



**CLEAN TUNNEL AIR INTERNATIONAL AS (CTA)**  
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CTA International AS's prime objective is to contribute to a cleaner environment through developing, manufacturing and marketing total systems for control of air pollution in road tunnels and other industrial applications. In order to achieve this, CTA offers one of the world's largest range of electrostatic precipitation systems (EP-S) for road tunnels, as well as a broad range of EP-S for building and industrial applications.

### Products & Services

CTA International specializes in designing, developing, manufacturing and installing turnkey electrostatic dust precipitation systems. The company offers unique technology for minimizing space requirements in tunnel areas versus high-efficiency. CTA offers systems in the following configurations:

- Bypass installation
- Ceiling-mounted installation
- Shaft installation

CTA uses the same technology for air purification systems in industry as it does for tunnels. The electrostatic filters are assembled in modules and are simple to adapt to the size of existing buildings. CTA also supplies self-contained filter systems for industry and building ventilation systems.

### Technology & Expertise

CTA areas of technology and expertise include:

- In-depth knowledge of electrostatic filtration technology and applications
- Unique technology for minimizing bypass tunnel areas through high-efficiency filtration and high-speed air flow
- Sophisticated wastewater recycling system with integrated PLC to control the process automatically

### Research & Development

CTA is working on the development of electrostatic filters for new areas of application in cooperation with other system suppliers. The company has projects in this area in regard to gas cleaning in Spain and for filters for allergic or asthmatic people in Austria. In addition, CTA works jointly with Camfil Farr and the University of Graz, Institute of High Voltage Engineering and System Management.

