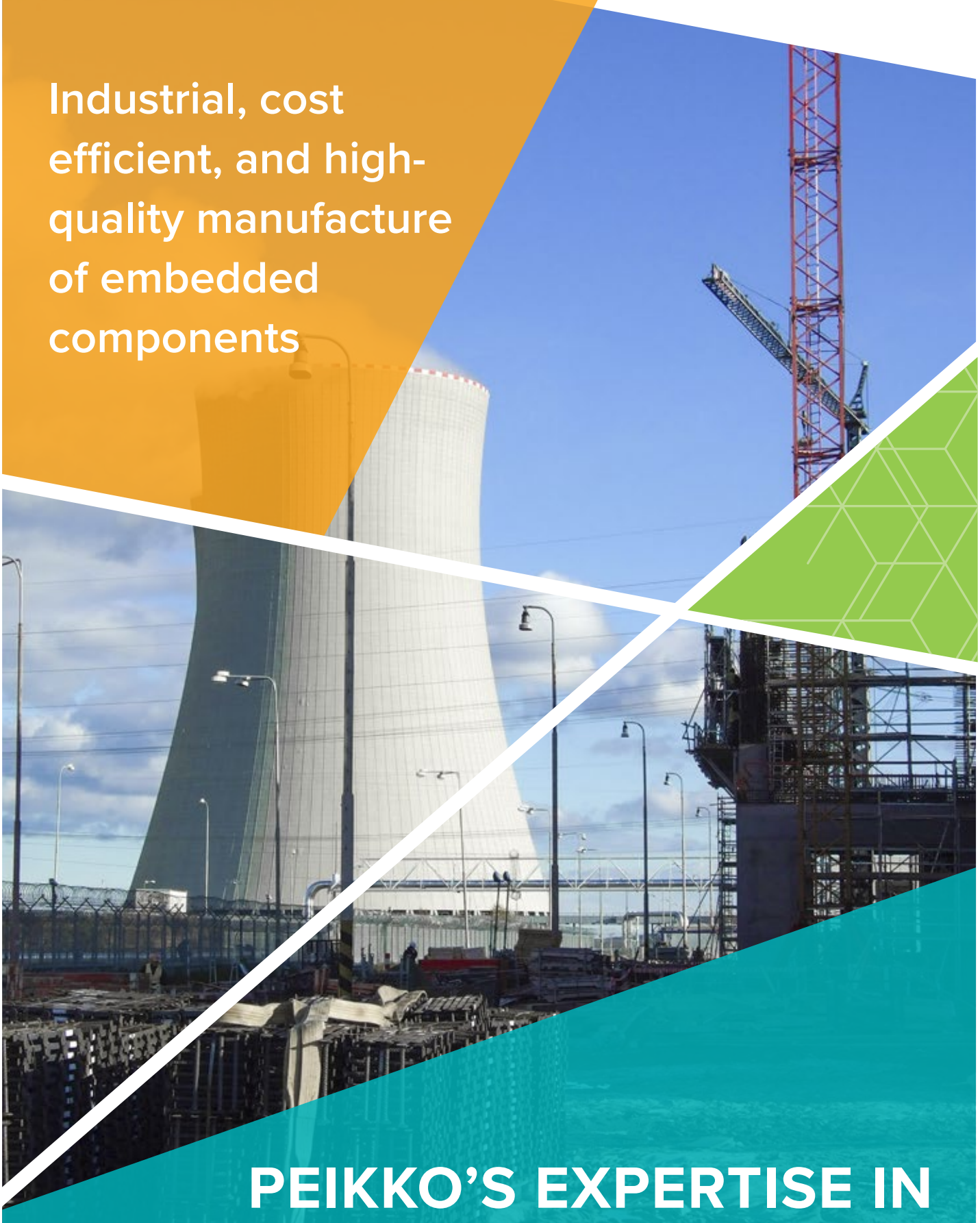
Industrial, cost efficient, and high-quality manufacture of embedded components



PEIKKO'S EXPERTISE IN NUCLEAR PLANT PROJECTS

PEIKKO SECURES THE NUCLEAR CONCRETING OF YOUR PROJECT

Peikko provides high quality embedded steel parts for Nuclear Power Plant projects. We have over 50 years of experience in producing leading concrete connection technology for the global market.

For the last 15 years we have successfully supplied our connection technology to demanding NPP projects. Our products are produced in 12 certified manufacturing units and they are certified and safe for use in demanding applications.

CERTIFIED MANAGEMENT SYSTEMS

Peikko has certified Quality, Environmental and Safety Management Systems according to ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018.

Our production units are certified according to ISO 3834-2 and EN 1090, and we are able to deliver for all required quality levels including EXC3 and EXC4.

- ISO 9001 Quality Management System
- ISO 14001 Environmental Management System
- ISO 45001:2018 Occupational Health And Safety System
- ISO 3834-2 Welding Quality
- EN 1090 Manufacturing Certificate

OUR STRENGTHS

- Peikko has the ability to build up a project organization and processes **with a higher safety and quality level** compared to the standard level in building industry.
- Peikko has a strong commitment and capability to provide the required **documentation**.
- All of Peikko's process phases are transparent and the work is organized based on international nuclear standards. This makes every single product **traceable**.
- Peikko is fully committed to the **nuclear safety culture.**

A PROVEN TRACK RECORD IN DEMANDING NPP PROJECTS

• Fangcheggang 2	China	2018 →
• Hinkley Point C	Great Britain	2017 →
• Olkiluoto 1 & 2	Finland	2016 – 2017
• Beznau	Switzerland	2012 – 2013
• Temelin	Czech Republic	2009 – 2010
• Oskarshamn	Sweden	2008 – 2009
• Olkiluoto 3	Finland	2005 – 2013

PEIKKO'S OFFERING TO NPP PROJECTS

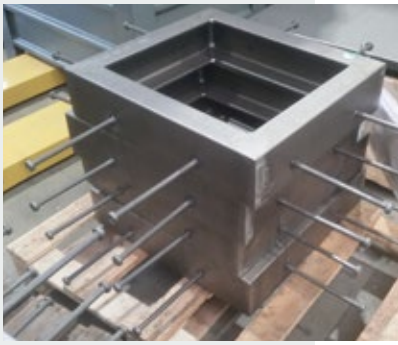
ANCHOR PLATES

Anchor Plates are used in transferring loads to concrete from other structures via welded connection.

- WELDA® Anchor Plates with ETA assessment ETA-16/0430
- Anchor Plates according to project specifications

CORNER PROTECTIONS AND FRAMES

Corner protections and frames are used to protect the corners of concrete structures throughout the lifetime of the power plant.



ANCHOR BOLTS

Anchor Bolts are used in many different applications, for instance in machine foundations and for precast structures.

- High-strength anchor bolts for all anchoring needs.
- Peikko's ECO galvanizing offers a cost-efficient solution for corrosion protection of anchor bolt threads
- Standard anchor bolts and column shoes for precast structures

REBAR COUPLING SYSTEMS

MODIX® Rebar Coupler has a unique visual inspection system that provides a safe and easy way to verify that all connections are closed and can take required loads.

PEIKKO'S OFFERING TO NPP PROJECTS

SHEAR REINFORCEMENT

NPP concrete structures are reinforced with very heavy and thick reinforcement. PSB® Shear Reinforcement can replace traditional stirrups. PSB® is easy to install and provides high shear capacity. PSB® Shear Reinforcement is approved by ETA - 13/0151

WALL PENETRATION TUBES

Wall penetration tubes are used to make holes in thick concrete walls between different departments. Process tubes are installed to go through these tubes.

- Tube diameters can vary from 150 mm to up to 2.5 meters.

EU FUNDED RESEARCH PROJECT SCHEDULE

Peikko is currently involved in an EU funded development project, together with EDF and six other organizations, to develop a new type of Steel Concrete (SC) structure for concrete walls.

New construction method based on double skin steel concrete composite (SC) structure is tested in research project called SCHEDULE.

Peikko Lithuania manufactured all steel components to this project with the total volume of 400 tons. Peikko was also responsible for workshop drawings of the components.

Read more from **www.peikko.com/npp**

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