The Friedrich Loeffler Institute (FLI) is the national research center for animal health in Germany. The institute was founded in 1910 and named 1952 according to its founder Friedrich Loeffler. The FLI is situated on the Isle of Riems in the Baltic Sea near the city of Greifswald. Main research areas are animal viral diseases, molecular biology, virus diagnosis, immunology and epidemiology.

**Challenge**
Heating, fire protection systems, ventilation and air-conditioning for rooms in categories BSL 3 and 4
Gas extinguishing systems for rooms of different pressure levels

**Solution**
Heating, ventilation and air-conditioning technology meets the highest clean room requirements:
Securing the negative pressure and the pressure cascade in the safety area
HEPA filtering of supply and exhaust air
Extinguishing system with halon substitutes
Extinguishing media cause only minor damage in the event of fire

**Year**
2008-2011

**Facts about the project**
The building is one of the largest level 4 security laboratories worldwide
A total of 89 laboratories and 163 stables of various safety designs
Order volume: around EUR 50 million

Find more references online: caverion.com/references
Caverion designs, builds, operates and maintains intelligent and energy-efficient solutions for buildings, industries and infrastructures.

Where people live and work, the requirements for buildings and industries are complex. Important factors are operational safety, best possible comfort, resource-saving use of energy and value retention of real estate. This requires a professional partner who has a holistic way of thinking and acting and responds to individual requirements.

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