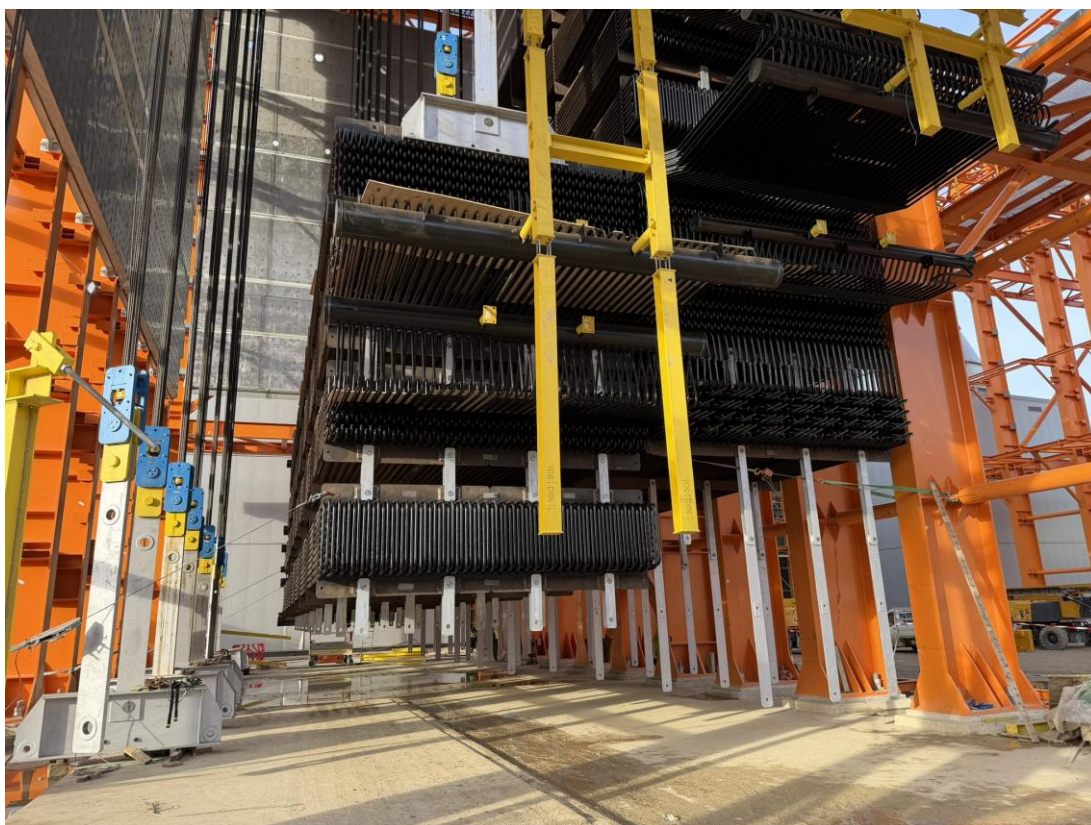


## Lifting of Superheater Bundles – HRSG Mintia (RO)

HLI was requested to assist in the construction of new HSRSG waste heat recovery units in Mintia, Romania. The task involved lifting pressure bundles – superheaters – using an advanced hydraulic system. The experienced HLI team ensured precise execution of all operation stages – from system installation and preparation of the rope setup, through transport of the superheater bundles using SPMT platforms, to their synchronous lifting and installation. Advanced technological solutions and efficient coordination enabled a safe, smooth, and fully controlled project execution, meeting the highest technical and quality standards.



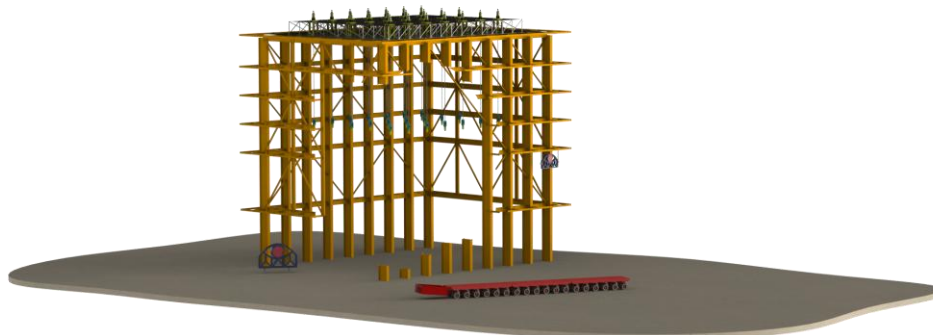
## Thanks to this remarkable project

the HLI team gained further valuable experience, enhancing their competencies in advanced lifting operations. The scope of our team's responsibilities included:

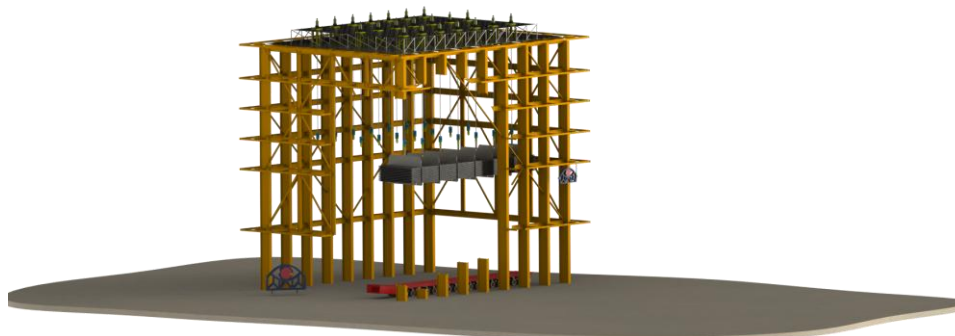
- Design of a system enabling vertical transport of loads
- Provision and installation of the necessary equipment
- Obtaining the required permits (including UDT approvals)
- Comprehensive assembly and operation services for the transport system

## Sequence of works:

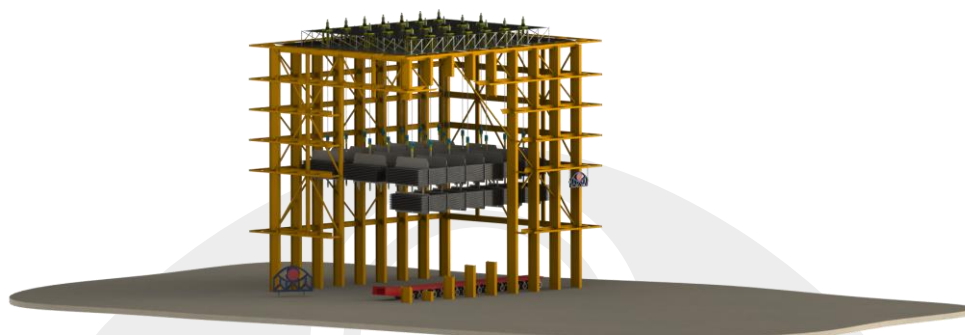
1. Installation of the hydraulic actuator system including accessories, as well as installation of ropes with load-carrying attachments



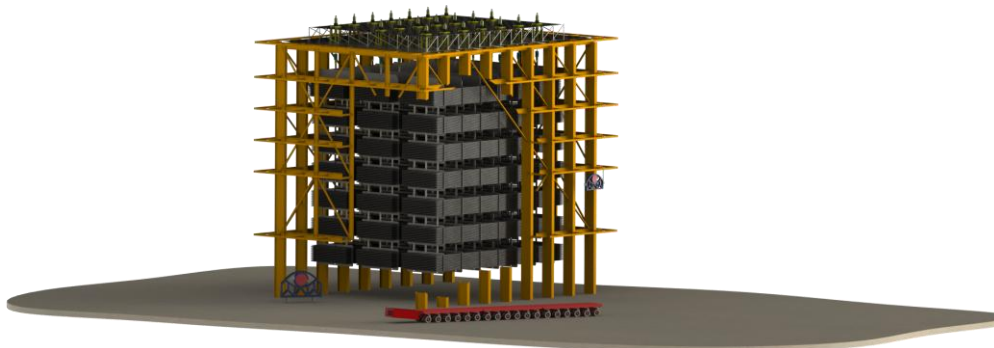
2. Transport of the first superheater bundle using an SPMT platform and lifting of the first bundle



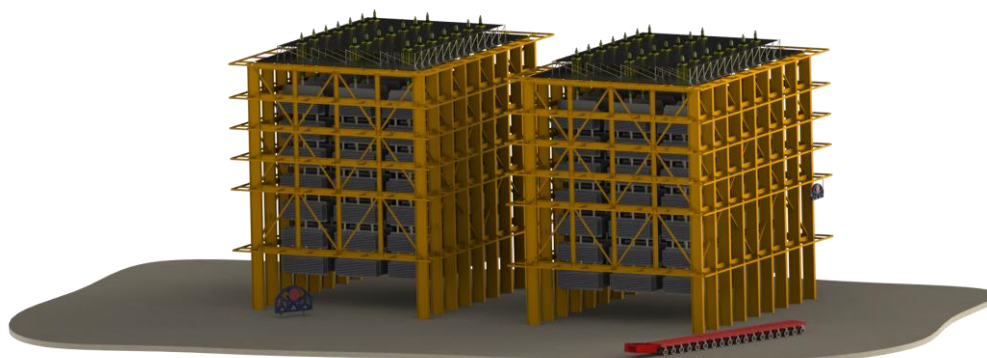
3. Transport of the next superheater bundle using the SPMT platform. Lowering of the first bundle and installation of the connecting elements between the bundles

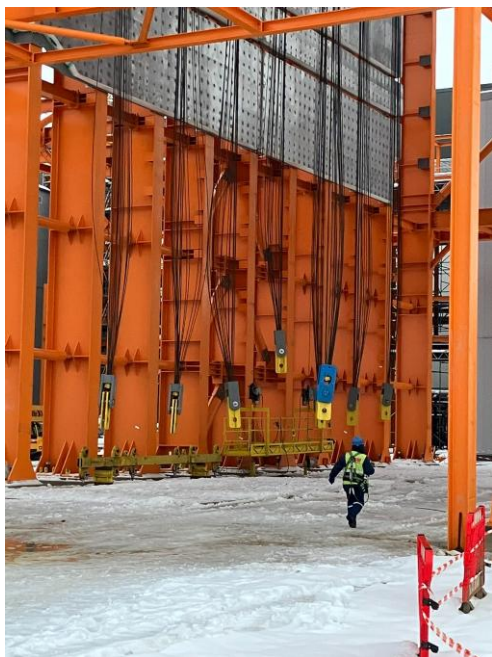


4. Lifting the bundles of the three lines to the same height one by one, then lifting all bundles together and connecting them to the boiler's supporting structure



5. Height adjustment based on survey measurements and reinstallation of the system on the second unit





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