

*1949 – 2019*



*A Company Introduction  
Radon Removal Systems*

# ATEKO a.s.

- **ATEKO a.s.** is an engineering, manufacturing and supply company, offers turn-key deliveries of complete investment plants in the field of:
  - Chemical, gas & oil, energy and food industry
  - Low temperatures, power production technologies
  - environmental protection technologies.
- Czech company
- Founded in 1949 as a research institute
- Since 1994 ATEKO a.s. (a joint-stock company)
- Company headquarters: Hradec Kralove
- Number of employees: approx. 50
- Share of exports: 30-45 %
- Member of MEDIS Group
- EN ISO 9001:2015
- EN ISO 14001:2015



# ATEKO a.s. Business Profile

ATEKO a.s. is an engineering company and specialized supplier that offers deliveries of turnkey industrial plants, technology equipment and numerous services for the chemical, gas & oil, energy, engineering and manufacturing industry.

## *Portfolio of products and services*

### » Design and engineering services

- Civil engineering and design
- Design of processes and technological plants
- Design and construction of technological apparatuses, machinery and equipment
- Designer's and technical supervision
- Investment consultancy

### » Technological supplies

- Equipment – exchangers, separators, columns, filters, tanks, vessels etc.
- Machinery – compressors, turboexpanders and expanders
- Compact technological systems – skids
- Prototypes and experimental equipment

### » Construction and civil engineering

- Industrial plants
- Technology plants

## *Market segments*

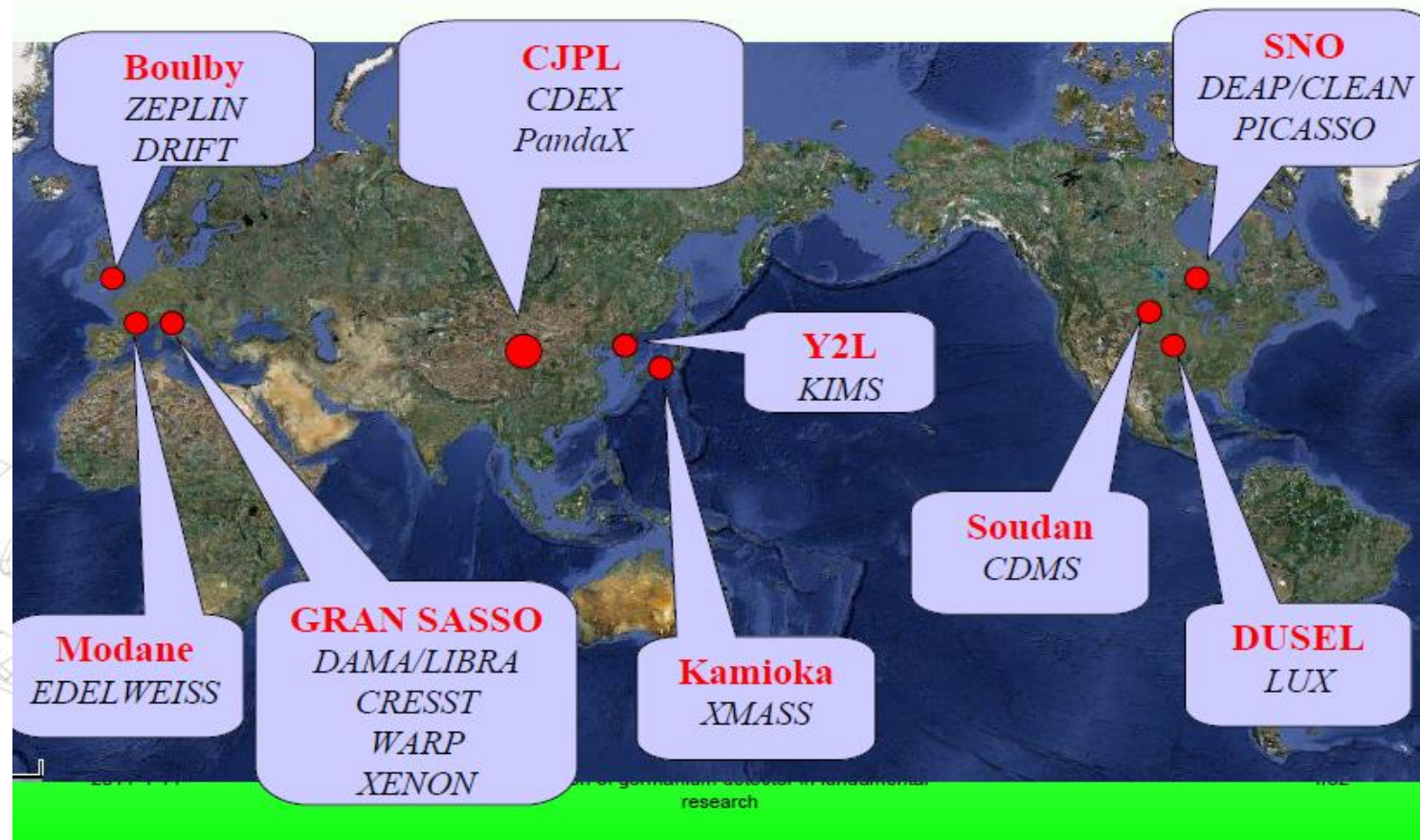
- Chemical and petrochemical industry
- Gas & oil industry
- Automotive and machinery industry
- Research centers
- Energy sector

## *Internal organization*

- ❑ Business Unit „Advanced Technology & Equipment“
- ❑ Business Unit „Plant Design & Construction“

# Radon Removal Systems (RRS) – Main Customers

## International Main Underground Laboratories



# RRS – Main Projects 1

## International Underground Laboratories - Radon Removal Systems

### Deliveries for laboratories:

- Modane, France, 2004,
- Gran Sasso, Italy, 2011-12,
- Czech Technical University, Czech Republic, 2013
- Y2L, Korea, 2015
- LSC, Spain, 2015
- SURF, USA, 2017
- Jin Ping, China, 2018

### Technical data:

- Air flow 120 – 300 m<sup>3</sup>/h
- Input radon concentration 20 - 100 bq/m<sup>3</sup>
- Reduction of radon concentration 1000
- Output air humidity -70°C





# RRS – Main Projects 2

- » 2018 – Radon Removal System, China Shanghai Jiao Tong University, located at Jin Ping Underground Laboratory, China



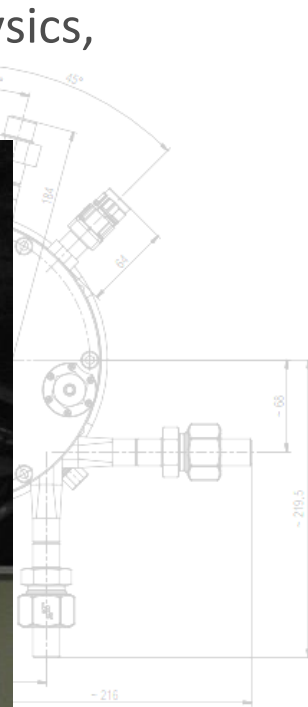
# RRS – Main Projects 3

- » 2017 – Radon Removal System, SURF South Dakota Science and Technology Authority , USA



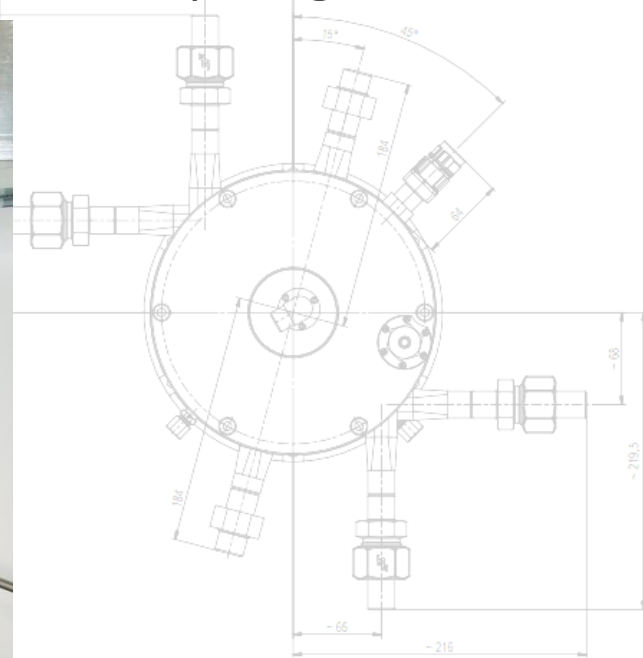
# RRS – Main Projects 4

- » 2015 – Radon Removal System, Y2L Centre for Underground Physics, Korea & Laboratorio Subterráneo Calfranc, Spain



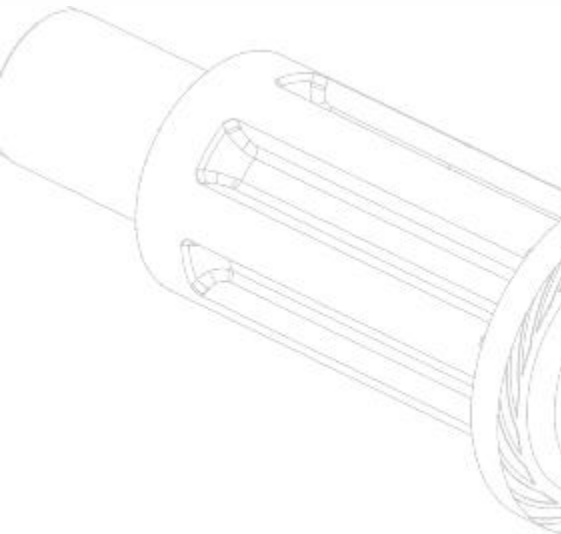
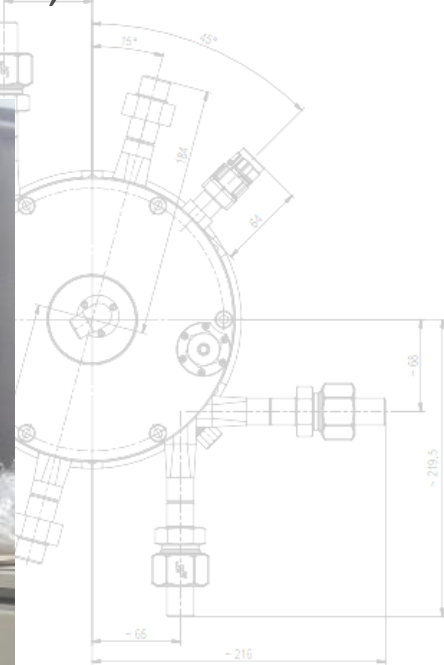


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# RRS – Main Projects 6

- » 2012 – Radon Removal System, University of Princeton, USA, located at National Laboratory Gran Sasso, Italy



# RRS – Main Projects 7

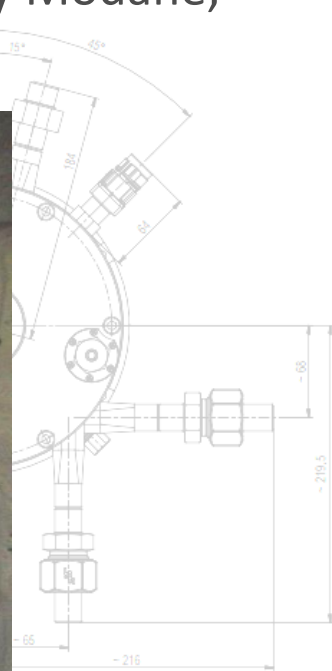
- » 2011 – Radon Removal System, Lawrence Berkeley Laboratory, USA, located at Laboratorio Nazionale Gran Sasso, Italy






# RRS – Main Projects 8

- » 2004 – Radon Removal System, LAL Université Paris, Laboratory Modane, France







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