

NATIONAL TECHNOLOGY INITIATIVE MATRIX

NTI Matrix is a navigator among ideology, priorities and the key instruments of NTI

NTI priorities and instruments

- Markets and bids (the left axis) – high-priority markets for NTI that are grouped according to their capital intensity – a requirement for governmental resource support based on the specificity of economic and technical characteristics.
- Technologies and barriers (the upper axis) – the key scientific and technical directions that have a significant impact on NTI markets development; they are grouped according to three conditional packages of technological waves reflecting the order of expected general economic effects.
- Talents and entrepreneurs (the right axis) – the key instruments for raising young talents that are divided into three categories: Search – an instrument for involving and initial detection of talents; Shaping – an instrument for deep development and project activities; Development – an instrument for work with established experts and business leaders.
- Services and communities (the lower axis) – the basic package with the instruments for support, starting from the instruments for sharing of the meanings («NTI Canon») to the instruments of investments support («Venture investing»).

• Instruments: on the left and upper axes there are the key instruments for realization of projects and technological development marked on the right and below the title of the axis; the instruments related to the right and the lower axes are placed on the se axes.

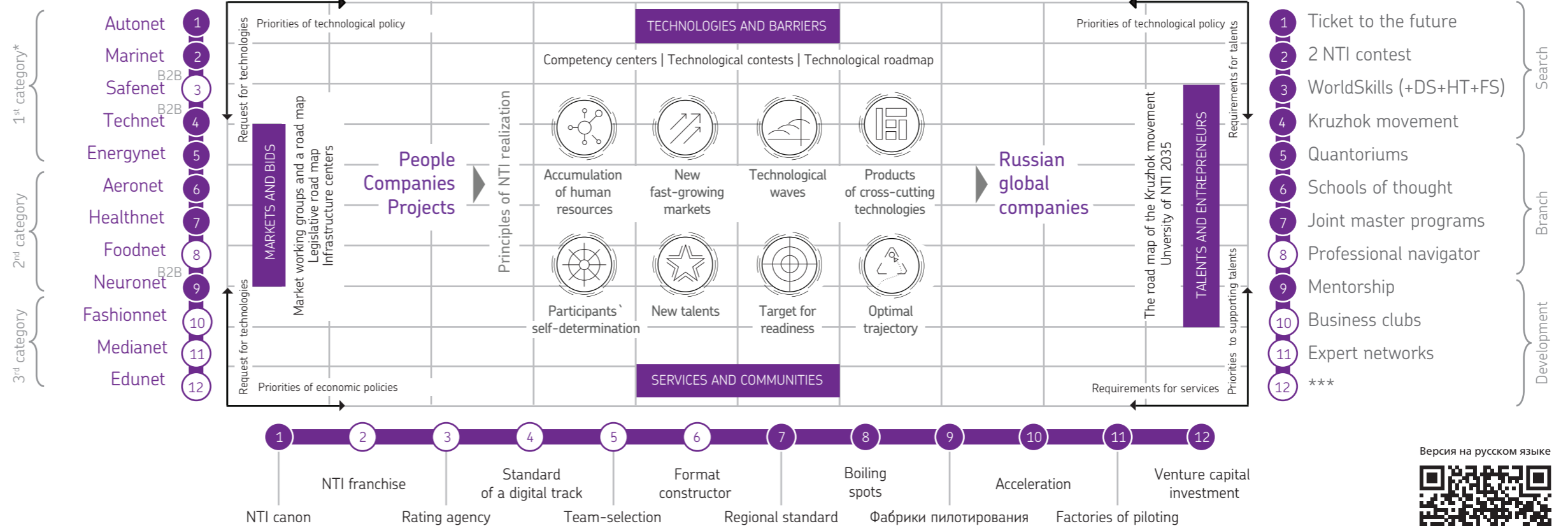
The matrix serves as methodology and a navigator among the key instruments for support that is aimed at a day-to-day implementation (Most of the elements are accompanied by QR-codes for more information).

Ideology

The matrix axes form a subject area: NTI is aimed at devilmint of new emerging markers in Russia (the left axis), based on breakthrough technologies (the upper axis), that can be developed by involving into them a minimum-sufficient number of talents (the right axis). In order for the talents to be raised there is a number of services consisted of the instruments of support being created. (the lower axis).

The matrix as an instrument for project evaluation

- When moving clockwise starting from the markets, the matrix reflects 4 main problems of project evaluation:
- 1. Markets** -> **The target audience** for a project and the problem that needs to be solved by the project (market aims of the project)
 - 2. Technologies** -> **Tactical aims** of a project: the barriers that a project team is planning to overcome (tactical, interim targets that needs to be reached);
 - 3. Talents** -> **Team** with competences required for project realization;
 - 4. Services** -> **Resource availability** of a project; validity of amount and sources required for a project.



* Market capital intensity:
 1st category – the markets that require long-term infrastructure due to high proportion of public involvement;
 2nd category – the markets that demand risk sharing with business in order for it to develop;
 3rd category – the markets that demand only high responsiveness to changes in the regulation.

Conventions
 X institutionalized direction of NTI realization
 X initiative study, search for sustained formats

Версия на русском языке

