

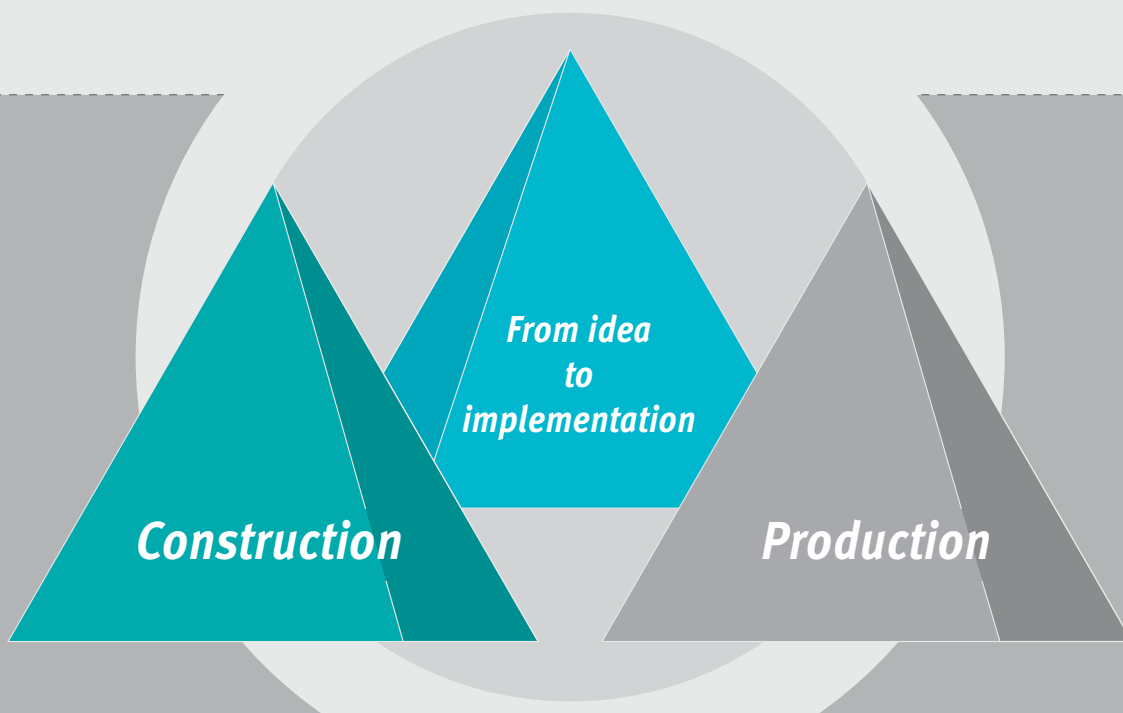


VESTA PARK
GROUP OF COMPANIES

**CIVIL AND INDUSTRIAL
ENGINEERING**

**PRODUCTION OF SANDWICH PANELS
AND METAL STRUCTURES**

VESTA PARK GROUP OF COMPANIES



Vesta Park has been operating in the Russian market of construction materials since 2003.

Vesta Park group of companies specializing in the construction of industrial, energy and warehouse facilities was established in 2007.

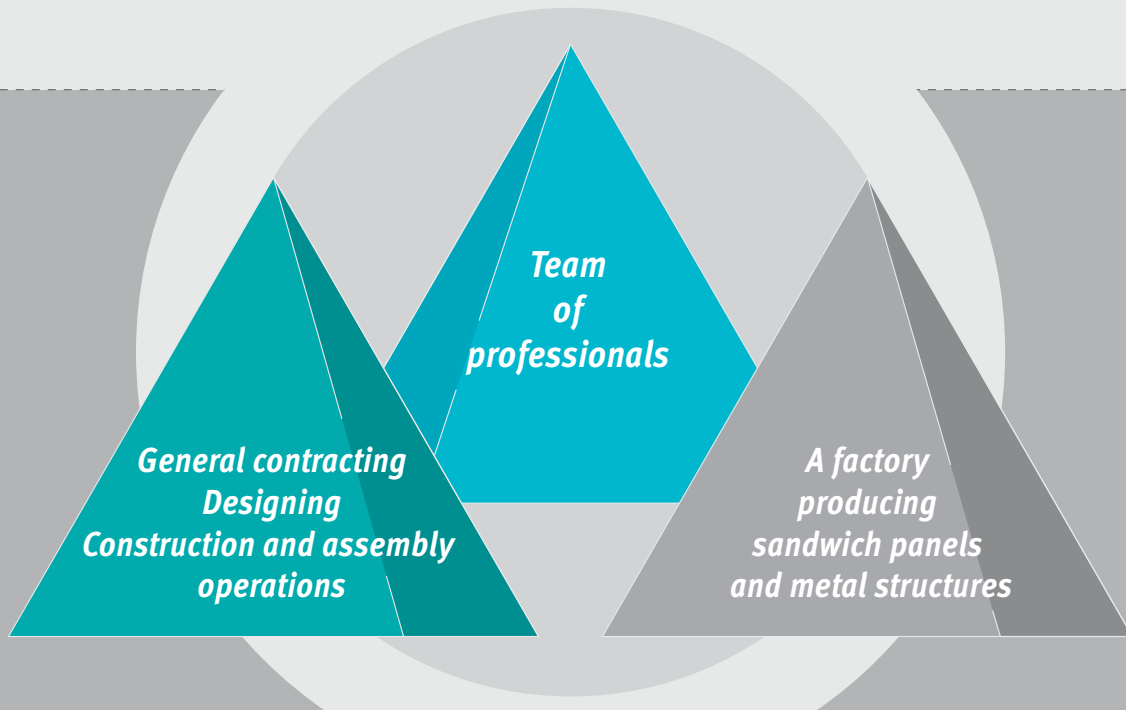
- ▲ The group is comprised by a general contractor, a design team, a factory producing sandwich panels and metal structures.
- ▲ Vesta Park group of companies has been managed subject to the European standards provided for in GOST R ISO 9001-2008 (ISO 9001:2008).
- ▲ The proprietary products undergo strict control at each production phase.

ADVANTAGES OF VESTA PARK GC

- Availability of certified in-house production of metal structures and sandwich panels
- Project management from the idea to complete implementation and commissioning
- Utilization of cutting-edge design engineering and construction technologies
- Design optimization and minimizing of construction period. As a consequence, substantial saving and boosting the overall project investment case
- Long-term and verified relations with vendors of commodities and other materials
- Compliance with ISO international quality standards
- Availability of in-house production capacities and technical facilities

The group companies have been certified to supply products and perform operations at energy and atomic industry facilities, cultural heritage sites.

AREAS OF BUSINESS



COMPANY RESOURCES

1. The management of Vesta Park GC has been certified subject to ISO 9001:2008.
2. The company's manufacturing staff has been certified in accordance with the applicable laws in the field of industrial safety, rules and regulations of construction and assembly operations.
3. Vesta Park Project is a full member of Stroy Project NFP SRO of designers, Stroitelny Resurs NFP SRO, has a license issued by the RF Ministry for Culture to perform activities to preserve RF peoples' cultural heritage sites.
4. The welding technique applied in the welding operations, both in production and at construction sites, complies with the requirements of NAKS (National Agency for Testing and Welding).
5. The factory producing enclosing structures is one of top 5 companies manufacturing sandwich panels in Russia.
6. Machines, equipment, vehicles and mechanisms. Aerial work platforms, truck-mounted cranes, loader cranes, mobile hoists for assembly of metal structures and sandwich panels, telescopic hoists, welding plants, equipment for assembly of sandwich panels at heights above 30 m (CladBoy), high-precision meters, etc.

ENERGY FACILITIES



Delivery of sandwich panels 4,300 m²

CHP-9, Moscow (2010)



*Construction and assembly operations,
Delivery of sandwich panels 10,800 m²*

Kaskadnaya substation, Moscow (2010-2012)

CONSTRUCTION



General contracting

Vesta Park group of companies offers the general contracting services related to designing and constructing of manufacturing premises, shopping malls and warehouse facilities.

The general contracting means a set of actions to manage construction of facilities using expertise and skills enabling efficient use of financial, material, staff, time and technical resources.

The general contractor's duties encompass environmental protection, ensuring fire safety during operations, labor safety, industrial safety, improvement of the land around the site upon completion of construction.



Advantages:

Vesta Park group of companies performs designing and industrial construction of premises at competitive prices and high quality, offering to its clients the following advantages:

- In-house construction materials conforming to the European quality standards. Thanks to unique technical parameters, the use of sandwich panels and metal structures enables to erect a building for any purpose within the shortest possible time.
- Efficient project management. While being managed, the project has been optimized in view of its technical operation features; up-to-date technology of designing and constructing non-residential manufacturing premises has been applied.
- Performance warranty. As a general contractor, **Vesta Park** offers a warranty to all the operations performed under a contracting agreement, starting from delivery of construction materials to monitoring of project implementation progress.



Services:

A set of general contractor's actions to manage a construction project is aimed at optimizing the time consumption at defined financial and physical resources at all facility construction phases, including designing of manufacturing premises. The services offered by Vesta Park group of companies imply a variety of activity types.

ENERGY FACILITIES



*Construction and assembly operations,
Delivery of metal structures, above 3,500 tons,
Delivery of sandwich panels 12,000 m²*

*Novogorkovskaya CHP, Nizhny Novgorod region,
Kstovo (2013)*



*Construction and assembly operations,
Delivery of sandwich panels 17,000 m²*

CHP-12, Building of SF6 GIS, Moscow (2012-2014)

CONSTRUCTION



General contracting for construction of manufacturing premises, shopping malls and warehouse facilities:

- Elaboration and approval of request for proposal;
- Elaboration of construction management plan (CMP) and the site master plan;
- Integrated design (AR, KZh, KM, KMd phases and others);
- Coordination with governmental bodies and agencies;
- Designer and engineering supervision at the construction site;
- Preparation and submission of as-built project documentation.



Complete range of assembly services:

- Metal structures in the main frame of buildings (trusses, beams, brace rods, frameworks and so on);
- Wall and roof sandwich panels, including installation of all the necessary shaped elements;
- Stained-glass panels, windows, entrance elements of any complexity;
- Installation of turnkey rolled roofing.



Additional services:

- *Land improvement;*
- *Earthwork;*
- *Concrete work.*

Construction and assembly operations are performed using high-tech equipment (cranes, Clad boy, scissor lifts, manipulators).



Designing engineering documentation

Pursuant to SNiP, GOST and ESKD for buildings and installations of any complexity category.

ENERGY FACILITIES



*Construction and assembly operations,
Delivery of sandwich panels 12,000 m²*



CHP-20, Moscow (2013-2014)

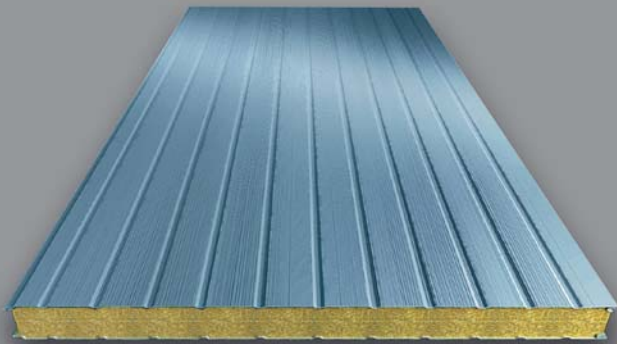


*Metal structures 300 tons,
Delivery of sandwich panels 20,000 m²*

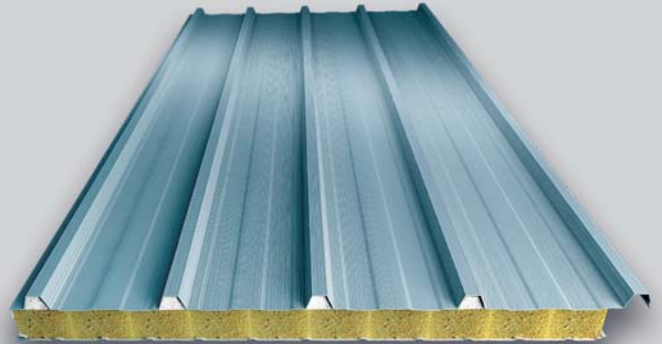


Novovoronezhskaya NPP-2, Novovoronezh (2010)

PRODUCTION OF SANDWICH PANELS



Wall sandwich panel



Roof sandwich panel

Length, m	Width, mm	Thickness, mm
up to 15	1000, 1200	60–250

Length, m	Width, mm	Thickness, mm
up to 15	1000	80–250

Vesta Park factory is part of the group of companies. Nowadays, the entity is a leader in the Russian market and enters top 5 major manufacturers of Russia. The factory has been producing and will readily offer wall and roof sandwich panels featuring various insulation types.

The first sandwich panel production line has been launched in 2003. As of now, the enclosing structures have been produced using two automatic line from Isowall Holdings Limited (UK).

The factory's prominent advantage over the rivals is more than 10 years of successful operation and references from our partners. The entire production process strictly complies with the specifications.

- ▲ The factory may produce **up to 5,000 m² per shift**.
- ▲ The annual output of sandwich panels **exceeds 1 million m²**.
- ▲ Ability to produce sandwich panels with steel lining, **0.5 to 0.8 mm thick**.
- ▲ In 2013, the factory's proceeds has **exceeded RUB1 bn**.

Additional services:

- Panel layout subject to the design;
- Finishing accessories: self tappers, sealants;
- Construction foam, sealing strip;
- Domestically produced shaped elements;
- Transportation to facility or site;
- Package: standard, reinforced;
- Supervised installation.



ENERGY FACILITIES



Delivery of sandwich panels 12,000 m²

*Reftinskaya GRES, Sverdlovsk region,
Reftinsky settlement (2012)*



*Supervised installation,
Delivery of sandwich panels 4,000 m²*

*TPP Sisak-S (CCGT-230 MW), Sisak (Croatia)
(2010-2011)*

PRODUCTION OF METAL STRUCTURES



Vesta Park GC is manufacturing metal structures of any complexity category, for any industrial facilities. The manufacturing operations are performed within the shortest time possible, upon agreement with the customer. The production facilities are located in Ryazan.

Metal structure is an installation made of metal sections and utilized in various fields of construction and agriculture. There exist two major types of metal structures – heavy ones, made of steel and applied in supporting frames, supports, power transmission lines, and light made of alloys and applied in production of enclosures and wall structures.

The product range we offer:

- Principal and secondary trusses;
- Variable section roof beams;
- Variable profile I-beams;
- Welded I-beams;
- Variable section beams;
- Bridge beams;
- Pillar sections;
- Main beams.

Types of metal structures

Vesta Park GC is offering the following customized metal structures:

By joining type:

- **Stationary.** These are non-dismountable metal structures used to erect framework of buildings and high-rise structures. They are anchored to the foundation and offer huge strength reserve.
- **Prefabricated.** These are the structures used for quick-erect buildings. If necessary, they could be disassembled, shipped to any other location and reassembled.

By assembly type:

- **Bolted.** The elements in such structures are joined by bolting, in view of redistribution of central loads to the structure among all the bolts utilized.
- **Riveted.** The parts in such structures are fastened by riveting (by overlapping or splicing).
- **Welded.** In case of using such metal structures during construction, the elements are joined by welding which enables to use any fixing type: butted, end-on-end, overlapping, angular.

Application of metal structures

Construction. The metal structures of varying shape, including non-standard and irregular, are used to produce supporting frames and floorings for industrial, residential, administrative, sports and other buildings.

Agriculture. The metal structures are used to erect warehouses, storages for various purposes, hangars, grain cleaning centers and so on.

Industry. The metal structures are used in engineering installations (bridges, ramps), in the construction of masts and towers (oil derricks, industrial stacks), and in manufacture of mobile industrial structures and custom vehicles (platforms, cargo hoists, excavators).

INDUSTRIAL FACILITIES



*Construction and assembly operations,
Delivery of sandwich panels 20,000 m²*

Tikhvin Carriage Works, Building No. 56 (2010-2011)



*Construction and assembly operations,
Delivery of sandwich panels 5,000 m²*

*Building of Virus-free Potato Propagation Institute
(Prodkartofel SPC), Moscow (2009)*

KEY FACILITIES CONSTRUCTED

The resources from **Vesta Park GC** were used in the construction of more than 3000 facilities across Russia, including the following:

1. Kaskadnaya substation, Moscow (2010-2012, construction and assembly operations, delivery of sandwich panels and metal structures)
2. Bryansk meat-processing plant, Bryansk region (2010-2012, delivery of sandwich panels)
3. Novovoronezhskaya NPP, Voronezh (2010-2011, delivery of sandwich panels, supervised installation)
4. Sisak-S TPP (CCGT-230 MW), Sisak (Croatia) (2010-2011, delivery of sandwich panels, supervised installation)
5. Foundry building, Tikhvin Carriage Works, Tikhvin, Leningrad region (2010-2011, general contracting)
6. Torzhok Carriage Works, Torzhok, Tver region (2011, delivery of sandwich panels)
7. Magnit shopping mall, Tver (2011, delivery of sandwich panels)
8. Airport, Vladivostok (2011, delivery of sandwich panels)
9. Selgros shopping mall, Moscow (2010, delivery of sandwich panels)
10. Relay cabinet building, Ivanovo GRES, Ivanovo (2010, designing, configuration, construction and assembly operations)
11. CHP-9, Moscow (2010, delivery of sandwich panels)
12. Leroy Merlin shopping mall, Klimovsk (2010, delivery of sandwich panels, construction and assembly operations)
13. Experimental Production Enterprise, Ramenskoe district, Moscow region (2010, delivery of sandwich panels)
14. Building of Virus-free Potato Propagation Institute (Prodkartofel SPC), Moscow (2009, configuration, construction and assembly operations)
15. Carlo Pazolini multi-purpose office & warehouse facility, Moscow (2009, configuration, construction and assembly operations)
16. Agricultural warehousing facility, village of Synkovo, Moscow region (2008, construction and assembly operations, delivery of sandwich panels)
17. Lyublinskoe Pole shopping mall, Moscow (2009, delivery of sandwich panels, construction and assembly operations)
18. Volzhanin poultry plant, Yaroslavl region, (2009, delivery of sandwich panels)
19. Warehousing facility, Domodedovo, Moscow region (2008-2011, designing, general contracting)
20. Logistics hub in the area of the Vostochny industrial park, Noginsk, Moscow region (delivery of sandwich panels, 2008, 2013)
21. Reftinskaya GRES, Sverdlovsk region, Reftinsky settlement (2012, delivery of sandwich panels)
22. Europe shopping & entertainment mall, Moscow (2006, delivery of sandwich panels)
23. Continental factory, Kaluga (delivery of sandwich panels, 2012-2013)
24. Istra Logistic logistics hub, Leshkovo village, Moscow region (2011-2012, delivery of sandwich panels)
25. Oleniy Ruchey mining and processing works, Kirovsk administrative district (delivery of sandwich panels for shelter of apatite concentrate thickener, F&D building, apatite and nepheline concentrate silos, 2013)
26. Dzerzhinsky warehousing facility, Dzerzhinsky, Moscow region (delivery of sandwich panels, 2011-2012)
27. Novogorkovskaya CHP, Nizhny Novgorod region, Kstovo (construction and assembly operations related to erection of main supporting frame of the main building at Novogorkovskaya CHP. More than 3,500 tons of metal structures erected, delivery of sandwich panels, 2013)
28. Federal distribution center, Sportmaster LLC, Balashikha, Moscow region (delivery of sandwich panels, 2013)

KEY FACILITIES CONSTRUCTED

29. CHP-12, building of SF6 GIS, Moscow (delivery of sandwich panels 17,000 sq.m. Assembly of metal structures for the main supporting frame, framework, enclosing structures from sandwich panels, filling openings. Installation of roofing, 2012-2014)
30. CHP-20, Moscow (assembly of metal structures of the framework, sandwich panels. Assembly of filling openings. Delivery of sandwich panels, 2013-2014)
31. Planeta manufacturing and storage facility, with administrative premises, located at: Leshkovo village, Pavlo-Slobodskoe rural settlement, Istra district, Moscow region (delivery of sandwich panels, 2012-2013)
32. Dialog Invest office and warehousing facility, Leshkovo village, Moscow region (delivery of sandwich panels, 2012)
33. Atlant Park manufacturing and storage facility, Obukhovo urban-type settlement, Noginsk district, Moscow region (delivery of sandwich panels, 2011-2014)
34. City Story warehousing facility, Noginsk-Technopark, Noginsk, Moscow region (delivery of sandwich panels, 2013)
35. Penogazosteklo-Kaluga factory, located at: vicinity of Koryakovo village, Borovsk district, Kaluga region
35. Vorsino industrial park (delivery of sandwich panels, 2013)
36. CHP-16, Moscow (delivery of sandwich panels, 2012-2013)

SOCIAL FACILITIES



Delivery of sandwich panels 7,500 m²

Airport, Vladivostok (2011)

INDUSTRIAL FACILITIES



Torzhok Carriage Works, Torzhok, Tver region (2011)



Delivery of sandwich panels 6,500 m²



Continental factory, Kaluga (2012-2013)



Delivery of sandwich panels 42,000 m²

INDUSTRIAL FACILITIES



Delivery of sandwich panels 7,900 m²



Oleniy Ruchey mining and processing works, Kirovsk administrative district (2013)



Delivery of sandwich panels 4,000 m²



Penogazosteklo-Kaluga factory, located at: vicinity of Koryakovo village, Kaluga region, Borovsk district, Koryakovo village (2013)

WAREHOUSING FACILITIES



Carlo Pazolini multi-purpose office & warehouse facility, Salarievo village, Moscow region (2009)



Construction and assembly operations, Delivery of sandwich panels 9,000 m²



Kryokshino logistics hub, Kryokshino village, 19th km of Kiev highway, Moscow region (2011)



Delivery of sandwich panels 8,200 m²

WAREHOUSING FACILITIES



Delivery of sandwich panels 20,000 m²



Dzerzhinsky warehousing facility, Dzerzhinsky, Moscow region (2011–2012)



Delivery of sandwich panels 9,000 m²



Dialog Invest office and warehousing facility, Leshkovo village, Moscow region (2012)

WAREHOUSING FACILITIES



Planeta manufacturing and storage facility, Leshkovo village, Pavlo-Slobodskoe rural settlement, Istra district, Moscow region (2012-2013)



Delivery of sandwich panels 15,600 m²



Atlant Park manufacturing and storage facility, Obukhovo urban-type settlement, Noginsk district, Moscow region (2011-2014)



Delivery of sandwich panels, more than 100,000 m²

WAREHOUSING FACILITIES



*Designing,
General contracting
Delivery of sandwich panels 20,000 m²*

*Warehousing facility, Domodedovo, Moscow region
(2008-2011)*



Delivery of sandwich panels, more than 15,000 m²

*Istra Logistic logistics hub, Leshkovo village,
Moscow region (2011-2012)*

WAREHOUSING FACILITIES



City Story warehousing facility, Noginsk-Technopark, Noginsk, (2013)



Delivery of sandwich panels 3,500 m²



Logistics hub in the area of the Vostochny industrial park, Noginsk, (2013)



Delivery of sandwich panels, more than 12,000 m²

RETAIL FACILITIES



Delivery of sandwich panels 85,000 m²



Yugnie Vorota shopping mall, 19th km of MRR, Moscow (2009-2010)



Construction and assembly operations, Delivery of sandwich panels 5,500 m²



Leroy Merlin hypermarket, Klimovsk (2010)

RETAIL FACILITIES



Selgros shopping mall, (2010)



Delivery of sandwich panels 5,000 m²



Lyublinskoe Pole shopping mall, Moscow (2009)



*Construction and assembly operations,
Delivery of sandwich panels 2,500 m²*

RETAIL FACILITIES



Delivery of sandwich panels 4,000 m²



Europe shopping mall, Moscow (2006)



Delivery of sandwich panels 6,000 m²



Mitino Radiomarket shopping mall, Moscow (2004)

AGRICULTURAL FACILITIES



Agricultural warehousing facility, village of Synkovo, Moscow region (2008)



Construction and assembly operations, Delivery of sandwich panels 14,000 m²



Bryansk meat-processing plant, (2011)



Delivery of sandwich panels 15,000 m²



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