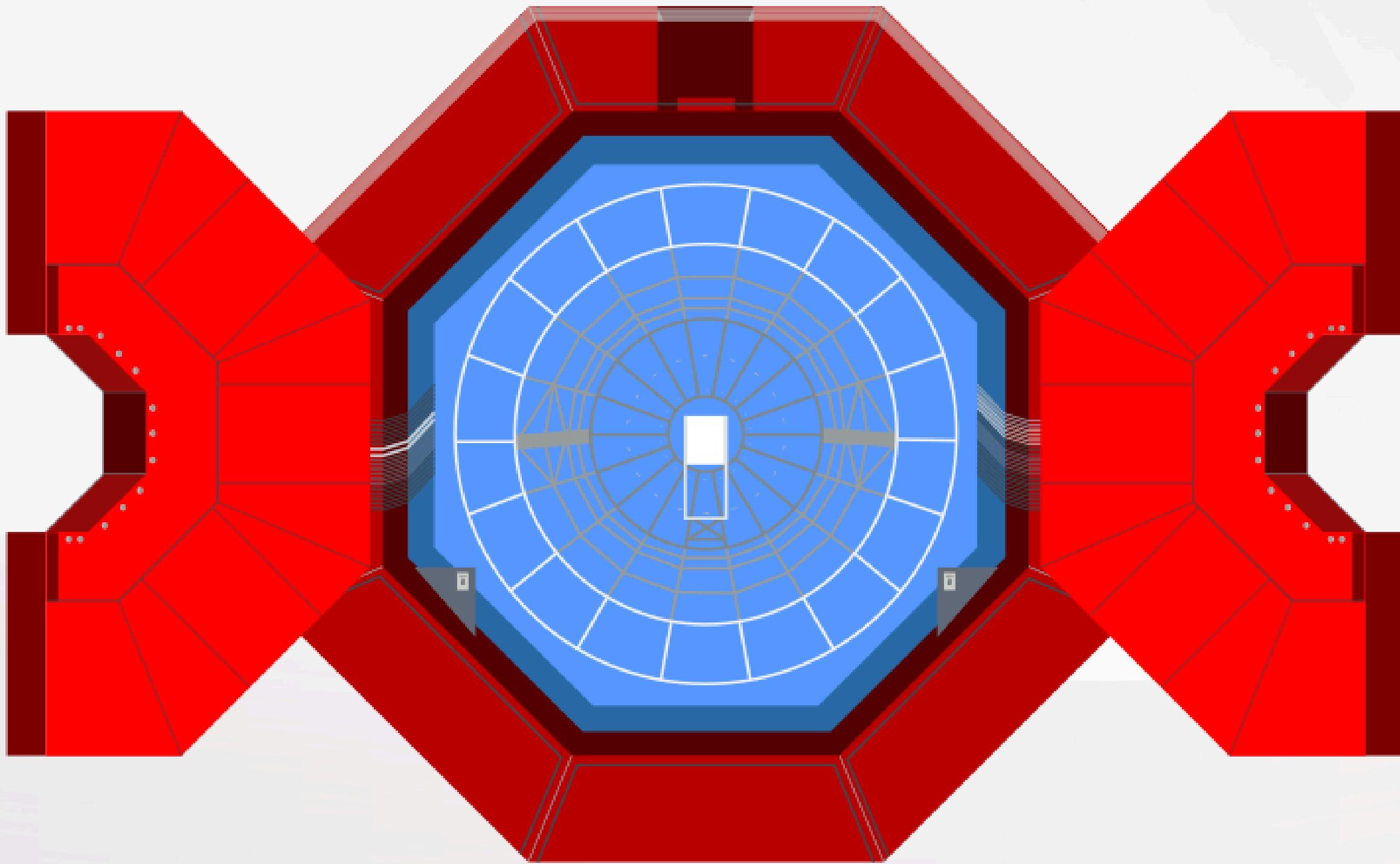


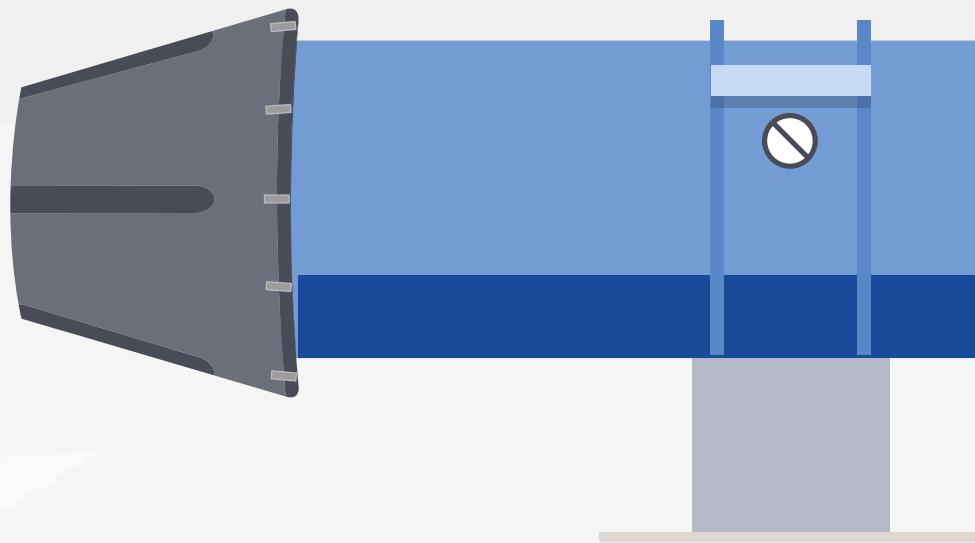
WHAT DOES CERN BUY?



CIVIL ENGINEERING

- Construction
- Renovation of buildings
- Metallic structures
- Earthworks
- Roads
- Cooling and ventilation
- ...





Accelerating Science

ELECTRICAL ENGINEERING AND MAGNETS

- **Switchboards and switchgear**
- **Transformers**
- **Cables**
- **Automation**
- **Power supplies**
- **Magnets**
- ...



INFORMATION TECHNOLOGY

- Computing systems
- Servers
- Software
- Network equipment
- Personal computer equipment
- ...





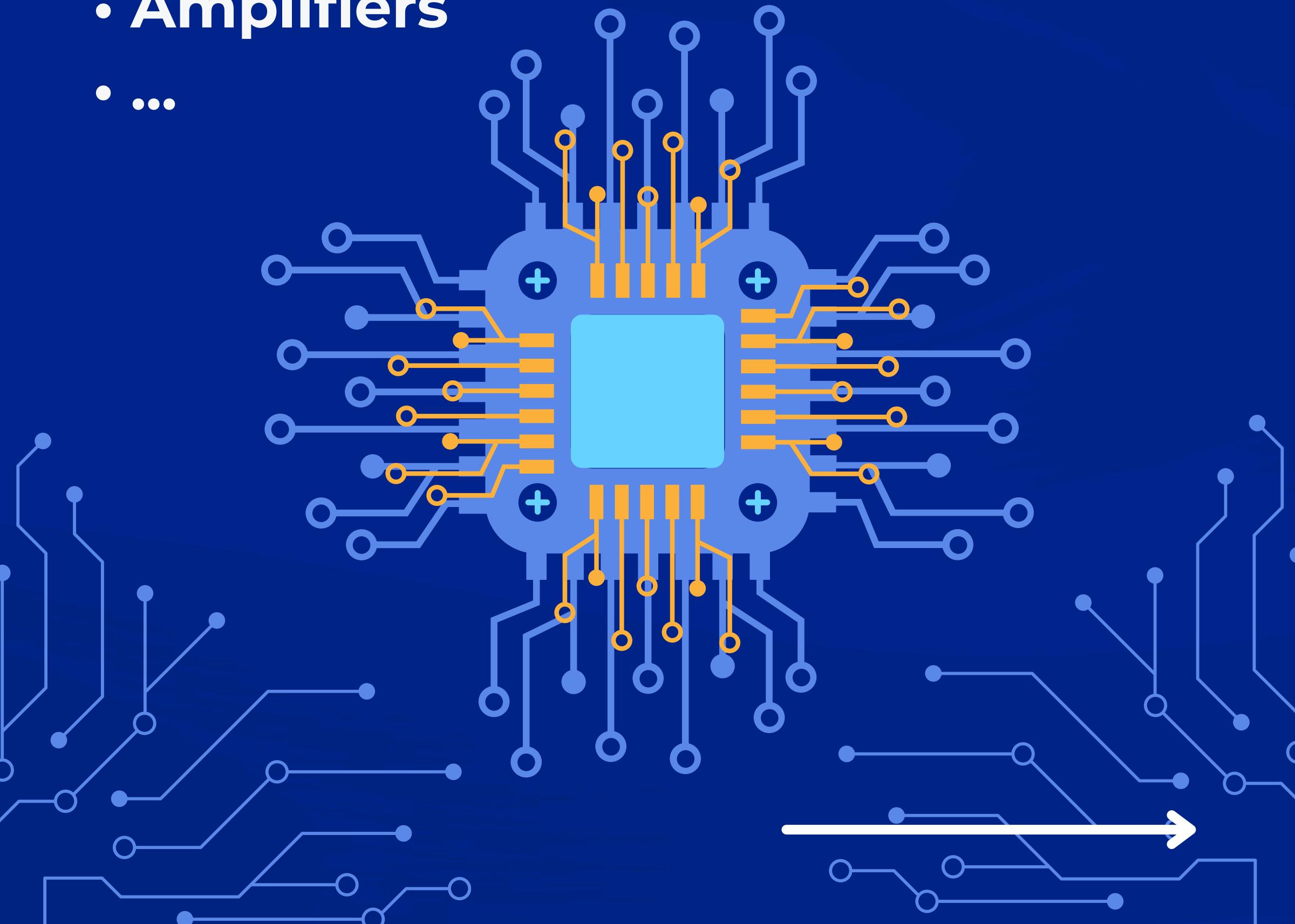
MECHANICAL ENGINEERING AND RAW MATERIALS

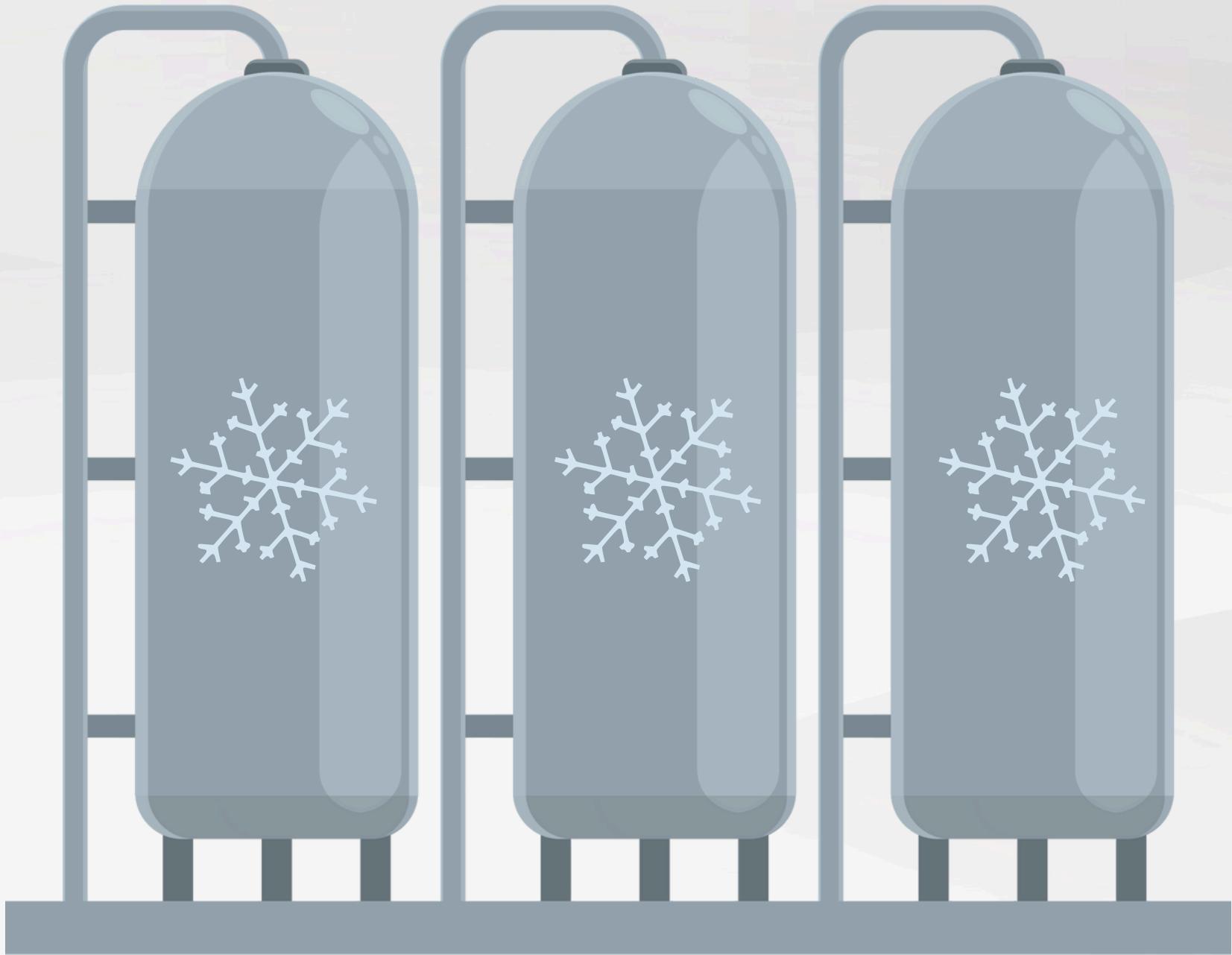
- **Machining**
- **Sheet metal work and arc welding**
- **Special fabrication techniques**
- **Raw materials, finished products**
- **Offsite engineering and testing**
- **...**



ELECTRONICS AND RADIOFREQUENCY

- Electronic components
- PCBs and assembled boards
- LV and HV power supplies
- Radiofrequency systems
- Amplifiers
- ...





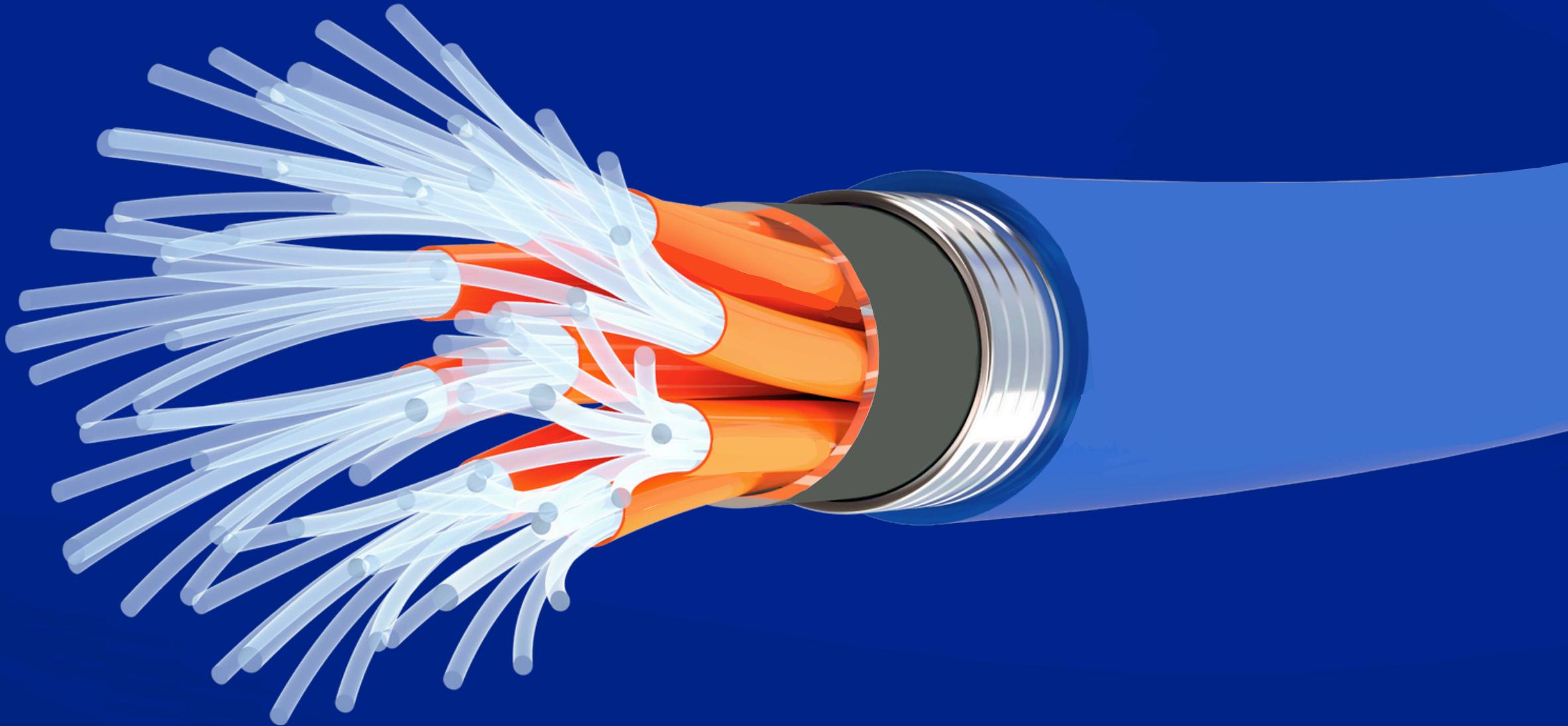
VACUUM AND LOW TEMPERATURE

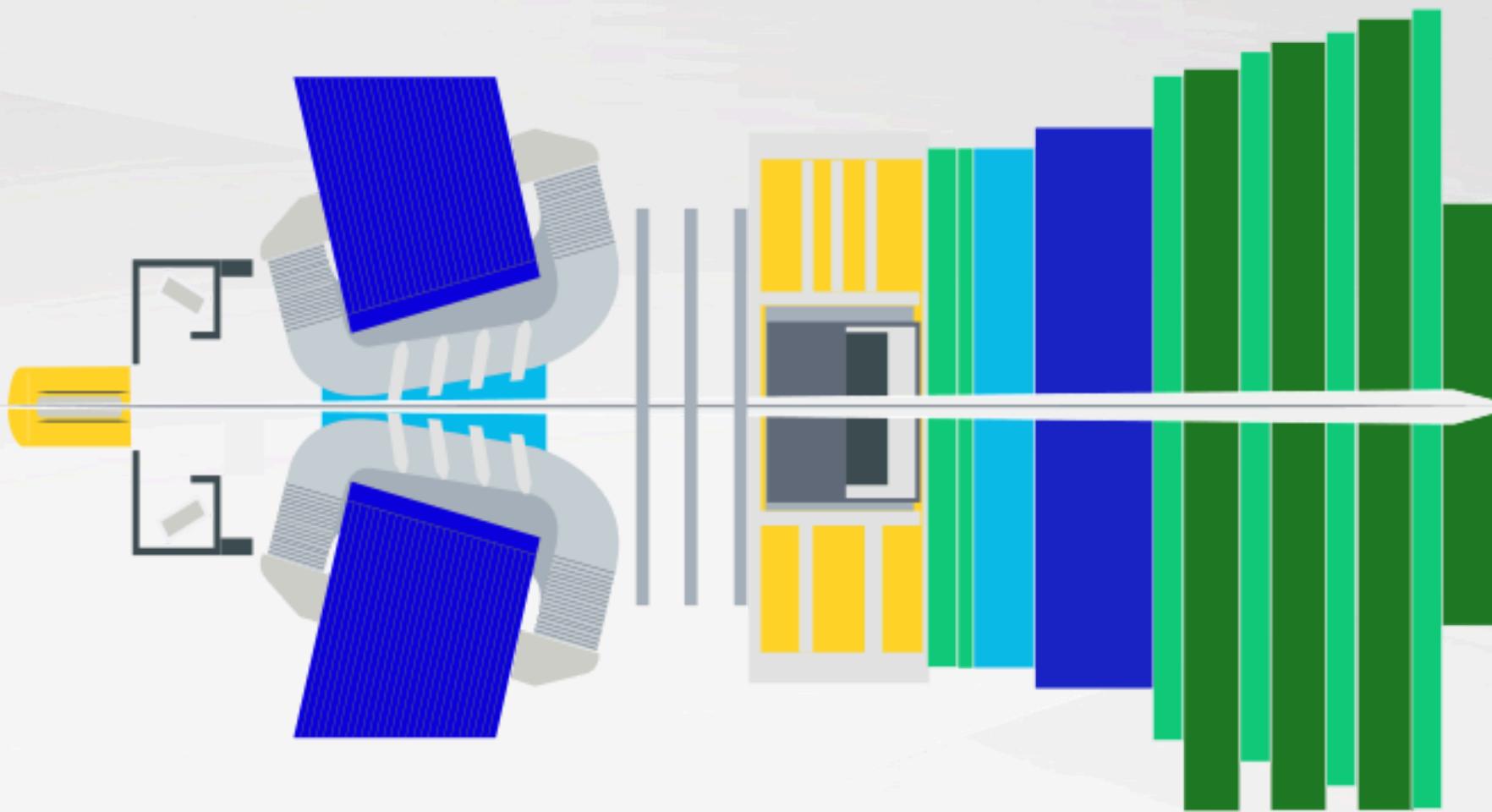
- **Vacuum chambers**
- **Refrigeration equipment**
- **Gas handling equipment**
- **Gas control systems**
- **Leak detectors**
- **...**



OPTICS AND PHOTONICS

- Lasers
- Photoelectric components
- Fibre optics
- Microscopes
- Optical treatment of components
- ...





PARTICLE AND PHOTON DETECTORS

- Active sensors
- Scintillators and fibres
- Photon detectors
- Calorimetry
- Cherenkov detectors
- ...



GASES, CHEMICALS, RADIATION AND WASTE EQUIPMENT

- Gases and fuel
- Radiation equipment
- Waste disposal equipment
- Chemicals and related equipment
- Cherenkov detectors
- ...





HEALTH, SAFETY AND ENVIRONMENT

- **Radiation safety and protection**
- **Fire brigade equipment**
- **Detection, alarms and evacuation**
- **Personal protective equipment**
- **Access and security equipment**
- ...



TRANSPORT, HANDLING AND VEHICLES

- Industrial vehicles
- Special handling machines
- Lifts
- Crane rails
- Packaging for transport
- ...



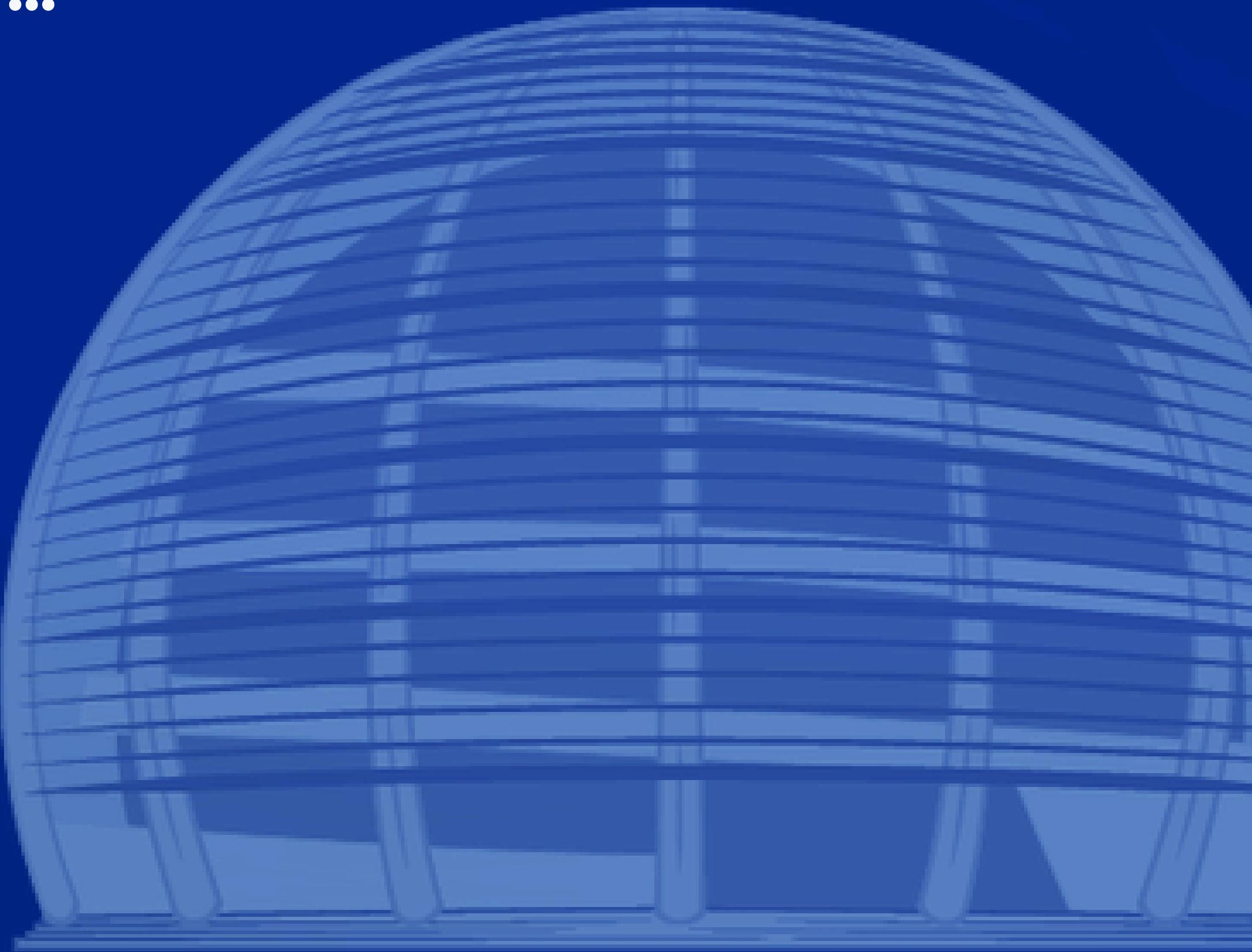


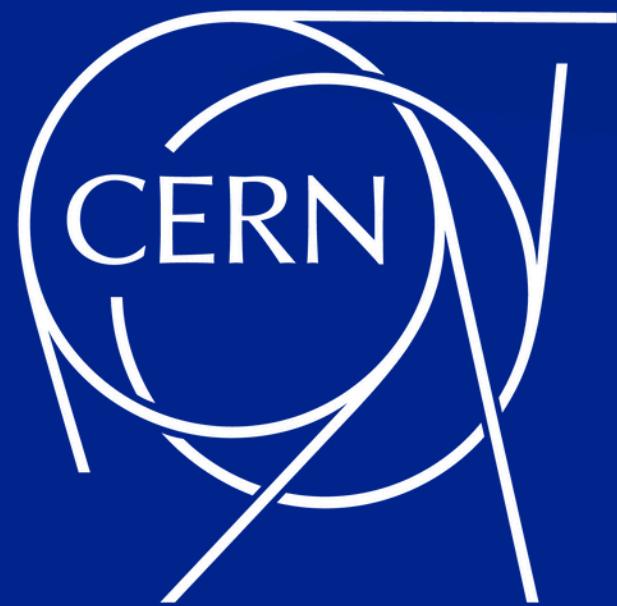
OFFICE SUPPLY, FURNITURE, COMMUNICATION AND TRAINING

- **Office furniture**
- **Stationery**
- **Exhibition material**
- **Audiovisual services**
- **Training**
- ...

SERVICES ON THE CERN SITE

- Facility management
- Maintenance and operation
- IT services
- Inspection and tests
- Waste management
- ...





Credit:
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