



Providing consulting services in civil engineering
for over 75 years

IGH is the leading consulting company in the field of civil engineering in the Republic of Croatia and the region.

We offer a wide range of engineering and consulting services enabling us to provide comprehensive support to our clients in development of large-scale infrastructure and investment projects.



History

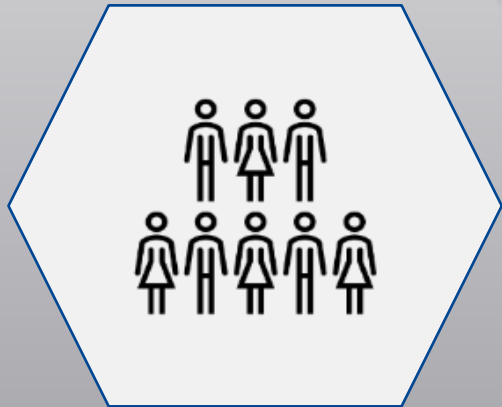


IGH was founded as a Civil Engineering Laboratory in 1949 and has over time become one of the largest regional engineering companies.

IGH has been providing consulting services in design, supervision, project management and laboratory testing for majority of infrastructure projects in Croatia and some of the major infrastructure projects in the region.



400 Employees



120

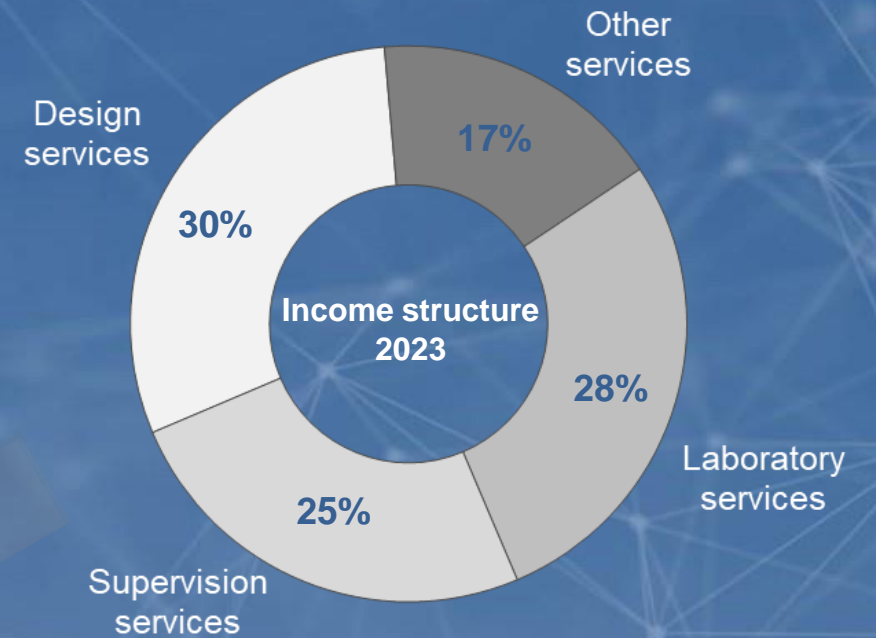
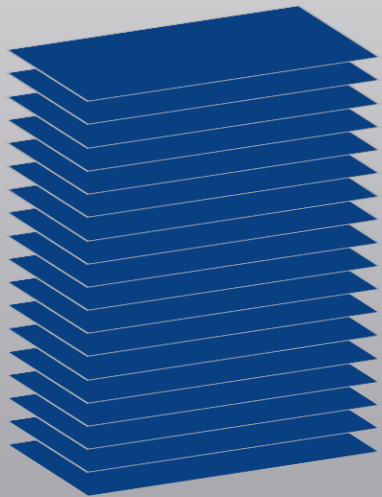
New contracts in 2023

19.8

MEUR value of new contracts in 2023

INCOME in 2023
(MEUR)

25.1



Our Sectors



Roads



Engineering Structures



Ports

IGH provides services in a number of sectors relevant for today's society. We are dedicated to providing innovative approach and new technologies in infrastructure, being one of the cornerstones of modern civilization.

Our references are testimony of our competences and confirm our position as market leader in the region.



Airports



Railways



Energy & Industry



Ecology & Environmental Protection

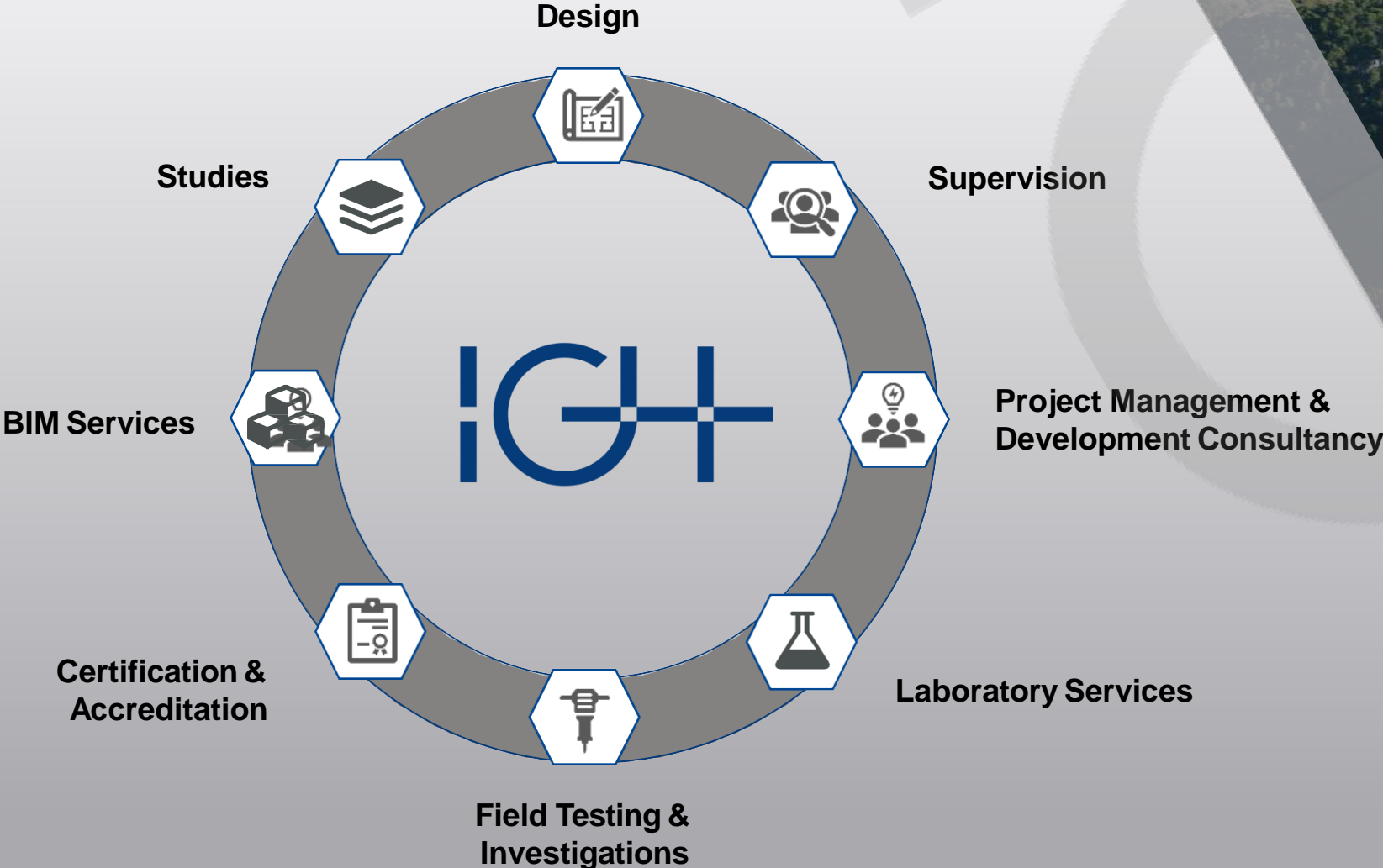


Water Engineering



Building Construction

Our Services



Our Markets



Croatia
(head office in Zagreb)



Italy



Armenia
(branch office in Yerevan)



Egypt



Georgia
(branch office in Tbilisi)



Montenegro



Bosnia and Herzegovina
(branch office in Mostar)



Romania



Kosovo
(branch office in Pristina)



Slovenia



Hungary
(branch office in Szeged)



Serbia



North Macedonia
(branch office in Veles)



Kazakhstan



Albania



Ukraine





Roads & motorways

CROATIAN MOTORWAYS

1997 – 2018

Description: Croatian Motorway Network integrates:

- over 1250 km of motorways
- over 800 bridges
- 80 km of tunnels

The longest tunnels in Croatia are the part of this network and have received the Safest Tunnels Award in Europe in 2007 and 2008.

Services: Survey works, studies and planning documentation, project management and consultancy, design and design review, field investigations, technical supervision (FIDIC Red Book), quality control and laboratory services

Total project value: 6 BEUR



A1 Motorway Zagreb - Split - Dubrovnik

CROATIA  2006 – 2013

Description: Construction of section Ravča - Ploče 1

- total length: 21.1 km
- 6 viaducts
- 2 tunnels
- 5 overpasses
- 2 underpasses

Services: Conceptual, preliminary, main and detailed design,
design supervision

Total project value: 287 MEUR



Motorways in Bosnia & Herzegovina

2007 – ongoing

Description: Construction of motorways on Corridor Vc

- total length of approx. 122 km
- 13 tunnels
- 14 bridges and 27 viaducts
- 8 overpasses and underpasses

Services: Design, supervision

Total project value: 1 BEUR

Tunnel Vijenac

BOSNIA & HERZEGOVINA \ **2010 – 2016**

Description: Construction of twin-tube tunnel Vijenac

- total length: 2,914 m (right tube) and 2,942 m (left tube)
- 2 traffic lanes in each tunnel tube
- 9 emergency pedestrian passages between both tubes
- 2 transverse links for emergency vehicles

Services: Consulting, technical supervision, quality control (FIDIC Red Book)

Total project value: 65 MEUR



State Roads of Georgia

2017 – 2020

Description: Construction, rehabilitation and reconstruction of 4 road sections in total length of approx. 450 km

- Zemo Imareti - Racha
- Baghdati - Abastumani
- Sno - Omalo
- Lentekhi - Mestia

Services: Detailed design

Total project value: 509 MEUR

International & state roads

GEORGIA \ **2017 – 2019**

Description: Maintenance, rehabilitation, reconstruction, modernization and construction of state road network

- total length: 456 km
- 2 lanes
- 71 bridges
- 2 tunnels

Services: Technical supervision

Total project value: 298 MEUR



Motorways in Kosovo

2010 – 2018

Route 6

Description: Construction of motorway Morine - Merdare, sections 1, 2, 3 & 9

- total length of 42 km
- 10 bridges
- 17 overpasses and 12 underpasses

Services: Geotechnical investigation works, preliminary, main and detailed design

Total project value: 283 MEUR

Route 7

Description: Construction of motorway Pristina – Hani I Elezit, sections C1D, C1 and C2

- total length of 47.7 km
- 4 bridges, viaducts
- 13 overpasses and 15 underpasses

Services: Geotechnical investigation works, preliminary, main and detailed design

Total project value: app. 650 MEUR



MOTORWAY IN ALBANIA

2007 – 2011

Description: Construction of motorway Rreshen - Kalimash

- total length: 60 km
- twin-tube tunnel in total length of 5.7 km
- 3 interchanges
- 29 bridges and viaducts in total length of 4.5 km

Services: Technical supervision (FIDIC Red Book), consulting, quality control, surveying works

Total project value: 830 MEUR





Engineering structures

Pelješac Bridge

CROATIA \ 2017 – 2022

Description: Construction of cable-stayed Pelješac bridge connecting the south of Croatia with the rest of state territory

- total length of 2.4 km
- total of 13 spans (largest span 285 m)
- 6 pylons with 98 m in height
- width: 22.5 m

Services: Technical supervision, quality control and control testing

Total project value: 274 MEUR



Drava Bridge

CROATIA \ 2011 – 2019

Description: Construction of cable-stayed Drava bridge

- total length of 2.5 km
- central span: 220 m, lateral spans: 100 m
- pylon height: 75 m
- width: 28.6 m

Services: Design and design review, technical supervision, quality control and laboratory services

Total project value: 115 MEUR



Tunnels Sveti Rok & Mala Kapela

CROATIA \ 2007 – 2009

Description: Construction of twin-tube tunnels on A1 Motorway Zagreb - Split - Dubrovnik

- Tunnel Mala Kapela in total length of 5.8 km (left tunnel tube)
- Tunnel Sveti Rok in total length of 5.7 km (left tunnel tube)

Services: Design, design supervision

Total project value: 105 MEUR



Viaduct & Bridge Drežnik

CROATIA \ 2000 – 2001

Description: Construction of viaduct Drežnik and bridge Drežnik near Karlovac on A1 Motorway Rijeka - Zagreb

- total length of 2.5 km
- 427 drilled RC piles

Services: Supervision

Total project value: 75 MEUR





Railways

Railway Line Škrljevo - Rijeka - Jurdani - Šapjane

CROATIA  2016 – ongoing

Description: Reconstruction of existing track and construction of second track on railway line Škrljevo - Rijeka - Jurdani - Šapjane

- total length of 27.5 km
- maximum speed of 80 km/h
- 3 tunnels
- 3 large viaducts or bridges
- numerous overpasses and underpasses
- 70% of the route passes through the citytissue

Services: Feasibility study, environmental impact assessment, preliminary and main design

Total project value: 360 MEUR



Railway Line Botovo - Zagreb - Rijeka

CROATIA

2008 – 2018

Description: Construction of railway line connecting Croatian border with Port of Rijeka

- total length of 158 km
- speeds of 160-200 km/h for passenger transport and 120 km/h speed for freight transport
- 4 large railway tunnels
- 4 major viaducts

Services: Conceptual, preliminary and detailed design, feasibility study, transport and traffic studies, environmental impact study

Total project value: 4 BEUR



Railway Line Dugo Selo - Križevci

CROATIA 2009 – ongoing

Description: Reconstruction of existing track and construction of second track

- total length of 38.2 km
- 13 bridges
- 11 overpasses and 1 underpass

Services: Preliminary and main designs (2009-2013), detailed and as-built design (2016-ongoing)

Total project value: 167 MEUR

Railway Line Savski Marof - Zagreb West Station

CROATIA 2020 – ongoing

Description: Reconstruction of double railway track

- total length of 17.8 km
- Financed by IBRD.

Services: Technical supervision

Total project value: 49 MEUR





Building construction

Gaženica Ferry Port & Terminal Building

CROATIA \ 2006 – 2017

Description: Construction of Gaženica Ferry Port with terminal building

- Total gross floor area of 24,537 m²
- Traffic areas with roads and parking areas of 10,104 m²
- Landscaped area of the surroundings of 12,773 m²
- 9 domestic ferry terminals
- 3 international ferry terminals
- Cruise home-port terminal 8,031 m²
- Administrations offices 3,116 m²

Financed by EIB and KfW.

Services: Conceptual, preliminary, main and detailed design, tender dossier

Total project value: 220 MEUR



Ruđer Bošković Institute

CROATIA \ 2017 – 2020

Description: Reconstruction and construction of scientific research complex Ruđer Bošković Institute

Services: Consulting, design

Total project value: 72 MEUR



Spaladium Arena

CROATIA \ 2007 – 2009

Description: Construction of multi-functional sports and entertainment hall in Split

Services: Conceptual, preliminary, main and detailed design, project management, technical supervision, cost control

Total project value: 63 MEUR

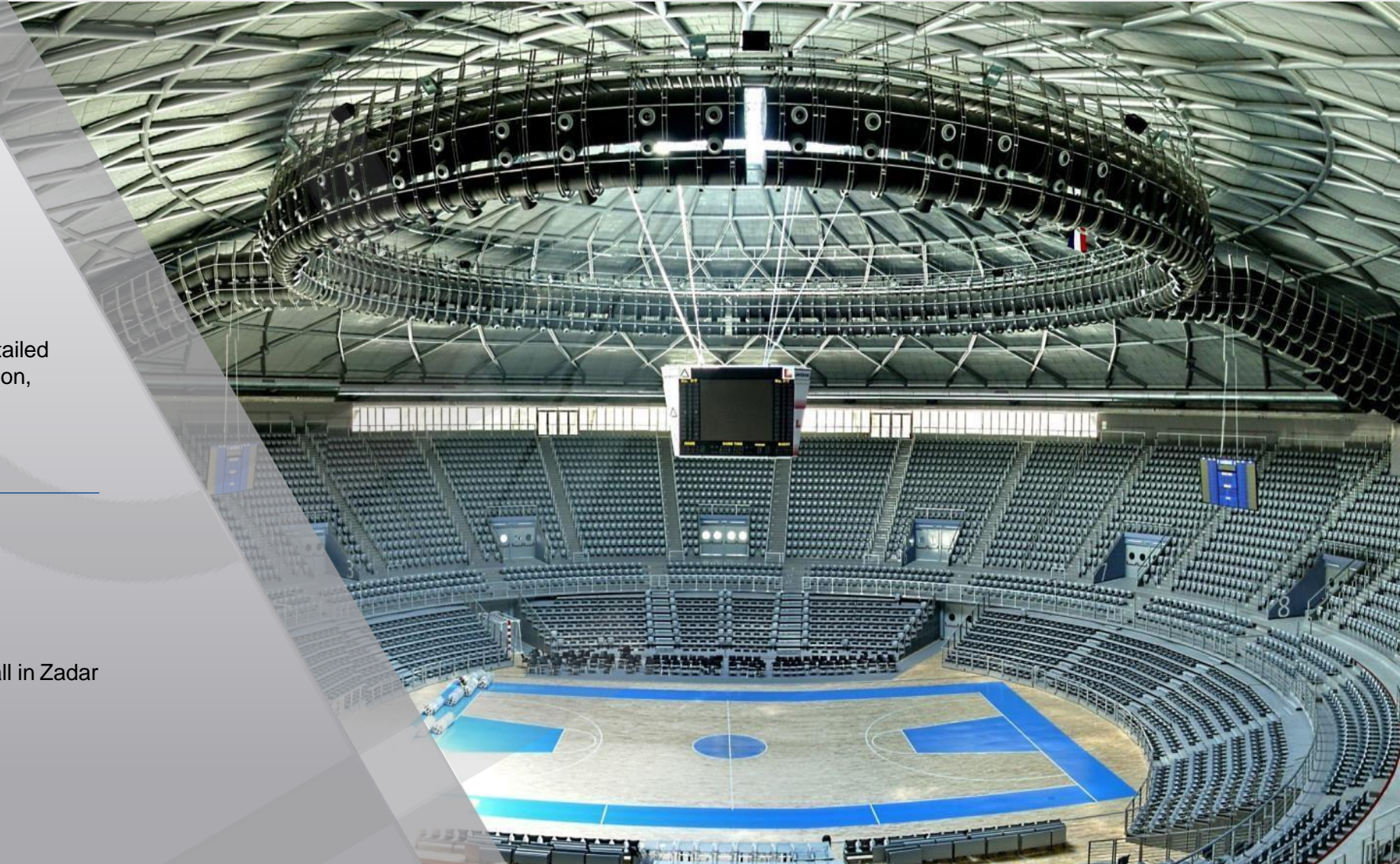
Višnjik Arena

CROATIA \ 2004 – 2008

Description: Construction on multi-functional hall in Zadar

Services: Technical supervision, cost control

Total project value: 91 MEUR





Projects in other sectors

Zagreb International Airport

CROATIA \ 2013 – 2016

Description: Construction of new passenger terminal of International Airport „Franjo Tuđman” in Zagreb

- biggest airport in Croatia
- surface area of 65.000 m²
- capacity: 5 million passengers per year

Services: Preliminary, main and detailed design, project management

Total project value: 236 MEUR



Nuclear Power Plant Krško

SLOVENIA \ 2015 – ongoing

Description: Rehabilitation and protection of concrete structures in NPP Krško

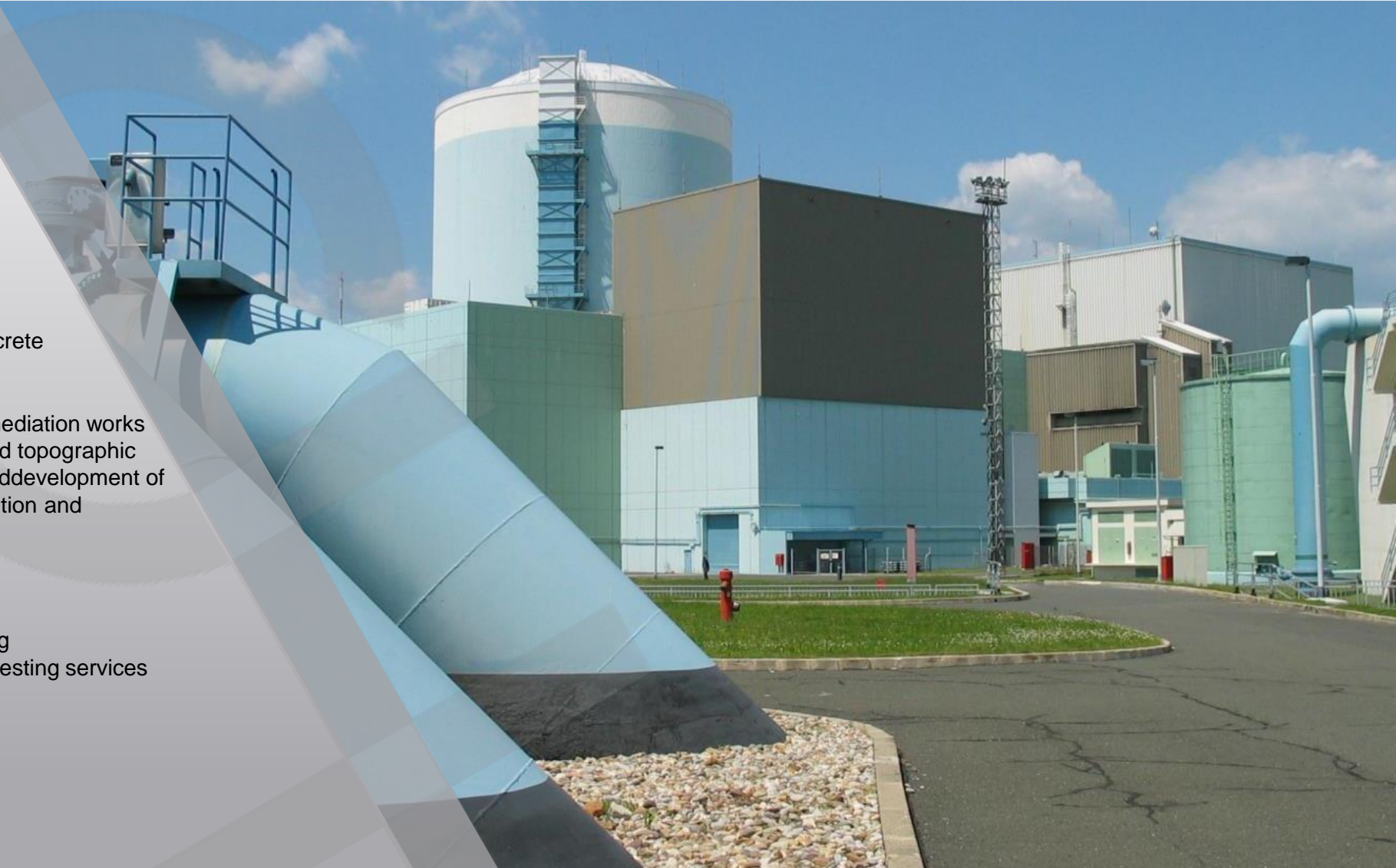
- total capacity: 688 MW

Services: Surveying works and cooling tower remediation works CT2, investigation works, technical supervision and topographic supervision of structures, situation assessment and development of a tower remediation study CT3, inspection of condition and preparation of remediation study CT1

Description:

- Construction of Bunker Building 2
- Construction of Spent Fuel Dry Storage Building

Services: Construction supervision and material testing services



Wind Farm Senj

CROATIA \ 2019 – ongoing

Description: Construction of steel towers and tower foundation

• Total capacity: 39 x 4,0 MW = 156 MW

Services: Supervision

Total project value: 230 MEUR

Wind Energy Consulting

FINLAND, LITHUANIA, KOSOVO, AFGHANISTAN,
UAE, SOUTH AFRICA \ 2020 – ongoing

Description: Master services agreement with one of the leading Original equipment manufacturer

Services: Technical due diligence/new countries compliance assessment



Pliva Pharmaceutical Facility

CROATIA \ 2014 – 2015

Description:

- Cabin for sampling hazardous material
- New reloading ramp
New building of Quality control
- Synthesis SM2 – Upgrade of API Site
- Project „R&D Pilot“

Services: Project management



Port of Gruž Dubrovnik

CROATIA \ 2004 – 2011

Description: Reconstruction and extension of Port of Dubrovnik

- reconstruction of berths 7.8 and 9 with coast length of 327 m
- upgrade of operational shores berths 10-15 for reception of cruisers with length of 646 m
- reconstruction and extension of coastal gauze with length of 183 m

Services: Design and design review, project management, consultancy and technical supervision

Total project value: 28 MEUR



Drainage system and WWTPs Poreč

CROATIA \ 2016 – ongoing

Description: Construction and upgrade of drainage system and construction of 4 WWTPs

- drainage pipeline in total length of 77.8 km
- WWTPs with cumulative capacity of 137.500 PE

Services: Preliminary, main and detailed design

Total project value: 38 MEUR

Zagreb Holding Water & Sewer Investment Project

CROATIA \ 2008 – 2016

Description: Improvement of water and sewer infrastructure for the City of Zagreb

- 16 km water supply pipeline
- 40 km of sewage pipelines
- command building and chlorine station Petruševac
- Water Reservoir Cerje with capacity of 10,000 m³

Project financed by EBRD loan with FIDIC Conditions of Contract.

Services: Project management

Total project value: 40.7 MEUR



Agglomeration Varaždin

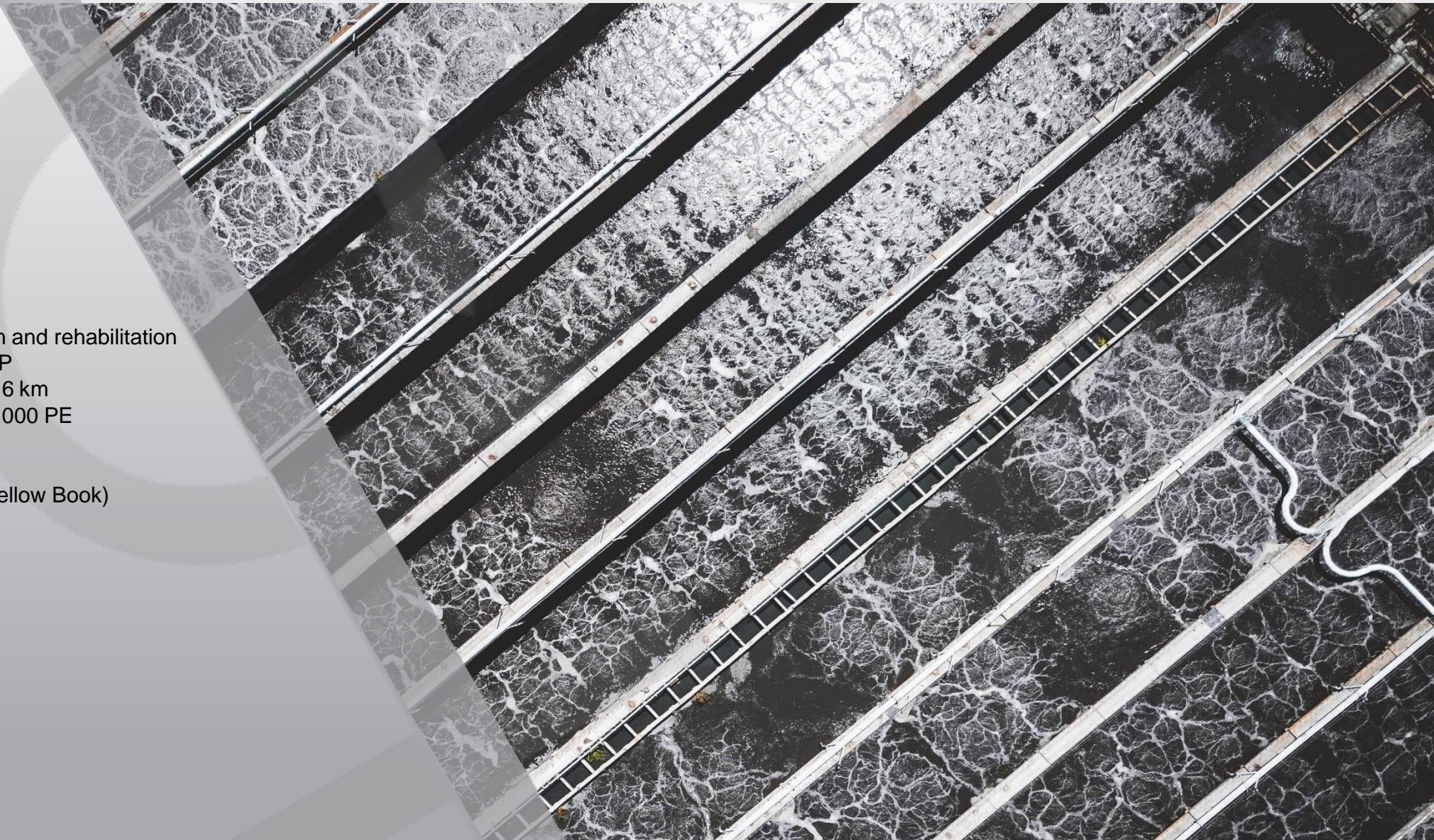
CROATIA \ 2017 – ongoing

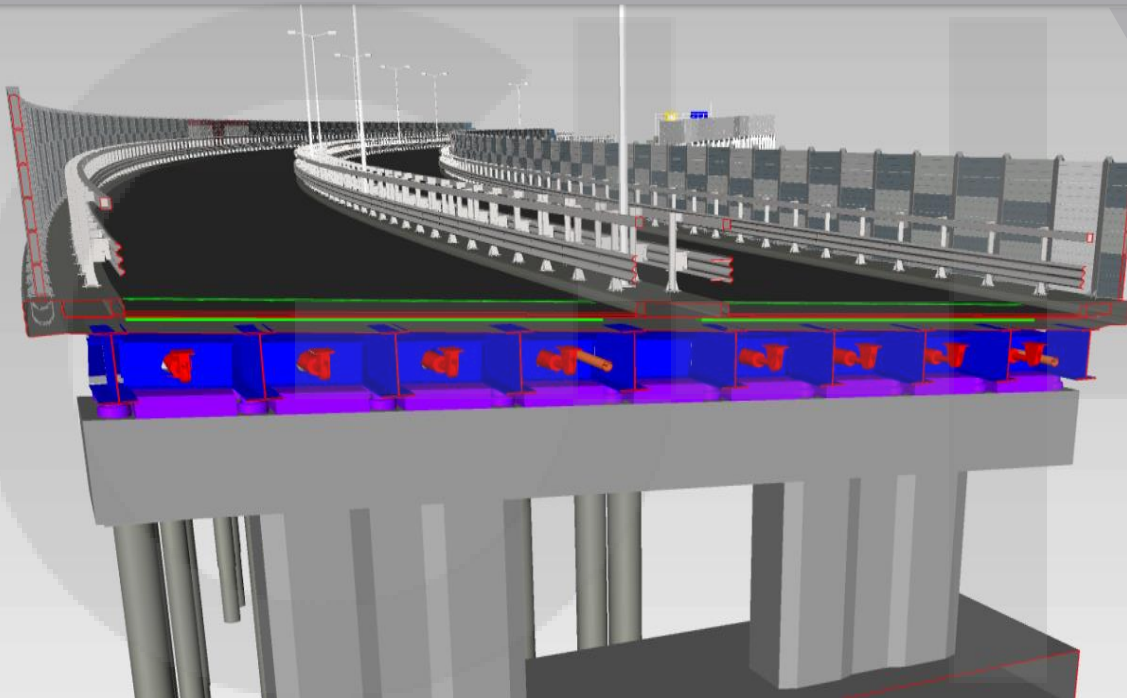
Description: Construction, reconstruction and rehabilitation of drainage system and upgrade of WWTP

- drainage pipelines in total length 282.16 km
 - WWTP with 3rd degree of treatment, 127.000 PE
- Project financed by EU.

Services: Supervision (FIDIC Red and Yellow Book)

Total project value: 120 MEUR





Building information modelling

LASER SCANNING



AERIAL PHOTOGRAPHY



POINT CLOUD & REVIT MODELLING





DESIGN

- BIM design
- 2d to BIM
- Clash detection
- Costs

CONSTRUCTION

- Supervision
- Coordination
- Facility Management
- As built



CONSULTING

- Project Management
- Education
- BIM Implementation
- Visualization





ISO 9001:2015
Quality Management System

ISO 14001:2015
Environmental Management System

ISO 45001:2018
Occupational Health and Safety Management System

ISO 50001:2018
Energy Management System



Partners & clients





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