

# MAXIMUM RELIABILITY

## FOR INDUSTRIAL AIR POLLUTION CONTROL



## RELIABLE EMISSION CONTROL SOLUTIONS FOR MODERN INDUSTRIAL PRODUCTION

For more than 40 years, CTP has been delivering reliable and efficient air pollution control solutions for industrial applications worldwide. From first analysis and engineering to installation, commissioning and long-term service, CTP supports customers with innovative and future-proof systems:

- Proper system design and specification
- Low operational costs
- Short production and installation times
- Reliable maintenance and spare parts support
- Adaptation to production changes

# EXPERIENCE & EXPERTISE

## COMPLETE LIFE-CYCLE SOLUTIONS

CTP supports throughout the entire lifecycle of air pollution control systems – from concept development to modernization and service of existing plants.

### DESIGN CONCEPT

- + Analysis of production process
- + Raw gas measurements
- + System design with optional concepts for heat recovery

### ENGINEERING

- + Basic- / detail engineering
- + 3D layout planning
- + Risk analysis
- + Pilot tests / simulations

### REALISATION

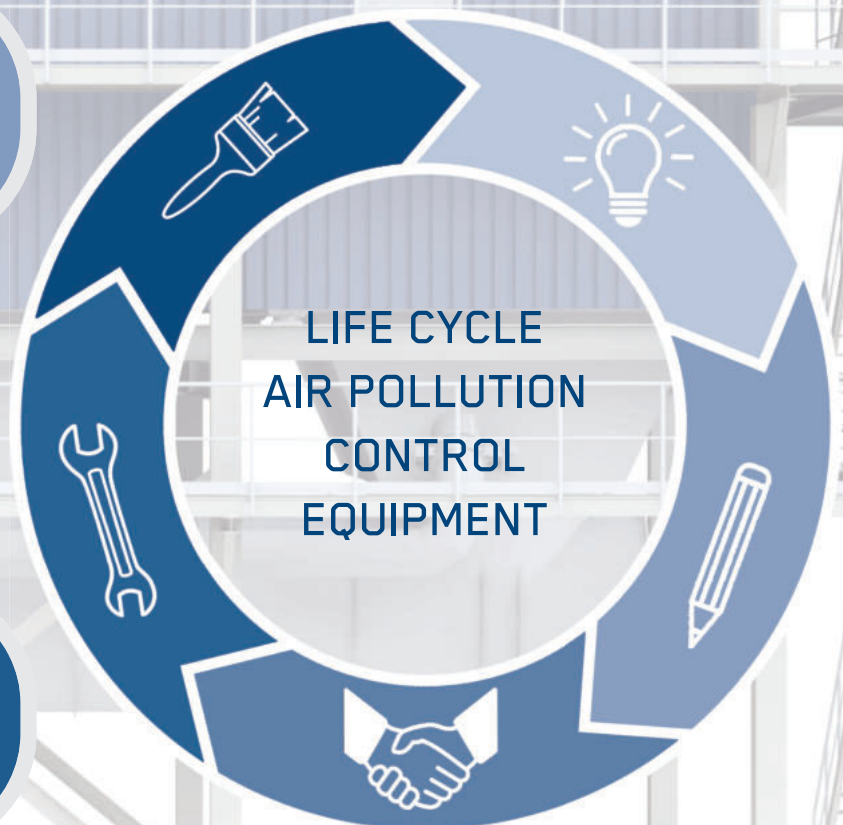
- + Production of equipment
- + Installation & commissioning
- + Operator training
- + Measurements

### MAINTENANCE & SERVICE

- + Regular maintenance & inspections
- + Operation & technical support
- + Spare parts supply

### REFURBISHMENT & RELOCATION

- + Updating of control systems
- + Modernization of equipment
- + System relocation and adaption



# PROVEN TECHNOLOGIES

**OUR TECHNOLOGIES STAND FOR CLEAN AND EFFICIENT PROCESSES WORLDWIDE**

## **CTP DELIVERS ADVANCED TECHNOLOGIES FOR RELIABLE EMISSION CONTROL:**

- + Regenerative thermal oxidizers (RTO)
- + Catalytic oxidizers (CO)
- + NOx reduction systems (SCR)
- + Hybrid & sorptive systems

## **INTEGRATED SYSTEM COMPONENTS:**

- + Dust filtration systems
- + Rotary concentrator / Oxidizer systems
- + Wet scrubbers for acid removal
- + Ductwork, complex steel structures and stacks
- + ATEX-compliant LEL control equipment
- + Heat recovery systems

## **OVER THE LAST FOUR DECADES CTP HAS SUPPORTED NUMEROUS INDUSTRIES:**

- + Automotive & vehicle engineering
- + Cement, lime & building materials
- + Chemical & petrochemical industry
- + Coating and printing industry
- + Electronics & semiconductor industry
- + Energy & resources
- + Food & consumer goods industry
- + Forest products
- + Metals & mining
- + Pharmaceutical industry
- + Recycling & waste management

# EXPERIENCE IS IN THE AIR



## REALIZE YOUR IDEAS USING OUR PRODUCTS

Are you interested in our products and services?

Do you need more information?

We are here for you!



**CTP Chemisch Thermische Prozesstechnik GmbH**  
Schmiedlstrasse 10, 8042 Graz, Austria  
Phone: +43 316 4101-0, [office@ctp.at](mailto:office@ctp.at),  
[www.ctp-airpollutioncontrol.com](http://www.ctp-airpollutioncontrol.com)

**CTP Air Pollution Control GmbH**  
Hunds Dorf 23, 9470 St. Paul im Lavanttal, Austria  
Phone: +43 316 4101-0, [office@ctp.at](mailto:office@ctp.at)  
[www.ctp-airpollutioncontrol.com](http://www.ctp-airpollutioncontrol.com)