

The Formwork Experts.

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# Key & Large Scale Projects

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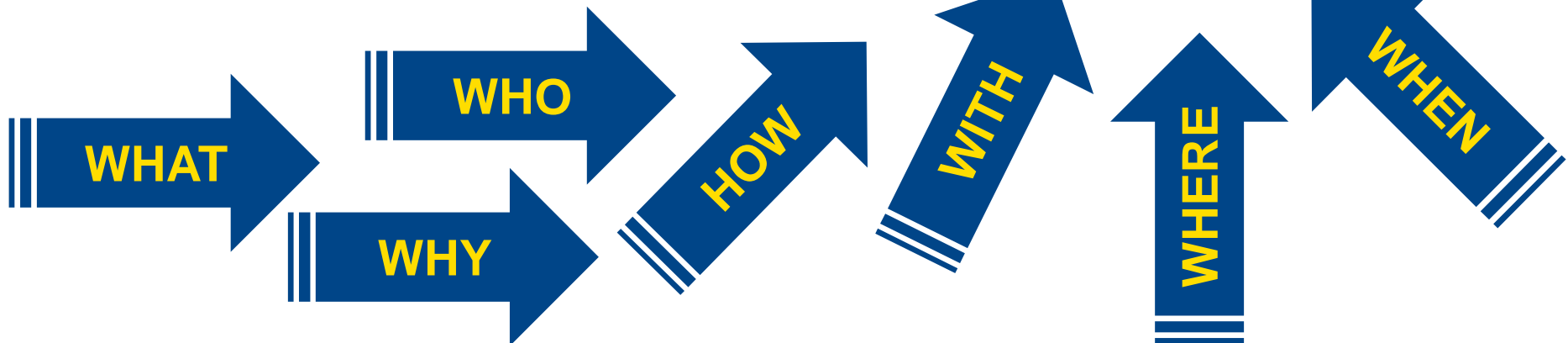
Your partner right from the beginning



You have a project?  
We have the solution  
and are at your disposal.

# UNDERSTANDING your needs & project requirements

- Customer requirements and needs
- Project requirements and needs
- Customer wishes and expectations
- Special requests and challenges
- Specific circumstances
- All conditions (legal, economical, social)
- Continuous adjustments and changes



# How could KLSP Team support you & your project?

*Increasing your & our competitiveness goes hand in hand*

- strengthening and professionalizing relationships
- innovative solutions and optimized products via specialists know how especially for each individual project
- early involvement & influence in early stages of the project



Success in **large scale projects** =  
involvement during the **whole project lifecycle**



# Your benefits

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- All from **one** hand
  - Technically and economically solution for your project
  - Combining the expertise of the Product and Service Competence in one place
  - Extensive international site experience combined with high construction method competence
  - One customized Doka Project Management from the beginning
  - Advise and consulting on all business, technical and logistical issues
  - Internationally responsive
- Support before tender phase
  - Exclusiveness on tender offers
  - Increasing of your competitiveness due to common development & design of products and construction methods during the pre-bidding tender / tender phase
- International Doka presence
  - local Doka organizations worldwide
  - on time delivery
  - be on the spot







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# Sector BRIDGES

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# Understanding how to span bridges

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## The bridge from knowledge to experience

Our capabilities span far and wide. We focus on the formwork-engineering challenges right from the design phase. Even at this early stage, we start contributing our knowledge so that the works can be carried out swiftly, efficiently and economically. We bring much more to the table, still: a solution in form of the right formwork system.



Pylons & piers



# Bridge Construction Methods



Cantilevering



Launching-girder equipment



Arched bridges



Composite bridges



Incremental launching



Shoring towers





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# Sector HIGHRISE

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# Understanding your Highrise Project

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- \_Understanding the construction process truly and being knowledgeable about it is the prerequisite for being a partner to the building sector. We have this understanding from the initial planning stage through to completion of construction.
- \_Understanding such as this is based on 30 years experience in self-climbing technology and more than 700 Highrise projects that were successfully realized worldwide. Construction of the world's tallest building, the Burj Khalifa in Dubai and the 1 km high Kingdom Tower in Saudi Arabia set to surpass it, are but two examples.
- With this comprehensive know-how, we are well-qualified to be your high-performing and reliable partner in High Rise construction.

# References

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Mistral Towers Project, Izmir, Turkey



Crescent Development Project, Baku, Azerbaijan



Abu Dhabi Plaza Project, Kazakhstan





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# Sector TUNNEL & METRO

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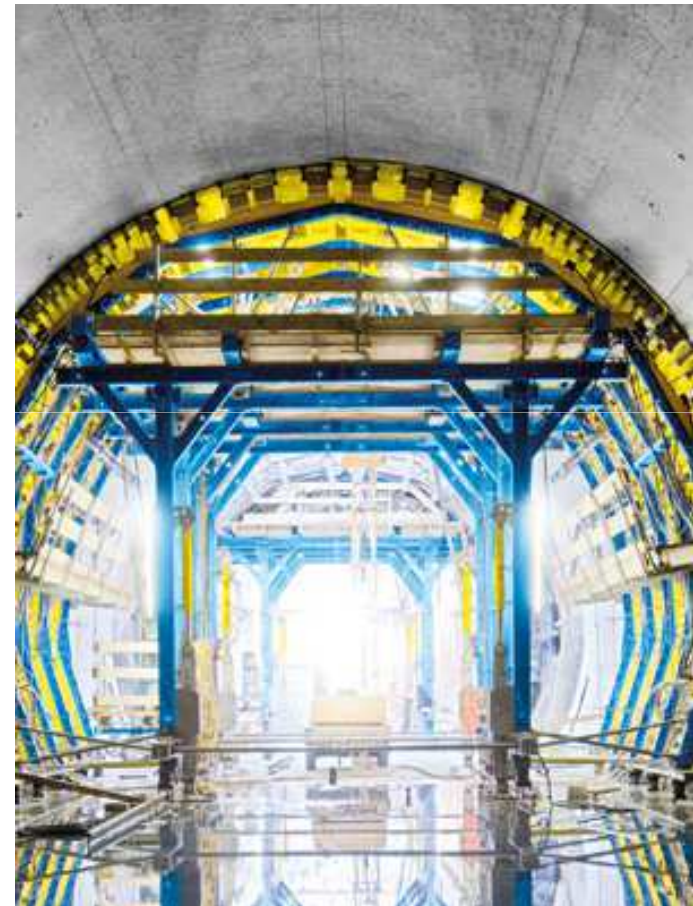


# Understanding complex tunnel projects

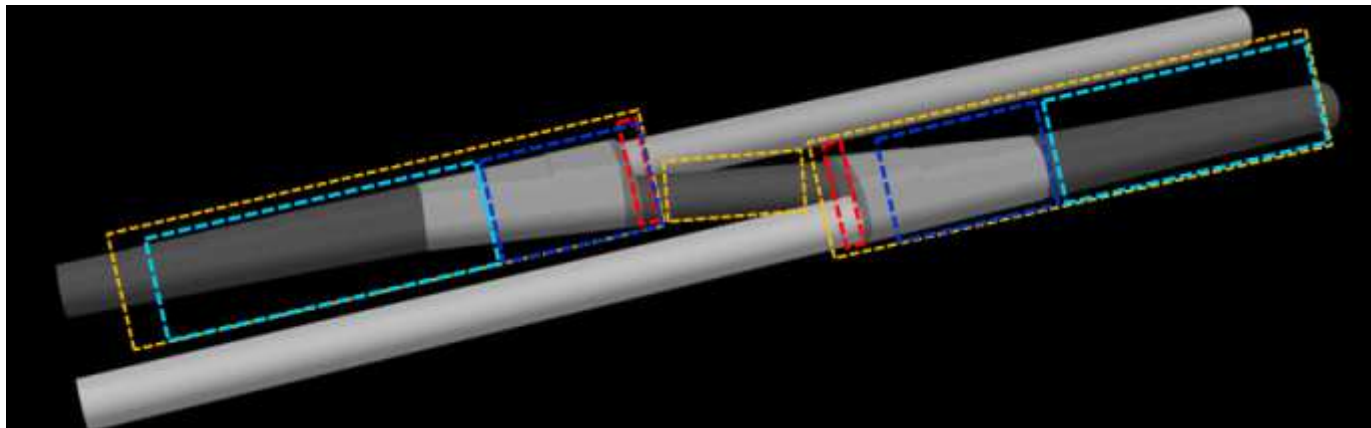
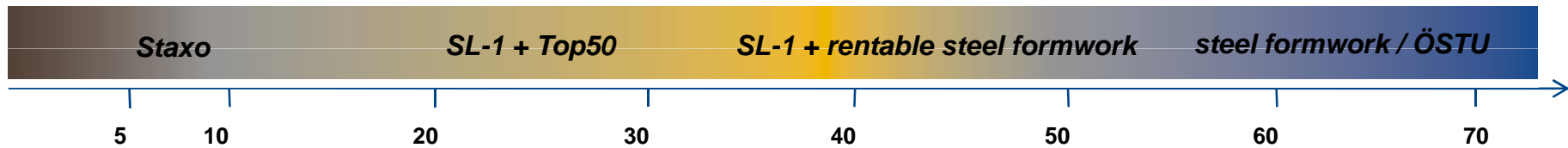
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Understanding such as this is based on our experience from infrastructure projects around the globe. We rely on our flexibility and innovation as the key to success.

With its ability to deliver quality solutions for ever-greater demands placed by the different tunnel-building methods, Doka is a dependable partner for your tunnel project, offering global consulting and hands-on planning- and engineering capabilities: project implementation by specialists.



# Matching Doka solution for any project challenge





# Tunnel construction methods



Cut-and-cover construction



Mining-type (underground) tunnel construction



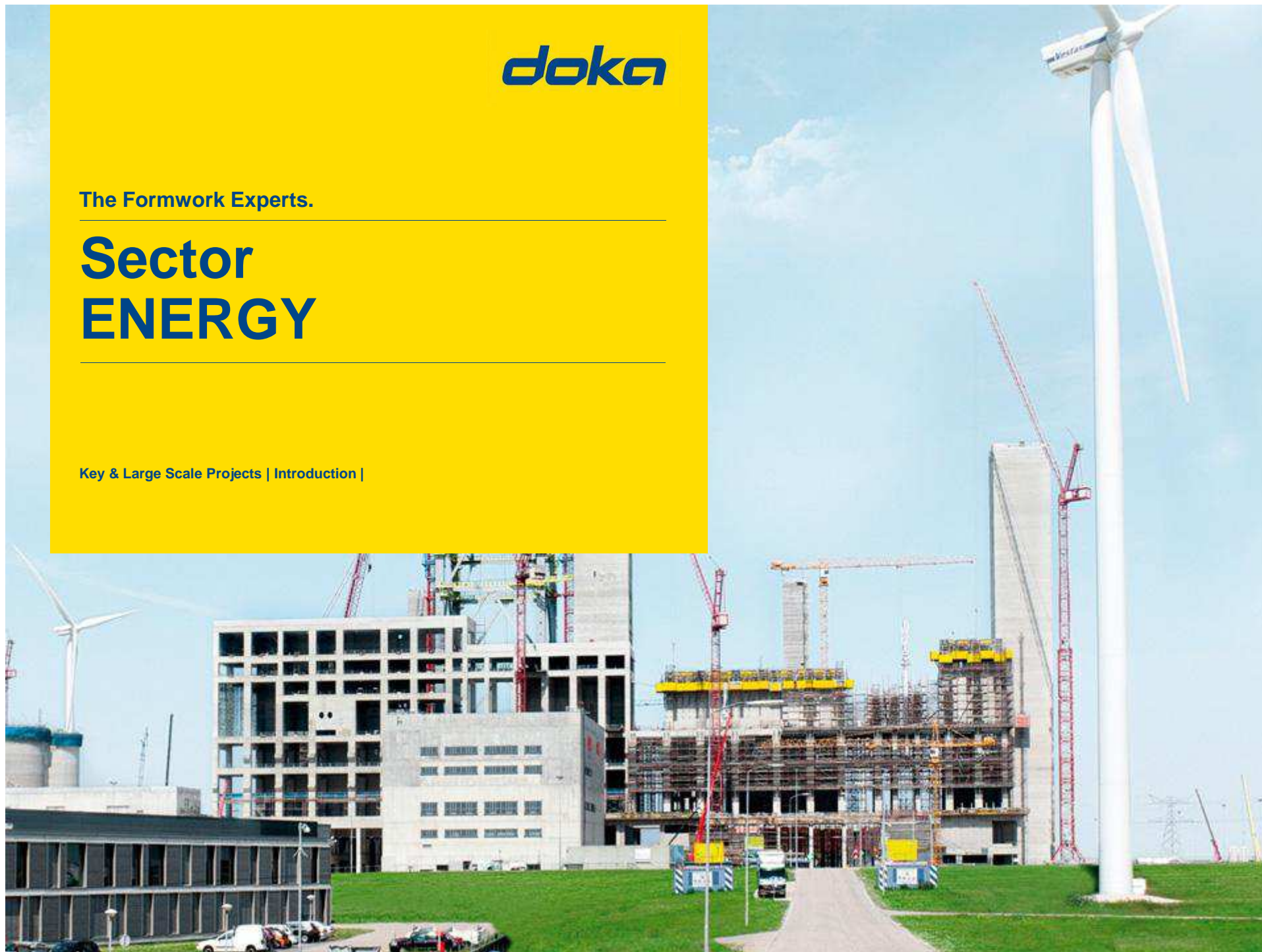
Top-cover method

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# Sector ENERGY

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# Understanding how to go at full steam

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- Amidst the different options in power station construction, there is one goal at the top of the list: producing energy as quickly as possible. Although the objective is formulated with utmost simplicity, the solutions for getting there are no less challenging. Apart from widely differing geological and topographic conditions, other major challenges include the special stipulations made regarding the concrete and perfectly coordinated timing for the different steps and supplier firms.
- To us, going at full steam means being your partner during every stage (feasibility study, planning, invitation to bid, execution, ...) of a structure.
- Because from this point on, it's all about cost efficiency and having a leg up on your own competitor.
- Our comprehensive experience and, above all, our practical experience in power station construction makes us a partner that's always at your side: from optimization of the method and schedule of construction through to the synergies in formwork utilization and on-site support from our specialists. Our formwork systems and concrete monitoring tools ensure the right geometry, quality of execution and construction time.

# References Cooling Tower

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Cooling Tower Lingen, Germany



Cooling Tower Damodaram, India



# Coal- & Gas- fired Power Plants



Lignite – fired power plant, Neurath, Germany

# Reference Thermal Power Plants



RWE Eemshaven, Netherlands





# Reference Wind Power Plants – Offshore Windmill

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Foundation – Reference: Thorntonbank, Belgium

For Offshore Windmills the foundation gets poured on land. It is transported to the final destination and gets filled there to have an Heavy Weight Foundation.



# Reference Hydro Power Plants

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Arch Dam: Bykle Dam, Norway





# Reference Hydro Power Plants

Draft Tube: Embretsfoss, Norway



# **DOKA we do KNOW HOW to bridge obstacles**

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**Win Projects together**