



ITMO UNIVERSITY

Map of the future: ITMO University 2035

Saint Petersburg
June 11, 2017

Strategic session, May 11, 2017

- Participants: more than 70 faculty, staff and students
- Key task: to develop the “2035 alumni persona” and the University profile for 2035
- Result:
 - ITMO Alumni 2035: key characteristics
 - ITMO University 2035: strategy in six priority areas

ITMO Alumni 2035 = skills and knowledge

accept and share the **university values** and applies them in life

From **an expert** in the field of technology to someone who **generates knowledge integrating various concepts**

University values:

- self-development, self-expression, self-fulfillment
- freedom of choice
- responsibility
- openness (to others, to new things, to change)
- insight / "critical thinking" that stimulates personal growth
- creativity

Challenge:

Who are ITMO University Alumni?

What University trains such Alumni?

Priority areas of development up to 2035

- 1** Educational mission: lifelong education
- 2** Science, research, engineering
- 3** Entrepreneurship, technological leadership
- 4** Environment for professional growth
- 5** Campus and infrastructure
- 6** Management system

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Educational mission: lifelong education

- Change of educational structure: individual educational trajectories, different types of final assessments, study modules
- Creative (intuitive) approach to teaching in addition to an algorithmic (logical) approach
- Flexible educational system and personalized education: freedom to choose your electives, flexibility in course design
- Network university – Globally open university
- University – one-stop-solution for lifelong education

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Science, research, engineering

- Higher research outputs every day: a better system of research efforts facilitation and organization to maximize the efficiency
- New system for measuring efficiency of research
- Percentage of interdisciplinary projects no less than 80%
- Translating technical competences to socially important areas – medicine and health care, banking and finances, smart city, art and design

3 Entrepreneurship, technological leadership

- Technological start-up test-bed, testing areas, centers for prototyping, small-scale production, screening for prospective projects, certification
- Digital platform for intellectual property management
- Flexible interdisciplinary system of acceleration programs in all emerging markets
- Diversification and expansion of university revenue through R&D and sale of shares from SIEs, etc.
- Growth in number of patent holders through university and school students

4 Environment for professional growth

- Highly mobile faculty (professor – “free agent”), highly motivated employees with strong leadership skills
- Professors – “subject experts”, “coordinators” (team leaders) and “robots” (implementation of AI in education)

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Campus and infrastructure

- Smart campus – transparent and convenient infrastructure that adapts to needs of the university community
- Campus – an environment open to all, with facilities for socializing, working, studying and research
- University – an activity hub for the city, platform for social events
- Campus facilities to provide comfort – “happiness strategy” bringing all components together @ campus

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Management system

- Systematic (holistic) approach to university management
- Laissez-faire management style as key value
- Shared governance as basis of decision-making in strategic management
- Feedback from students, professors and external expert community
- BigData and analytics, automated control systems, artificial intelligence in university management
- Economic and financial stability: increase of revenues

Thank you for your attention!

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