

National Association of Technical Customers and Other Engineering and Construction Management **Organizations - NOTECH Association**

Association presentation



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NOTECH Association

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About the Association

WHAT IS NOTECH?

NOTECH Association is the company that promotes interests of Russian technical customers and other participants of an investment and construction project (ICP), which execute construction planning, arrangement and supervision, and also render other engineering services within ICP lifecycle.

The Association was established in 2023 by leading Russian engineering companies with support of the Russian Ministry of Construction.





WHAT DO WE DO?



Create construction engineering market in Russia



Mature industry expertise, team up market professionals



Systemize regulatory environment of technical customer activities



We have developed and successfully applied voluntary standard of technical customer activities



We cooperate with the largest Russian banks aiming to lower investment related risks



We establish construction engineering standards and ensure that investor (construction client) is provided with high-quality services performed by the companies enrolled to the Association



We develop ranking of the technical customers market



We collect best digital solutions for construction management



We come up with best human resources in the area of managing engineers in the construction industry



We assist in comprehensive cooperation and development of business relations, including foreign partners in the area of professional management and construction supervision

ECH 2025

About the Association

NOTECH PARTNERS

Partners of NOTECH Association are federal entities, industrial associations, regional development corporations, leading state institutes of higher education, digital developers and other leaders of the market in different segments.

The Association is developing continuously and looking for new cooperation opportunities, so it is **open to new partnerships**.

THE FOLLOWING INSITUTIONS PROVIDE THEIR SUPPORT



Government of the Russian Federation



Ministry of Construction



Glavgosexpertiza of Russia

WE DEVELOP PARTNERSHIP WITH LEADING STATE UNIVERSITIES



Peter the Great St. Petersburg
Polytechnic University



Russian Presidential Academy of National Economy and Public Administration



Russian University of Transport



Moscow Power Engineering Institute



Moscow State University of Civil Engineering



State University of Management



President of NOTECH Association

President of the National Association is an **individual executive body of the Association**. The President manages the Association activities in compliance with its short-term and long-term programs and strategic development plans, represents the Association in state authorities, local authorities, public communities, other Russian, foreign and international companies, and performs other actions stipulated by the Charters of the Association and Russian legislation.



President of NOTECH Association

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Current tasks of the Association include assistance in development of comprehensive cooperation and strengthen business ties with foreign partners to exchange experience and knowledge in the area of professional management and construction control that would help to reveal mutually beneficial and prospective areas of cooperation within implementation of investment and construction projects and to establish strategic partnership.

The Association arranges business meetings and exchange of best practices. Also, it assists in initiation of joint international projects aimed at enhance of technical customer role as a key party in a construction project.





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Members of Supervisory Board of NOTECH Association

Supervisory Board is a standing coordination governing body of the Association.





Chairman of the Supervisory Board ALEKSANDR N. LOMAKIN First Deputy Minister of Construction, Housing and Utilities of the Russian Federation



Deputy Chairman of the Supervisory Board





VLADIMIR S. DVORETSKIY
First Deputy General Director of projects
management, resettlement of Moscow
stock and renovation of residential
property



MAKSIM E. KANDYBAYLO
Deputy Chairman of the Committee
for architecture and urban
development of Moscow



YULIA I. ISACHENKO
Head of the Department for cooperation with
General Board of State Expert Review
(Glavgosexpertiza) of Russia



SERGEY A. FROLOVSKIYDeputy General Director for design engineering and construction of MR Group JSC



IGOR M. LEVIT
Member of Executive Board and Board
of Directors, first deputy general director
of LSR Group PJSC



KONSTANTIN V. AKIMOVGeneral Director of APD Holding



Aleksandr S. TIKHONOV Head of Fund-Raising Department for Construction Projects of Sovkombank PJSC



PAVEL V. GUSYATNIKOVDirector of the Department for cooperation with the companies within infrastructure of Moscow bank Sberbank PISC



NIKOLAY V. PESHKOV Counsellor of the First Vice-President of Bank GPB JSC



ALEKSEY S. NIKITINPresident of NOTECH Association

Member of Executive Board of NOTECH Association

Executive Board is a standing **collegiate executive body** of the Association.





TIMUR F. BATKINExecutive Partner of GDC Group of Companies



DIONIS V. VASILIEVExecutive Partner of Russian Expert
Group



ANDREY I. GULAKChief Operating Officer, shareholder of DBC Construction



VLADIMIR F. IVANOVExecutive Partner of Spectrum Group of Companies



GENNADIY V. KIRKINPresident of engineering company IRBIS



VITALIY A. KLEVTSOV
Executive Director, Member of the Board of Directors of GREEN



ALEKSEY G. LUKIANCHIKOV Executive Partner of engineering company Element



OLEG I. MALAKHOVChairman of the Board of Directors of PRIMEKEY Group of Companies



ZUFAR R. MUSINGeneral Director of
Promservice construction
company



HUSSEIN M. PLIEV
General Director of SMART ENGINEERS
Group of Companies



ROMAN A. SIGITOV
Chairman of the Board of Directors of
SEVERIN DEVELOPMENT



IGOR A. TEMNYSHEVPartner of Nikoliers

Vice Presidents of NOTECH Association

Activities of NOTECH Vice Presidents are aimed at implementation of long-term strategic plan of the Association development, extension of public relations of the National Association of technical customers in the construction industry and development of the Association goodwill in the construction engineering market.



МАЛАХОВ ВЛАДИМИР ИВАНОВИЧ General Director of BISKID LLC



HUSEIN M. PLIEV General Director of SMART **ENGINEERS** Group of Companies



VLADIMIR F. IVANOV Executive Partner of Spectrum Group of Companies

Advantages for the foreign partners as a result of cooperation with the Association

The Association provides large-scale expert knowledge and experience of the leading companies in the area of Russian construction engineering, it also continuously develops comprehensive ecosystem of partners.

Accredited members and partners of NOTECH Association include **largest technical customers**, developers of digital solutions, large manufacturers and vendors, market leaders from other segments.

Н ТЕХ НАЦИОНАЛЬНОЕ ОБЪЕДИНЕНИЕ ТЕХНИЧЕСКИХ ЗАКАЗЧИКОВ

BENEFITS OF PROJECT COOPERATION WITH THE ASSOCIATION



Opportunity to create promptly a professional team of engineering managers, design engineers, financial and legal experts, digital integrators and so on for implementation of investment and construction projects of any complexity within any industry; involvement is possible at any project stage.



Guaranteed quality and efficiency of services thanks to the system of voluntary standardization of activities in the construction engineering area.



Transparency of work and protection from negligent partnership.



Best practices of construction management.



Opportunity to adjust systematic collection of industry-related and in-project analytics in order to define main problems of construction project and create special tools to solve them.



Assistance in competence development and experience exchange between all participants of an investment and construction project.



Opportunity to solve issues related to implementation and management of investment and construction projects in "one-stop" format.



Support of international project cooperation with the Association in state level.







ABOUT NOTECH ASSOCIATION

KEY FACTS

>2100

PERSONS

Total amount of employees working for the Association members

>670

BLN RUR

Total cost of projects are being implemented by the Association members >20

BLN RUR

Total revenue of the Association members in 2023

Association members implement investment and construction projects in different economy sectors; they obtain powerful engineering and resource basis

INDUSTRIES

- Metallurgy
- · Machinery manufacturing
- · Medicine and pharmaceuticals
- Chemical industry
- Oil & gas
- Mining industry
- Power engineering
- Timber processing complex
- · Constructions materials industry

- · Consumer industry
- Agriculture
- Food and beverage industry
- IT-infrastructure
- · Telecommunication
- Logistics
- Transport infrastructure
- Automobile roads and bridges

- · Engineering utilities and infrastructure
- Residential real estate
- Retail and entertainment complexes
- Office real estate
- Public amenities
- Sports facilities
- Hotel industry and tourism
- Culture & art

Members of NOTECH Association

STECH 202

NOTECH Association unites leading Russian consulting companies in the area of construction engineering.



GDC Group of Companies



Russian Expert Group



SEVERIN DEVELOPMENT



NF Property Management



KESO Group of Companies





SMART ENGINEERS Group of Companies



GREEN

Strategy Partners

Strategy Partners

GIP GROUP

Glavstroyproekt

Tatneft





SPECTRUM Group of Companies



Centre of Expertise for Major Construction Projects of Rosatom

SRG





Engineering Center Energoprogress





Nikoliers

NIKOLIERS

ЭЛЕМЕНТ

Engineering company

ELEMENT





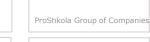
Info-Garant



PRIMEKEY Group of Companies



DBC Construction



промоврвис

PROMSERVICE

ВЭБ ПРОШКОЛА



INSPIREM



Projects Management



Commonwealth Partnership Group of Companies

P COMMONWEALTH

IBCON



Holding company Novostal-M

11110-0



Stroycontrolengineering



Association Solutions

WHAT IS A VOLUNTARY STANDARD OF TECHNICAL CUSTOMER ACTIVITIES?

Voluntary Standard of technical customer activities is a local regulatory act developed by the Association. Its purpose is to systemize the conceptual framework and business processes of the companies, which render technical customer services. It is also supposed to create a unified approach to the activities in the area of specialization, scope of services and its sequence, arrangement of within implementation work accomplishment of an investment and construction project, application and usage of regulatory acts and relevant experience.

Requirements of the Standard are compulsory for the accredited members of NOTECH Association



WHY DO WE NEED THE VOLUNTARY STANDARD?





Association Solutions

PURPOSE OF THE STANDARD

The Standard ensures unified approaches to arrangement of its services among members of NOTECH Association, which guarantees to the construction client quality of technical customer services.

SCOPE

Construction investor / client, financial and insurance companies can use the Standard to select and clarify technical customer roles and responsibilities within implementation of an investment and construction project, as well as to identify construction risks.



STRUCTURE OF THE VOLUNTARY STANDARD OF TECHNICAL CUSTOMER ACTIVITIES



- General provisions and scope
- 2. Terms and definitions
 - 2.1. Abbreviations
- 3. **Legal framework** of technical customer activities
- **4. General workflow** of the technical customer within ICP lifecycle
- Role of the technical customer and main business models (NOTECH classification)
- 6. Workflow management of the technical customer
- Responsibilities of the technical customer within ICP implementation stages
 - 7.1. Pre-design stage of ICP implementation
 - 7.1.1. Standard business processes of the technical customer within pre-design stage
 - 7.1.2. Standard construction risks within predesign stage
 - 7.2. Design & survey stage of ICP implementation
 - 7.2.1. Standard business process of the technical customer within design & survey stage
 - 7.2.2. Standard construction risks within design & survey stage

- 7.3. Construction & installation stage of ICP implementation
 - 7.3.1. Facility placement into operation
 - 7.3.2. Standard construction risks within construction & installation works
- 8. Results of technical customer activities within ICP lifecycle
- 9. Appendices
 - 9.1. Recommendations on how to make and implement a contract for technical services
 - 9.2. Recommendations on how to arrange the process of as-built documents preparation, approval and handover
 - 9.3. Recommendations on how to implement digital functions of the technical customer
 - 9.4. Recommendations on how to create the system of construction risks management
 - 9.5. Standard set of documents required to obtain construction permit
 - 9.6. Standard set of documents required to obtain statement of compliance
 - 9.7. Standard set of documents required to obtain permit for facility placement into operation



Technical Customer Role in the ICP Lifecycle



Customer

Technical

5



PRE-DESIGN (pre-investment stage)



DESIGN & SURVEY WORKS

TO CONSTRUCTION & INSTALLATION WORKS (construction, placement into operation)

- Feasibility study (market analysis)
- Project concept (financial, technical, architectural, urban planning)
- Preliminary budget
- Preliminary project schedule
- Solution to launch the project project passport

- Development of functional task
- Bidding procedures in order to select contractors for pre-design stage: consultants, architectures, surveyors, etc.
- Assistance in development of design concept and input documents
- Assistance in obtaining preliminary specifications
- Analysis of project risks and restrictions
- Development of preliminary budget, estimation of resources and financial strategy
- Control over approval and acceptance of design concept
- Estimation of terms, development of preliminary schedule
- Recommendations regarding consistent contractual strategy

- Survey results
- Approved project design documents and cost estimates approved by expert review service
- Approved operation budget
- Approved project structure
- Approved baseline schedule of the project
- Development of technical assignments, preparation and execution of tenders for survey and design works
- Assistance / obtaining planning and building permits
- Design management (coordination. control over technical solutions and deadlines)
- Acceptance of project design documents
- Ensuring approval of project design documents by expert review service and concerned companies
- Tender to select a contractor for early works
- Development of operation budget for the project followed by obtaining client's approval: cost control over following budget limits by the design company
- Development of the main project schedule
- Tender to select a contractor for survey and design works

- Available result construction of the facility is completed, placement into operation performed
- Quantities and qualities confirmed
- Finalized archives of as-built and handover documents
- Available digital passport of the facility (optional)
- Preparation and execution of tenders to select general construction contractor, dedicated contractors and vendors
- Assistance in development of detailed design, review and approval
- Clarification and control of project schedule and budget (control over terms and cost)
- Construction supervision (control over quality of works and materials, control
- HSE control within works implementation
- Construction risks management and mediation between all project involved parties
- Arrangement of data exchange system, digital support (optional)
- Cooperation with supervisory authorities
- Obtaining statement of compliance and permit for facility placement into operation
- Handover of as-built documents set to the operation team
- Preparation of punch lists and control over their proper follow-up
- Handover to the state if working with state-owned facilities
- Control over fulfilment of obligations by construction involved parties within warranty period (optional)
- Development of training programs for the operating companies (optional)



ТЕХНИЧЕСКИХ ЗАКАЗЧИКОВ

Note: This flowchart is indicative. It illustrates the most common practices of using technical customer functional duties in different stages of projects implementation. The flowchart is not exhaustive and it does not describe all possible scenarios and ways of projects implementation.

NATIONAL

ASSOCIATION





LEADERS TRUST US

















































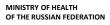




































Е ОБЪЕДИНЕНИЕ

Управление строительством в России. Общероссийское совещание: развитие институт технического заказчика







WE DEVELOP INTERNATIONAL BUSINESS COOPERATION IN THE AREA OF CONSTRUCTION ENGINEERING



NATIONAL ASSOCIATION OF TECHNICAL CUSTOMERS AND OTHER ENGINEERING AND CONSTRUCTION MANAGEMENT ORGANIZATIONS (NOTECH)

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