

TECHNIQUE

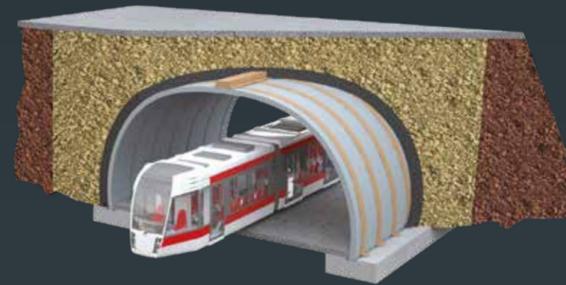
Reinforced Earth®



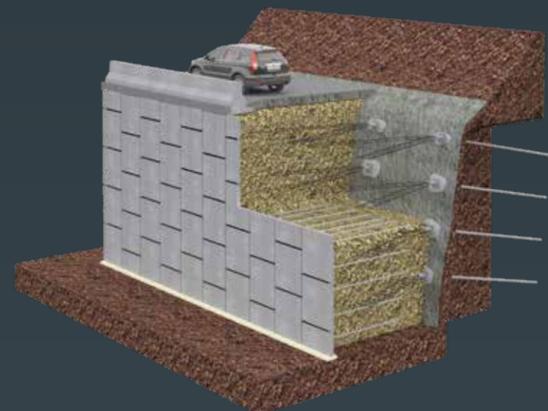
The original Reinforced Earth® technique combines select granular, engineered backfill with steel or synthetic tensile reinforcements and a modular facing system. This ideal combination creates a durable, mass gravity retaining wall.

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.



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

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

Reliability

Solution Provider

Presence in more 40 countries on 5 continents



OIL & GAS



www.terre-armee.com

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Expertise and experience of the worldwide leader in Mechanically Stabilized Earth structures

AN ACTIVE PARTNER FROM
UPSTREAM TO DOWNSTREAM

Delivering infrastructure solutions
that are vital for your Oil & Gas Projects

SITE ACCESS & LAND DEVELOPMENT

Together with the project stakeholders, we rise to the challenge of **building structures that allow access and workability for extraction, storage and production.**

- + Construction on poor and marginal soils
- + Straightforward construction at sites, even in remote areas regardless of weather constraints

CONTAINMENT & RISK MITIGATION

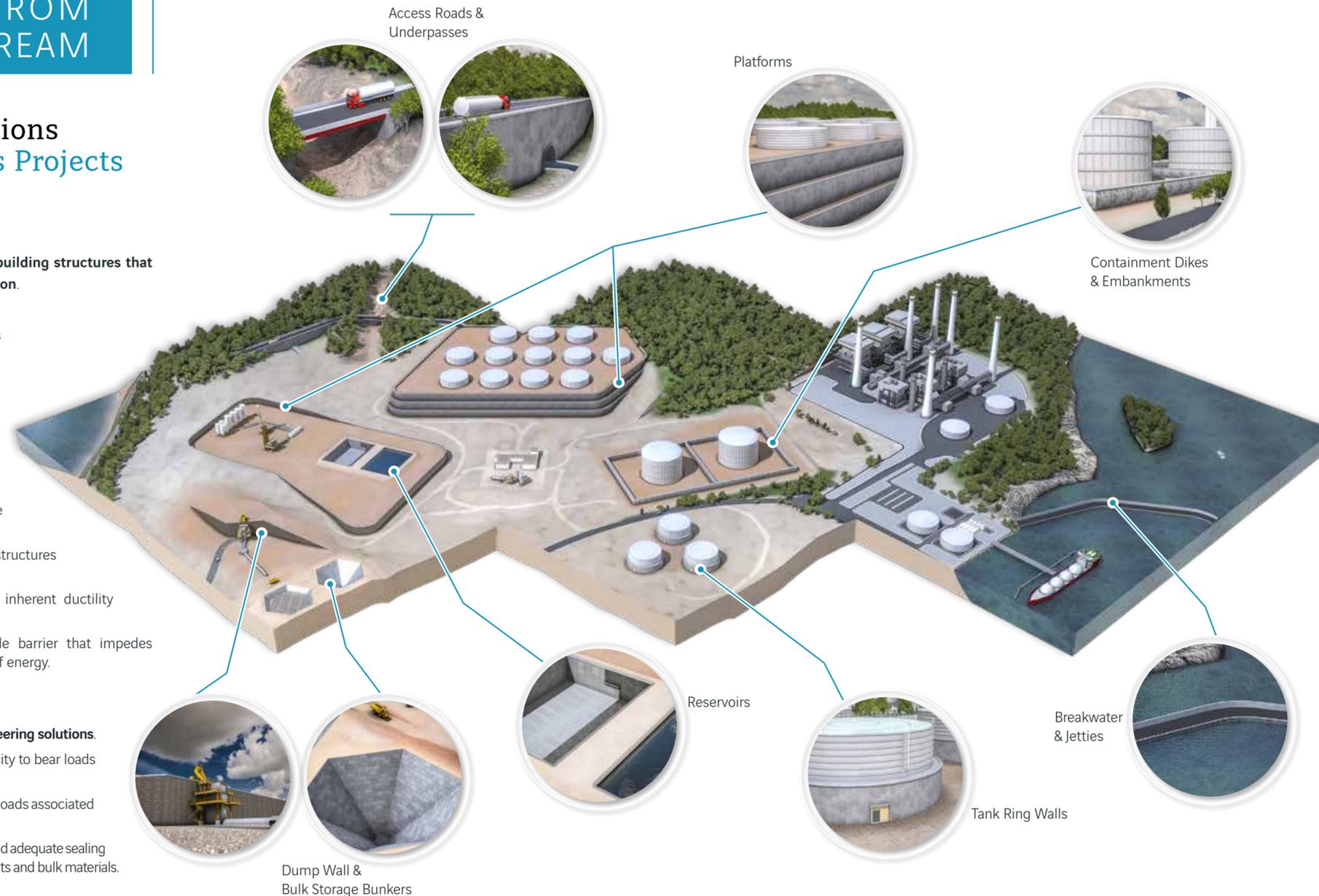
Through their **intrinsic characteristics** our structures contribute toward mitigating environmental and industrial risks.

- + **Contain accidental flooding of aggressive liquids:** Reinforced Earth® structures are proven to withstand the drastic impact of the leakage and ignition of cryogenic volatile fluids.
- + **Resist fire & thermal shock:** Materials that constitute our structures are substantially nonflammable and fire-resistant.
- + **Absorb stresses induced by seismic activity** as a result of the inherent ductility and resilience of our structures.
- + **Protect against explosions:** Reinforced Earth® is a highly stable barrier that impedes the propagation of a blast at ground level and absorbs high levels of energy.

PRODUCTION PROCESS & STORAGE

The versatility of Reinforced Earth® allows the design of **high-level-engineering solutions.**

- + **Support heavy loads:** Even for tall walls, our structures have the capacity to bear loads generated by cranes, piling rigs and other heavy equipment.
- + **Withstand vibrations:** Reinforced Earth® structures are resistant to the loads associated with industrial processes such as crushing, screening and fracturing.
- + **Constructive solution for storage:** Eventually combined with appropriate and adequate sealing materials, our structures are adapted to the storage of liquids, waste outputs and bulk materials.



LOCAL EXPERIENCE
WORLD EXPERTISE



From early concept design through bankable feasibility to construction **our team is dedicated to your success**

