



## Airport hubs and platforms

Engineering & consulting  
for environment  
and infrastructure

Antea Group

Understanding today.  
Improving tomorrow.

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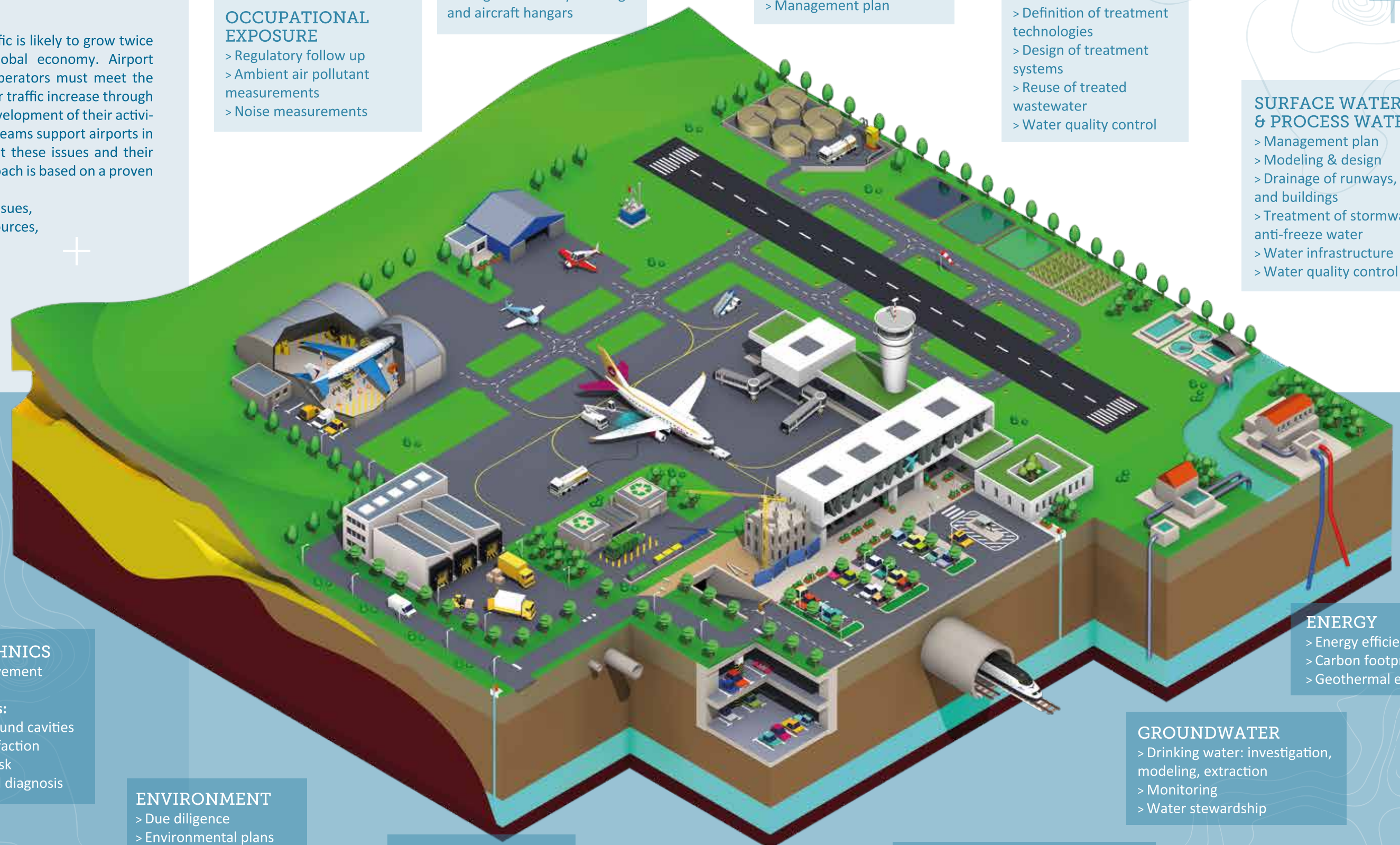




## Environmental and infrastructure expertise for airports

Worldwide air traffic is likely to grow twice as fast as the global economy. Airport contractors and operators must meet the challenge of this air traffic increase through the sustainable development of their activities. Antea Group teams support airports in taking into account these issues and their impacts. Our approach is based on a proven methodology:

- > understand the issues,
- > preserve the resources,
- > limit the impacts.



### INFRASTRUCTURE

- > Airport master plan
- > Terminal design
- > Runway design: pavement, signaling, drainage
- > Road accesses
- > Design of auxiliary buildings and aircraft hangars

### CONTAMINATED SOIL MANAGEMENT

- > Contamination diagnosis
- > Soil and groundwater remediation
- > Risk assessment
- > Management plan

### DOMESTIC AND INDUSTRIAL WASTEWATER

- > Treatment audit
- > Definition of treatment technologies
- > Design of treatment systems
- > Reuse of treated wastewater
- > Water quality control

### SURFACE WATER & PROCESS WATER

- > Management plan
- > Modeling & design
- > Drainage of runways, taxiways and buildings
- > Treatment of stormwater & anti-freeze water
- > Water infrastructure
- > Water quality control



### GEOTECHNICS

- > Soil improvement
  - > Drainage
- Natural risks:**
- > Underground cavities
  - > Soil liquefaction
  - > Seismic risk
  - > Structural diagnosis

### ENVIRONMENT

- > Due diligence
- > Environmental plans
- > Environmental & social impact assessments
- > Permitting



### SOLID WASTE MANAGEMENT

- > Audit
- > Characterization
- > Sorting, collecting plans
- > Energy recovery

### DISMANTLING

- > Asbestos removal
- > Lead removal
- > Dismantling waste recycling

### ENVIRONMENTAL DATA MANAGEMENT

- > Acquisition, validation, data banking, treatment, communication

### ENERGY

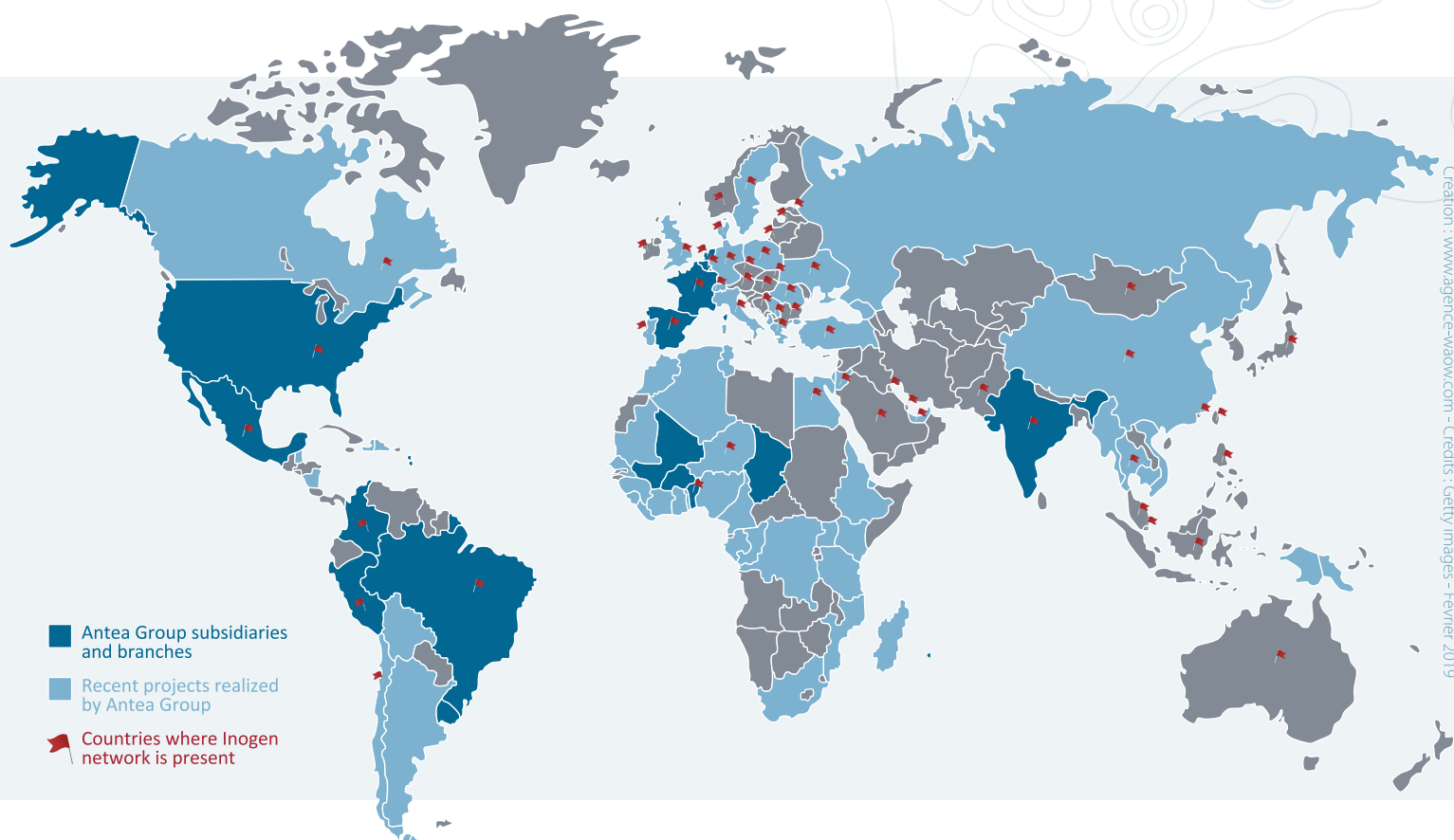
- > Energy efficiency audits
- > Carbon footprint
- > Geothermal energy

### GROUNDWATER

- > Drinking water: investigation, modeling, extraction
- > Monitoring
- > Water stewardship







## INTERNATIONAL PLAYER

With more than 3,100 employees in over 80 offices in Europe, America, Asia, Africa, Antea Group combines strategic thinking and multidisciplinary perspectives with technical expertise and pragmatic action to effectively solve client challenges while delivering sustainable results for a better future.

We have established trustworthy relationships with a wide range of customers for more than 70 years: private companies, international industries, IFIs, municipalities, local and national public authorities.

Antea Group is a founding partner of the Inogen Environmental Alliance, a global network of consultancies with over 6,400 staff worldwide.

Contact us to get more information about our services and reach our experts in your country:

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