



AB PANEVĖŽIO STATYBOS TREŠTAS
THE DESIGN DEPARTMENT
PST PROJECTS

THE DESIGN DEPARTMENT



2001

Design department
established



2000000

Annual turnover



38

Highly qualified
employees

DEPARTMENT PROVIDES THE FOLLOWING SERVICES



Pre-design
offer preparation



Analysis of current
structural state



Building information
modeling (BIM)



Process design
for construction



Construction
technical
supervision

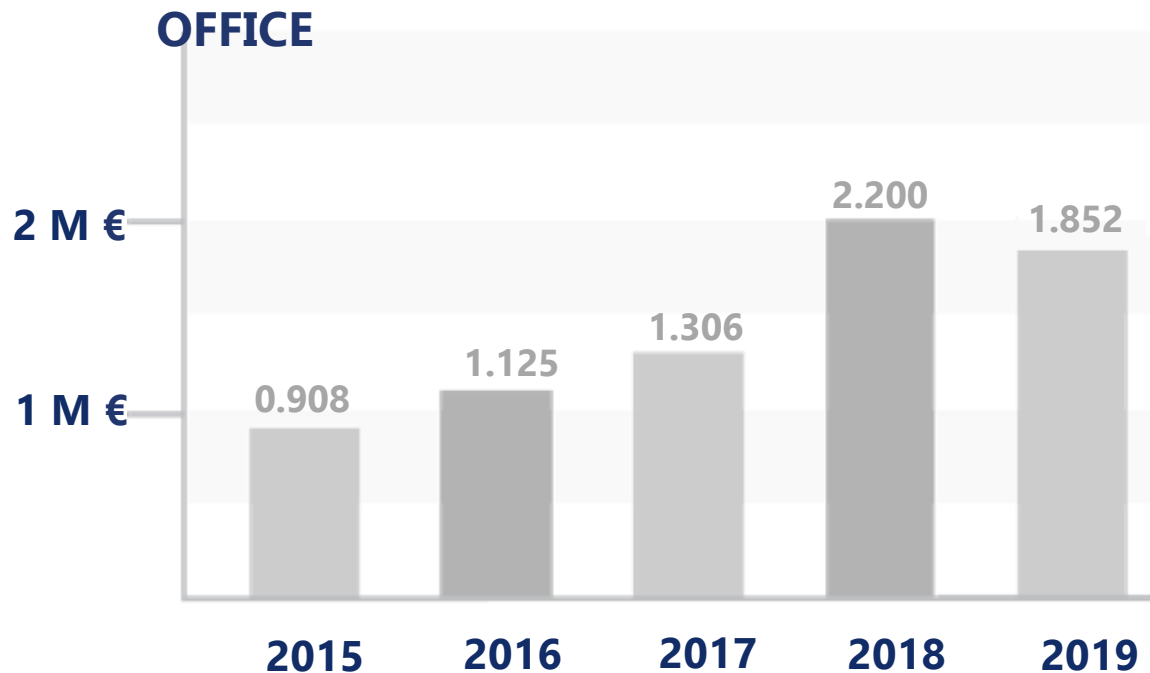


Certification of
energy
performance
of buildings

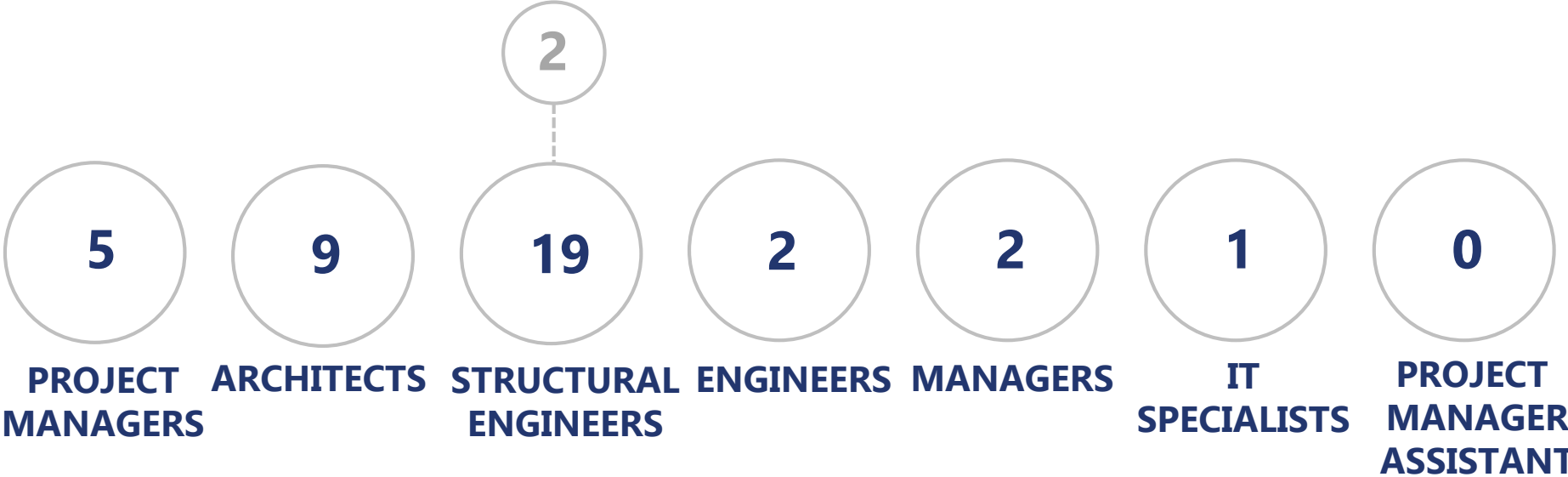


Preparation of
technical
and detailed design
for
a building, detailed
shop drawings

ANNUAL TURNOVER OF PROJECT MANAGEMENT



OUR DESIGN TEAM
NEW
THIS YEAR



OUR DESIGN TEAM ADVANTAGES



3D design – BIM project

Qualification of employees

Experience and flexibility

Organization skills

WE COMMUNICATE VIA BITRIX24

Document management

Online file storage, file sharing and document management

Email

Turn your emails into tasks, calendar events or discussions with a click

Social intranet

Intranet and private social network in one

User groups

Unlimited workgroups and user groups for your entire organization

Calendars

Private, shared and group calendars with scheduler and invitations

HR System

Human resources management system and HR tools



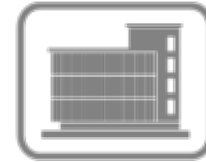
OUR PROJECTS



Industrial



Public



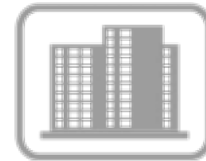
Commercial



Infrastructure



**Culture
Heritage**



Residential

SOME OF OUR SUCCESSFULLY IMPLEMENTED PROJECTS

- **Malsena AB**, starch (2220 m²) and noodle production premises (8000 m²);
- **Pieno žvaigždės AB**, storage facilities (3000 m²) and cheese slicing premises (2500 m²);
- **ADAX UAB**, fabrication building (12000 m²);
- **Schmitz Cargobull Baltic UAB**, building extensions (2200 m², 6000 m², 3400 m²);
- **Waste Water Treatment Facilities** in Lithuania (Kėdainiai, Rokiškis, Panevėžys, Tauragė) and Russia (Sovetsk and Chernyakhovsky);
- **Multifunctional Sports Arena** in Lithuania (22000 m²);
- **Amilina AB**, fabrication buildings;
- **Hospital in Sovetsk**, Russia (25000 m²);
- **Fitsout**, industrial and storage facilities (20 260 m²);
- **JMJ Baltic**, industrial and storage facilities (6 700 m²);
- **UAB „Rifas“**, industrial and storage facilities (5 000 m²);
- **Vilkyškių pieninė**, industrial and storage facilities (Height 35 m.)
- **Elmoris**, industrial building (26000 m²);

WORKING PROJECTS



SHOPPING AND LEISURE CENTRE MEGA IN KAUNAS

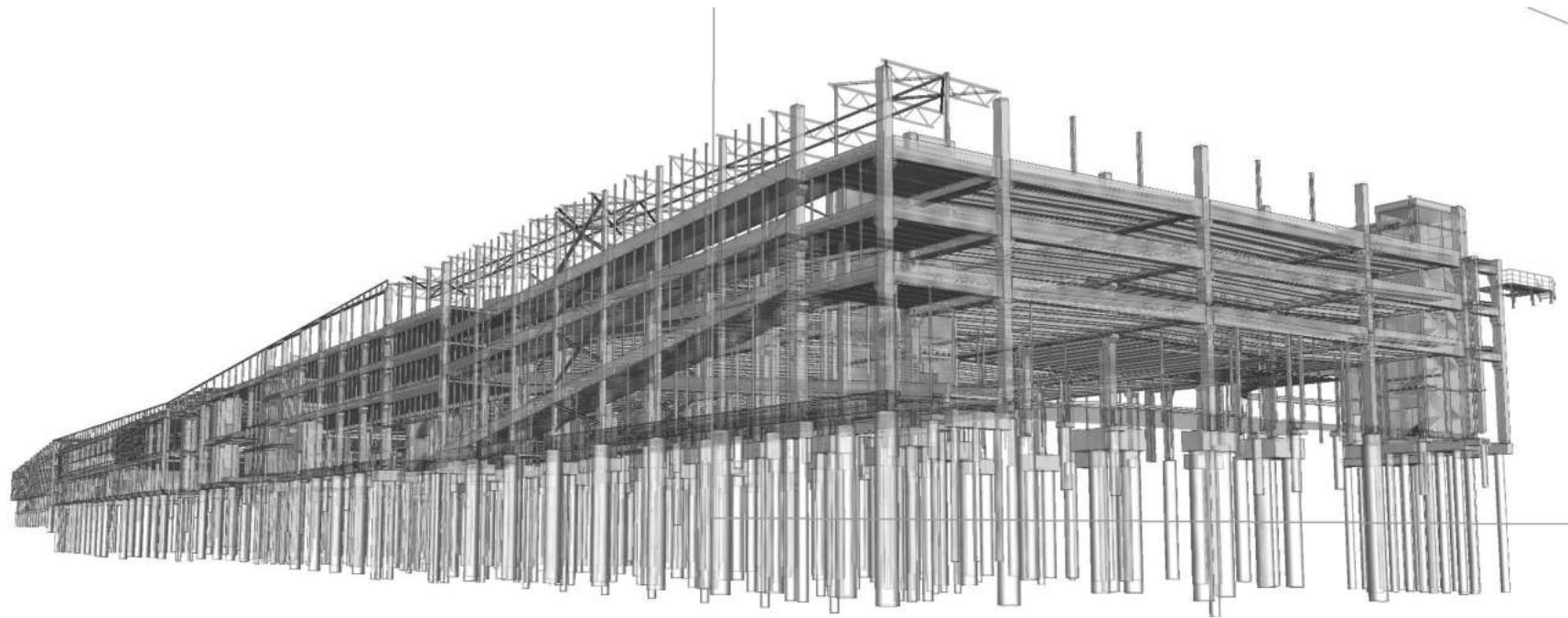
Author: Rolandas Palekas architects study, architect Saulius Mikštas

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SHOPPING AND LEISURE CENTRE MEGA IN KAUNAS

Author: Rolandas Palekas architects study, architect Saulius Mikštas



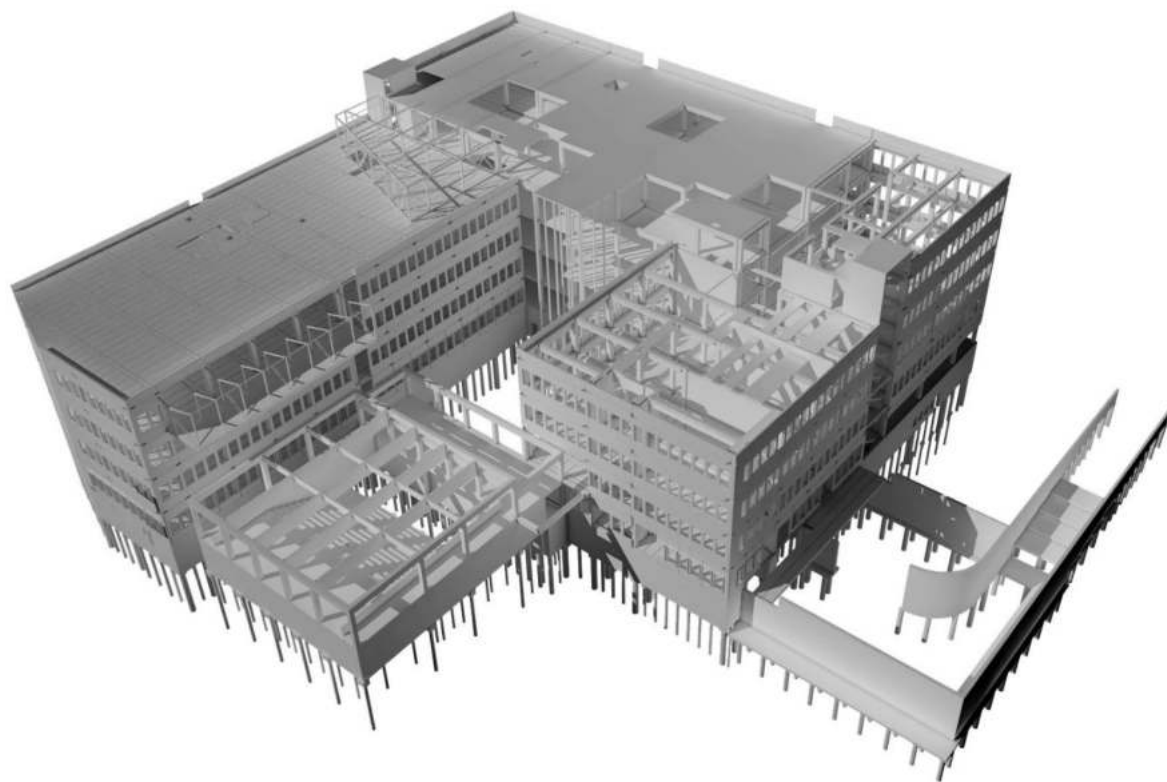
CONSTRUCTIONS OF SHOPPING CENTRE MEGA IN KAUNAS



JOINT CENTRE OF LIFE SCIENCES IN VILNIUS

Area: 24 000 m². Author: arch. G. Čaikauskas, M. Šejnickis, V. Venckūnienė, V. Raugala





CONSTRUCTIONS OF JOINT CENTRE OF LIFE SCIENCES IN VILNIUS

Area: 24 000 m²



KLAIPĖDA COUNTY POLICE HEADQUARTERS

Author: COWI Lithuania. Area: 16 200 m²

PST



SPORT AREA IN ŠIAULIAI Area: 18 723 m²

Authors: Eugenijus Miliūnas, Gintaras Balčytis, Algimantas Bublys, Algimantas Černiauskas, Linas Tuleikis

PST 



Author: St V. Klimavičius

RESIDENTIAL PROJECTS IN TAIKOS PR. 141, KLAIPĖDA

Author: V. Klimavičius

PST



RESIDENTIAL AND COMMERCIAL COMPLEX EDRIJA IN PANEVĖŽYS

PST 



SPORT AREA IN PANA VĖŽYS

Author: Saulius Mikštas. Area: 23 477 m²

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TECHNICAL AND WORKING PROJECTS



MULTY-STOREY RESIDENTIAL HOUSE – ALPHYDDAN, BROMA, SWEDEN

Area: 12 000 m².

PST

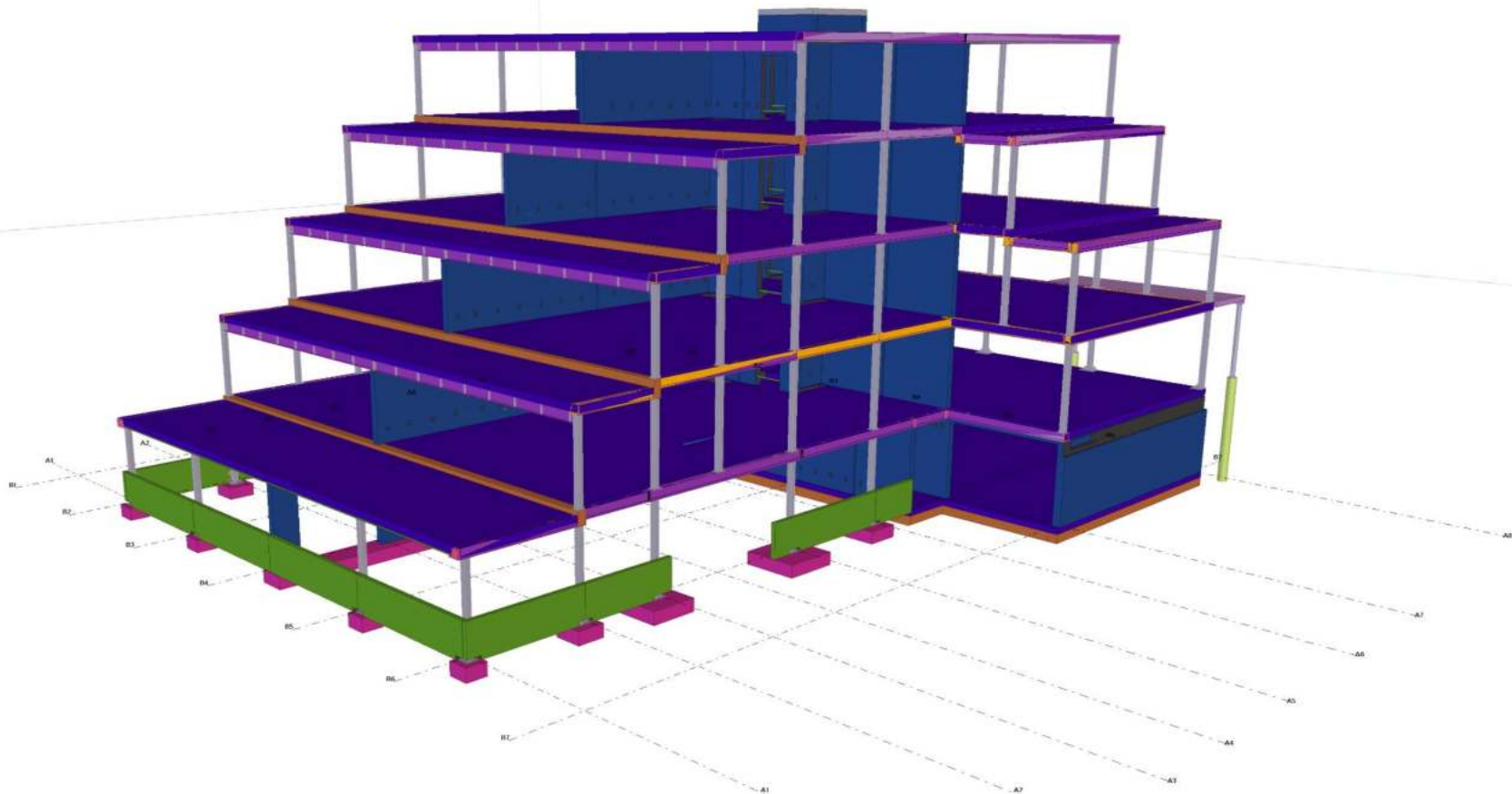


MULTY-STOREY RESIDENTIAL HOUSE – ALPHYDDAN, BROMA, SWEDEN

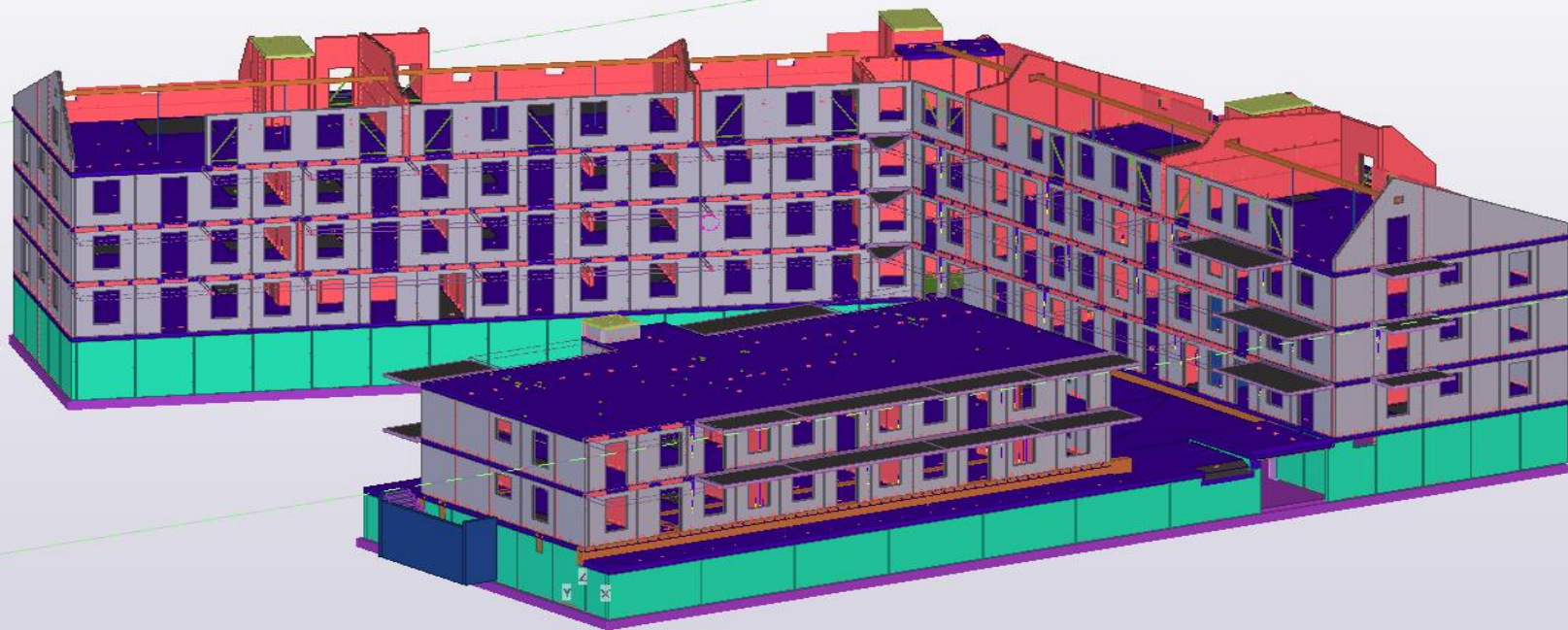
Area: 12 000 m².



TOLLARE-VERANDE, SALTSJO-BOO, SWEDEN
Area: 1400 m².



TOLLARE-VERANDE, SALTSJO-BOO, SWEDEN
Area: 1400 m².



MULTY-STOREY RESIDENTIAL HOUSE – THE GARDEN, DANDERYD, SWEDEN
Area: 5500 m².



MULTY-STOREY RESIDENTIAL HOUSE – THE GARDEN, DANDERYD, SWEDEN
Area: 5500 m².



MULTY-STOREY RESIDENTIAL HOUSE, KALININGRAD, RUSSIAN FEDERATION

Area: 16200 m².



OFFICE BUILDING „U219” IN VILNIUS

Area: 23 000 m². Authors: Jovilė Porvaneckaitė, Antanas Dagelis, Adomas Žindulis, Andrius Vilčinskas, Simonas Čalnaras, Gabrielė Nešukaitytė

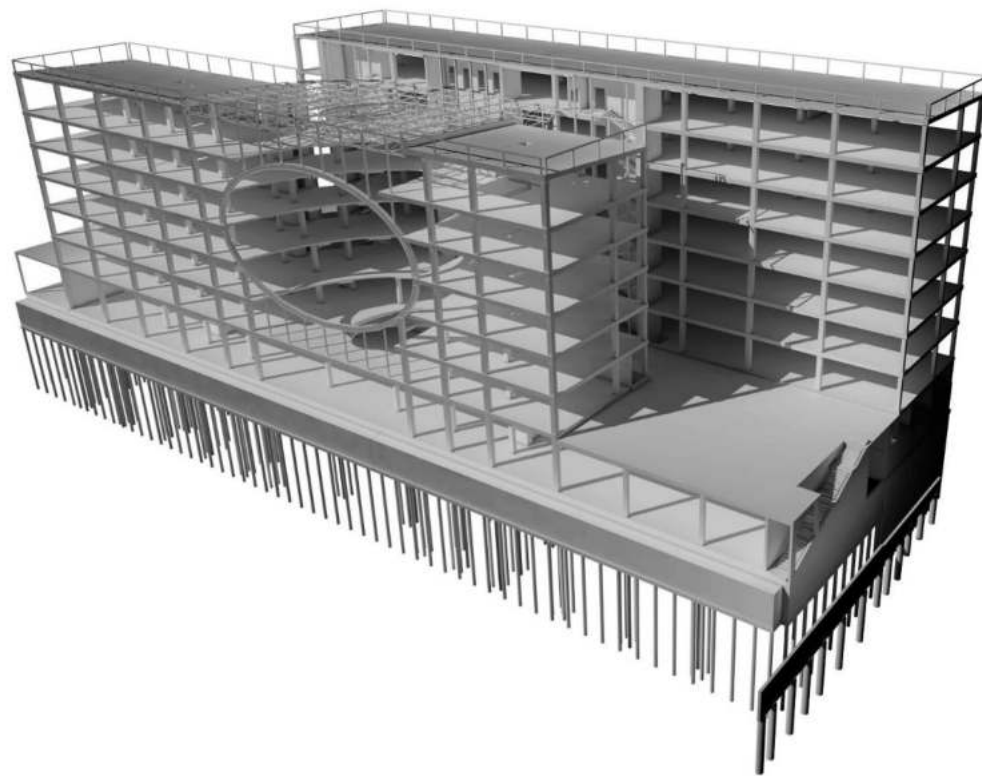
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OFFICE BUILDING „U219” IN VILNIUS

Area: 23 000 m². Authors: Jovilė Porvaneckaitė, Antanas Dagelis, Adomas Žindulis, Andrius Vilčinskas, Simonas Čalnaras, Gabrielė Nešukaitytė

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CONSTRUCTIONS OF OFFICE BUILDING „U219“ IN VILNIUS

Area: 23 000 m²

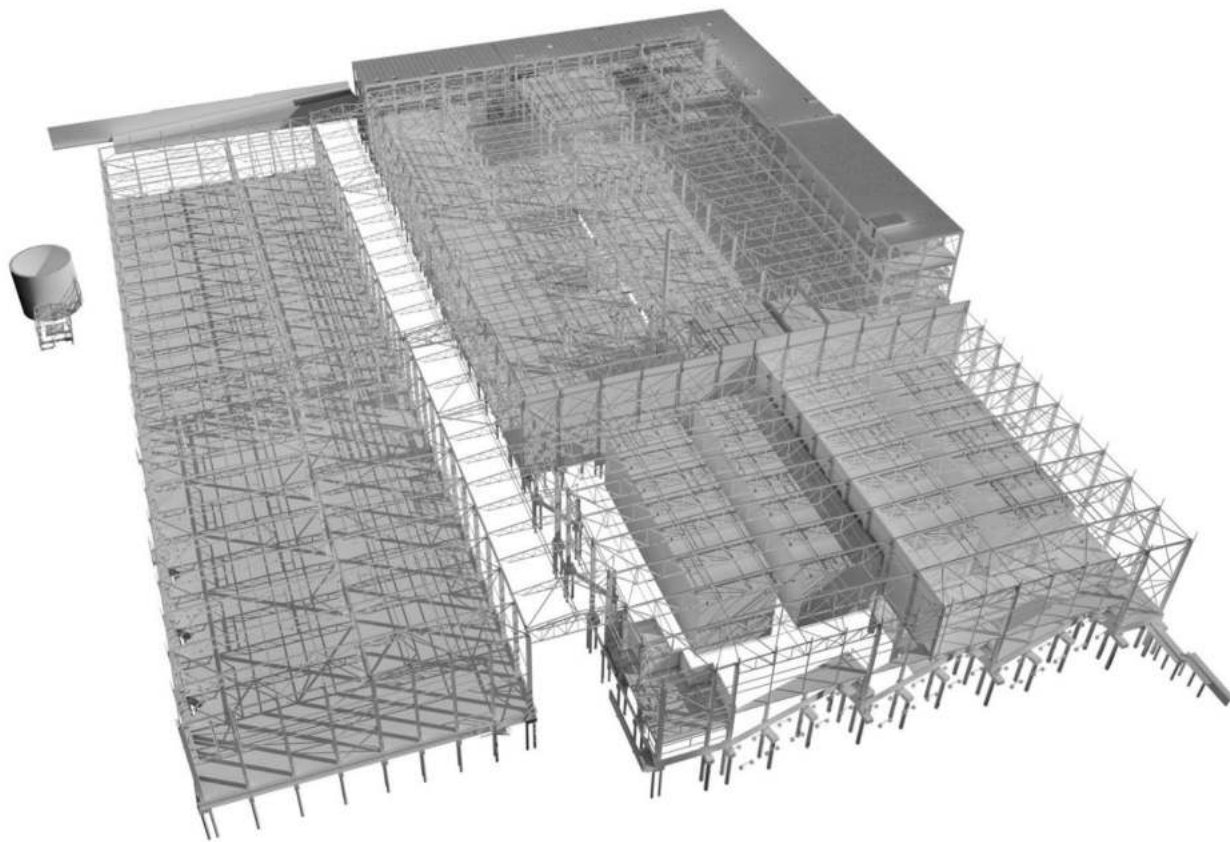
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BUILDING PROCESS OF „U219” IN VILNIUS
Area: 23 000 m²



INDUSTRIAL BUILDING „ELMORIS“ IN VILNIUS
Area: 26 000 m²



CONSTRUCTIONS OF INDUSTRIAL BUILDING „ELMORIS” IN VILNIUS

Area: 26 000 m²

PST 



BUILDING PROCESS OF „ELMORIS” IN VILNIUS
Area: 26 000 m²



SWIMMING POOL IN LAZDYNAI, VILNIUS
Area: 11 000 m²



PARK IN PANEVĖŽYS

Area: 400 000 m²





PARK IN PANEVĖŽYS
Area: 400 000 m²



FURNITURE FACTORY IN KĖDAINIAI
Area: 6 700 m²



**INDUSTRIAL PURPOSE BUILDING SITE WITH ADMINISTRATIVE AND STORAGE PREMISES
IN PANEVĖŽYS. AREA: 111 000 m²**

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ОПЕЖЕ

HEALTH AND SPORTS CLUB IN KALININGRAD





SOVETSK HOSPITAL.
AREA: 24 000 m²



JSC „PIENO ŽVAGŽDĖS“ INDUSTRIAL BUILDING EXPANSION

PST



LT „AMILINA“ PRODUCTION BUILDINGS IN PANEVĖŽYS



LT „AMILINA“ PRODUCTION BUILDING IN PANEVĖŽYS
Author: UAB "JAS"



SHMITZ CARGOBULL BALTIC INDUSTRIAL BUILDING IN PANEVĖŽYS
Area: 3400 m²



COMMERCIAL-INDUSTRIAL BUILDING WITH PREMISES IN PANEVĖŽYS



KINDERGARTEN IN BAJORAI, VILNIUS

Area: 3 260 m²

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WHY BIM?

**Detailed,
precision and
quality of
projects**

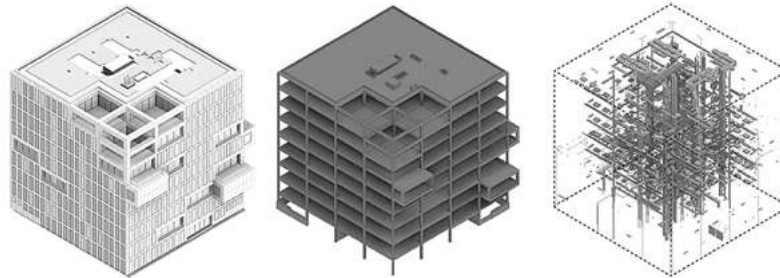
Elimination
of mistakes

Better work
coordination

Better
distribution of
work

**Better team
work on the
same model**

**Better
communication**



WHY BIM?



FOR VISUAL INFORMATION



FOR COORDINATION



PRECISION AND QUALITY



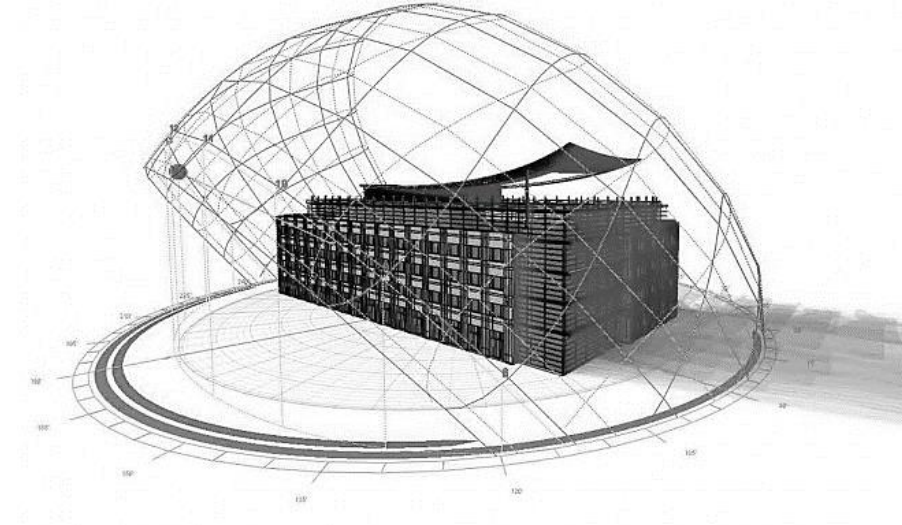
EXACT QUANTITIES



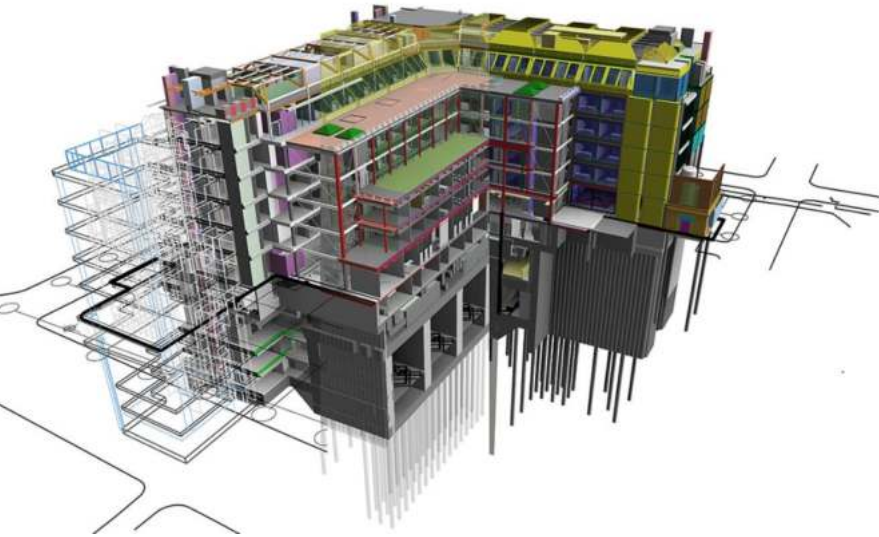
ENERGY ANALYSIS



**MODEL FOR BUILDING
MAINTENANCE**



BIM IN CONSTRUCTIONS



FOR VISUAL INFORMATION



4D PLANNING



FOR COORDINATION



QUANTITY TAKE OFF



INSTALATION OF MEP



FOR FABRICATION

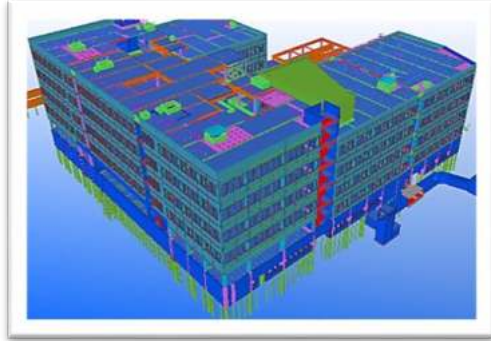


CIP REINFORCEMENT

WORKFLOW OF BIM

While working remotely everyone gets the latest information on central model

**BIM
SERVER**



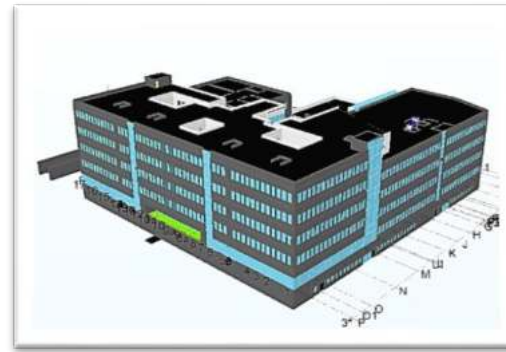
STRUCTURAL MODEL



CONSTRUCTION SITE



MODELS OF MEP



ARCHITECTURAL MODEL



BENEFITS

- Better communication
- Less mistakes on-site
- Quicker work
- Information accesability



LEARNED LESSONS

- Preparation before start
- Software compatibility (IFC import/export)
- BIM subcontractors
- Strict rules for models and modeling

FUTURE PLANS



Integration with measuring devices

Model based planning and scheduling (4D)

Model based materials orders and purchasing

Integrated calculation of the price (5D)

OUR ACHIEVEMENTS



WORKING ON PROJECTS



Author: Rolandas Palekas architects study

FURNITURE FACTORY
„SBA BALDAI“
KLAIPĖDA, LITHUANIA
60 000 m²



FABRICATION BUILDINGS
„AMILINA AB“
PANEVĖŽYS, LITHUANIA



Thank you for attention!

Sales representative
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2020