



Towards a New Generation of Engaged Universities: *The Need to Act, Adapt and Transform*

16th– 18th April, 2024 | Kempinski Central Avenue
(Formerly the Address Dubai Mall), Dubai, UAE

Scientific Profundity and Creativity in Research Ecosystem of Atılım University

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Presentation Layout

1. Research Profundity and Evolutions
2. WoS & Scopus Academic Production and Citation Volumes
3. Interdisciplinary & Multidisciplinary Article Production
4. International Rankings & Accreditations
5. Research Facilities
6. Research Centres & Research Laboratories
7. University-Industry-Government Initiatives & Cooperations
8. Worldwide Partnerships
9. Patents & Research Projects
10. R&D Project Activities
11. Recreation of Research Ecosystem
12. Recommendations for Other Institutions





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Make Your Mark on The Future Research for The Future & Innovation for the World

Limited People

Mass Production

Electronic Components

AI and Advance
Technologies

Industry 1.0 **Education 1.0**

Industry 2.0 **Industry 2.0**

Education 3.0 **Industry 3.0**

Education 4.0 **Industry 4.0**

Limited Production

Mass Education

Digital Technologies

Digitalization and
Innovation

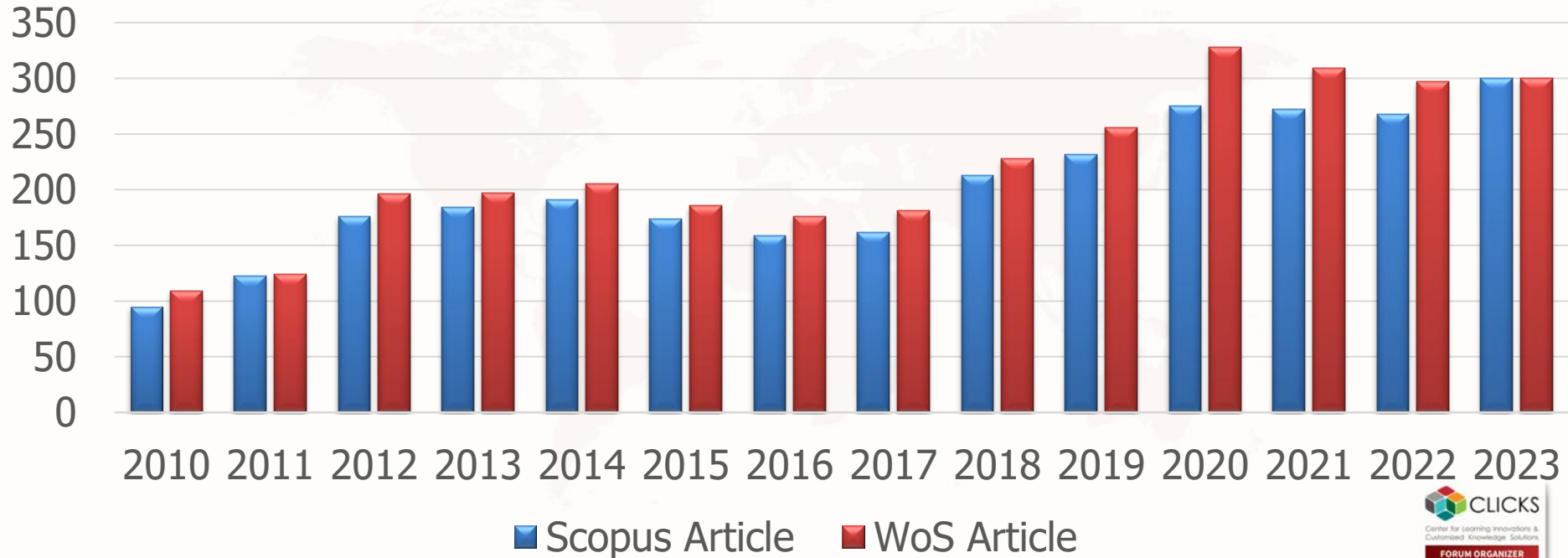




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Atılım University Scopus & WoS Article Volume

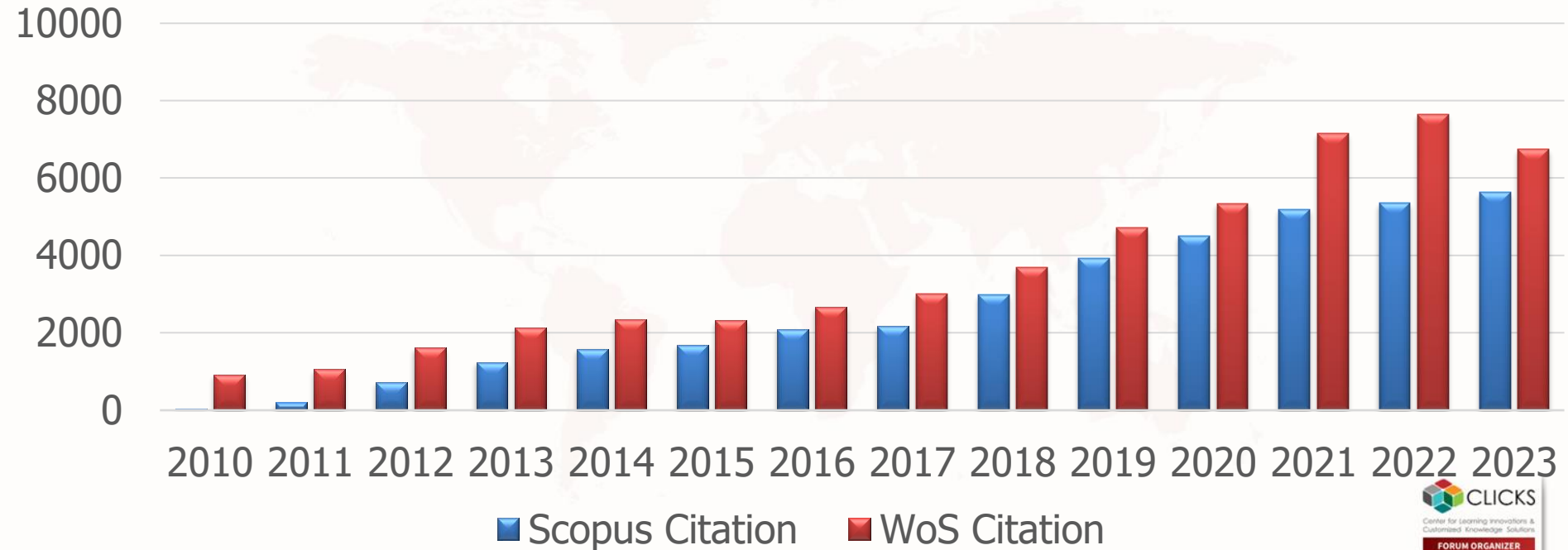




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Atilim University Scopus & WoS Citation Volume





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2018-2022 Atılım Uni.	WoS Doc.	Times Cited	% Docs Cited	CNCI	Intl. Collab.	Ind. Collab.	Q1	Q2	Q3	Q4
Materials Science Multidisciplinary	181	1492	92.82	0,54	113	9	12	62	82	23
Engineering Multidisciplinary	31	251	93.55	0,90	21	2	4	13	6	5
Chemistry Multidisciplinary	29	303	86.21	0,58	18	3	3	9	11	5
Physics Multidisciplinary	22	106	68.18	0,43	13	4	4	10	2	6
Computer Science Interdisciplinary	16	168	87.5	0,66	11	1	2	3	3	4
Mathematics Interdisciplinary	11	68	81.82	0,82	7	0	1	1	6	3





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Top 1000 in THE World University
Rankings in 2020

Top 300 in THE Asia University
Rankings in 2020

Top 300 in THE Young University
Rankings in 2020

871 U-Multirank World
University Rankings in 2022

Top 600 in THE Impact
Rankings in 2020

Top 250 in QS EECA University
Rankings in 2021

709 Round World University
Rankings in 2020

Top 350 in THE Emerging Economies
University Rankings in 2020

704 Round World University
Reputation Rankings in 2021

Top 600 in QS Europe
Rankings in 2024

International Rankings





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Accreditations

- Atılım University is fully accredited for 5 years within the scope of the Institutional Accreditation Program implemented by the Turkish Higher Education Quality Council
- MUDEK (Washington Accord Signatory) (Association for Evaluation and Accreditation of Engineering Programs Full Member)
- FEDEK (Central & European Network of Quality Assurance Agencies in Higher Education Full Member)





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Accreditations

- TURAK (Tourism Board of Education Assessment Accreditation)
- MIAK (Architectural Accrediting Board)
- ILAD (The Communication Research Association)
- STAR (Social, Humanities and Basic Sciences Accreditation)
- PEARSON (Language Accreditation)

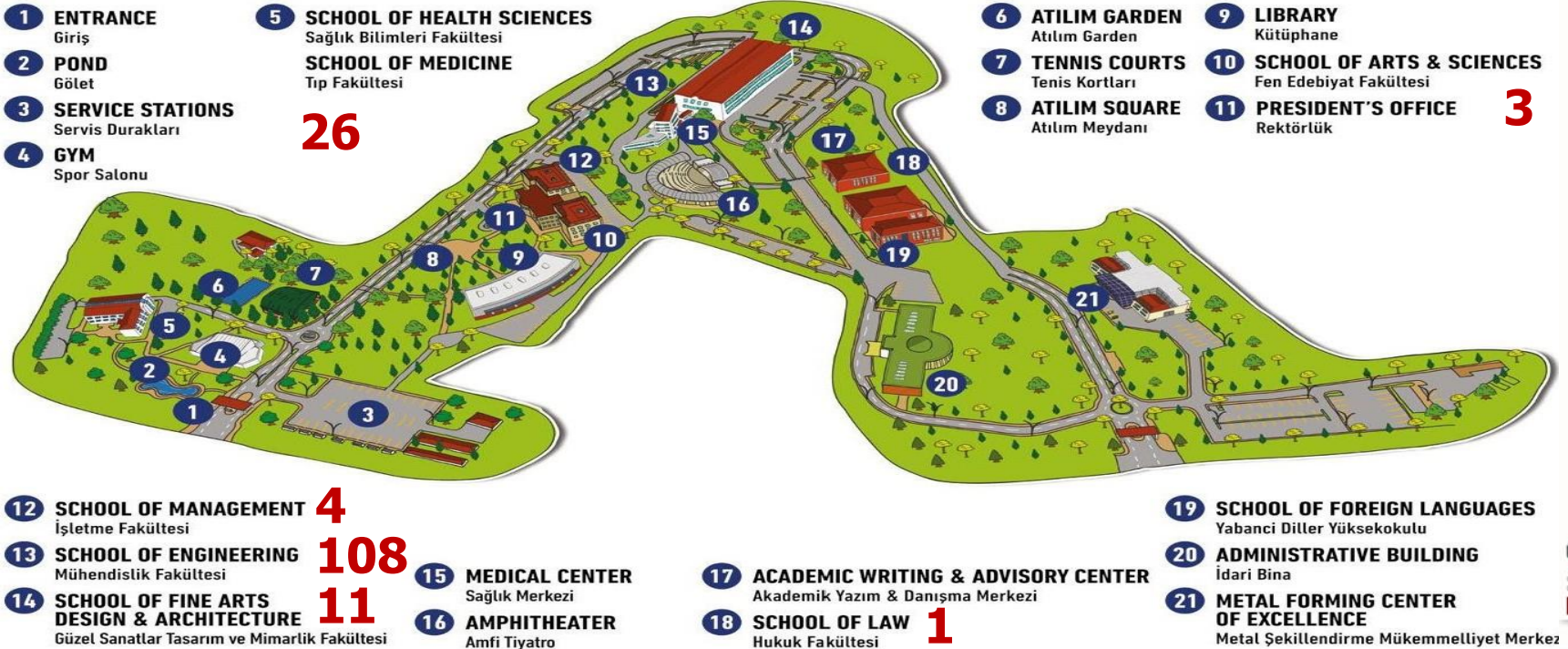




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Research Facilities (Laboratories & Workshops)





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Research Laboratories & Foundation Years

Biochemistry
Biophysics



2008

Optoelectronic Materials
Semiconductor Materials
Solar Energy



2011

Hydrogen Energy Fuel Cell
Nanoscopy



2014

Reliability
Automotive
Photonics



2017



Polymer Composite
Materials



Polymer Composite
Biomaterials
Biocompatibility



Simulation
Building
Acoustics



Computational
Science &
Chemistry



Education
Tech.

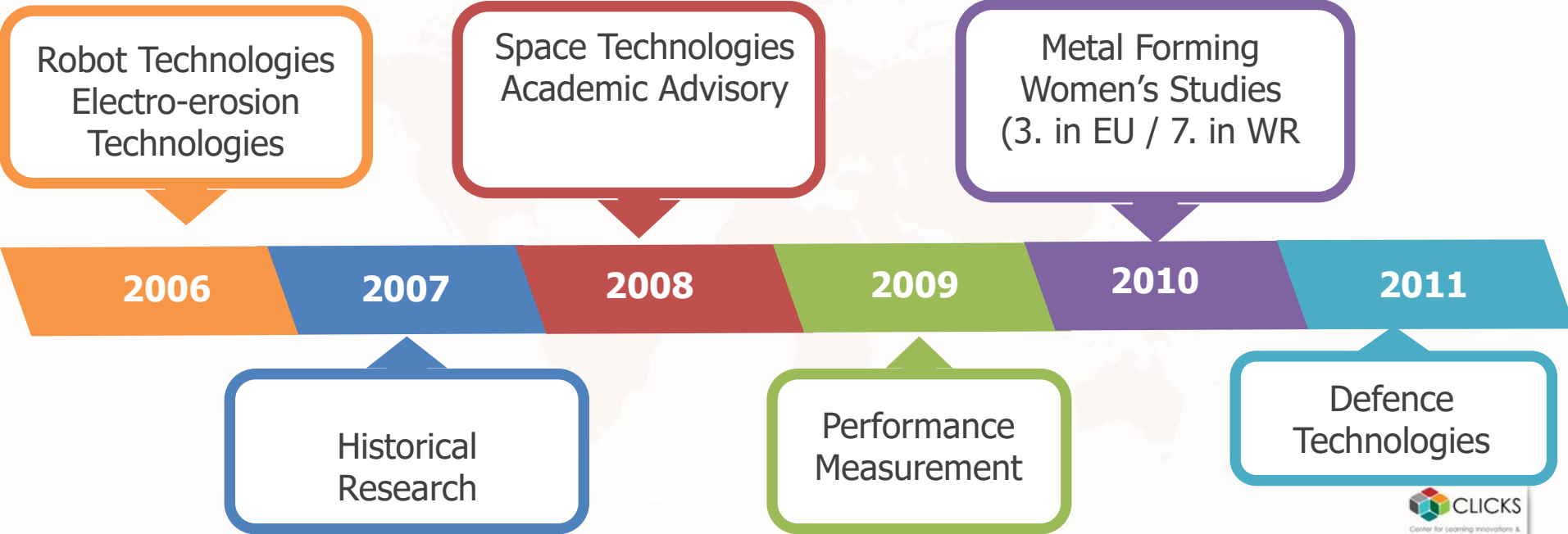




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Research Centres & Foundation Years





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University-Industry Initiatives

1. Undergraduate Research Program
2. Startup Research Support Program
3. Research Support Program
4. International Collaboration Support Program
5. University-Industry Cooperation Support Program
6. Research Study Support Program
7. Internal Panel Evaluation System





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University-Government & University-Organization Cooperations





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University-Industry Cooperations

aselsan

 **roketsan**



HAVELSAN

**TURKISH
AEROSPACE**



 **STM**

Henkel



Jeep



TOFAŞ TÜRK OTOMOBİL FABRİKASI A.Ş.

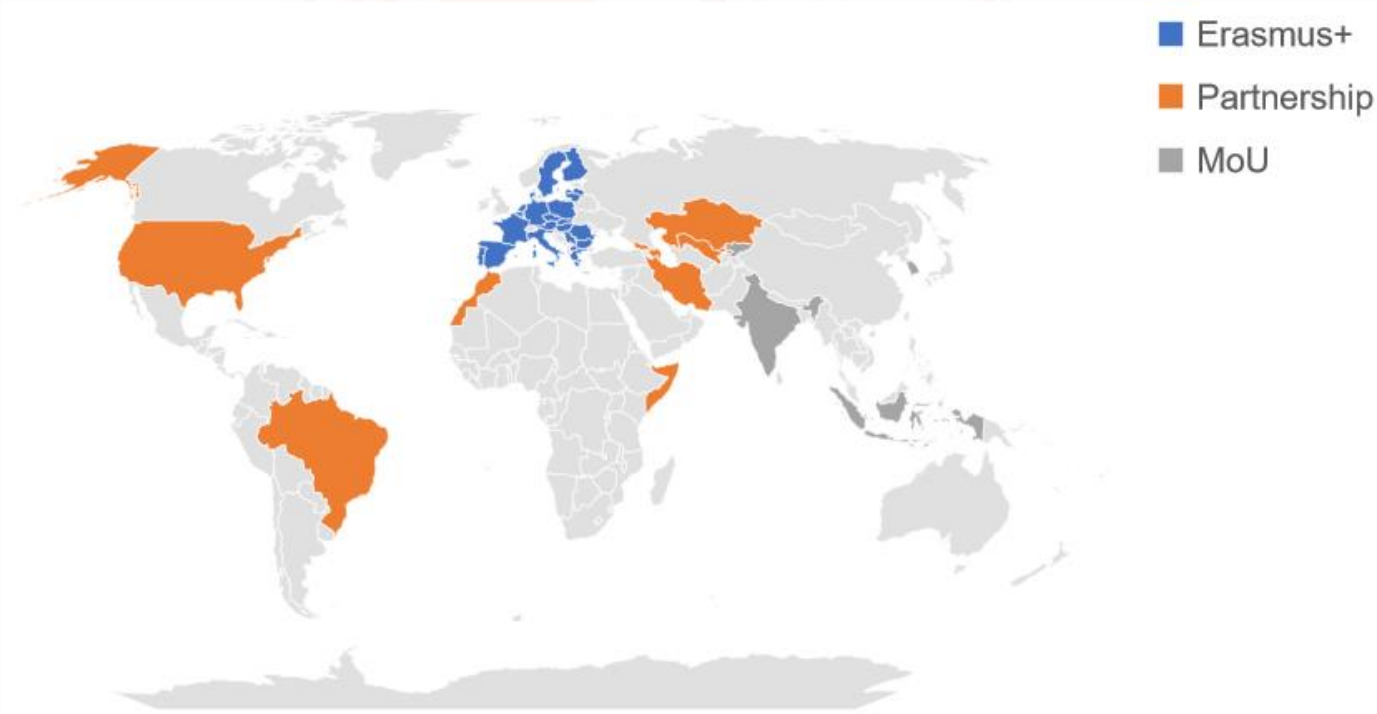




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Worldwide Partnerships

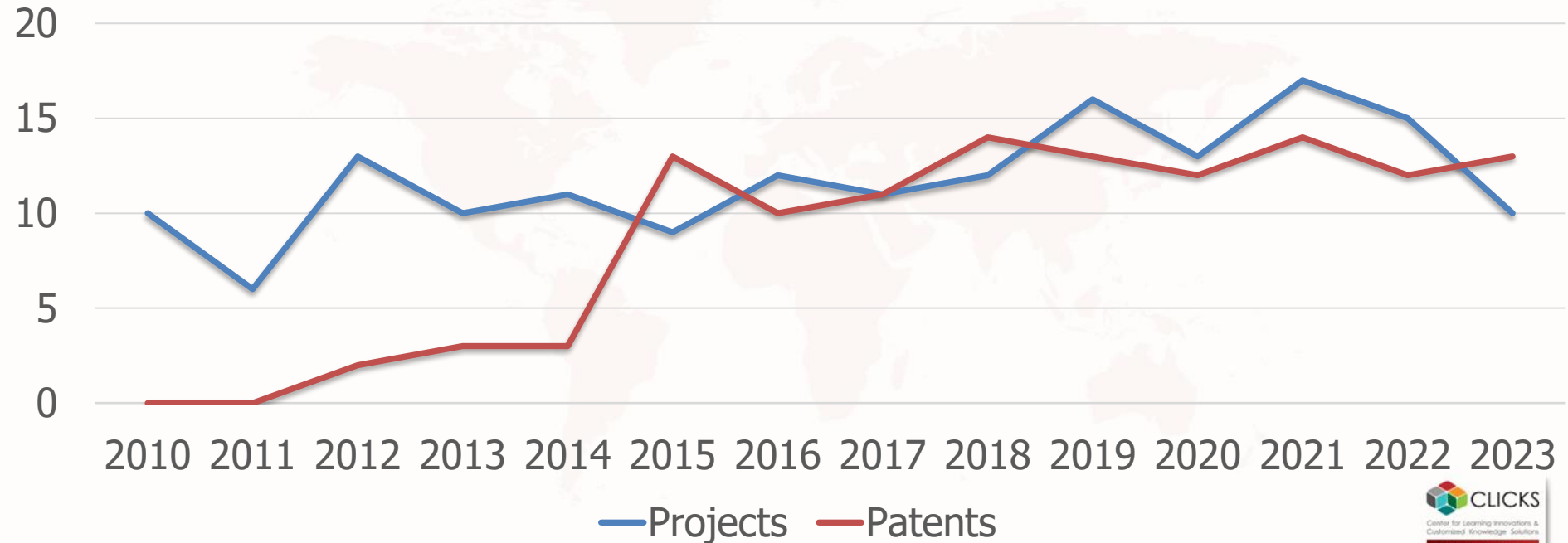




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Patents & Projects Volume

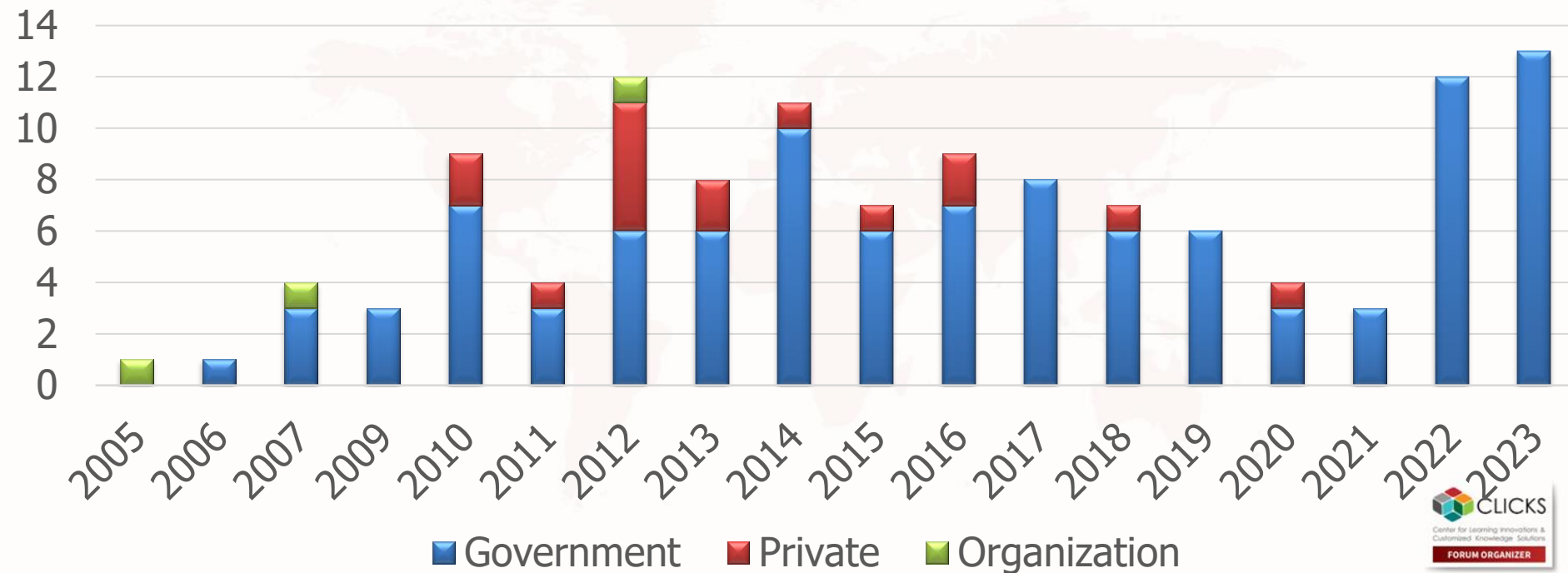




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R&D Project Activities





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Recreation of Research Ecosystem

- Provide research infrastructures
- Maintain research staff and innovation interaction
- Embed innovation in research and creativity in recreation
- Strengthen existing and emergent areas of interdisciplinary research
- Provide the support, mentoring and opportunities needs
- Promote opportunities and improve the skills of research staff





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Recreation of Research Ecosystem

- Raise the research profile of the university
- Develop comprehensive technological leverages
- Build new models through research and innovation
- Establish internationally convenient interdisciplinary sciences
- Foster multidisciplinary research and innovation
- Facilitate research and innovation collaborations





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Recommendations for Other Institutions

- Research policies, procedures, and culture
- Digital education platforms
- Accreditations and International Rankings
- Interdisciplinary PhD programs and PhD graduate research assistants
- Scientific publications, citations, CNCI and H-Index
- Joint research projects and research innovations
- Collaborations, partnerships, and exchanges





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Recommendations for Other Institutions

- Patent applications and patent documents
- Infrastructures and platforms with advanced technology equipment
- Research centres, research laboratories and incubation centres
- R&D – TTOs Engagements with governmental and business organisations
- University-industry joint programs and technology initiatives
- Entrepreneurship, start-ups and spin-offs





Center for Learning Innovations &
Customized Knowledge Solutions

FORUM ORGANIZER