

# EXPERTS IN HUMIDITY MANAGEMENT

# WE CONTROL THE HUMIDITY SO YOU CAN CONTROL EVERYTHING ELSE

Cotes is in business to apply our unique expertise about all aspects of humidity management based on adsorption technology, and to put this know-how to work ensuring that our customers derive maximum benefit from controlling levels of moisture in the air.

Our aim is to provide our customers with superbly engineered, high-quality adsorption dehumidification solutions designed to help them boost the efficiency and profitability of key business operations.

Effective humidity management provides a wealth of practical, financial and energy-saving benefits, as well as a degree of control over operating conditions that is often crucial for future profitability. When our customers contact us, we will be as open, forthright and helpful as possible in helping them achieve such control.

# CONTROLLING HUMIDITY

## Get control of conditions

Cotes adsorption dehumidifier systems remove moisture from any volume of air that passes through them. We're world-leader experts in helping our customers establish full control of the levels of moisture in the air – anywhere, any time.

Our expert know-how about how best to apply adsorption dehumidification technology enables companies to establish and maintain full control over levels of humidity in industrial processes, buildings, structures, installations and equipment.

## Roll back costs

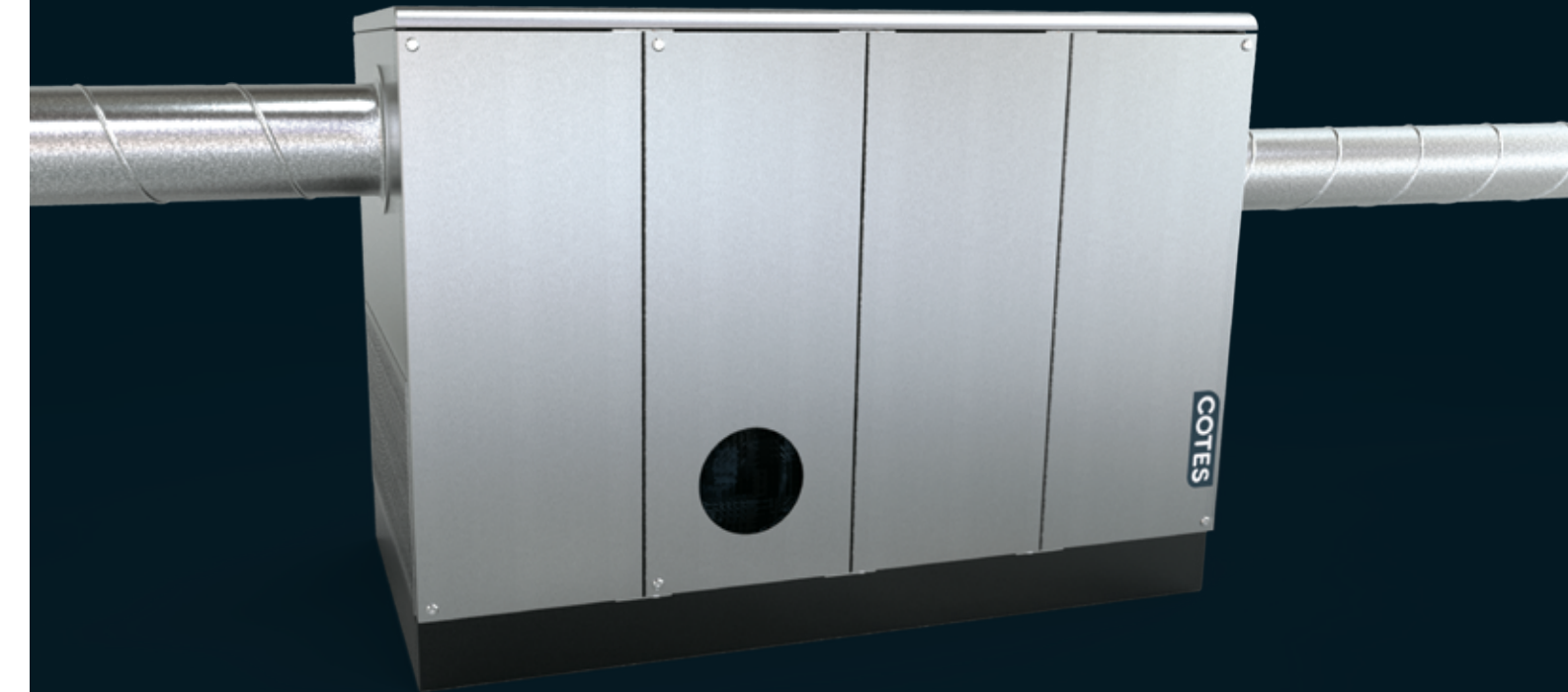
Effective control of humidity enables companies in many different industries to roll back both operating and maintenance costs as well as to extend the service life of investment-heavy assets such as wind turbines, offshore installations, ships, vehicles and aircraft.

## Improve quality

Controlling humidity helps make it easier to tackle practical problems that cause costly glitches in product quality and process efficiency – things like seasonal fluctuations, condensation, corrosion and rust, bacterial growths, mould and powder clumping.

## Boost productivity

Cotes humidity management solutions make it possible to notch up productivity in many different industries, by making sure that a wide range of operating conditions and efficiency parameters can be adhered to. This improves both uptime and profit margins.



# THE COTES ADVANTAGE

### Robust and resilient

Cotes adsorption dehumidifiers are robust, top-quality units developed, designed and engineered by specialists who are some of the world's leading experts in this field.

### Easy to maintain

Cotes dehumidification equipment is simple, dependable and inexpensive to service and maintain, to provide you with humidity management you can rely on.

### Easy to control

Microprocessor-based control units and advanced sensors make sure Cotes dehumidifiers are easy to control, with the exact degree of automation you require.

### Reliable operation

Cotes dehumidifiers are designed to withstand constant use, and work exactly as intended to provide you with completely reliable humidity management.

### Energy efficient

Cotes dehumidifiers are designed to use as little energy as possible to achieve maximum effect, and can be powered by virtually any available source of energy.

### Low operating costs

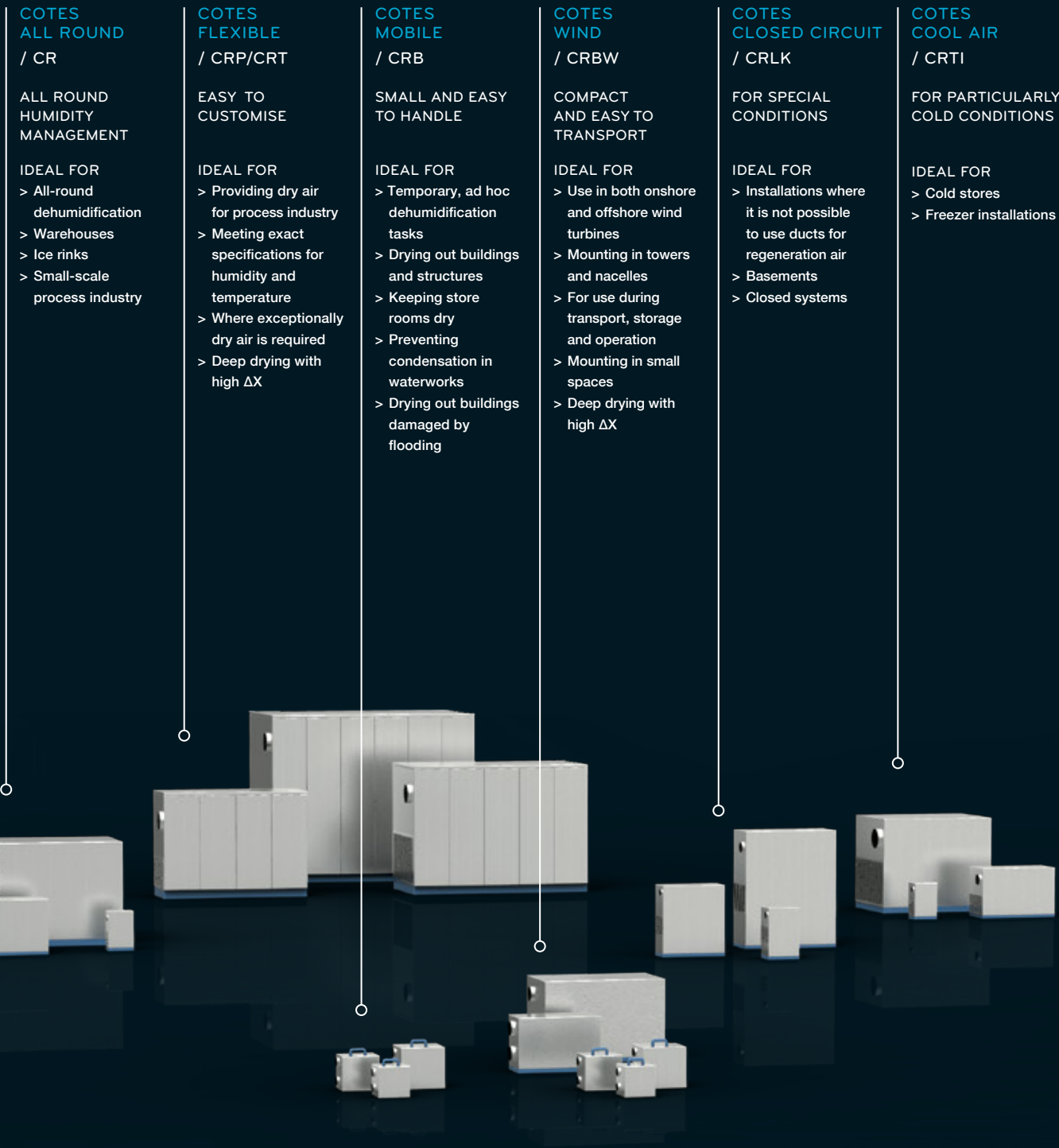
Cotes dehumidifiers have a long service life and are remarkably cheap to run. They also provide you with big-time savings on other aspects of your operations.

### Full control

We provide you with the most technically effective adsorption dehumidification solutions currently available, featuring a wide range of control units and sensors that make it easy to regulate both humidity and dew point in any installation.

These enable you to establish and maintain full control over humidity conditions, protecting your operations, your equipment and your quality standards, as well as giving you the best possible return on investment.

## COTES PRODUCT RANGE



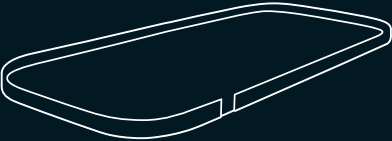
Cotes dehumidifiers are available with a wide range of control units and sensors that make it easy to regulate both humidity and dew point in any installation.

# BENEFITS FOR MANY INDUSTRIES

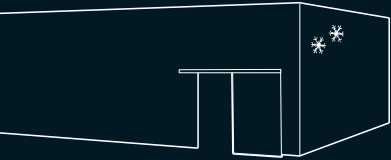
Cotes adsorption dehumidifier systems are used throughout the world in (for example)

- > Wind turbines
- > Pharmaceutical production
- > Spray drying installations
- > Lithium-ion battery production facilities
- > Food industry production facilities
- > Waterworks
- > Warehouses and storage facilities
- > Ice rinks and indoor winter sports venues
- > Building dehumidification

ICE RINKS  
SIGNIFICANTLY REDUCED  
OPERATING COSTS AND  
FEWER CONDENSATION PROBLEMS



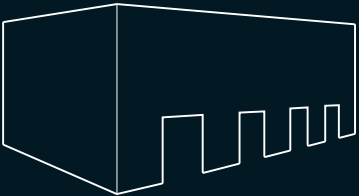
COLD STORES  
LESS ICE FORMATION  
AND SIGNIFICANTLY  
REDUCED OPERATING COSTS



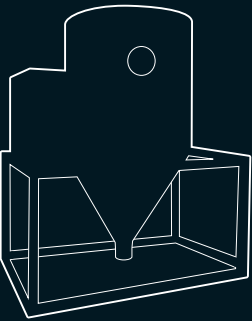
WIND TURBINES  
75%  
REDUCED SPEED  
OF CORROSION



STORAGE FACILITIES  
AVOIDS COSTLY, DISRUPTIVE  
DAMAGE TO GOODS WHILE  
IN STORAGE

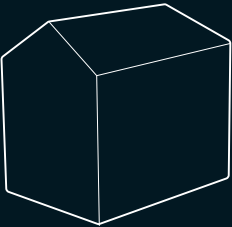


SPRAY DRYING INSTALLATIONS  
35%  
INCREASED DRYING  
CAPACITY

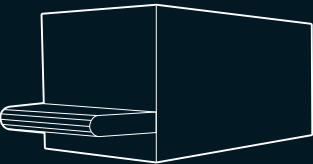


LITHIUM-ION BATTERY  
PRODUCTION  
PRODUCTION NOT POSSIBLE  
WITHOUT LOW DEW POINT

BUILDING SITES  
AND DAMAGE CONTROL  
SIGNIFICANTLY REDUCED  
MAINTENANCE AND REPAIR COSTS



FREEZER TUNNELS  
50%  
GREATER EFFICIENCY

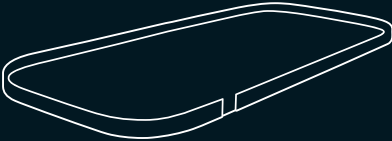


WATER WORKS  
SIGNIFICANTLY REDUCED  
MAINTENANCE AND  
REPAIR COSTS

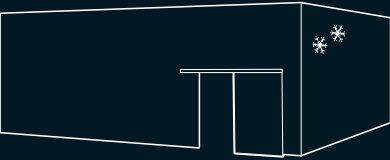


# SIGNIFICANT ENERGY SAVINGS

ICE RINKS  
70-80%



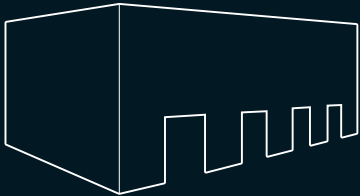
COLD STORES  
10%



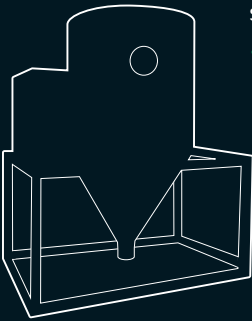
WIND TURBINES  
90%



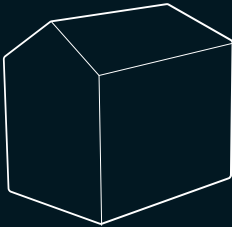
STORAGE FACILITIES  
60%



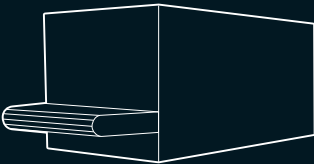
SPRAY DRYING INSTALLATIONS  
15%



BUILDING SITES  
AND DAMAGE CONTROL  
15%



LITHIUM-ION BATTERY  
PRODUCTION  
30%



FREEZER TUNNELS  
SIGNIFICANTLY REDUCED  
ENERGY CONSUMPTION

WATER WORKS  
SIGNIFICANTLY REDUCED  
ENERGY CONSUMPTION



## CLOSE TO YOU

We have a worldwide network of Cotes experts ready to provide you with solutions to virtually any humidity management requirement.



Avenida da Conduta, 836

4420-619 GONDOMAR

PORTUGAL

Tel: (+351) 22 372 03 92

info@climaconforto.pt

Fax: (+351) 22 379 09 08

www.climaconforto.pt

YOUR LOCAL COTES REPRESENTATIVE

TALK TO US ABOUT WHAT'S POSSIBLE

COTES A/S

DENMARK

+45 5819 6322

INFO@COTES.COM

COTES.COM