



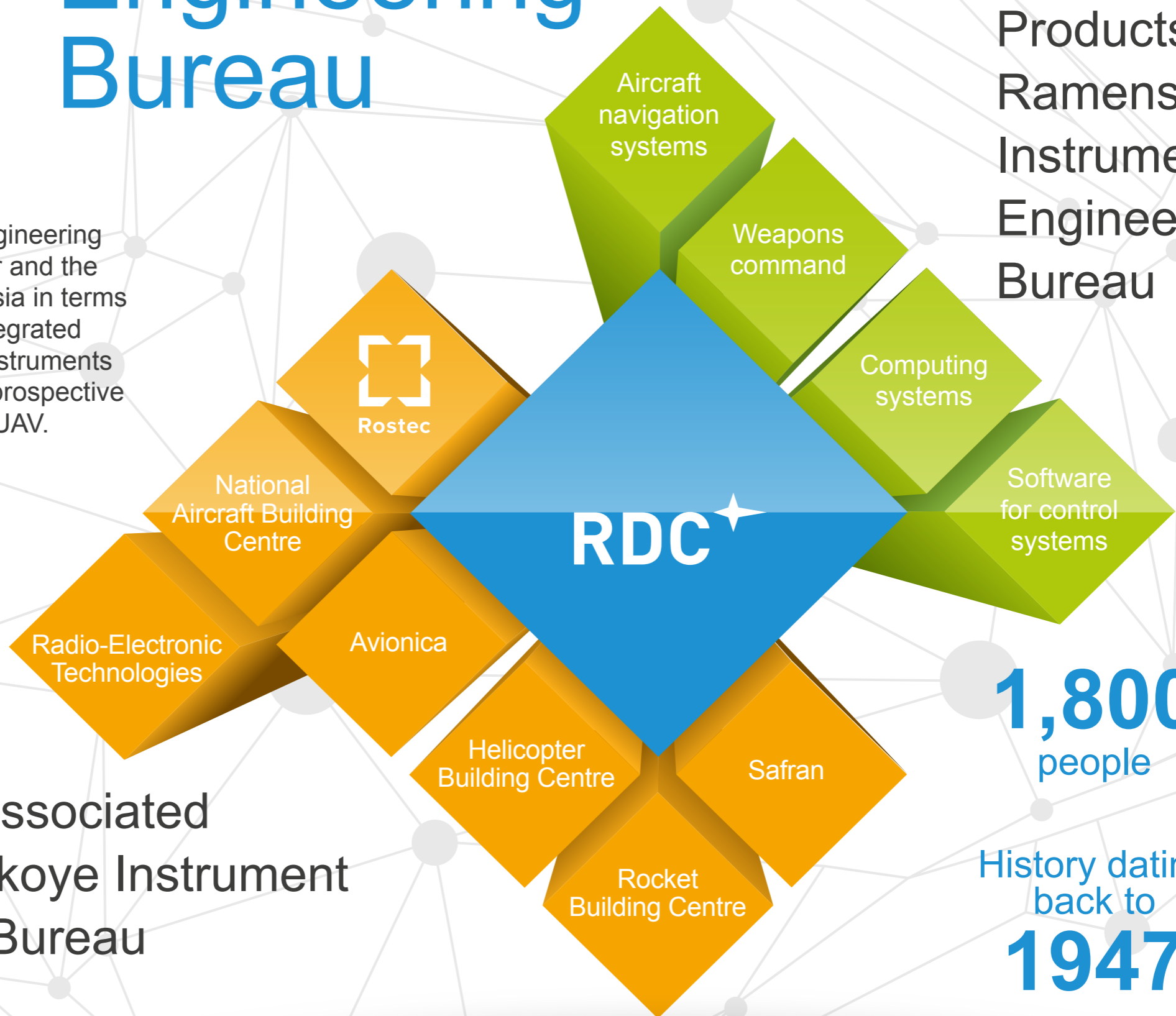
**TECHNOPOLIS
RAMENSKOYE**

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Ramenskoye Instrument Engineering Bureau

Ramensk Instrument Engineering Bureau is a global leader and the leading company in Russia in terms of development of the integrated avionics, systems and instruments for the modernised and prospective aircraft, helicopters and UAV.

Products of Ramenskoye Instrument Engineering Bureau



Companies associated with Ramenskoye Instrument Engineering Bureau

1,800 people

History dating back to 1947

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Project's Mission

Technopolis is a territory of maximum living comfort

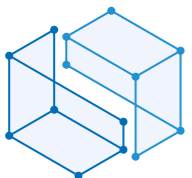
Technopolis is a mechanism ensuring embodiment of new knowledge in technologies and products and also it is a social and economic environment providing for innovative activities.

Technopolis is a center of human capital: continuous education, knowledge-based production, continuous innovative process

Location: Technopolis is associated with a cluster of technologically adjacent production sites such as National centres of aircraft, helicopter and rocket building.

Innovative potential of Technopolis is a mix of intellectual, material, financial, scientific and technical, personnel, organizational and other resources provided by the Project's strategic partners: Ramensk Instrument Design Bureau, Safran, STE, DEERNS, Bauman Moscow State Technical University, Russian Academy of Sciences, Skolkovo, Bank for Development and Foreign Economic Affairs (Vnesheconombank), Moscow Region Government, RVC.

Compact system of target training and retraining of highly qualified engineering personnel and teams for innovative businesses with high internal motivation and focusing on creative approach and achieving.



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Project's mission

Predominance of young engineers.

Unique equipment allows for performing new environment friendly scientific and applied world class research in nanoelectronics, nanosystem machinery, molecular and nanophotonics, nanostructured coatings, nanobiotechnologies.

Technopolis is a centre for value creation and cross-sectoral coordination of innovations.

Technopolis Ramenskoye is a key link of technological evolution

System ensuring optimal and continuous development of innovations on all stages of product life-cycle: personnel training – research – marketing – seed and venture financing – design – production – distribution – servicing.



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Ramenskoye Technopolis Technologies in Action

Maximally broad
diversification of the unified
technologies application

Automobile
transport

Telecommu-
nications

Aviation

Roboto-
tronics

Shipbuilding

Space

Medicine

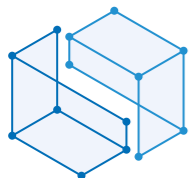
Utilities

Nanoelec-
tronics

Railway
Transport

Security
systems

Power
industry



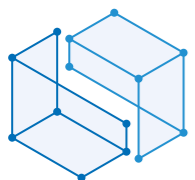
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State Support

*Support
by the Moscow
Government*

*Support
by the Russian
Government*

*Support by
the Federal Ministries:
Ministry of Industry
and Trade and
Ministry of Economic
Development*



State Support Tools

MINISTRY OF ECONOMIC DEVELOPMENT OF THE RUSSIAN FEDERATION

Government guarantees on credit obligations

Territorial cluster development program

SME support program

MOSCOW REGION GOVERNMENT

Benefits for Profit Tax

Benefits for Property tax

Regional Special Economic Zone

The order of the Government of the Russian Federation

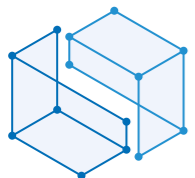
NO. AD-P9-4214
FROM JUNE 7, 2014

MINISTRY OF INDUSTRY AND TRADE OF THE RUSSIAN FEDERATION

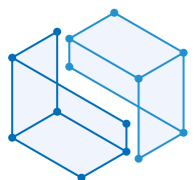
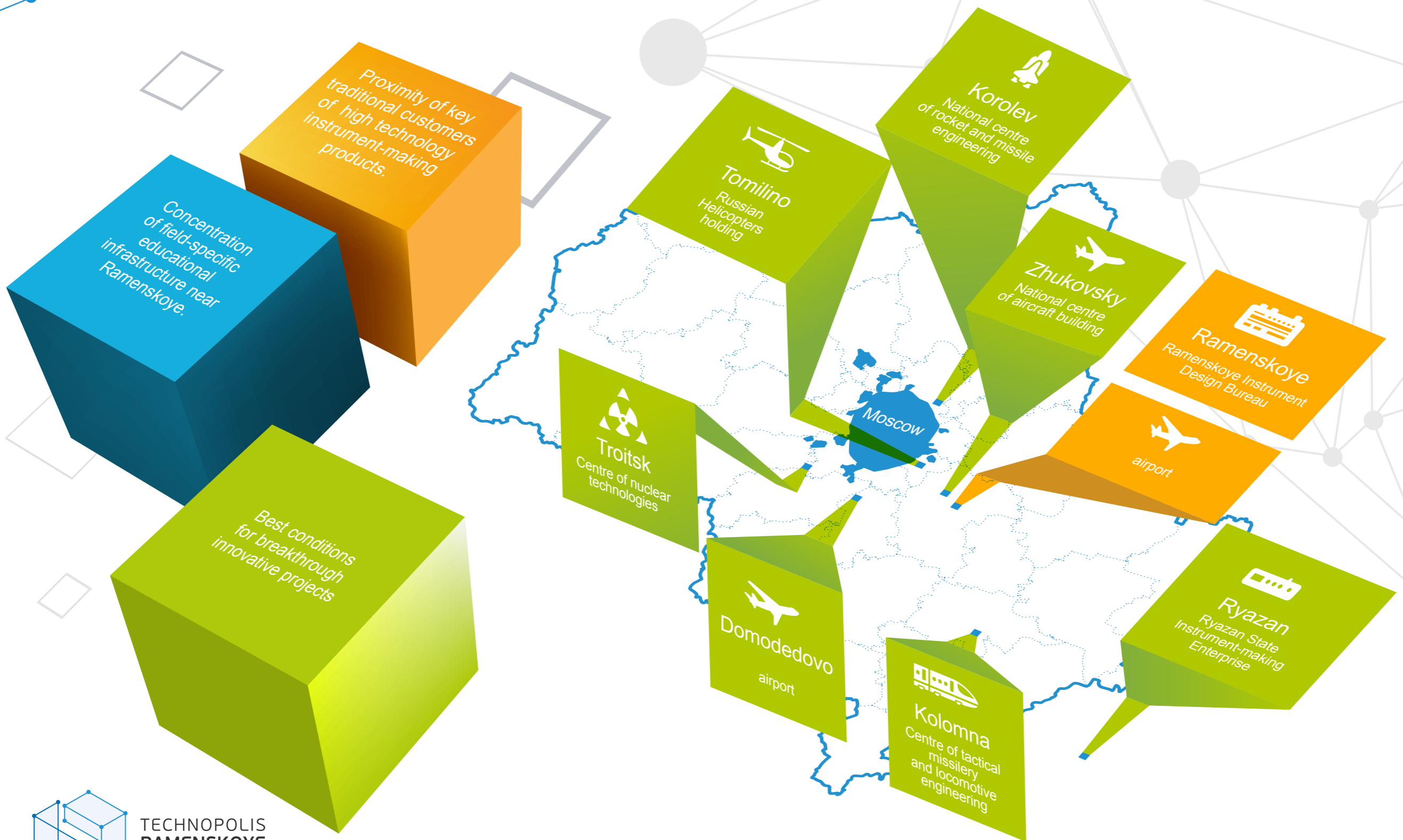
Program "Development of the industry and its competitiveness enhancement"

Program "Industrial parks"

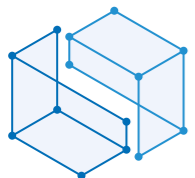
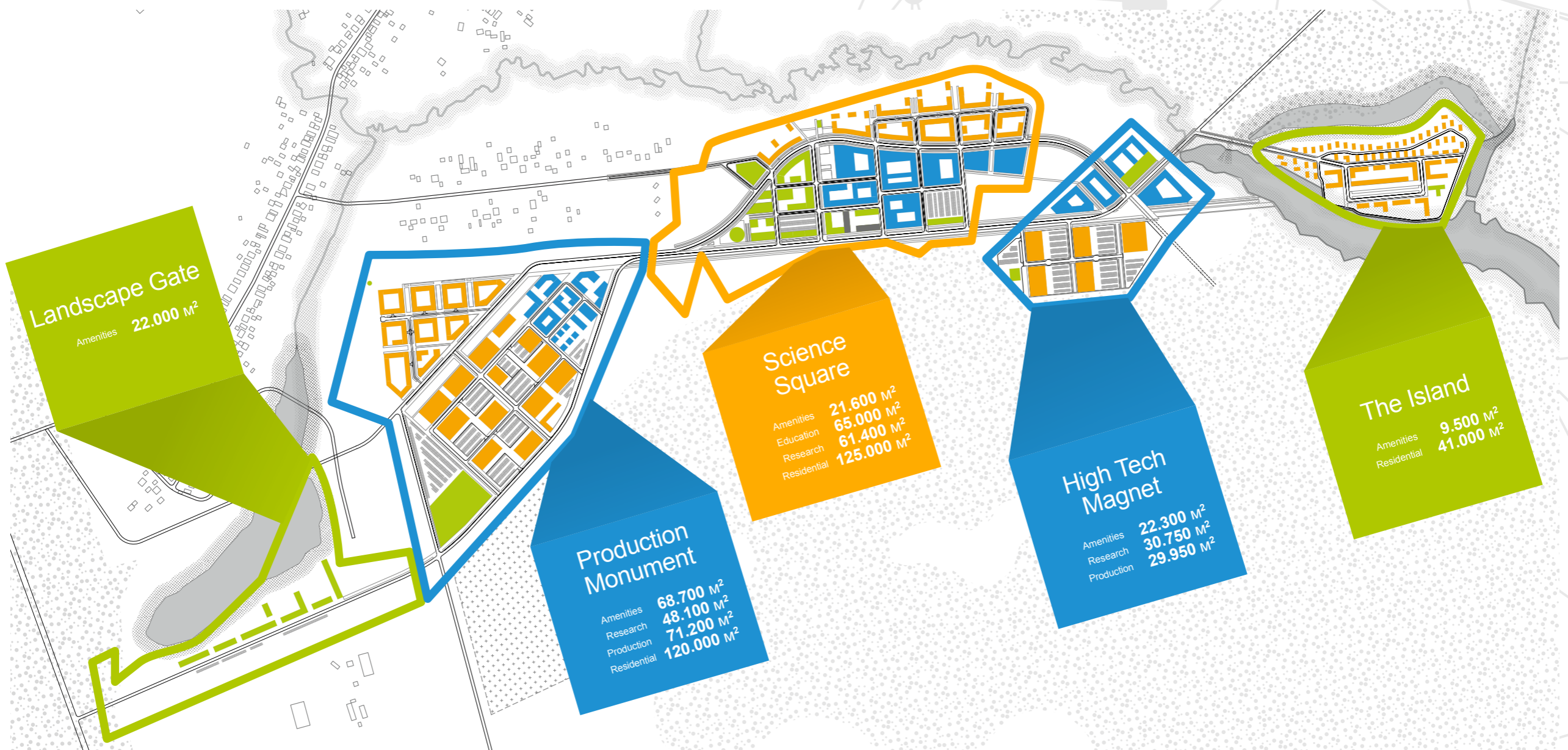
Program "Engineering and industrial design development"



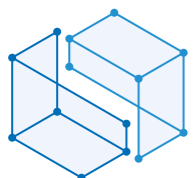
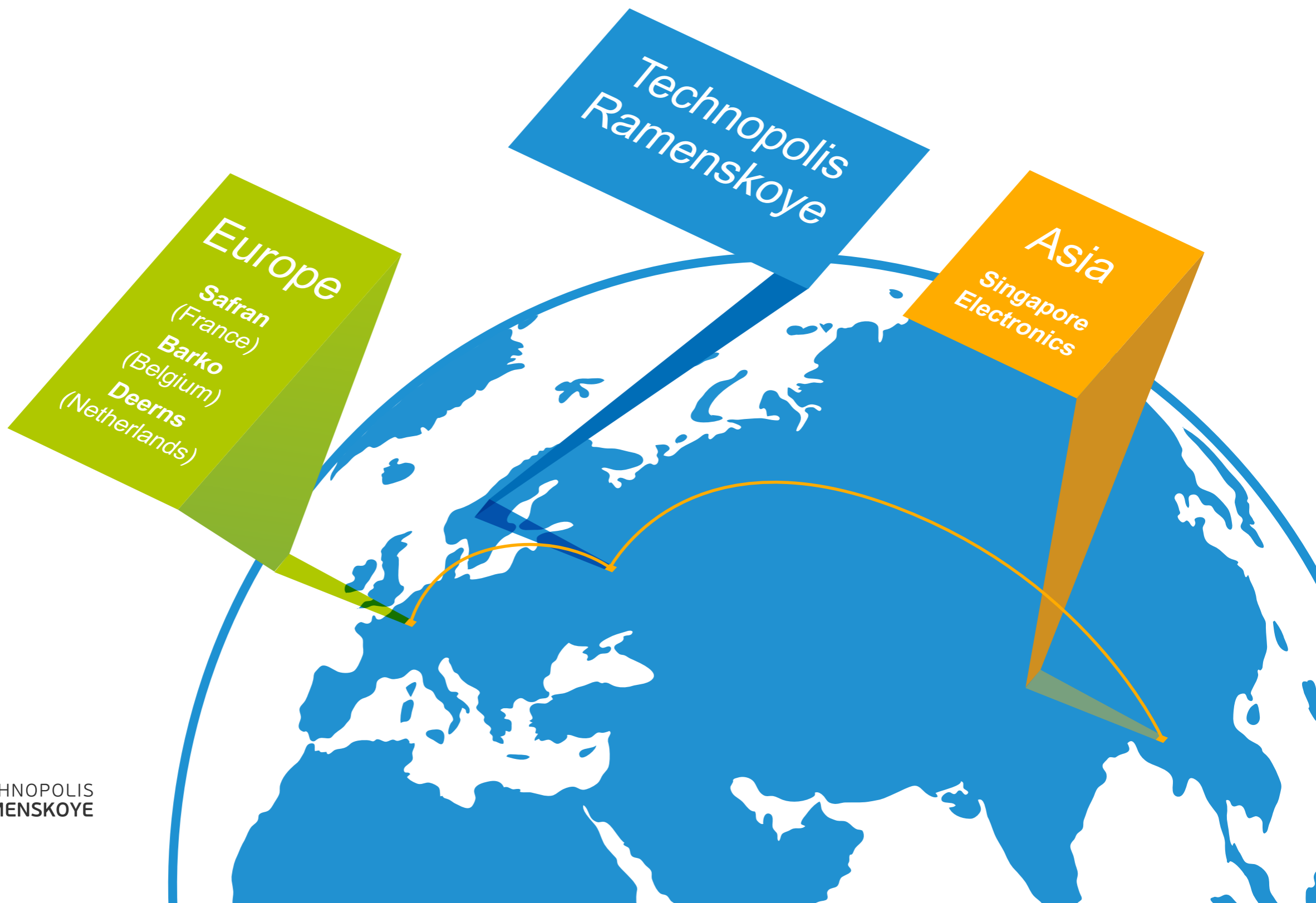
Geographic Reach



Map of Technopolis



International Partners

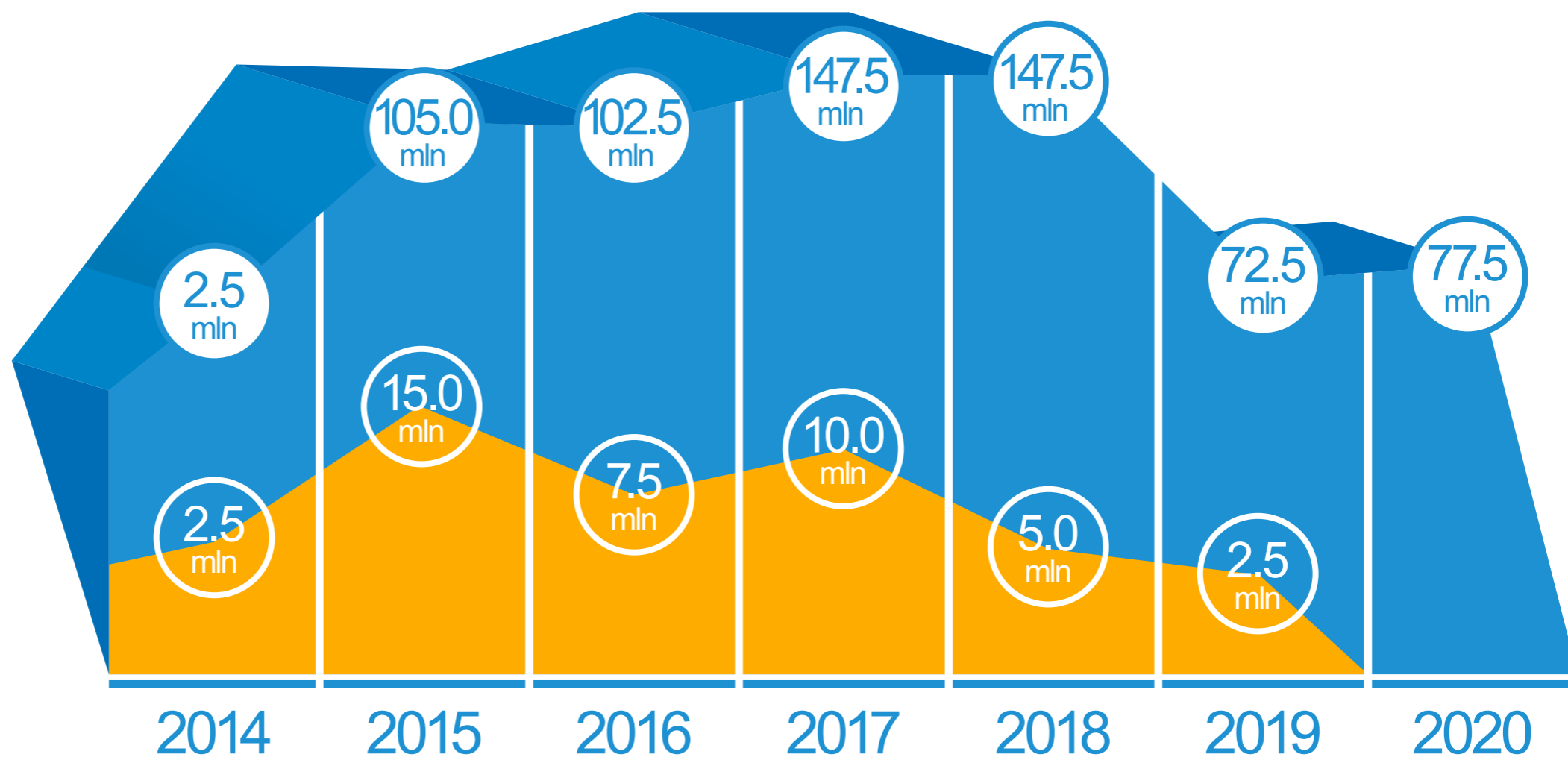


Investment plan

700
mln

total investments
(Euro)

(preliminary estimations)



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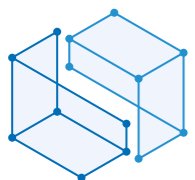
City-Centre
Ramenskoye



Open Territory
(Projected Technopolis)

Sources of investments:
private, regional,
development institutes

Investments Structure



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Economic Effect

NPV

Net Present Value

2–2.5
bln Euro

IRR

Internal Rate of Return

14–18
%

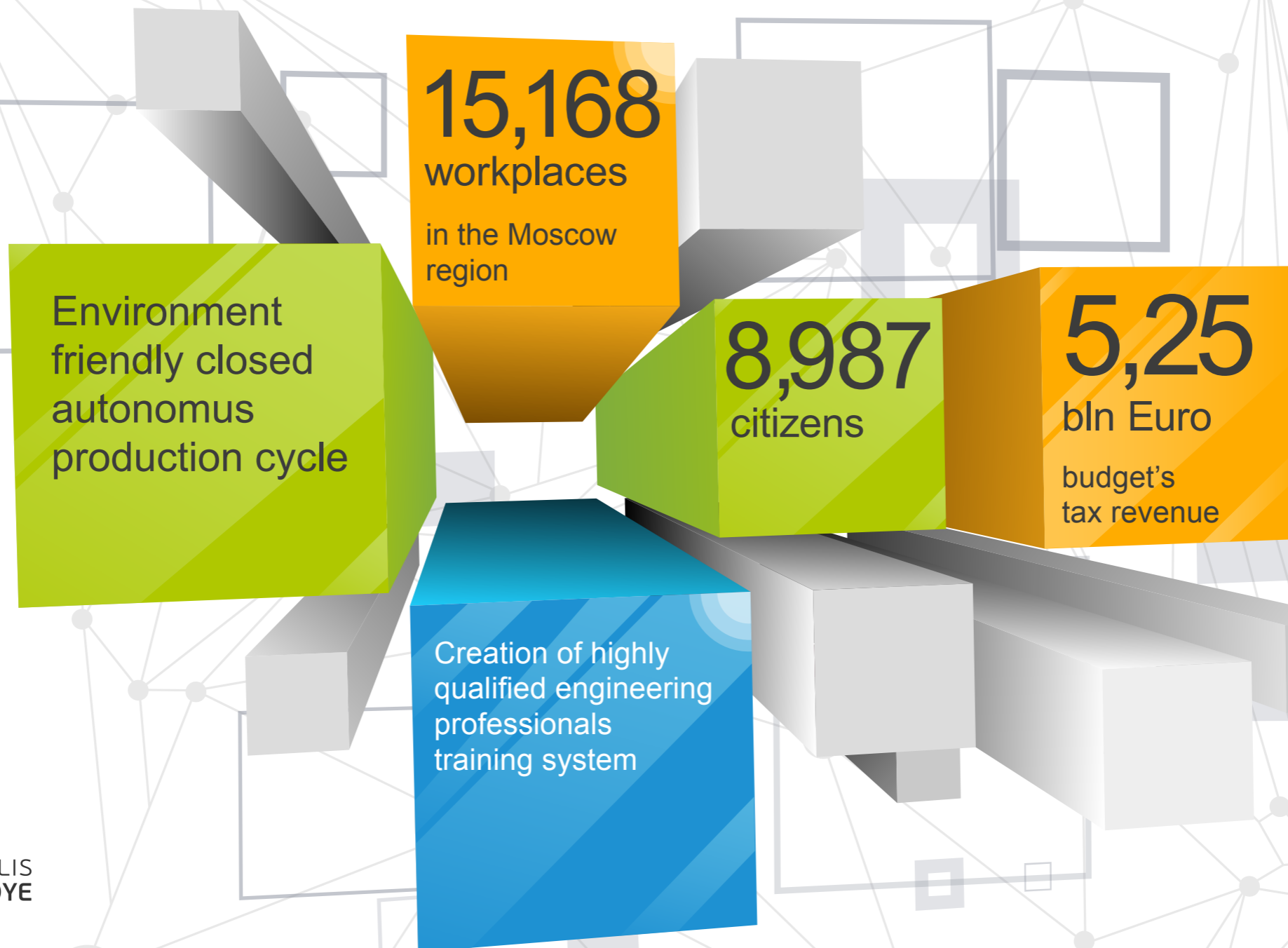
DPBP

Discounted Payback Period

12–15
years



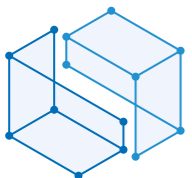
Sustainable Development Together with the Region and Partners



Technopolis Designer

The logo for Deerns, featuring the word "Deerns" in a bold, sans-serif font. The letter "e" is stylized with a blue diamond shape integrated into its center.

Deerns is a multi-disciplinary consulting engineering firm founded in 1928 to provide expert design services in the fields of Energy Supply, Sustainability, MEP systems and Master Planning.



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Thank you

