



Build on us



World leader in
foundations and soil
technologies





4,000
projects per year

10,000
employees

€1.6bn
turnover

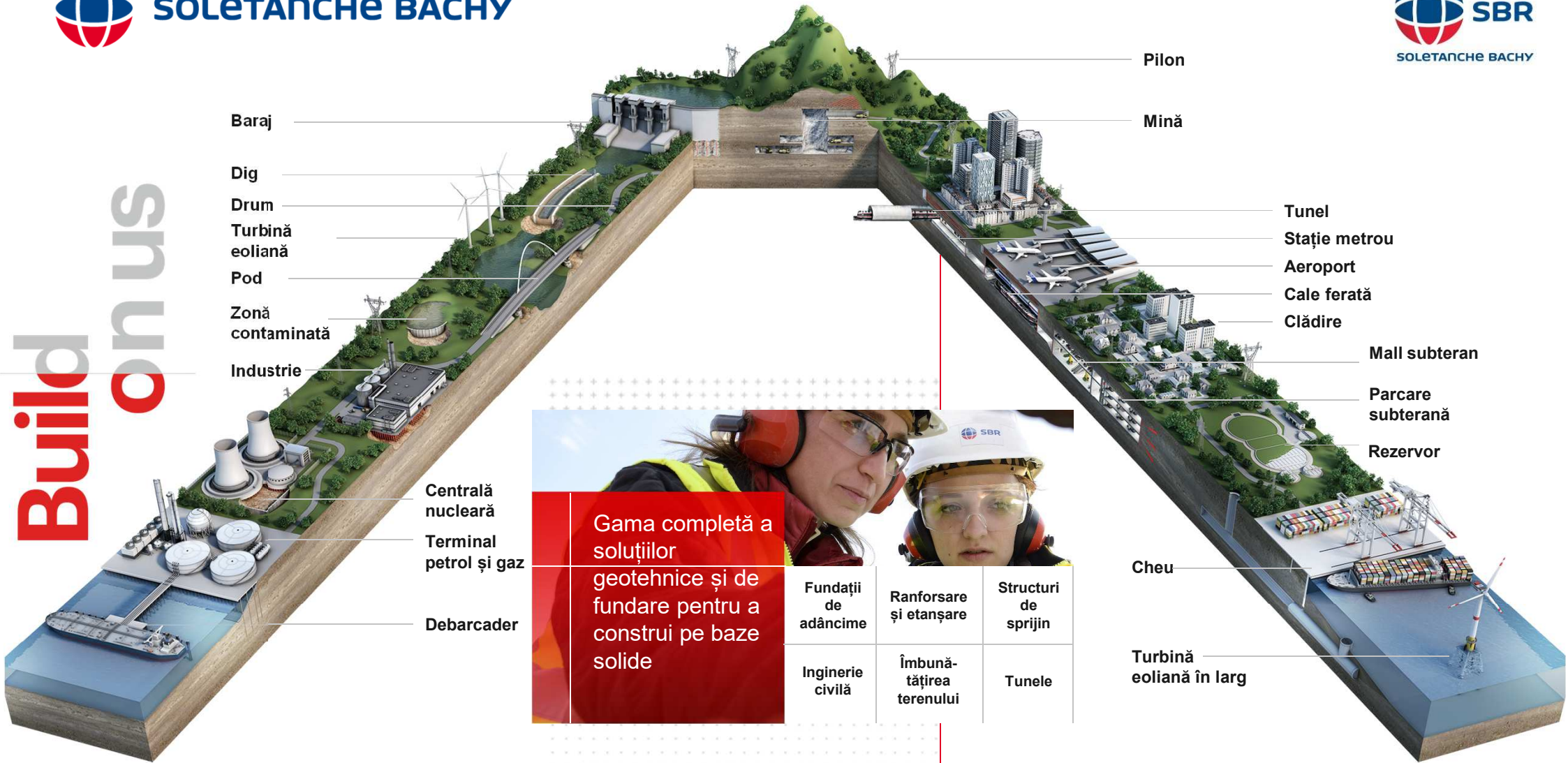
80
subsidiaries on five continents



SOLETANCHE BACHY



Build on us



Gama completă a soluțiilor geotehnice și de fundare pentru a construi pe baze solide

Fundații de adâncime	Ranforsare și etanșare	Structuri de sprijin
Inginerie civilă	Îmbunătățirea terenului	Tunele

Innovation
is in our DNA

60
innovation
awards

More than
500
patents

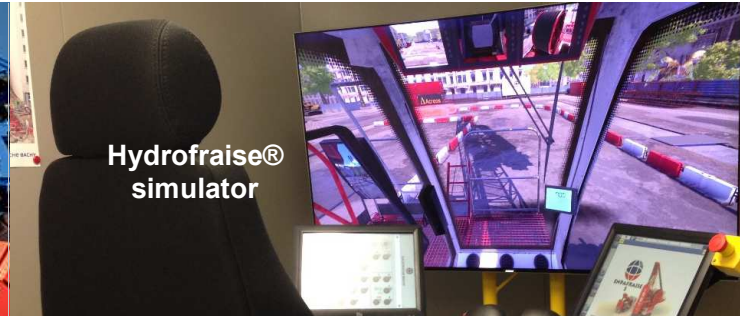
More than
30
internal design
offices

More than
200
design engineers

An R&D unit
dedicated to
digital



Tunnel boring
machines



Hydrofraise®
simulator



Hydrofraise®

Z-Lyze

Biocalcis®

Hydrofraise®
with grippers

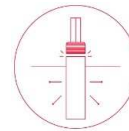
Cutter Soil Mixing

Deep foundations

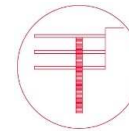
Our deep foundation solutions ensure maximum longevity for your structures, whatever the nature of the ground.

Thanks to our expertise across all deep foundation techniques, Soletanche Bachy can provide the turnkey solution best adapted to your project.

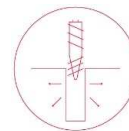
Petronas Towers
Malaysia



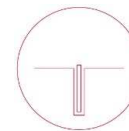
Driven piles



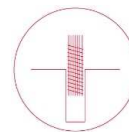
Plunged columns



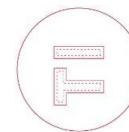
Displacement piles



Micropiles



Bored piles



Barrettes



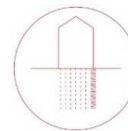


Reinforcing

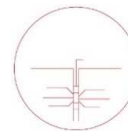
Grand Palais
France

Our reinforcing processes guarantee the durability of your structures, even in the face of hydrology problems or when working in restricted space.

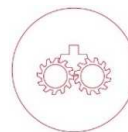
For both new-build and repair, Soletanche Bachy can draw on its wide portfolio of techniques to propose the best solution for your project.



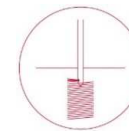
Underpinning



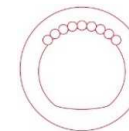
Grouting



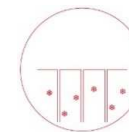
Soil Mixing



Jet grouting



Pipe roofing



Freezing

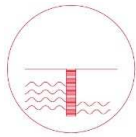
Cut-off walls and soil treatment



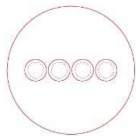
Our waterproofing techniques allow us to manage the presence of ground water to facilitate construction.

Isolating working zones, limiting water infiltration, reducing subsidence: Soletanche Bachy's range of solutions means you can find the most suitable variant for your site.

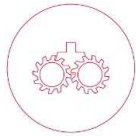
Subansiri Dam
India



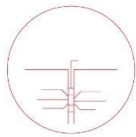
Cut-off walls



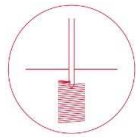
Contiguous bored piles



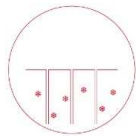
Soil Mixing



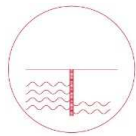
Grouting



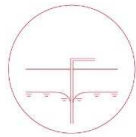
Jet grouting



Freezing



Thin cut-off walls



Ground water lowering

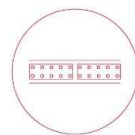


Retaining structures

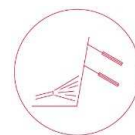


Our retaining structure solutions hold back ground to allow vertical excavations in total safety.

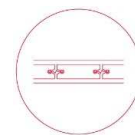
Through our unique portfolio of dedicated solutions, our expertise in geotechnics and civil engineering, and our patented tools, Soletanche Bachy can provide the optimal solution for your construction project.



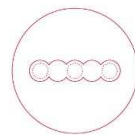
Diaphragm walls



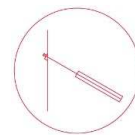
Sprayed shotcrete



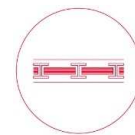
Prefabricated panels



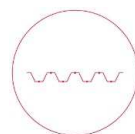
Secant piles



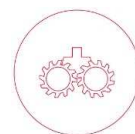
Ground anchors



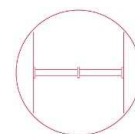
Berlin-type wall



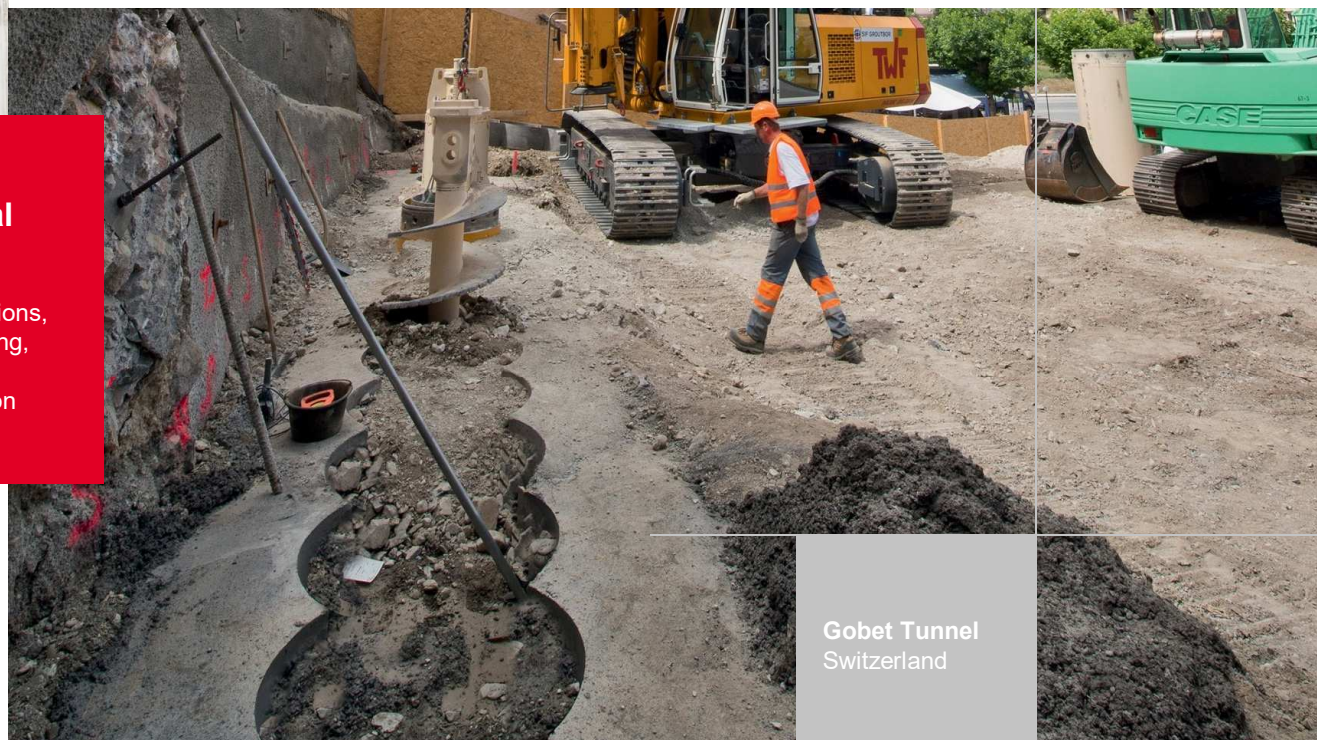
Sheet piling



Geomix®



Struts

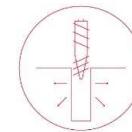


**Gobet Tunnel
Switzerland**

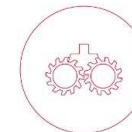
Ground improvement



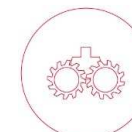
Third runway at
Hong Kong
airport



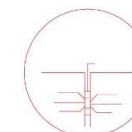
**Displacement
piles**



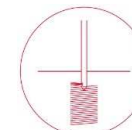
**Soil Mixing
Trenchmix®
Springsol®**



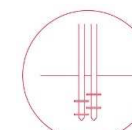
Geomix®



Grouting



Jet grouting

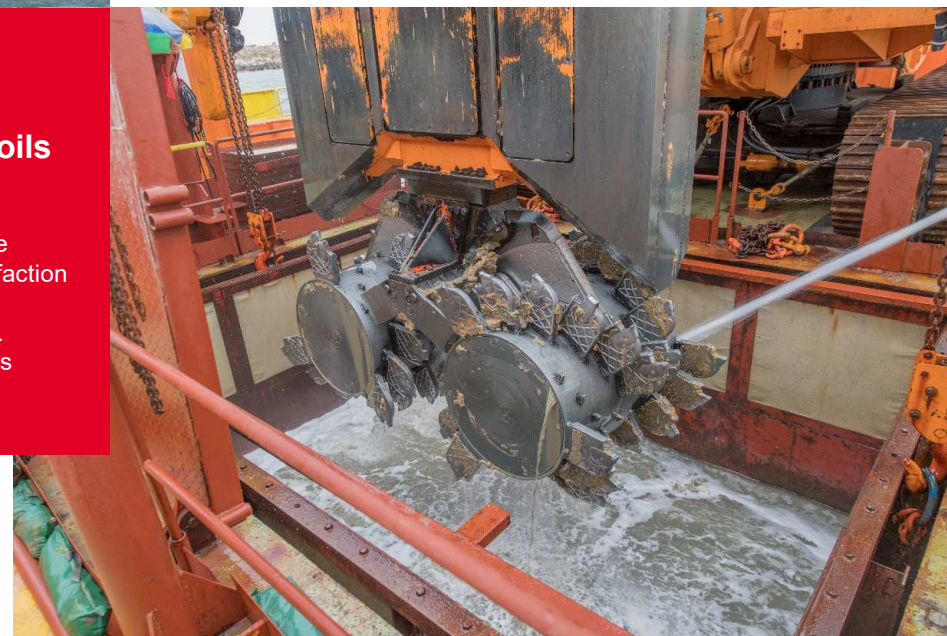


**Single/multiple
auger**

**Our ground improvement techniques
make it possible to build on otherwise
difficult terrain, even on poor quality soils
and in earthquake zones.**

Our processes improve the load-bearing capacity of the ground and reduce the effects of subsidence and liquefaction in case of seismic tremor.

They can even offer an alternative to deep foundations. Soletanche Bachy works with you to select the solutions which best correspond to your project's needs.





We can provide a turnkey service encompassing foundations and civil engineering, specially adapted for port structures.

Through its ForSHORE brand, Soletanche Bachy works with you to optimise management and dimension calculation of your port infrastructure project.

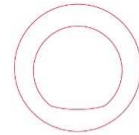
Aguadulce Port,
Colombia



Tunnels



**Mechanically-bored
tunnels**



**Traditional
tunnels**

We offer a full range of solutions for your tunnels, from design through execution and remediation, including excavation, special works, and lining.

Through its specialist subsidiaries Bessac and Soletanche Bachy Tunnels, the Group provides tailored solutions adapted to the needs and constraints of your tunnel projects, and can even produce its own tunnel boring machines.



Our very large range of plant

- **300** crawler cranes
- **200** diaphragm wall plant
- **150** piling machines
- **100** vibroflots
- **200** small diameter drilling rigs
- **70** drilling machines
- **350** grouting pumps
- **30** high pressure pumps for jet grouting
- **20** tunnel boring machines





Our people



BACHY
CONDAX



SOLETANCHE BACHY
ROMANIA



SBR

www.sbr.ro



Vârșolț (Sălaj) Dam



Casa Radio Bucharest



Wind Farm Gemenele



Park Lake Shopping Mall Bucharest



The Office Cluj Napoca



Ion Oblemenco Stadium Craiova



Freelo Wind Tunnel Chitila



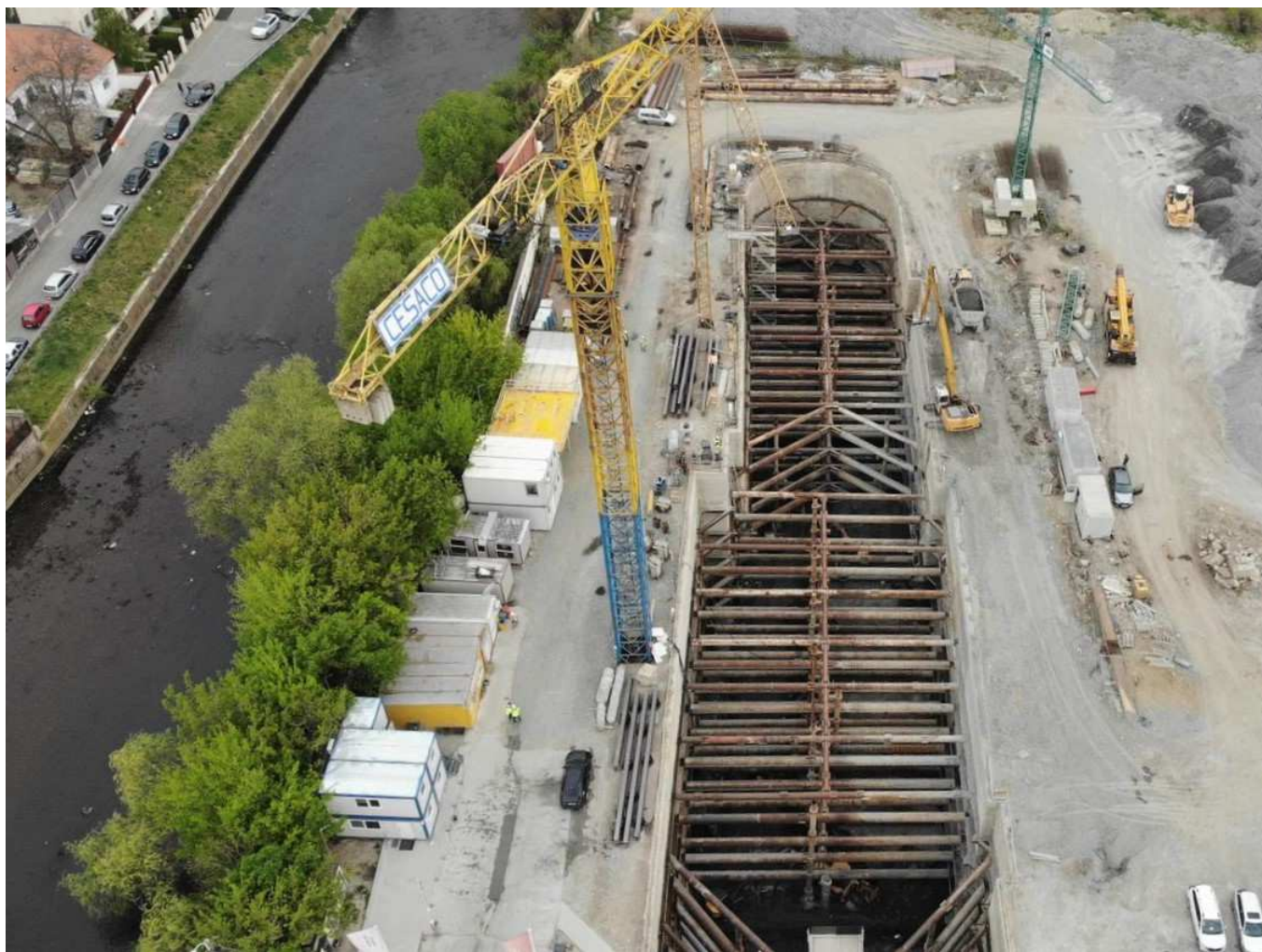
Promenada Shopping Mall Novi Sad Serbia

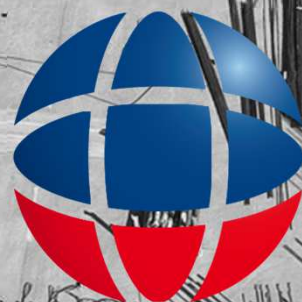




Dacia One Offices Bucharest

Build on us





SBR

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