

# AIR POLLUTION CONTROL LEADER

The right partner. The right solution. The right choice.





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#### **INDUSTRIES SERVED:**

Cement & Lime
Metals & Mining
Coal & Oil Power
Waste-to-Energy & Biomass Power
Biomass & Pulp and Paper
Oil & Gas

Redecam offers highly engineered air pollution control (APC) solutions helping customers all over the globe meet their air emission reduction targets rapidly and cost-effectively. Our track record is strong with over 2,000 projects in more than 85 countries and on every continent.

Over the past 30 years, Redecam has designed, manufactured, installed and commissioned new market-leading air filtration and flue gas treatment (FGT) systems that consistently outperform and outlast the competition. We also specialize in customized retrofit, transformation and upgrade solutions, which use your existing equipment's casing and parts and offer you a cost-effective, high performance solution with a quick turnaround.

# WHY CHOOSE US?

#### Our unsurpassed performance

We have installations operating at < 2.5 mg/Nm³, well under the U.S.'s NESHAP requirement of < 10 mg/Nm³.

#### Our comprehensive FGT portfolio

Our wide variety of tailored flue gas treatment options are up to 98% effective.

#### Our turnkey solutions

We expertly manage projects, from design through to commissioning, even in remote areas.

#### Our reliable, market-leading products

We have devices installed 25 years ago that still achieve the strictest emission requirements.

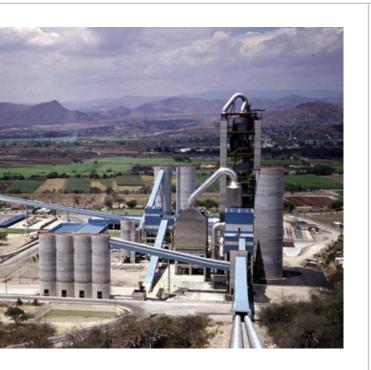
#### Our technical support and services

We help protect your investment, with Long-Term Service Agreements (LTSAs) through to on-site training.

Our strength is tailoring the right solution at the right price to surpass your expectations.



# NEW BUILDS



Our capacity to design, manufacture, install and commission both air filtration and flue gas treatment solutions makes us a one-stop shop in terms of air pollution control.

#### Why Us?

- Our extensive project management experience. We have completed over 2,000 projects and have been awarded for our excellence in project management.
- Our rapidity. We are experts at getting a project done in record time – often in half the time our competitors quote.
- Our flexibility. We customize our products, our entire solutions, our installation and our technical support and services to suit your emission targets, space, layout and timeline.
- Our budget consciousness. We propose manufacturing exterior components in-country to reduce your costs and offer jobs in your region.

# OPTIMIZING SYSTEMS



We specialize in retrofits, transformations and upgrades: replacing existing internal devices with new market-leading equipment while preserving exterior components. These solutions are cost-effective and will perform as well as or better than some new systems.

Our retrofits, transformations and upgrades offer you:

- The performance of a new system. We can change the inner parts of your existing devices and can often reduce emissions to < 5 mg/Nm³, much less than the U.S.'s National Emission Standards for Hazardous Air Pollutants' (NESHAP) requirement of < 10 mg/Nm³.
- A lower CAPEX alternative. You save money by keeping exterior components and reusing existing ancillary equipment.
- **Compliance with emissions regulations.** We can add FGT to existing air filtration systems, ensuring your plant's adherence to incoming legislation.
- **A rapid option.** Installation and commissioning can often be done during regular downtime.
- **Possibilities, even for new customers.** Our retrofits, transformations and upgrades are available on equipment from other OEMs.





# OUR PRODUCTS

#### - AIR FILTRATION

- Bag Filters (baghouses)
- Electrostatic Precipitators
- Dual-Action Filters
- Extreme High Temperature (EHT) Filters
- RedTech® Filter Bag System
- Dual-Input Integrated Systems
- Cyclones
- Nuisance Filters

#### - GAS CONDITIONING

- Gas Conditioning Towers
- Gas-to-Air Heat Exchangers
- Water Injection Systems
- Mixing Chambers

#### FLUE GAS TREATMENT

- DeNO<sub>v</sub>
  - Selective Catalytic Reduction (SCR)
  - Selective Non-Catalytic Reduction (SNCR)
  - Hybrid (SCR/SNCR)
- Mercury Adsorption System
- Carbon Capture
- Dry Injection Desulfurization

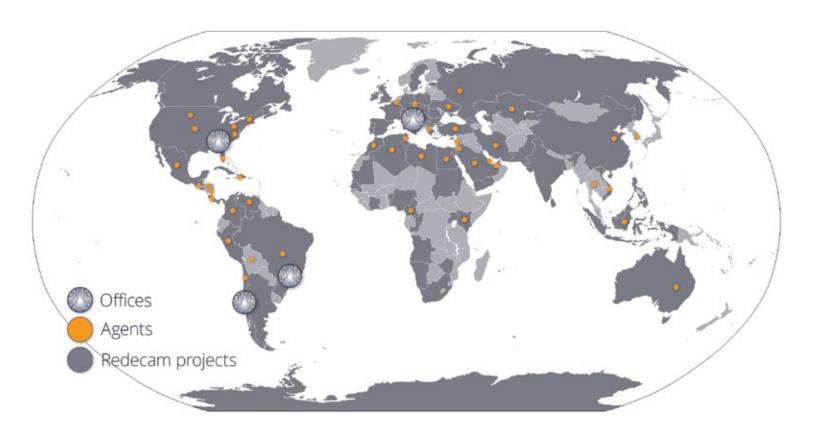
#### TRANSPORTATION, HANDLING AND STORAGE

- Screw Conveyors
- Pneumatic Transport Systems
- Hoppers
- Silos
- And more...

Our solutions can reduce or eliminate the emission of dust, mercury, nitrogen oxides, sulfur, hydrochloric acid, furans, dioxins, other heavy metals and carbon dioxide.

Our engineers create exceptional products and systems. Innovations such as our Bag Filter's SPS bag fixation system ensuring 100% casing tightness, Redecam's Rigid Emission Electrode (RREE) system optimizing our Electrostatic Precipitator's (ESP's) performance and our Dual-Action Filter combining our ESP with our Bag Filter to achieve unparalleled effectiveness, are examples of why we remain market leaders.

As legislation around the world becomes increasingly strict in regards to pollutant emissions, Redecam has been developing a variety of methods tailored to each industry to reduce flue gas contaminants. Our One-Step Cleaning Solution is a cost-effective and compact way to meet all strict incoming legislation. Our FGT systems are low maintenance, environmentally friendly with re-usable by-products, and our recirculation option offers low reagent consumption – all meaning lower operating costs for you.



# OUR GLOBAL REACH

We have customers in over 85 countries and on every continent, including Antarctica. We have offices in Europe, North America and South America as well as a team of agents around the globe offering you local service and support.

Contact us today to find out how we can deliver your tailored air pollution control solution.

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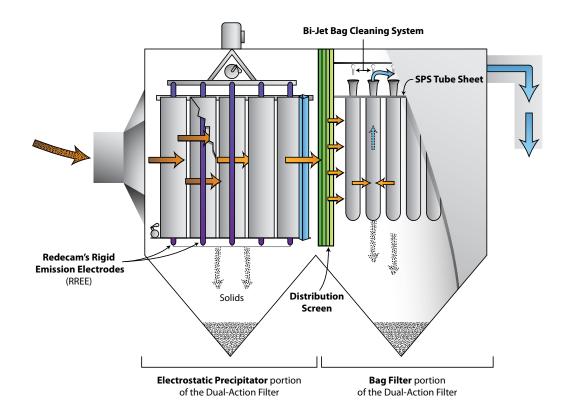
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# INNOVATION

We have over 30 years' worth of successes, developing many market-leading solutions with our own proprietary technology that have proven to offer unparalleled performance and reliability. Among our innovative systems: our Dual-Action Filter, offering you the greatest advantages of both our Bag Filter and our ESP. It combines these two devices in one casing, providing you with optimum particulate removal efficiency, at a lower cost than traditional air filtration solutions.



Our engineering team is motivated by innovation, constantly looking for methods to further improve our products and solutions. Indeed, what sets our engineers apart is their flexibility and willingness to re-design, re-sequence and even re-imagine our APC systems in order to fit your specific space, performance and investment needs.

## We develop customers for life.



