

# REFERENCES

## 01 | HEAT RECOVERY STEAM GENERATION FROM EXHAUST GAS WITH AN OPTIONAL GAS TURBINE



**Type of project / service:** Feasibility Study

**Client:** MiRO Mineralölraffinerie Oberrhein GmbH & Co. KG

**Location:** Karlsruhe, Germany

**Project scope:** 4 man-months

### **Project description:**

REINSTEIN was awarded the contract for the preparation of a feasibility study to assess the technical feasibility and associated costs of the provision of a heat recovery steam generation from exhaust gas. In addition to the heat recovery, the feasibility of an optional use of a 16 to 24MW gas turbine (GT) was to be investigated to supply the heat recovery steam generator with hot exhaust gas for additional steam generation. REINSTEIN provided pre-basic engineering services considering the various alternatives, and the results and calculated costs were documented in a comprehensive report and formed the basis of the client's selection of the most appropriate alternative.

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## **Project result:**

“The findings of the study feature a high information content and a good quality. REINSTEIN provided a good basis for MiRO’s decision-making; in particular considering the very short project duration of only three months. We are impressed by the reliability and perfect adherence to schedule of REINSTEIN’s experts. REINSTEIN proved to be a professional and flexible engineering partner, and qualified itself for being included in MiRO’s list of bidders for future projects”, as stated by Mr. Herkenhoff, responsible for MiRO’s purchasing division.