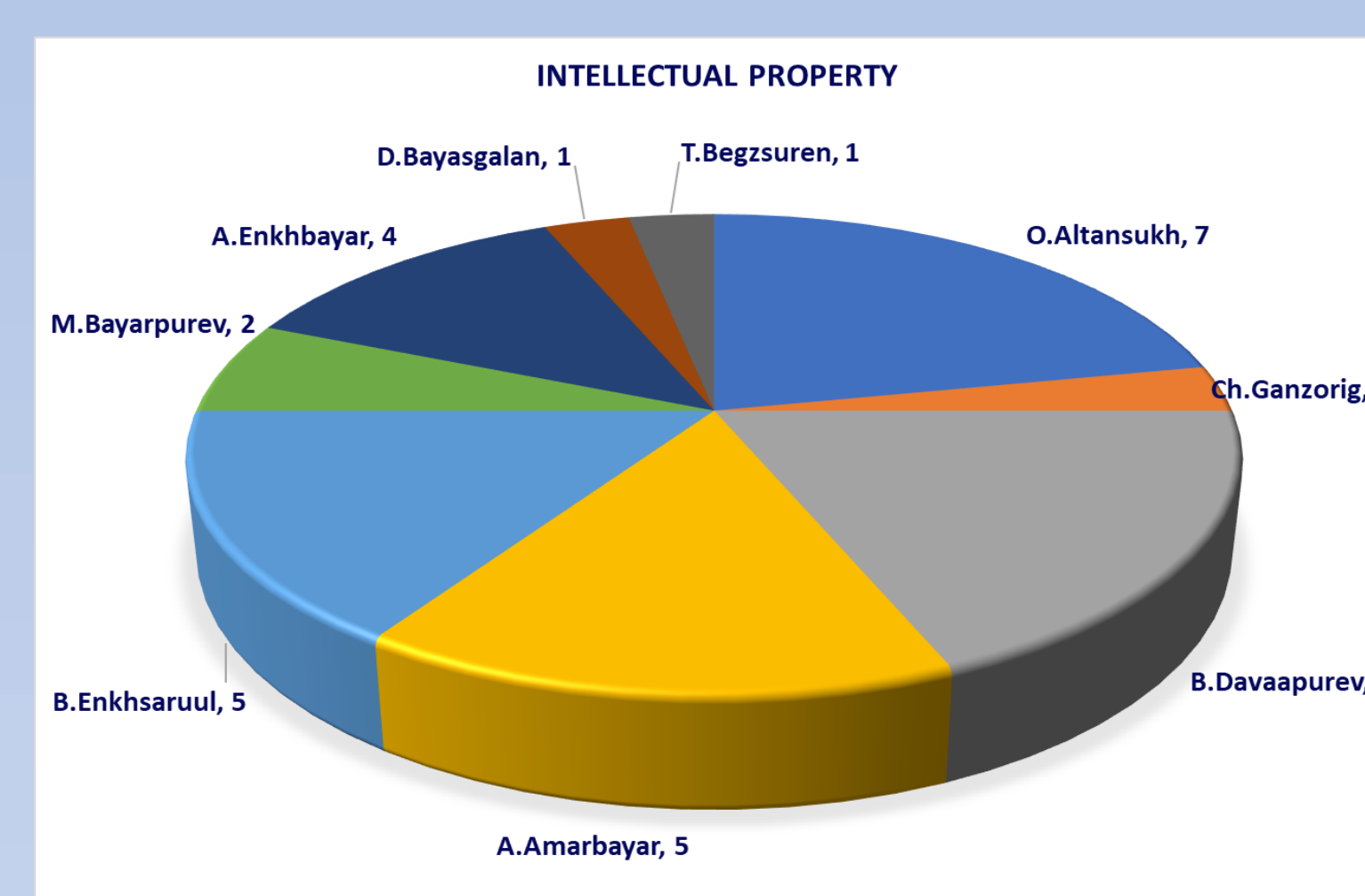
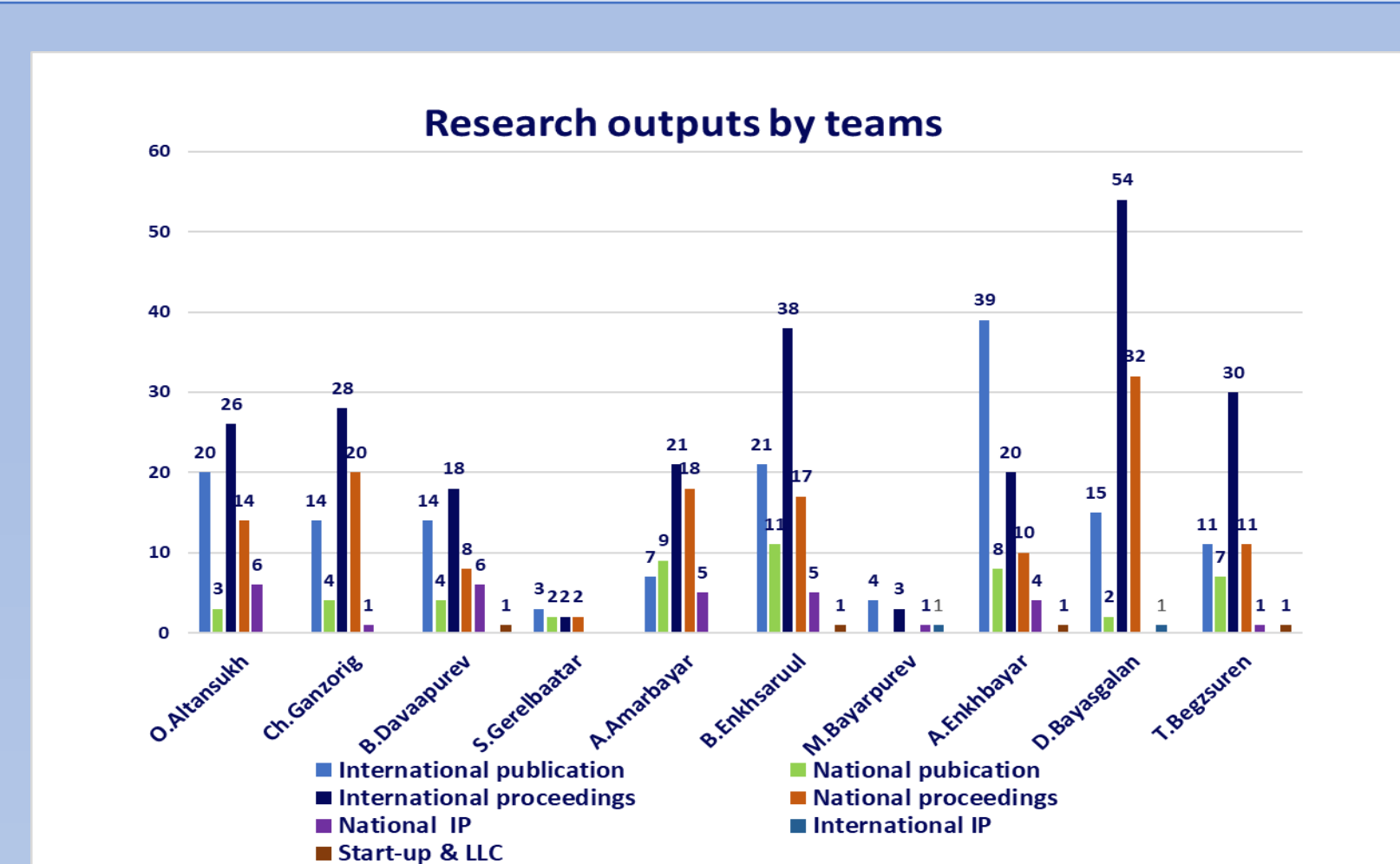
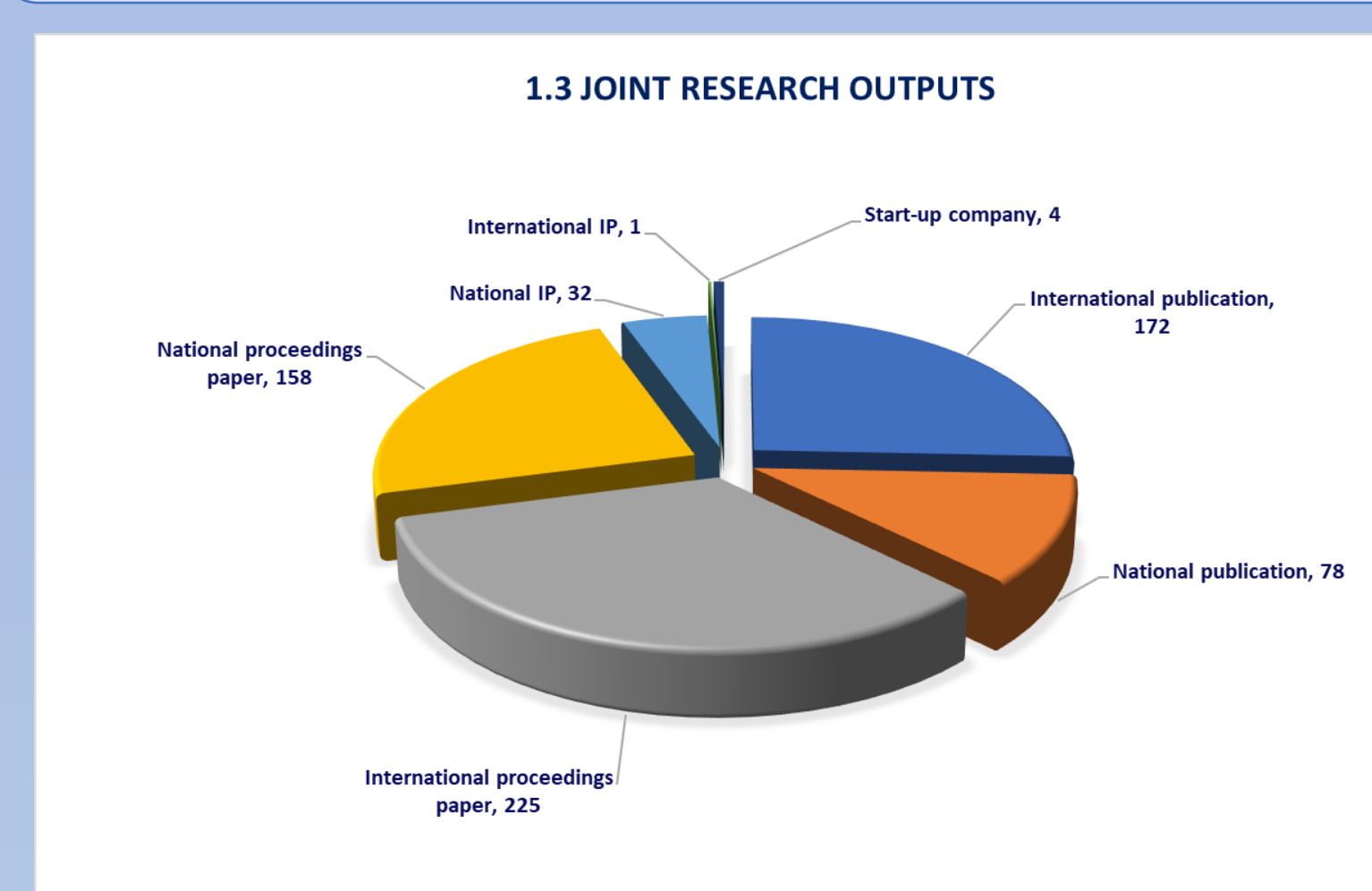
A total number of joint publications between National University of Mongolia and 25 Japanese collaborators (75% of these publications by M-JEED funded joint projects)



Project name	Team leader	Project funding min. MNT
Innovation eco system	N.Erdene	643.7
Building up an innovation and technology park at the National University of Mongolia	O.Munkhbat	1.674.0
Capacity building in training labs at NUM	B.Batjargal	5.354.0
GER LAB	Ch.Ganzorig	2.000.0
Engineering Education Content Development & Academic Publishing	S.Otgontsetseg	2.100.0
Total		11.771.0



JOINT RESEARCH OUTPUTS (2015-2023)



• START-UP & LLC

- Dr.B.Davaapurev (Mon Greem Takara)
- Dr.B.Enkhsaruul (Verteks Gas)
- Dr.A.Enkhbayar (Digital Solutions)
- Dr.T.Begzsuren (CreatiVIsion)

• SATREPS PROJECT

PROJECT NAME: Boost the sustainability of Mongolian livestock farming using traditional knowledge of nomadic Mongolians

PROJECT INVESTIGATOR: Prof. ASAMI Tadao (Graduate School of Agricultural and Life Sciences, The University of Tokyo)

Prof.Javzan BATKHUU (School of Engineering and Technology, National University of Mongolia)

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