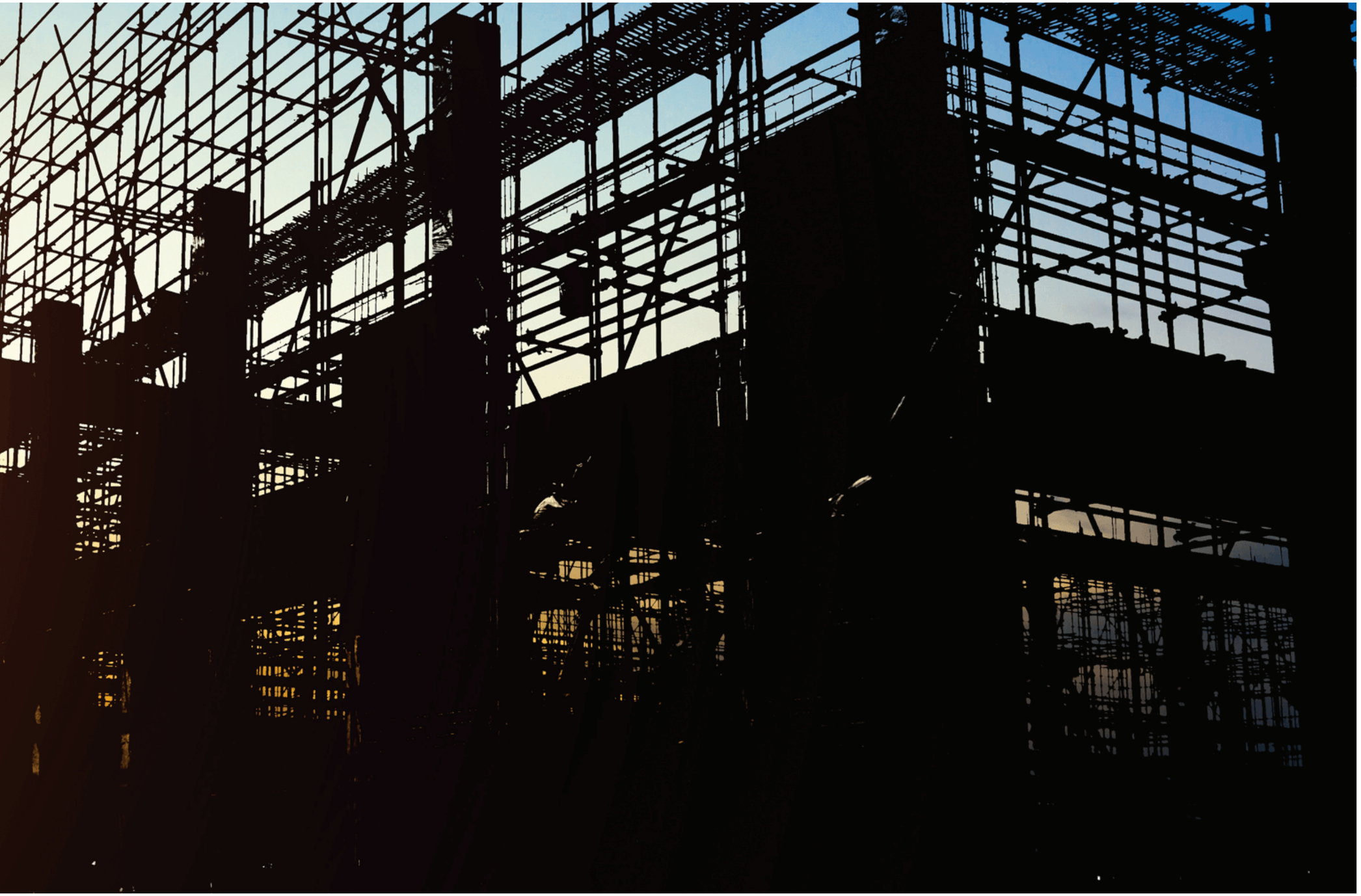

PSI
TECHNOLOGY
www.slipform.hu
BUILDING FOR THE FUTURE



BUILDING FOR THE FUTURE

WHY CHOOSE US?

- professionalism
- experience
- rapidity
- reliability
- know-how

We offer general contracting services with high standards, at affordable costs. We implement precise, full-scale work, with a long-term perspective.

Our company's colleagues are highly qualified engineers and economists, who have many decades of professional experience as both investors and contractors. With their supervision our company can ensure that structures and buildings constructed under our contracting services and with our expertise, the maximum satisfaction of our clients and partners can be guaranteed.

INTRODUCTION

PSI Technology Ltd. was established in 2010 as a construction sector wholesaler – a field in which the founders of the Company have already had decades of professional experience and international relationship capital. It has become the aim of the Company to build a solid, stable point for our clients, despite uncertainty prevalent in the construction industry, provided in return for the confidence entrusted in our Company.

Increasingly close cooperation with our clients during the past years has been crowned by the expansion of our portfolio, after joining our main partners and entering the construction contracting sector – in both general and specialist fields. Backed by the experience and dedication of our highly qualified experts and professionals, who have decades of experience, and relying on our continuous developments we strive to meet professional challenges as specialists in slipforming technology.

VISION & MISSION

Our vision:

To become the leading company implementing slipform construction technology not only in Central Europe, but eventually Europe-wide as well.

Our mission:

To build a reputable Company through innovation, partnerships, effective delivery, and collaboration - as well as by continuously training our dedicated experts and developing our technology to overcome professional challenges and to set industry standards.

THE SLIPFORMING METHOD

Slipforming is a method of construction in which concrete is poured into a continuously moving formwork. While the concrete is being poured, the formwork raises vertically at a low speed, which allows the concrete to harden and stand safely unsupported. Depending on the type of structure and different weather conditions, the sliding speed can reach 4-8 meters per 24-hour cycle. Slipforming technology is generally capable of operating between 5˚C – 30˚C; however, using a special protective environment, this temperature range can be extended.

Slipforming is the most economical solution for the construction of tall structures (i.e. those reaching 5 floors and higher) – such as multi-compartment silos, bridge pillars, towers, cylindrical gas-stacks, chimneys, etc., as this is the fastest method for building vertical reinforced concrete structures.

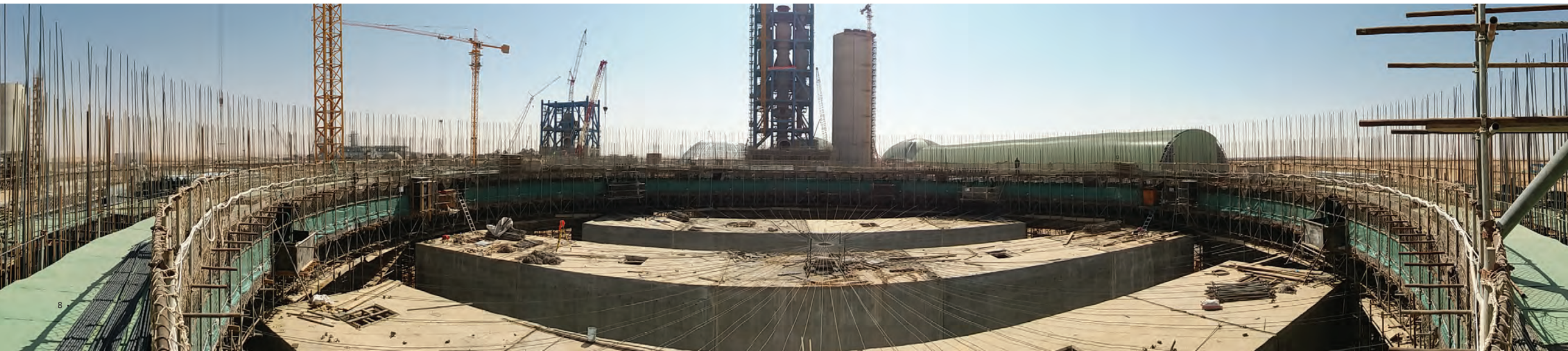
SLIPFORMING TECHNOLOGY

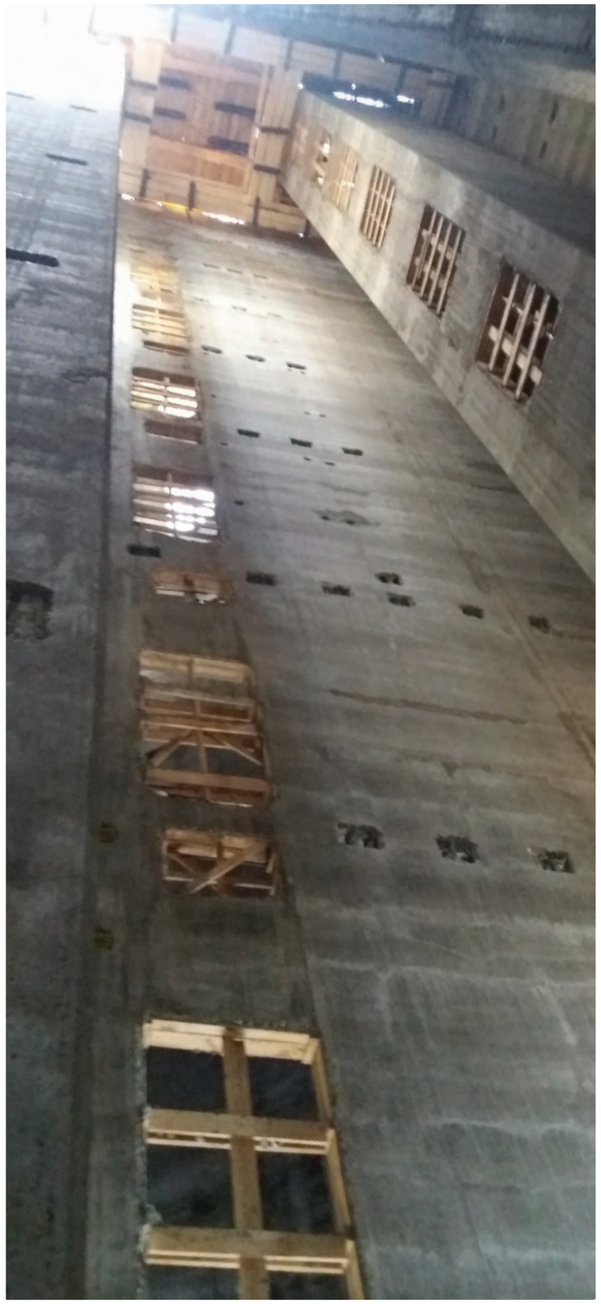
Among the types of structures most commonly constructed using slipforming techniques are:

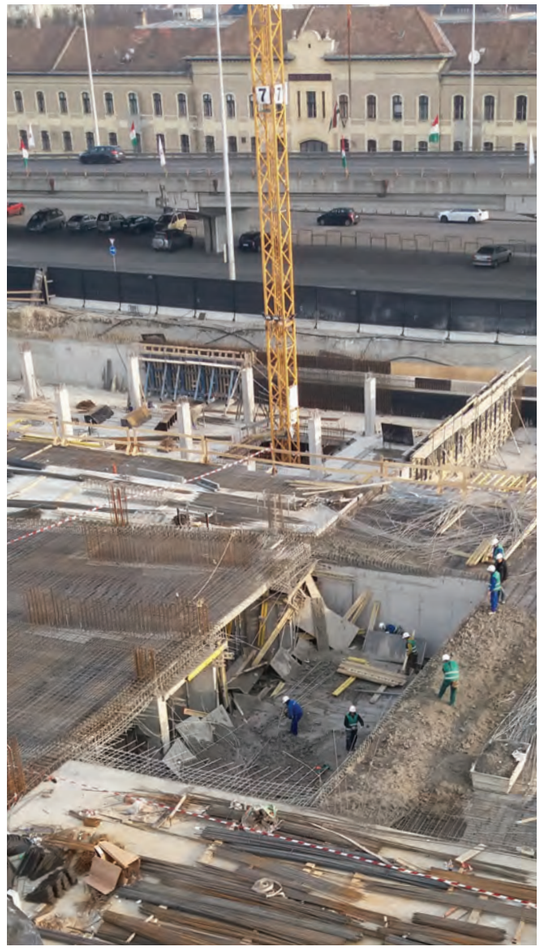
- Service cores for buildings
- Lift shafts and staircases
- Silos
- Chimneys
- Concrete gravity structures, such as oil platforms
- Bridge pillars, piers
- Liquid containment vessels

ADVANTAGES

- Slipforming is capable of achieving high production rates
- Slipforming can build rectangular, oval, circular, and conical structures
- Crane usage is minimized
- Slipforming requires minimal scaffolding and temporary works, therefore, the construction site is much safer
- The exposed concrete can be finished at the bottom of the rising formwork
- Slipform systems require a small, but nonetheless skilled workforce on site
- Tapering structures with wall reductions can be achieved







BUDAPEST

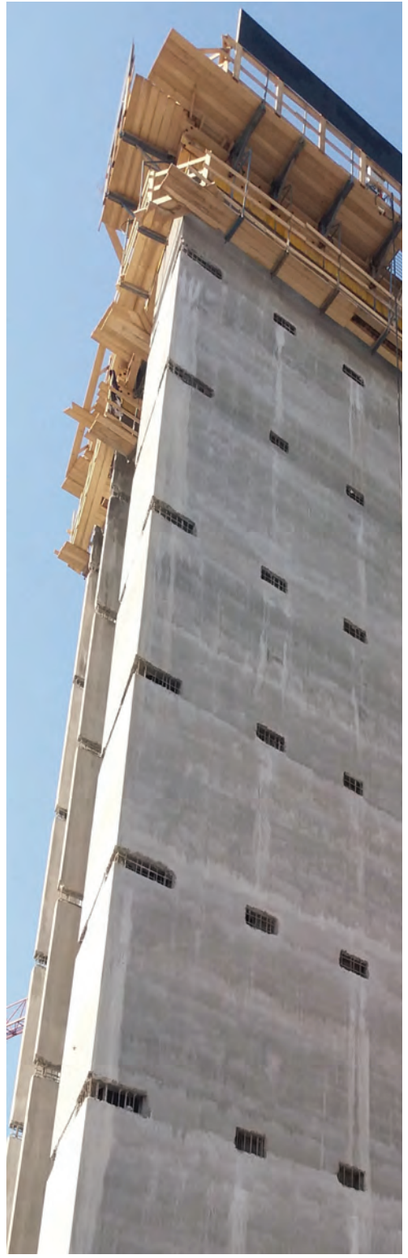
OFFICE BUILDING COMMUNICATION SYSTEM AND LIFT SHAFTS

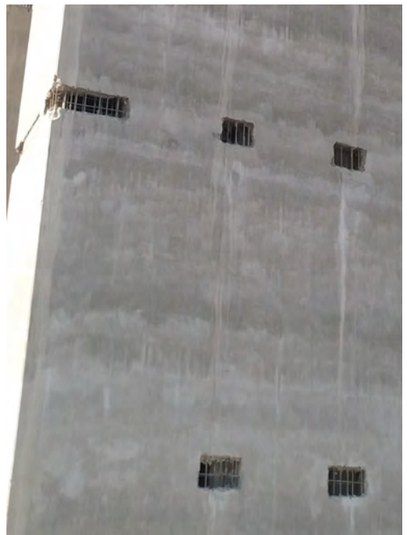
Year: 2017

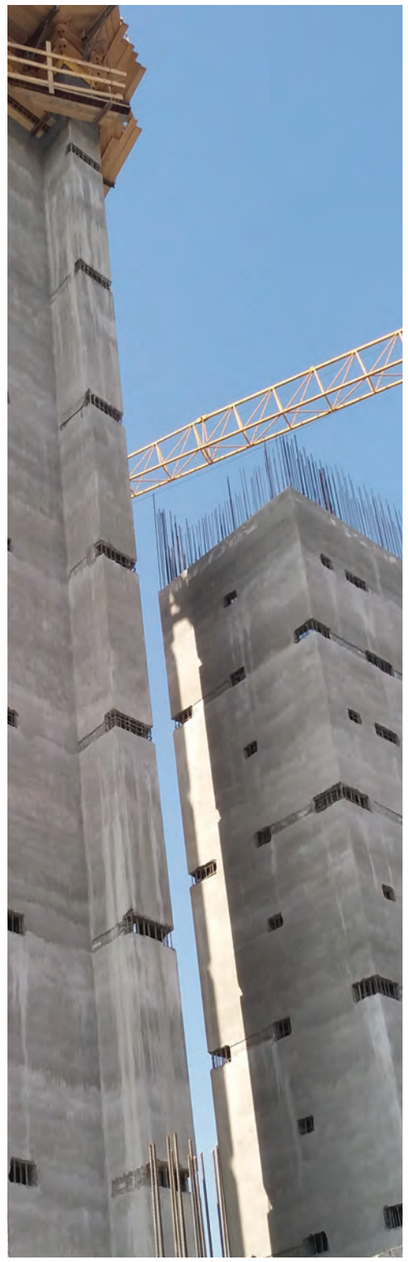
Client: Moratus Ltd.

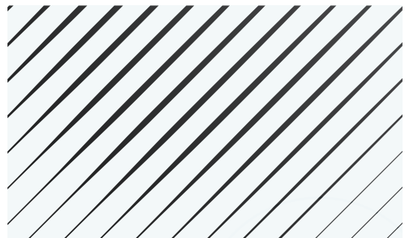
Dimensions:
Height: 35.5 m
Total surface area constructed by slipforming: 13,700 m2

The project consisted of structural construction of six office building communication system and elevators shafts.









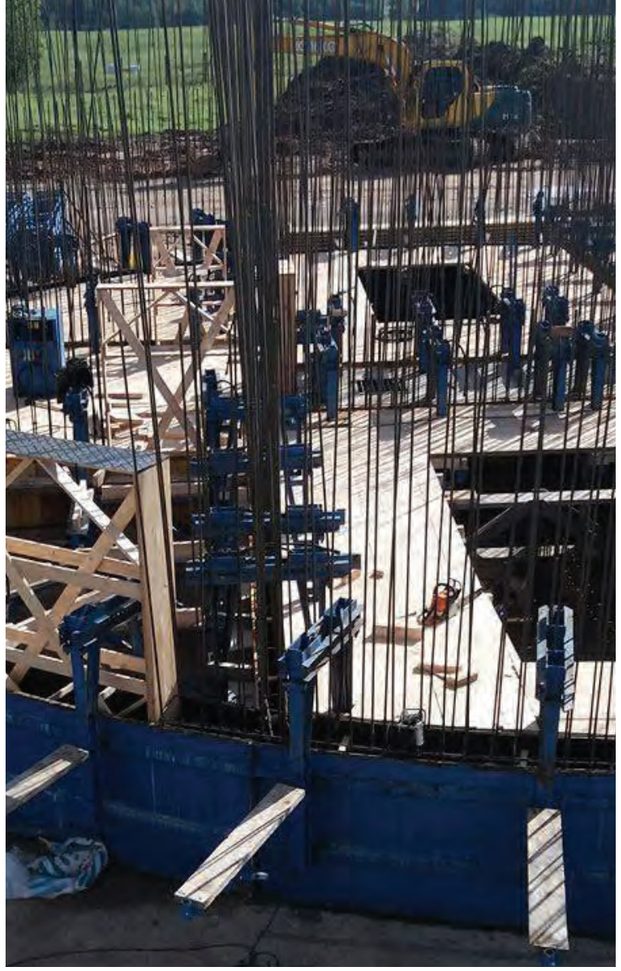
MILITARY RADAR TOWER

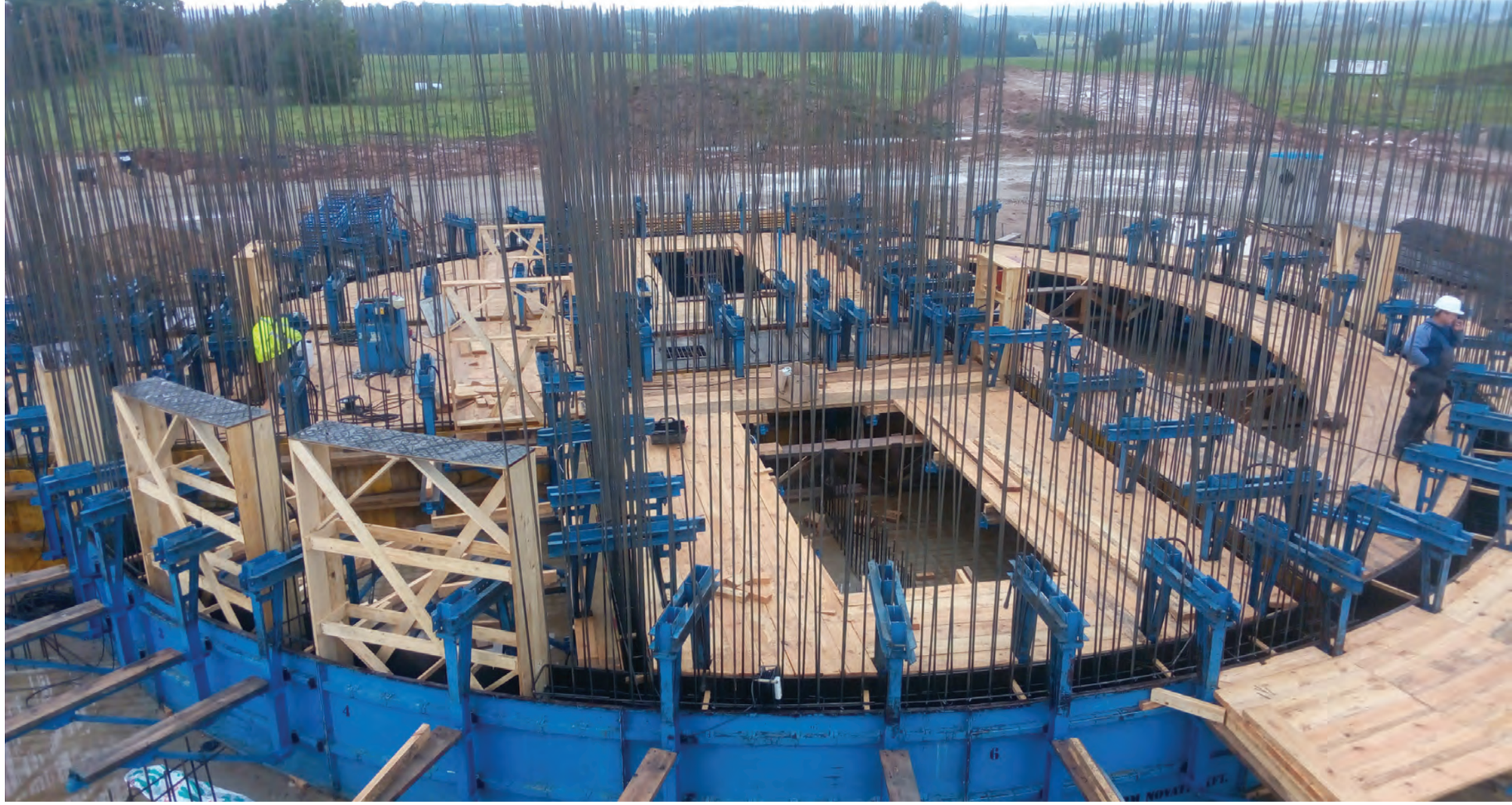
Structural construction of 3D military radar tower in Lithuania.

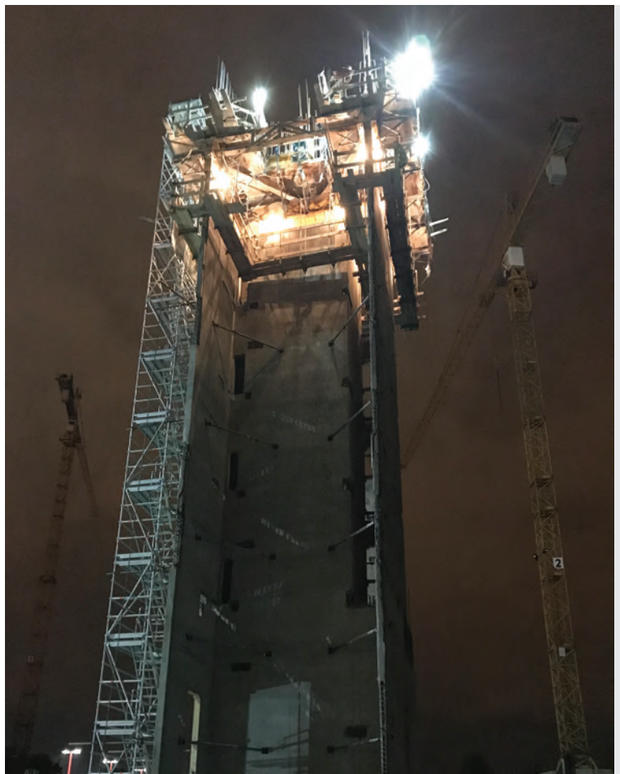
Year: 2017

Client: LitCon UAB

Dimensions: Height: 37.2 m; Total surface area constructed by slipforming: 8,450 m2







BUDAPART

REAL ESTATE DEVELOPMENT PROJECT

Budapart residential property, Budapest (Hungary). Structural construction of four communication system and lift shafts.

Year: 2017

Client: Moratus Ltd.

Dimensions:
Height: varying from 29 m to 33.5 m, each

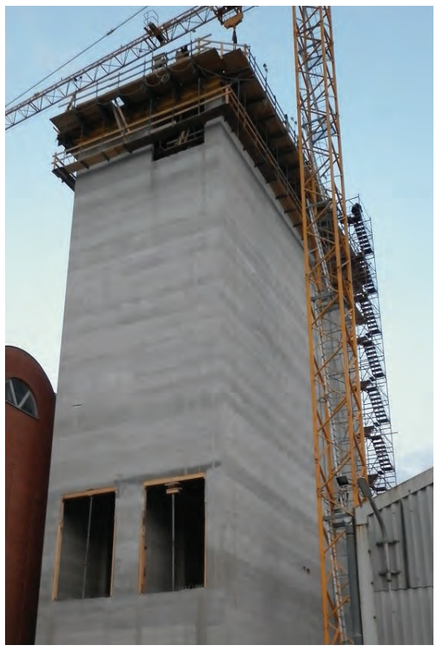
Total surface area constructed by slipforming: 7,100 m2

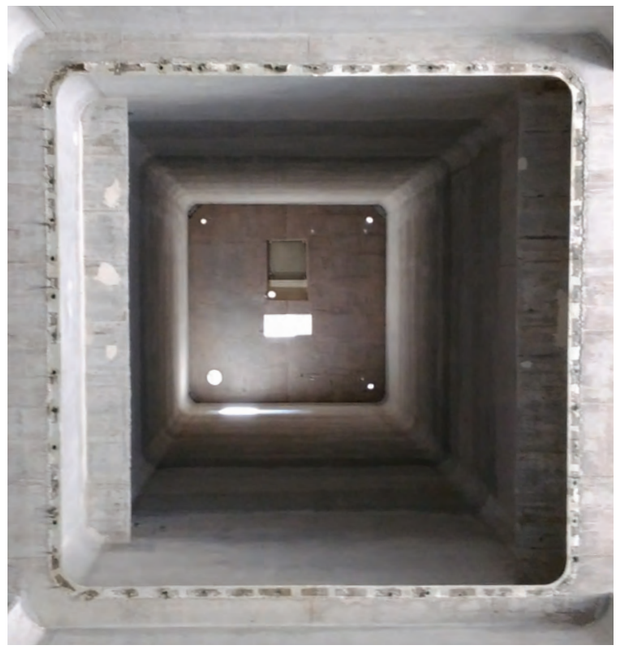
BUDAPEST
SPORTS CLUB
STAIRWELL SHAFT

Structural construction of two stairwell shafts in Budapest.
Year: 2017
Client: Moratus Ltd.
Dimensions: Height: 16 m, each;
Total surface area constructed by slipforming: 2,150 m2

SZEGED MILL EXPANSION (SILO)

Year: 2016, Client: Szatmári Malom Ltd. / Készenlét PLC
Dimensions: Height: 33.2 m; Total surface area constructed by slipforming: 6,670 m2
Structural construction of reinforced concrete flour silo, cells, slabs (floors), and stairwell shaft.





K18 RESIDENTIAL PROPERTY

Residential complex with 53 flats, Keszkenő St. in District XIII, Budapest, Hungary.
Investor: FUNDAWELL Ingatlanhasznosító Ltd.
Project launched in Q3 2017, planned completion: Q2 2019

PSI TECHNOLOGY

- - - BUILDING FOR THE FUTURE - - -

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