AIRPORTS

REINFORCED EARTH
SUSTAINABLE TECHNOLOGY

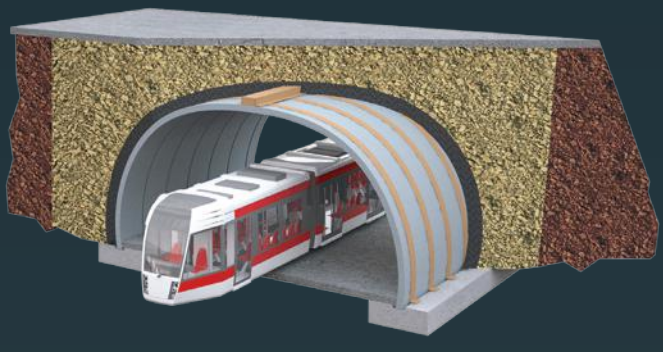
TECHNIQUE

Reinforced Earth®

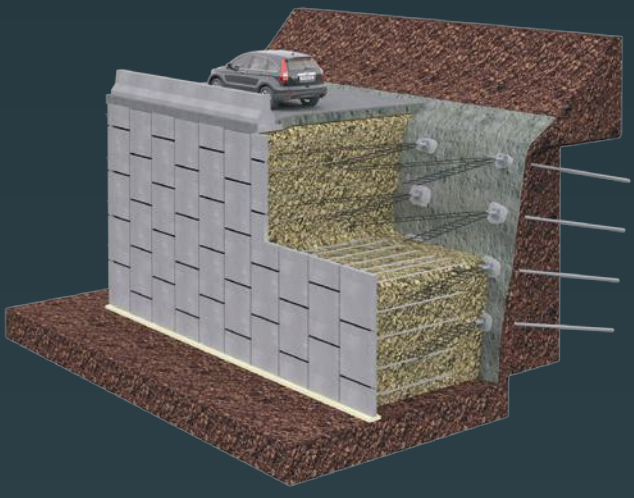
The original Reinforced Earth® technique combines select granular, engineered backfill with steel or synthetic tensile reinforcements and a modular facing system. This ideal combination creates a durable, mass gravity retaining wall.

TechSpan®

TechSpan® is a precast concrete arch system associated with an engineered backfill.



TerraLink™



TerraLink® allows building new Reinforced Earth type walls connected to retaining structures such as slopes stabilized by nailing or existing retaining wall.

REINFORCED EARTH

CONSTRUCTIVE SOLUTIONS FOR YOUR AIRPORT PROJECTS

INCREASING LAND AVAILABILITY & OVERCOMING GEOTECHNICAL CONSTRAINTS

Airports are often located in areas where their expansion is made complex by the lack of space or the presence of hills, coastal areas and natural water channels. Reinforced Earth® enables **reduction in land use**, allowing expansion in even restricted environments.

SUPPORTING HEAVY LOADS

Even for high walls, our structures are **able to bear loads** generated by large aircrafts such as the Airbus A380 and Boeing 747.

ENSURING PLANNING

The rapid and predictable installation procedures with minimal disruption of traffic making our structures a sensible choice to **meet your construction deadlines**.

CARING ABOUT AESTHETICS

Within an airport, structures such as access ramps, bridge abutments, roadway retaining walls are often visible to the public. The Reinforced Earth Company has the ability to turn your retaining walls into a visually pleasing work of art by offering limitless **aesthetic possibilities**.

DECREASING THE ENVIRONMENTAL IMPACTS

Our techniques allow the use of recycled construction materials; providing you better quality and **increased service lifetime**.

The worldwide lea
of **reinforced soils** f
your airport

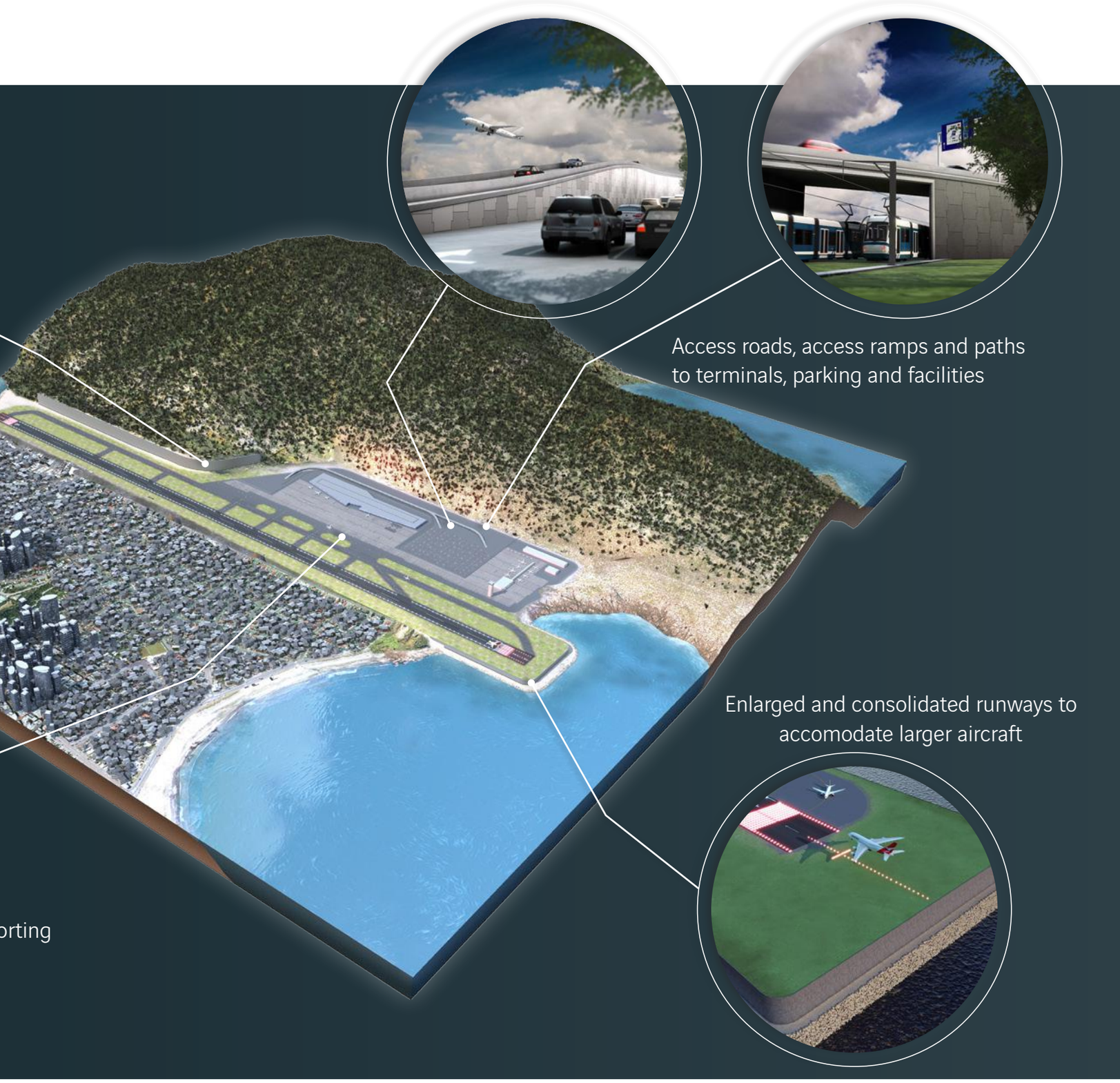
an

Construction in mountainous or coastal areas

Underpasses suppo
heavy loads

ader
or

new constructions,
expansions, renovations
d **upgrades**.



Access roads, access ramps and paths
to terminals, parking and facilities

Enlarged and consolidated runways to
accomodate larger aircraft

orting

MORE THAN
150
AIRPORT PROJECTS
REALIZED


Congonhas Airport, Sao Paulo, Brazil


Manchester Airport, USA


Heathrow Terminal - UK


Seattle Tacoma Airport, USA


Toronto Pearson Airport, Canada


Mumbai Airport, India

REINFORCED EARTH®
FACINGS,
A FULL RANGE
AVAILABLE


Terra Class®


Terra Trel®


Tiered Walls


Terra Square®

REINFORCED EARTH
SUSTAINABLE TECHNOLOGY

A WORLDWIDE NETWORK OF EXPERTS FOR YOUR PROJECTS

Our engineers provide their assistance at every stage of the project:

+ Conception and feasibility
+ Design
+ Procurement
+ Construction
+ Maintenance
+ Upgrade

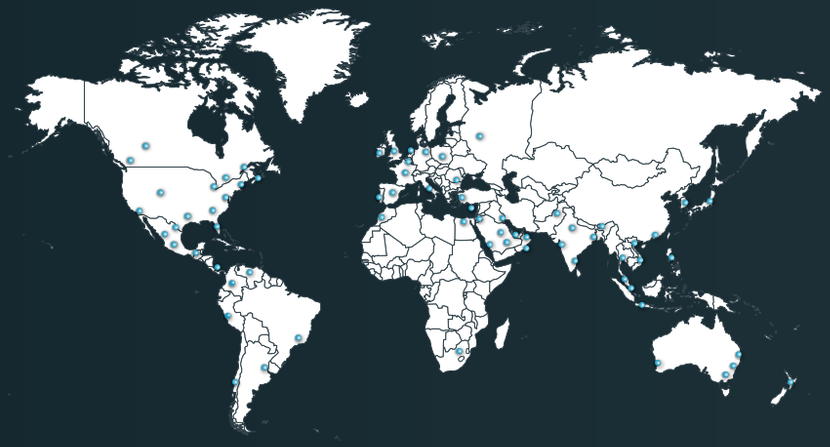
Experience

Reliability

Solution Provider

Reinforced Earth enables the airport projects stakeholders, owners, consulting engineers, architects and main contractors, to benefit from the experience collectively accumulated for more than half a century.

Presence in more 40 countries on 5 continents



REINFORCED EARTH
since 1970

To contact a regional manager and learn more about RECo products and services please visit
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