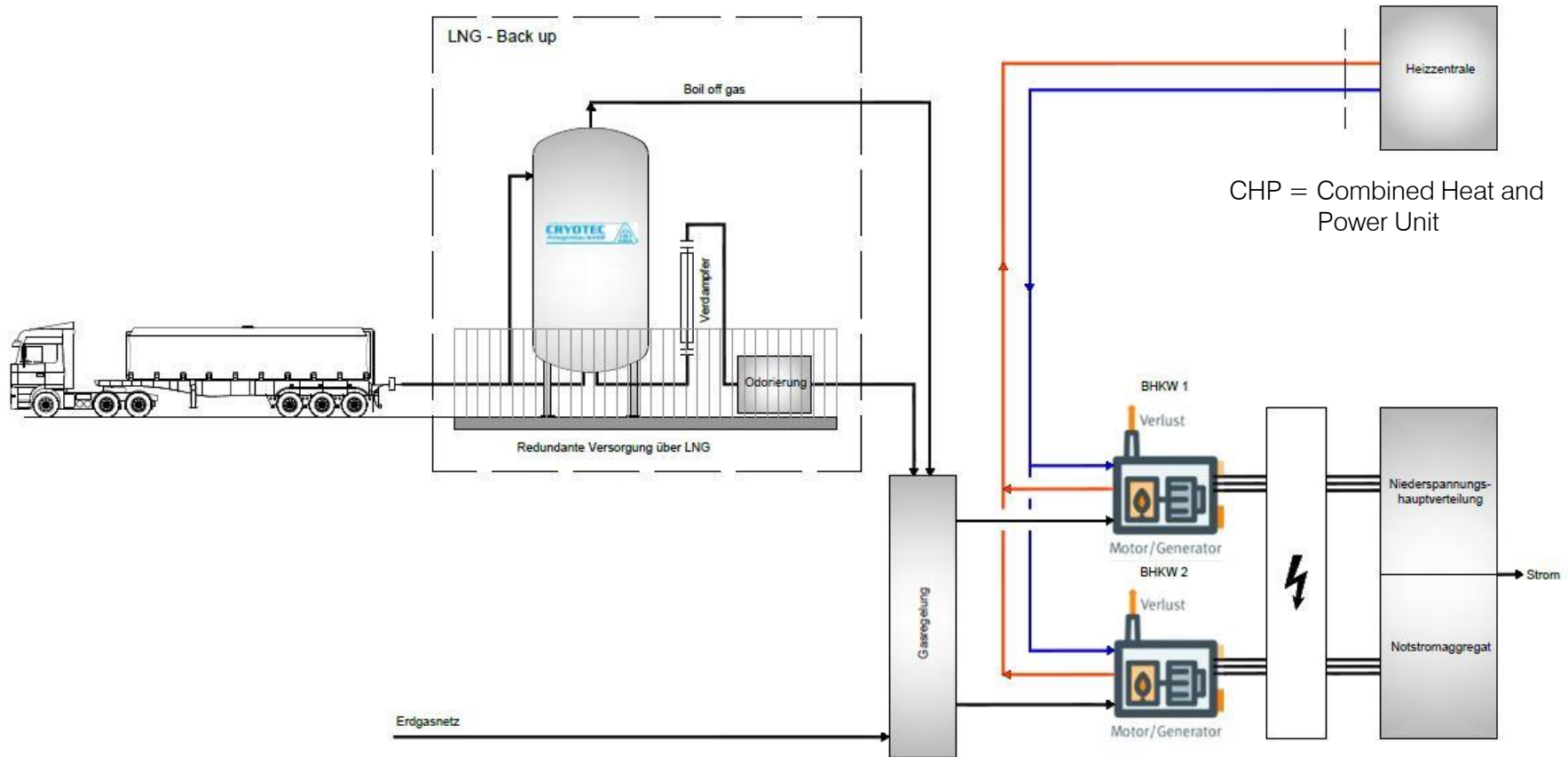
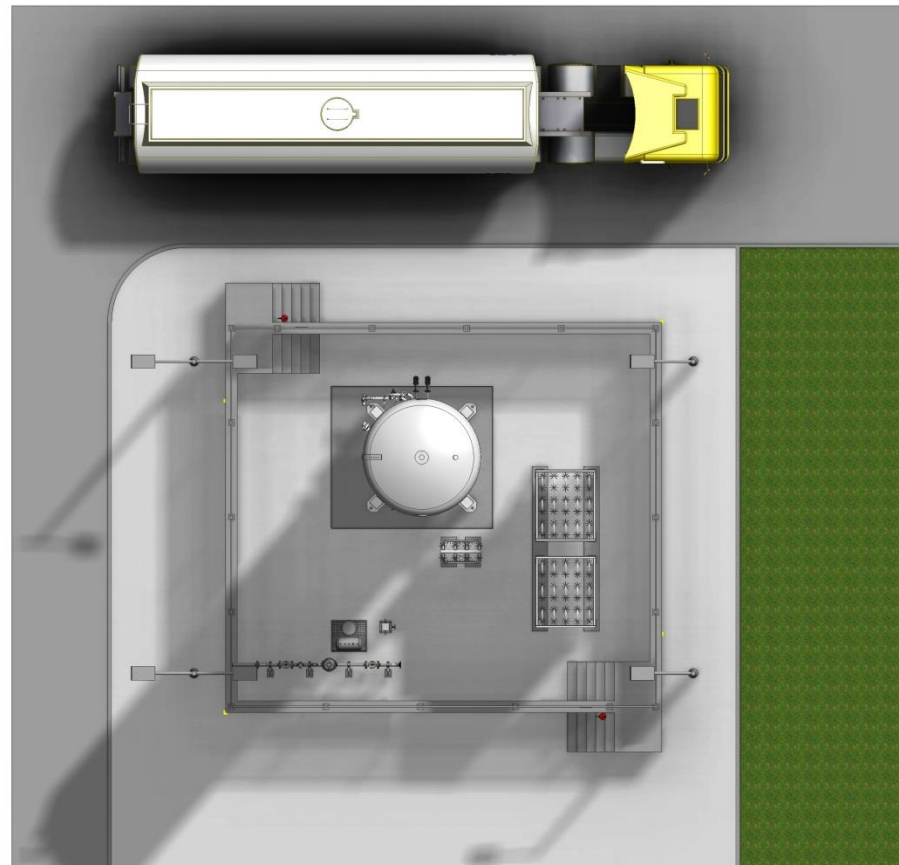


LNG Regasification Plants

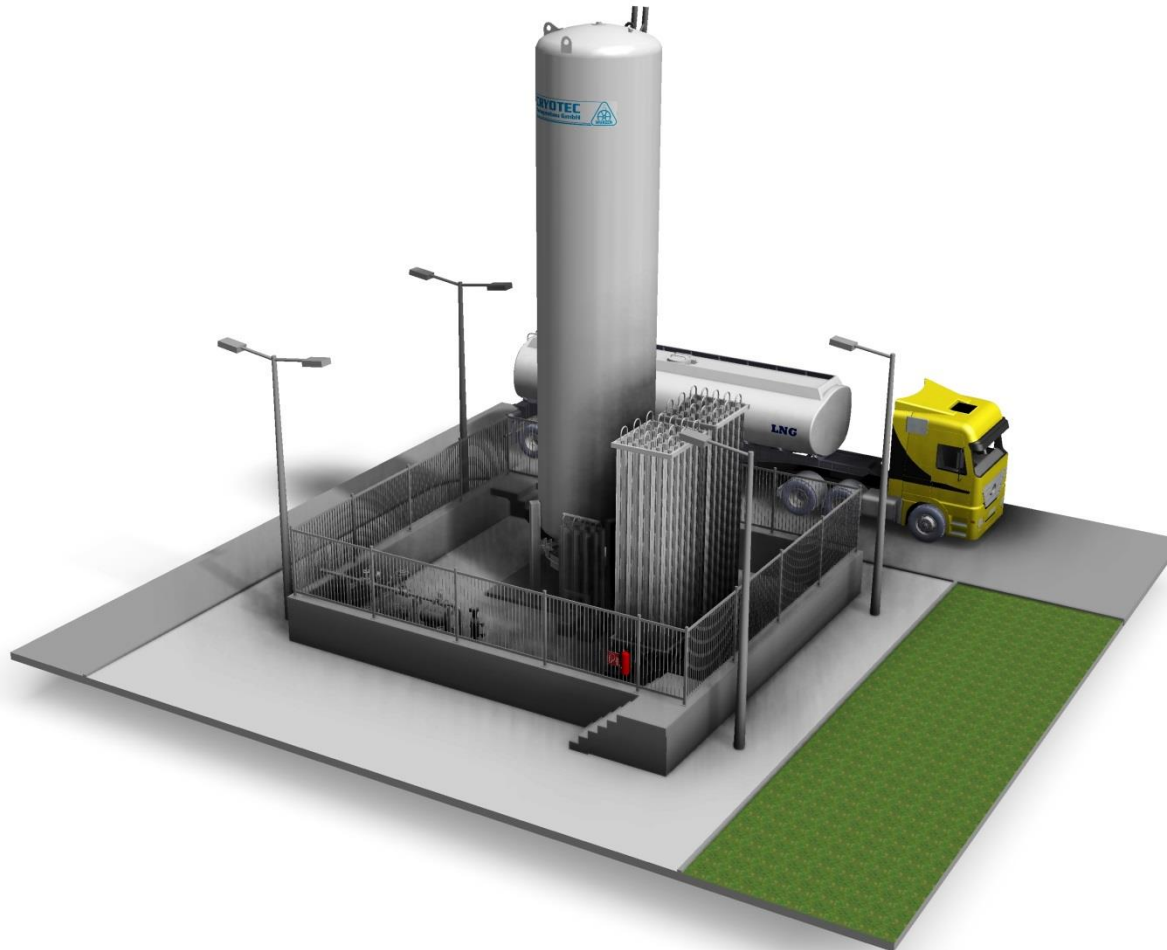
LNG Supply Concept – Emergency Power Systems / CHP's



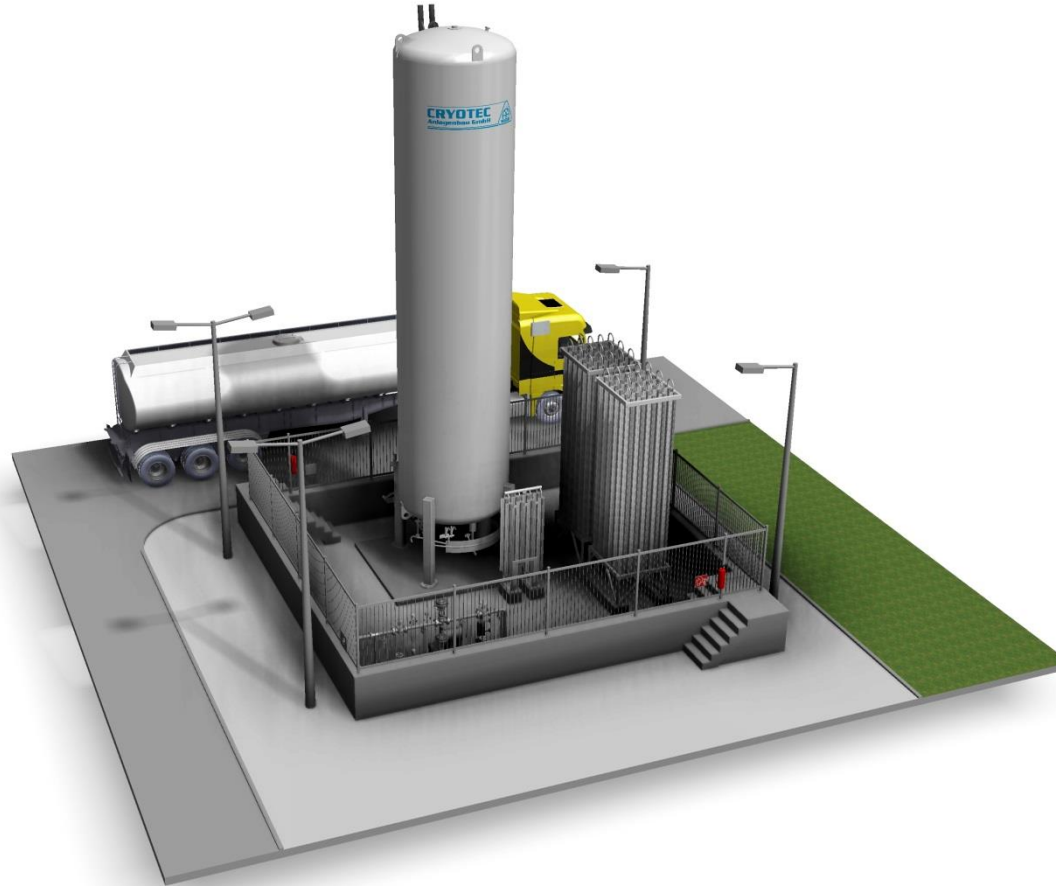
LNG Supply Concept – Example 25 t Storage Capacity



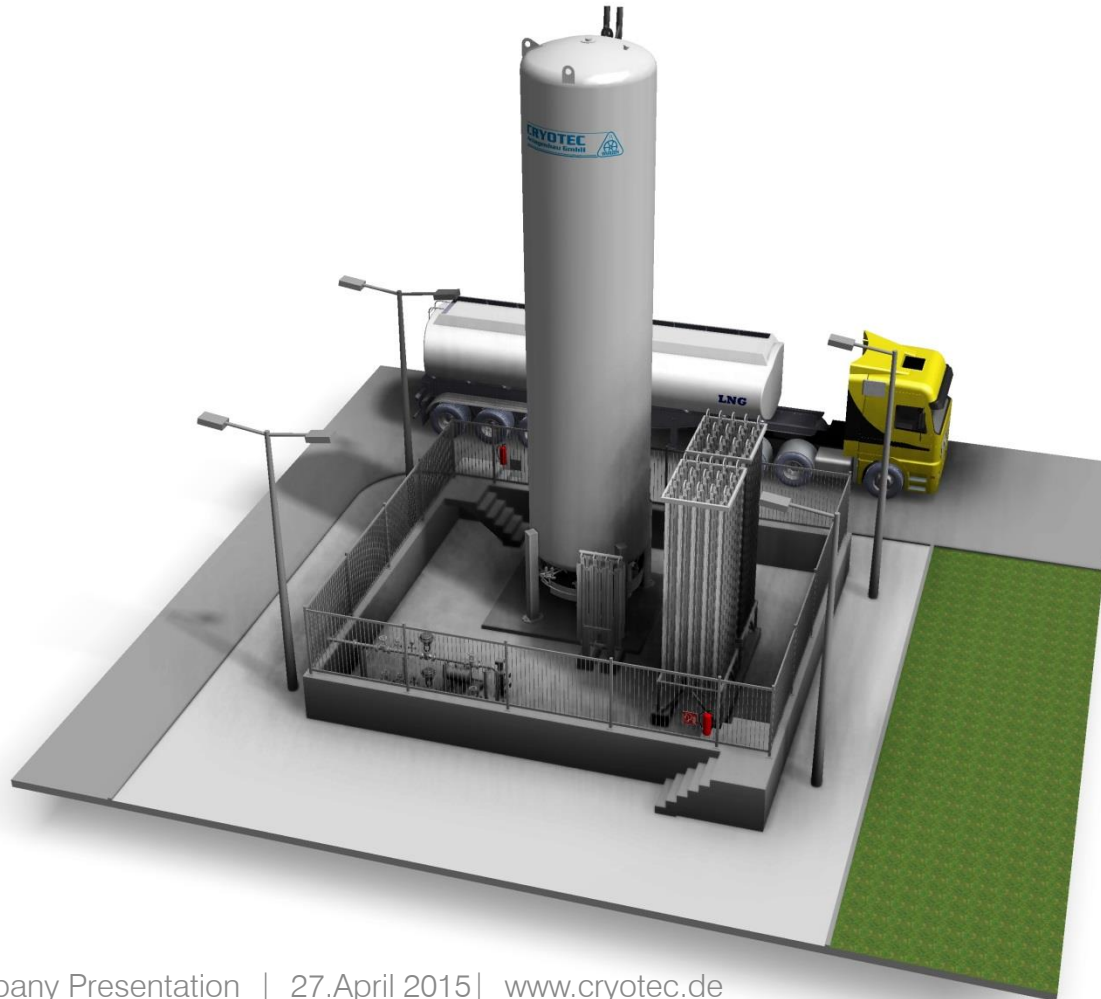
LNG Supply Concept – Example 25 t Storage Capacity



LNG Supply Concept – Example 25 t Storage Capacity



LNG Supply Concept – Example 25 t Storage Capacity



LNG Supply Concept –Storage Tank and Vaporizer for CHP



LNG-Supply for CHP
with 10 kW Cold-Decoupling -55°C

Location:
Borna near Leipzig, Company KKS

LNG Supply Concept – Plant Components

- Double-wall Tank (vacuum-insulated) with safety device, control devices and filling connection to truck
- 2 x vaporizers, atmospherical with change-over switch
- Electrical heater to secure min. temperature $> 0^{\circ}\text{C}$ (if necessary)
- Gas pressure control system and measuring section
- Odorization
- Connection to consumer network (underground or aboveground pipeline)
- Internal piping and armatures (with safety devices)
- Internal measurement technology, wiring and local control

LNG Supply Concept – Construction Works

- Collecting basin with equipment foundation and access stairs
- Fencing and gates
- Lighting system
- Lightning protection and earthing system
- Gas warning system, if required
- Fire extinguisher
- Signage
- Outside facilities with access road and loading point



LNG Supply Concept – Additional Construction Services

- Technological planning of plant according to local regulations
- Planning of construction works and outside facilities
- Approval planning according to local regulations
- Expert opinion for building ground, fire- and explosion-protection
- Authority fees for approval procedures, costs for inspection engineer, handling ancillary provisions from the approval procedure
- Authorized Inspection Agency
- Instruction and training
- Plant commissioning