A Framework for Structuring the AI-driven Transformation in Higher Education Institutions
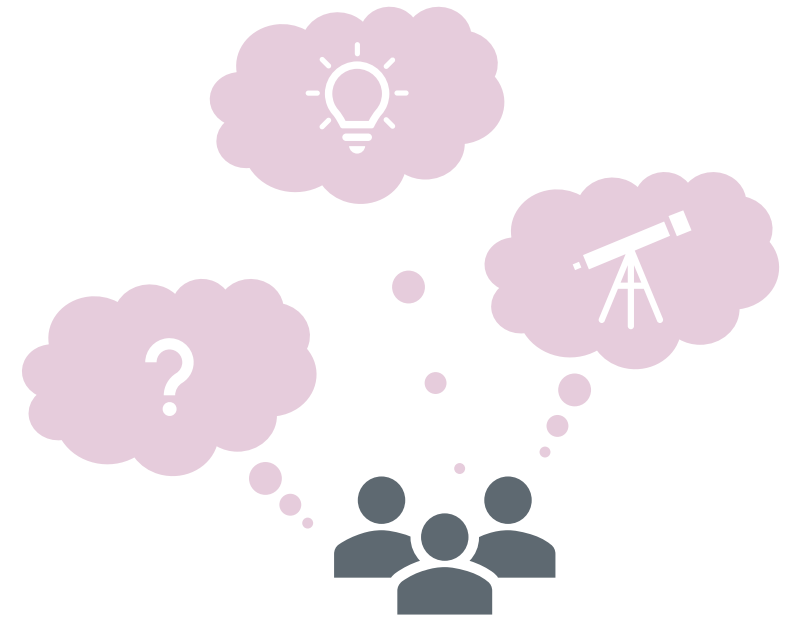
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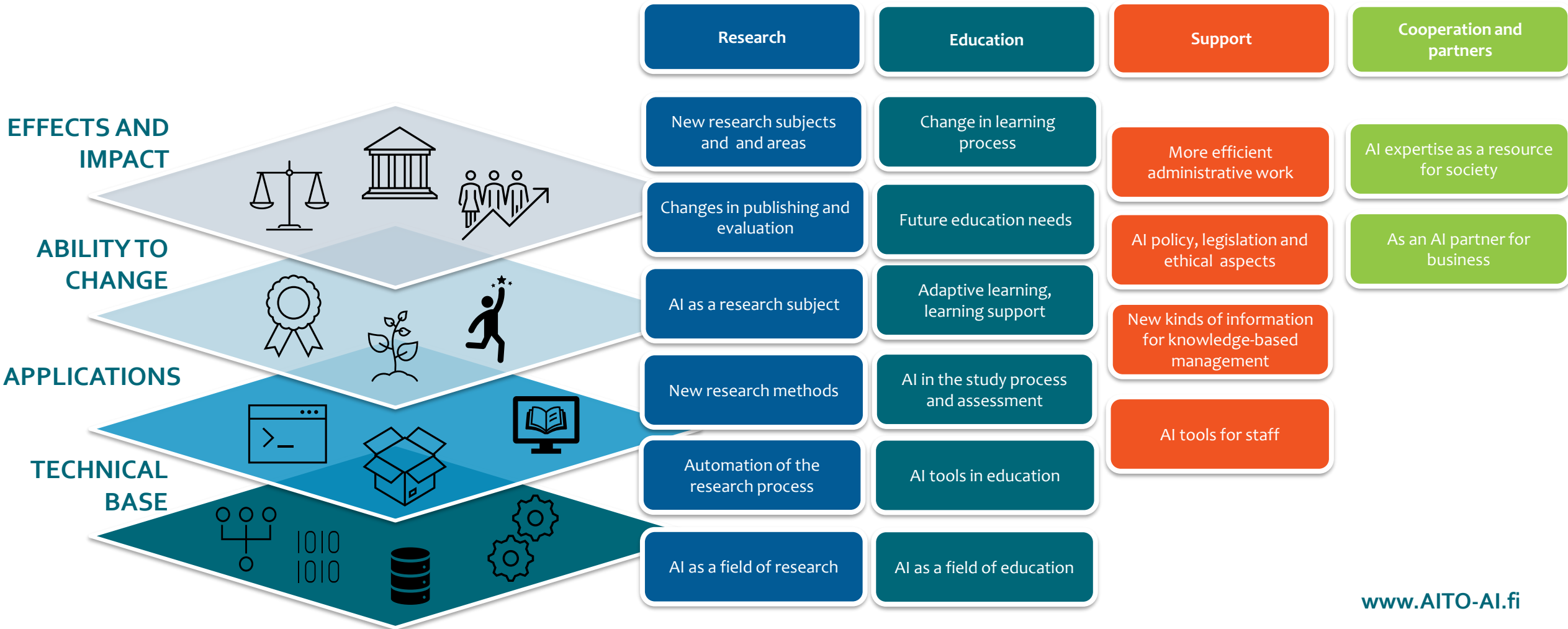TNC2025
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The Need to Structure the Impact of AI on Higher Education Institutions

- The development of AI affects the entire operating environment and all the core tasks of HEIs

- The utilization of AI and its risks and opportunities are on different scales in different contexts

- Different perspectives of AI, e.g. technological, ethical, societal, economic and practical, are often mixed and therefore it is sometimes difficult to focus the discussion

- The technological development being so fast, the understanding of impacts of AI is also developing rapidly

- It is sometimes difficult to distinguish between the short-term impacts, temporary, solvable or trivial changes, and the long-term challenges for the future

The AITO Framework –
AI in Innovation, Research, and Education
How the development of AI transforms the core tasks of Higher Education Institutions?

Research	Education	Support	Cooperation and partners
EFFECTS AND IMPACT			
New research subjects and and areas	Change in learning process	More efficient administrative work	AI expertise as a resource for society
Changes in publishing and evaluation	Future education needs	AI policy, legislation and ethical aspects	As an AI partner for business
ABILITY TO CHANGE			
AI as a research subject	Adaptive learning, learning support	New kinds of information for knowledge-based management	
APPLICATIONS			
New research methods	AI in the study process and assessment		
		AI tools for staff	
TECHNICAL BASE			
Automation of the research process	AI tools in education		
AI as a field of research	AI as a field of education		

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