



FROM CONFORMITY TO PERFORMANCE

MANAGING RISK





OUR ASSETS

OUR REPUTATION



Efficient International network	Recognized Technical expertise	Skilled employees
Recognized & Standards Knowledge	Strong Brand & Reputation built Over 180 years	Ethics Independence & Impartiality
Broad service portfolio	From standard Inspection to Global solutions	First Class Laboratory equipment



BUREAU VERITAS AT A GLANCE

2016 YEAR END FIGURES – REGIONAL BREAKDOWN

€4,55

billion in revenue

69,000

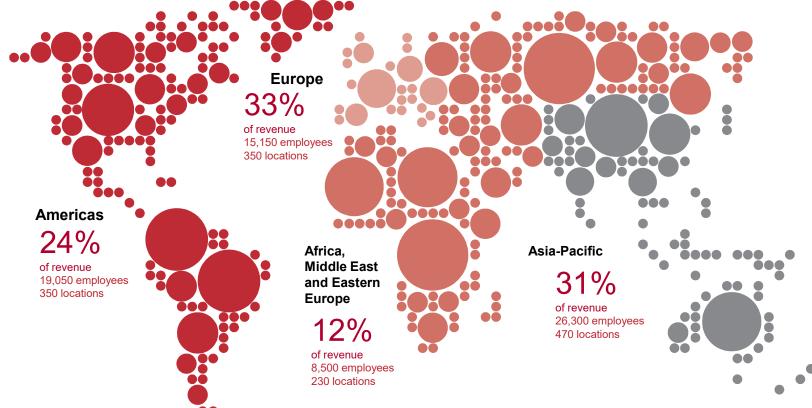
employees

400,000

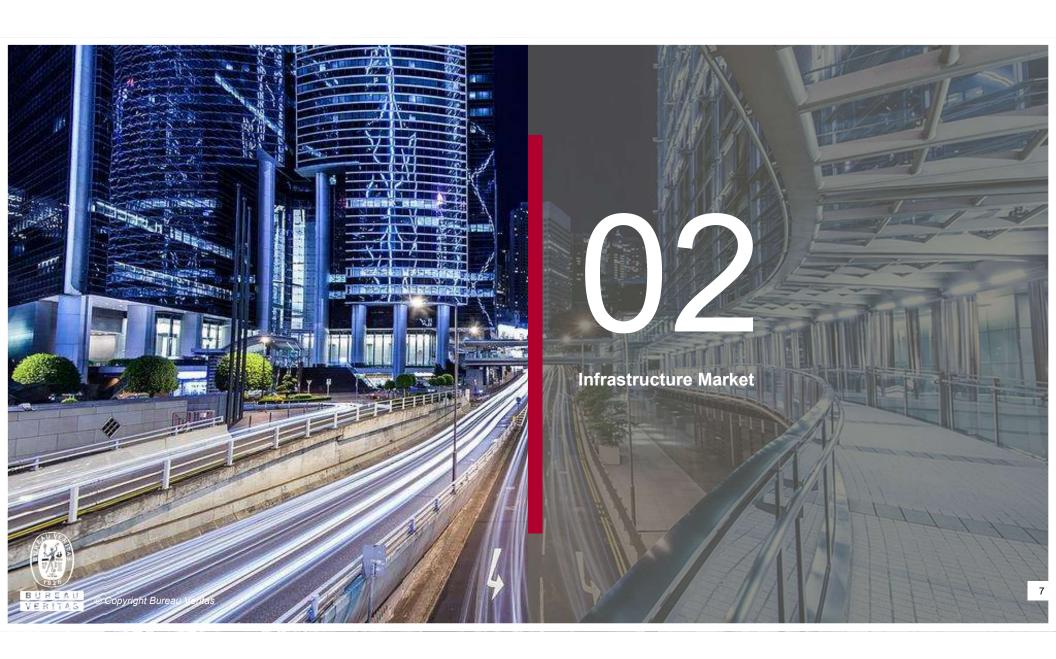
clients

1,400

offices and laboratories in 140 countries

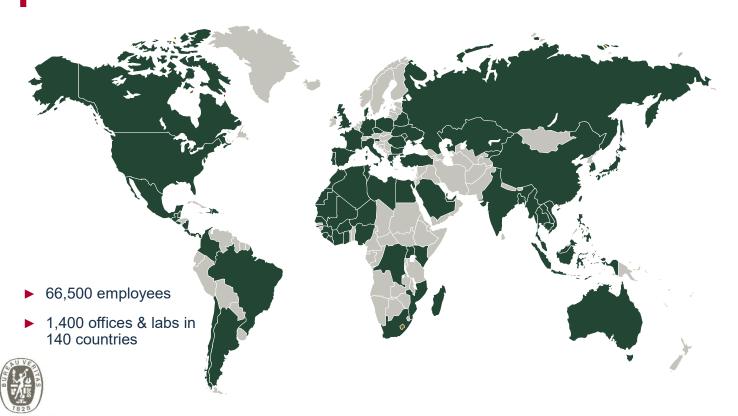






BUREAU VERITAS GLOBAL PRESENCE

AN EXTENSIVE GEOGRAPHIC FOOTPRINT IN INFRASTRUCTURE



Americas

20,100 employees 330 offices & labs

Europe

14,400 employees 400 offices & labs

Middle East Africa Eastern Europe

9,000 employees 260 offices & labs

Asia Pacific

23,000 employees 410 offices & labs

B&I

500 M euro Turnover 7k dedicated engineers

DESIGN AND CONSTRUCTION

YOUR CHALLENGES

DESIGNED TO BE SAFE

FUTURE RELIABILITY

WITHIN BUDGET

SAFE CONSTRUCTION SITE

TAKES INTO ACCOUNT FUTURE REQUIREMENTS





Bureau Veritas helps improve the **quality and perforamnce** of your asset

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OUR ADDED VALUE

ICE: INDEPENDENT CHECKING ENGINEER

VERIFY CONFORMITY

Independent Checking Engineers are suitably qualified, experienced personnel, deployed to client sites to provide Technical Oversight of design and construction activities and compliance with requirements.

They review management plans, work processes, tools, software and deliverables.

Ensure your design conforms to regulations and industry standards





OUR ADDED VALUE

Construction Monitoring

Project Management and Tech Assistance

BV delivers **project management assistance and construction monitoring services** to manage and monitor
the implementation of designs and works

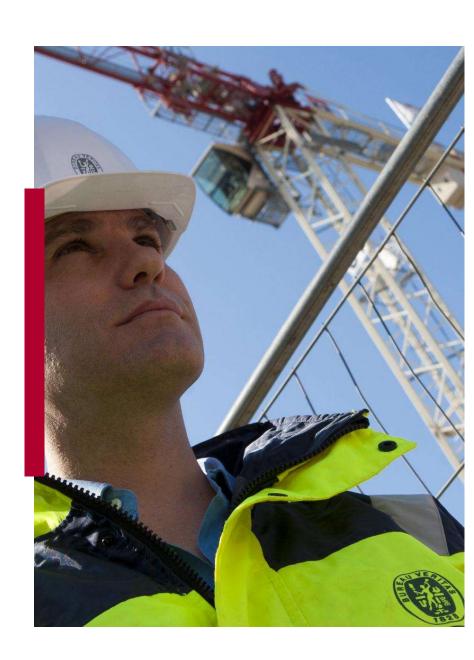
PRI MANGER web-based management tool, allows the full control of the Project and its interaction with the technical procedures necessary to pla**n**.

Control your cost and monitor the construction schedule









OUR SERVICES ALONG THE VALUE CHAIN

FROM DESIGN TO OPERATION



Project Idea, feasibility and Development

- Technical Studies
- Technical Assistance
- Environmental Assessment
- Infrastructure sustainability studies
- Feasibility and Risk
- Regulatory and Standards
- Preliminary geotechnical studies and survey
- Code Compliance & Permitting (CCC)



Study and Design

- Design Review
- Technical due diligence and Audit
- Construction Material analysis and feasibility
- Procurement
- PPP technical due diligence
- Environmental analysis and design audit
- Risk analysis
- Supplier Feasibility Assessment



Construction

- Independent Engineer and Checking
- Technical Supervision and PMC/A Technical control
- Construction material testing and assessment
- Claim assistance
- Site, shop inspection and QA/QC
- Procurement & Supplier Technical Assessment
- · Green Building consultancy



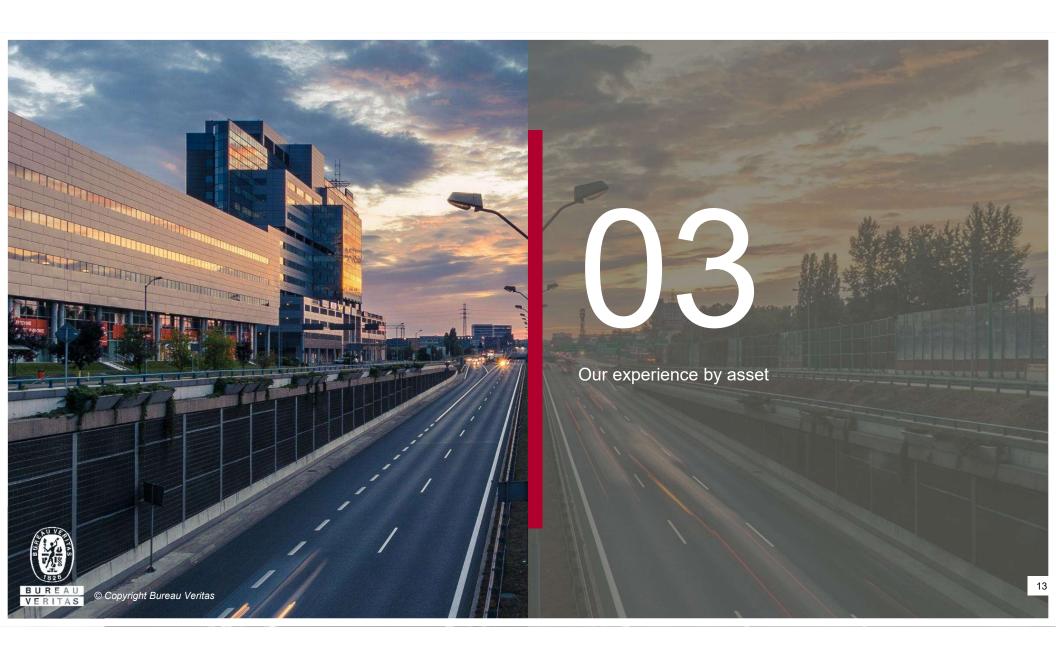
Operation and Maintenance

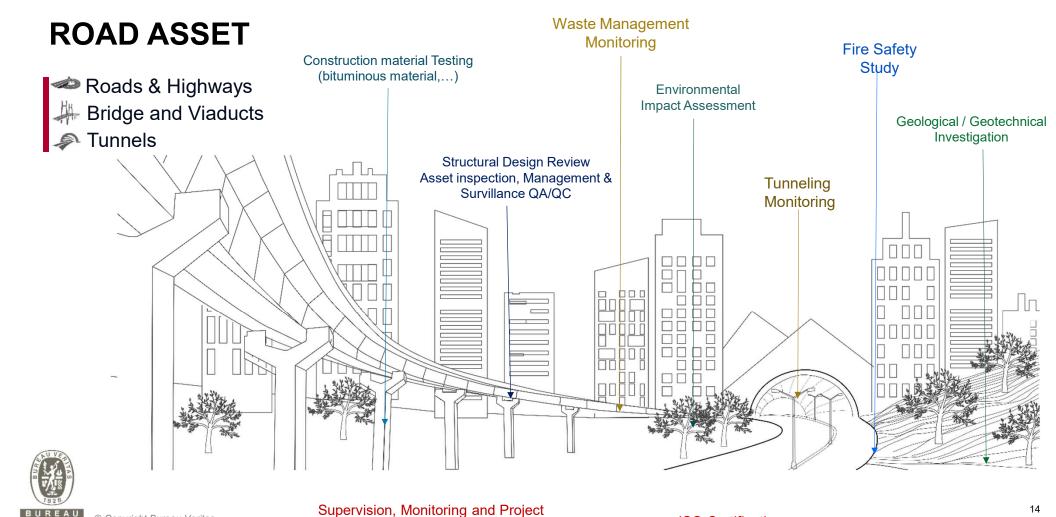
- Asset inventory and Inspection
- Asset Management Plan
- Asset Performance assessment
- Life Cycle Asset Analysis
- Compliance Audit
- Technical and Environmental due diligence
- Energy & Carbon Due Diligence
- Energy Performance Certificate
- · Seismic tech assistance and audit





BV delivers services cover different business needs along projects life cycle





Management Assistance

ISO Certification

ROADS & HIGHWAYS



PROJECT

Construction of BRT Corridor in Avenue Almirante Barroso & Augusto Montenegro, in Belem. PA, Brazil

CLIENT

Secretaria Municipal de Urbanismo

BUREAU VERITAS ROLE

Supervision, Project Management





ROADS & HIGHWAYS



PROJECT

Construction of Euclides da Cunha road, city of FernandópolisSão Paulo, Brazil

CLIENT

DER - Departamento de Estradas de Rodagem

BUREAU VERITAS ROLE

Supervision, Project Management





ROADS AND HIGHWAYS



PAVEMENT AUDIT WORKS SUPERVISION

PROJECT

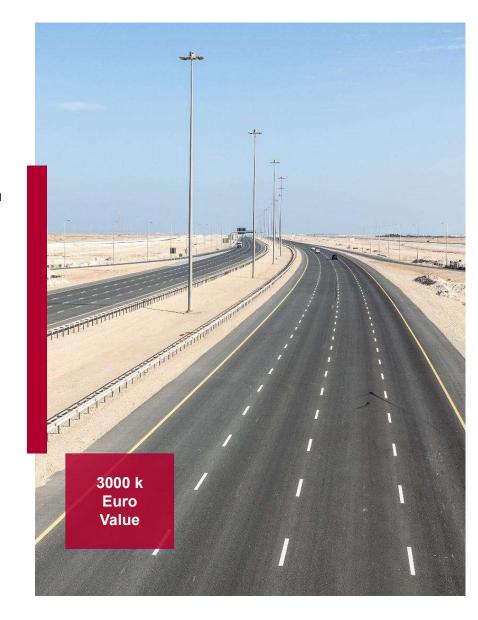
Consultancy Pavement Works Services for all roads/Highway in Qatar

CLIENT

ANAS - ASHGHAL

BUREAU VERITAS ROLE

Supervision, Technical Assistance, QA/ QC, PMA





ROADS AND HIGHWAYS



PROJECT

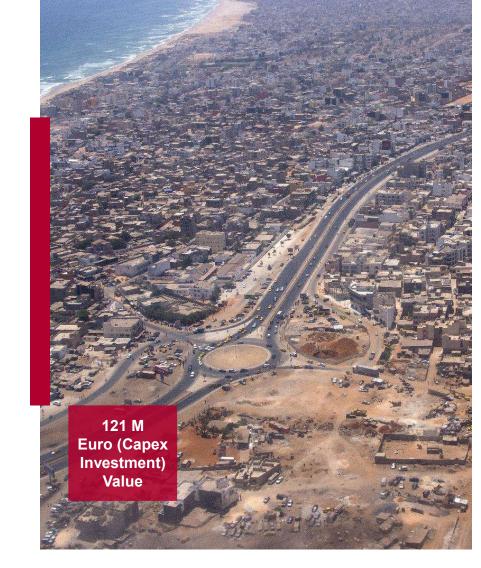
Testing of Dakar- Diamniadio motorway, Senegal West Africa

CLIENT

Eiffage

BUREAU VERITAS ROLE

Material Testing (Soil, aggregate, cement, concrete) Non -**Destructive Test**





BRIDGE & VIADUCTS



PROJECT

Bridge HKB (3rd Bridge Riviera - Marcory) and Flyovers intersection, Riviera in Senegal

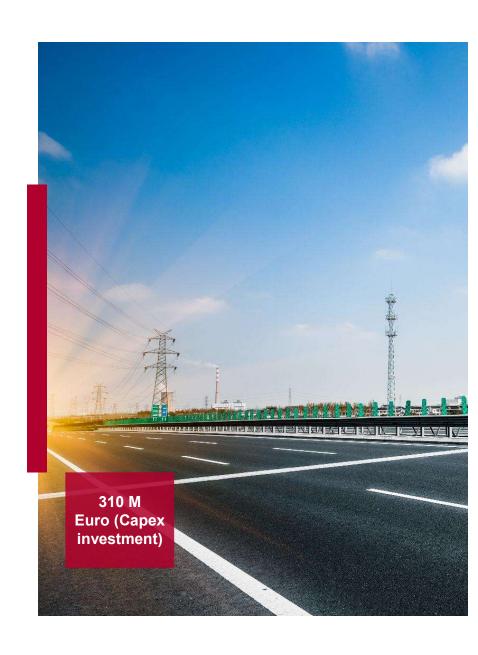
CLIENT

SOCOPRIM - SACPRIM

BUREAU VERITAS ROLE

Independent Checking Engineer





BRIDGE & VIADUCTS



PROJECT

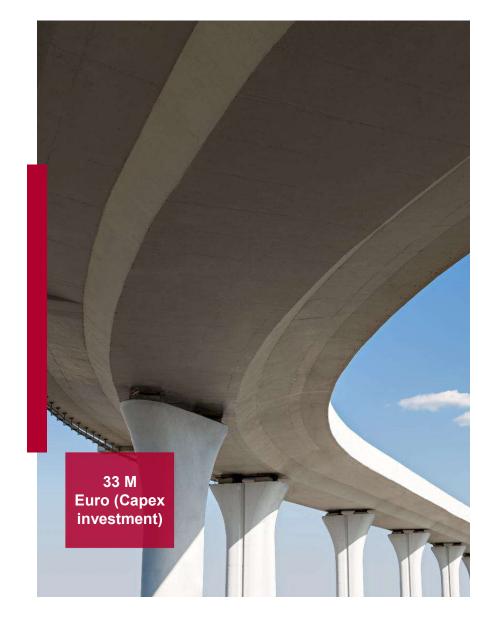
Construction of SNCF Ventabren Viaduct in France

CLIENT

SNFC

BUREAU VERITAS ROLE

Project management related services





TUNNEL



PROJECT

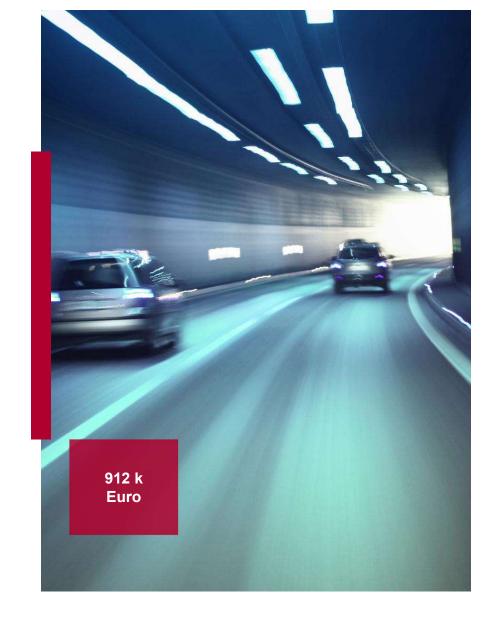
Construction of Underpass at Sentosa Gateway (ER295)

CLIENT

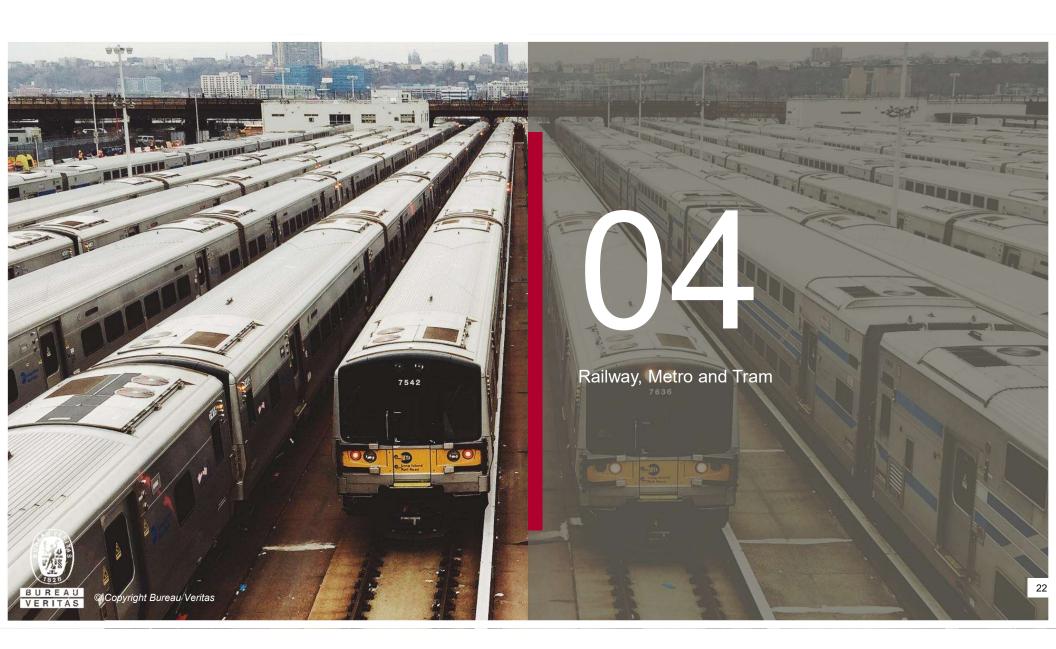
Land Transport Authority

BUREAU VERITAS ROLE

Project management related services







Environmental Impact Assessment RAIL ASSET Signaling Safety Review ۅ Railway, Metro and Tram Geotechnical Investigation Fire Safety Rolling Stock Study **Procurement Control** Energy / Waste **Management Monitoring** ISA Independent Safety Assessment TSI Interoperability Certification Construction material Testing Design Review: Structural / M&E QA/QC 00000 Railway Station

Project Management Assistance

Independent Cheking Engineer

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National Regulation Certification

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IRIS(International Railway Industry Standard)

Certification / ISO Certification



PROJECT

Construction of Riyadh Metro - KSA

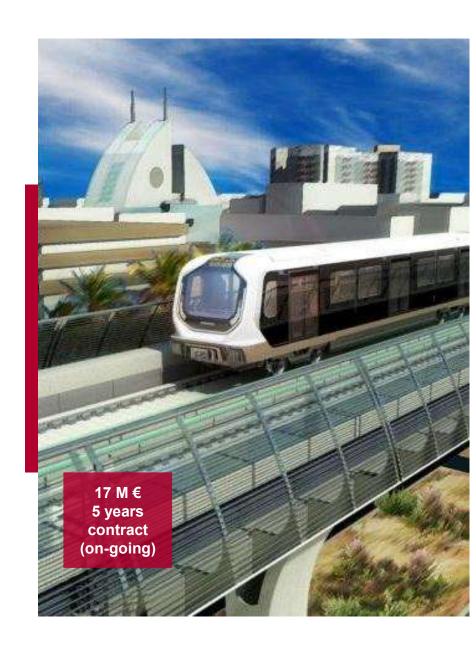
CLIENT

Consortium BACS (led by Bechtel & Siemens)

BUREAU VERITAS ROLE

Independent Checking Engineer







PROJECT

Construction of Phase 2 of line 4 of Sao Paulo metro

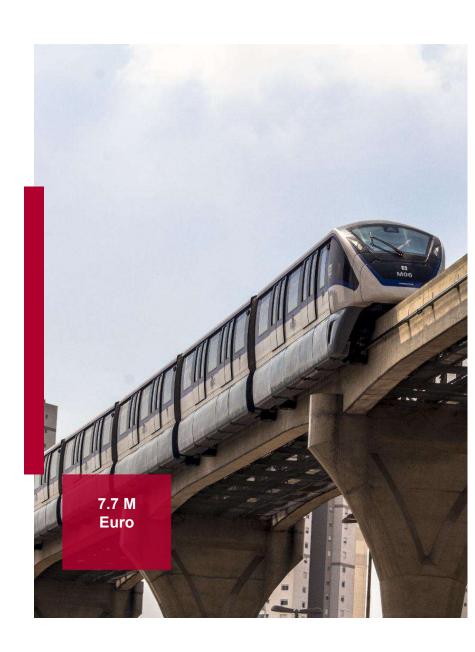
CLIENT

Consortium BACS (led by Bechtel & Siemens)

BUREAU VERITAS ROLE

Supervision, Project Management







PROJECT

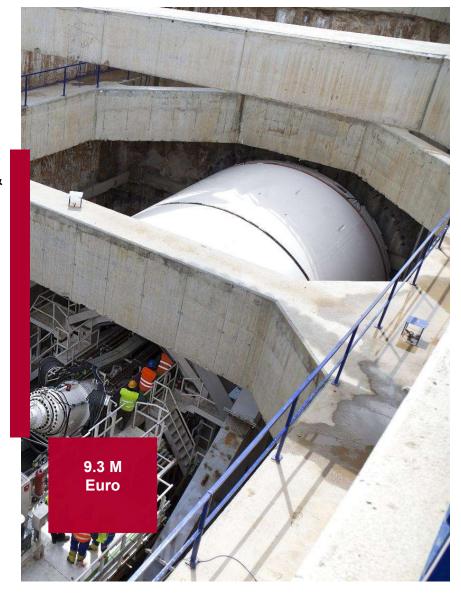
Construction of Woodlands and Woodlands North MRT Stations & Tunnels

CLIENT

Land Transport Authority

BUREAU VERITAS ROLE

Supervision, Project Management







PROJECT

Modernization of line Divača - Koper in Slovenia

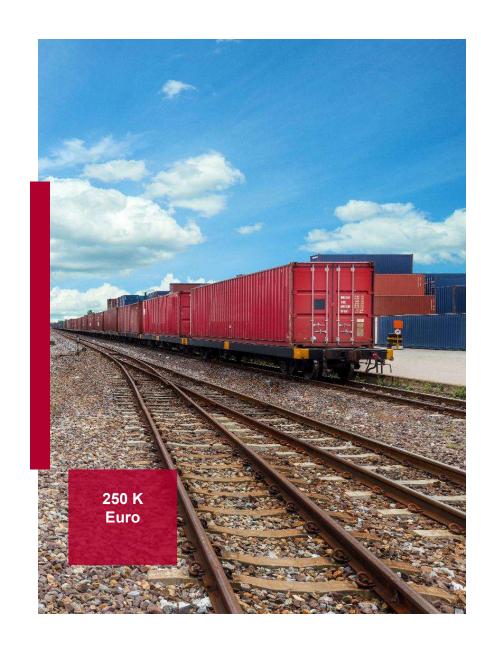
CLIENT

Holding slovenske železnice D.D.

BUREAU VERITAS ROLE

Technical Control







PROJECT

Corridor Do Norte Tete to Nacala (912 km) In Mozambique

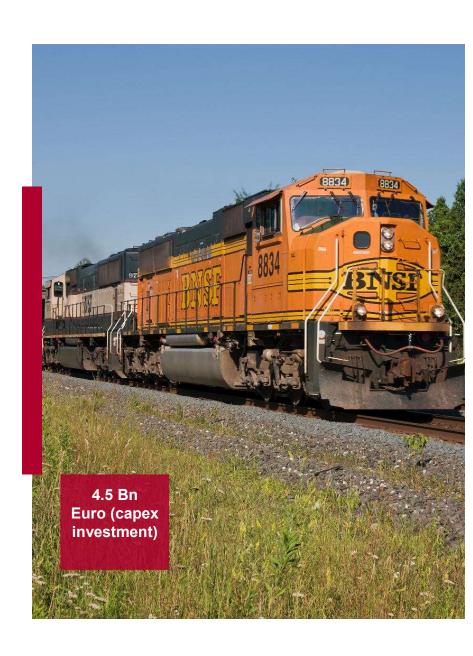
CLIENT

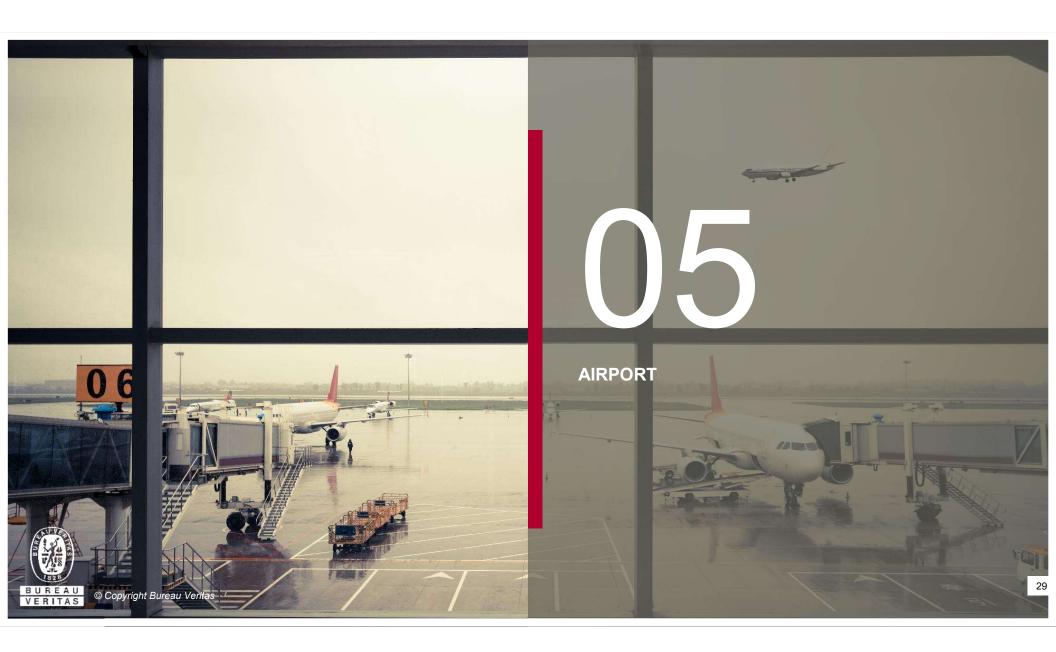
CDN a VALE company

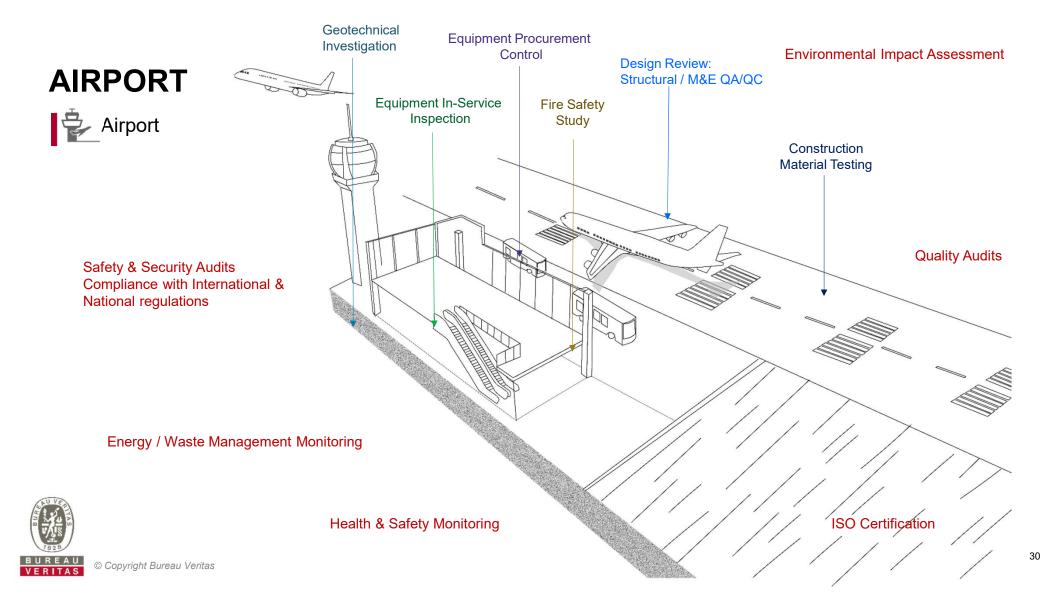
BUREAU VERITAS ROLE

HSE services











PROJECT

In service inspection of Heathrow Airport in UK

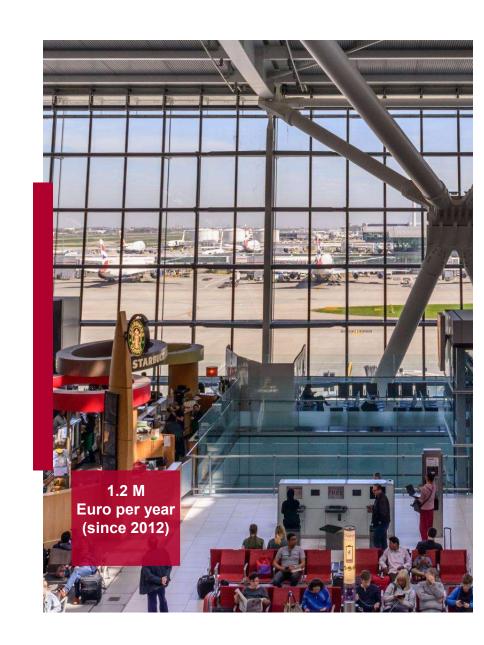
CLIENT

Heathrow Airport Holdings

BUREAU VERITAS ROLE

Technical Assistance and system Inspection







PROJECT

Construction of Pointe Noire Airport - Congo

CLIENT

DGGT

BUREAU VERITAS ROLE

Project Management Assistance and Supervision







PROJECT

Dalian New Airport Landfill and inner project in China

CLIENT

Dalian Land Reserve Centre

BUREAU VERITAS ROLE

Project Management, Supervision and Jianli







PROJECT

Construction of Airport-Stadt Ost, Bremen in Germany

CLIENT

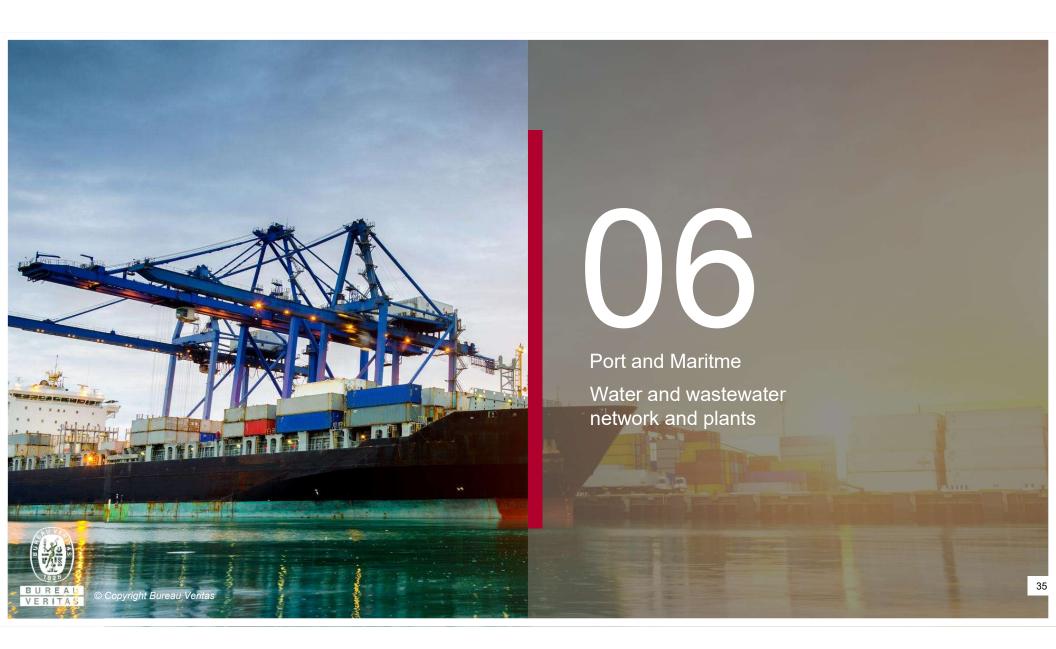
HafenCity Hamburg GmbH

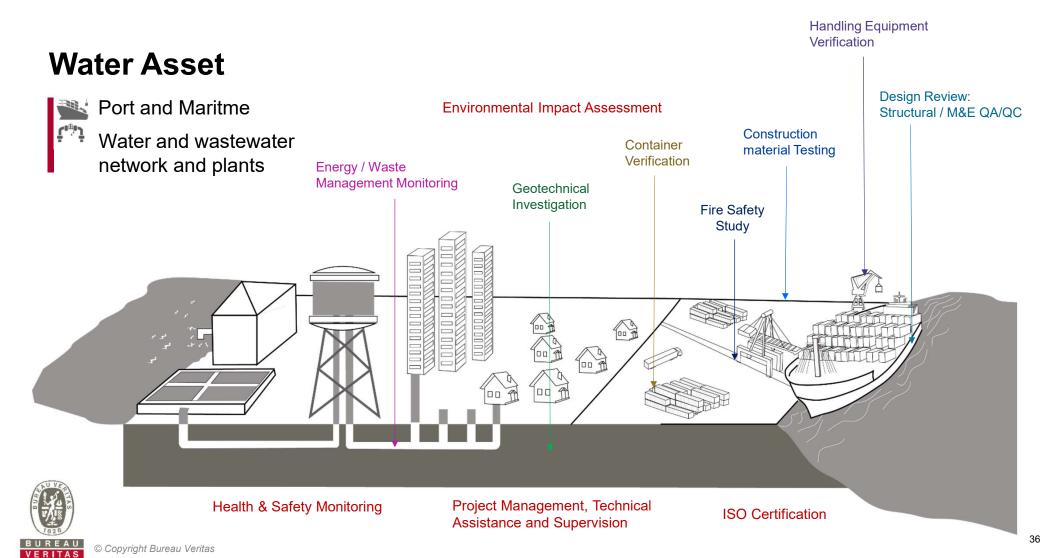
BUREAU VERITAS ROLE

Project Management, Supervision in both design and construction stage









PORT



PROJECT

Hydrovia Tiete Parana, with construction of new terminals, doubling locks and enlarging of the navigable area in Brazil

CLIENT

DH - Departamento Hídrico da Secretaria de Estado de Logística e Transportes

BUREAU VERITAS ROLE

Project Management and Supervision





PORT



PROJECT

Extension of the northern Aktau Port in Kazakhstan

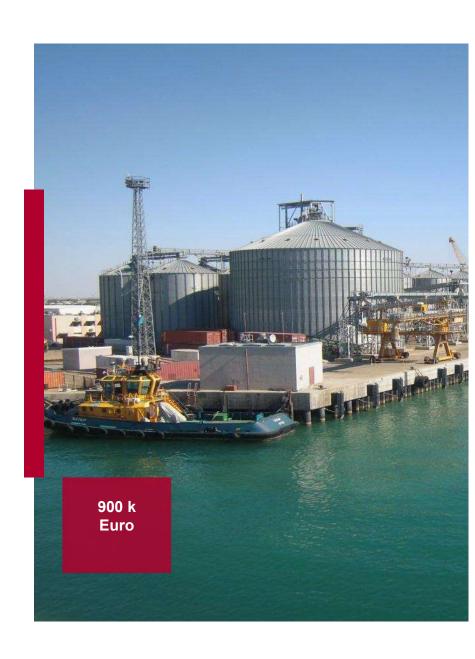
CLIENT

Aktau Marine North Terminal

BUREAU VERITAS ROLE

Project Management and Supervision





PORT



PROJECT

Khalifa Port & Industrial zone in UAE

CLIENT

Abu Dhabi Ports Company

BUREAU VERITAS ROLE

TPI Services for civil works on site and at Source, Port Cranes fabrication and Installation inspections





WATER ASSET



SPARK SINO-FRENCH SH FENGXIAN WWT PLANT

PROJECT

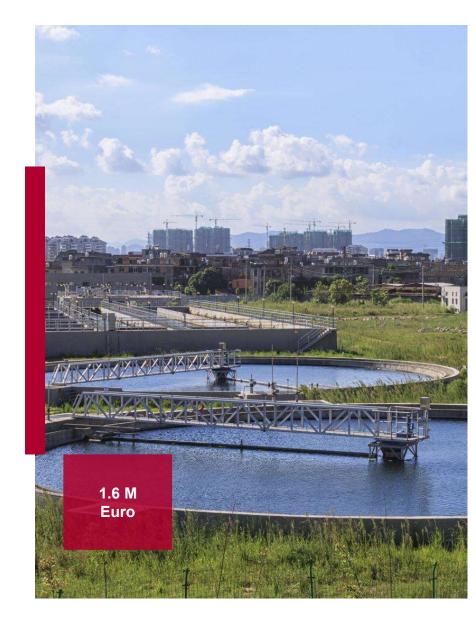
Construction of Spark Sino-French SH Fengxian WWT Plant in China

CLIENT

SPARK SINO-FRENCH

BUREAU VERITAS ROLE

Project Management, Supervision and Jianli





WATER ASSET



COORDENADORIA DE EMPREEND. SUL - RES

PROJECT

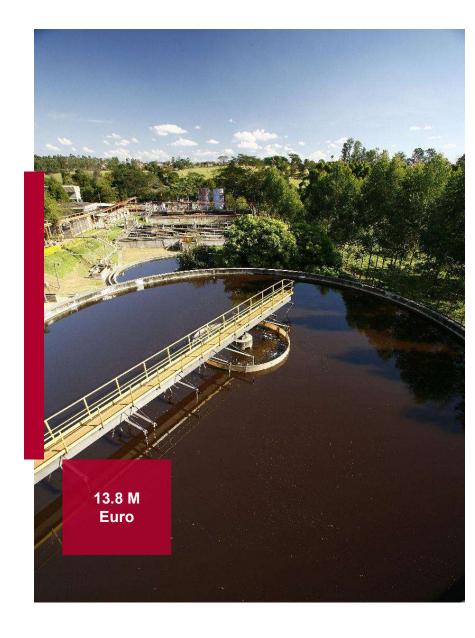
Water supply & sewage systems network construction in Coordenadoria de Empreend. Sul - RES. Sao Paulo Brazil

CLIENT

SABESP - Cia de Saneamento Básico do Estado de São Paulo

BUREAU VERITAS ROLE

Project Management and Supervision





WATER ASSET



PROJECT

Karnataka Urban Water Supply Project in India

CLIENT

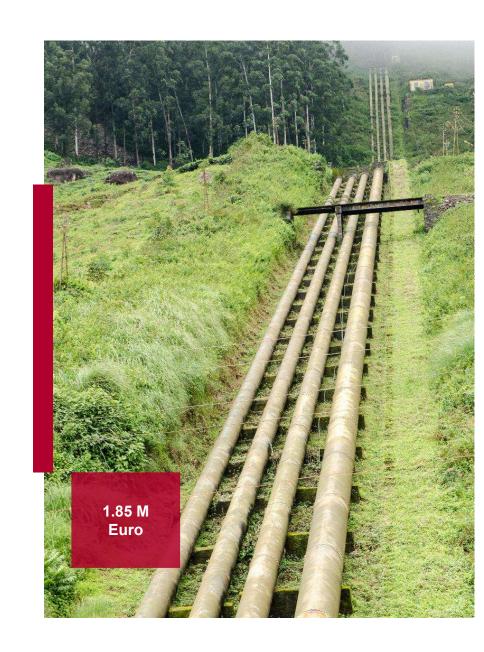
Karnataka Urban Water Supply And Drainage Board

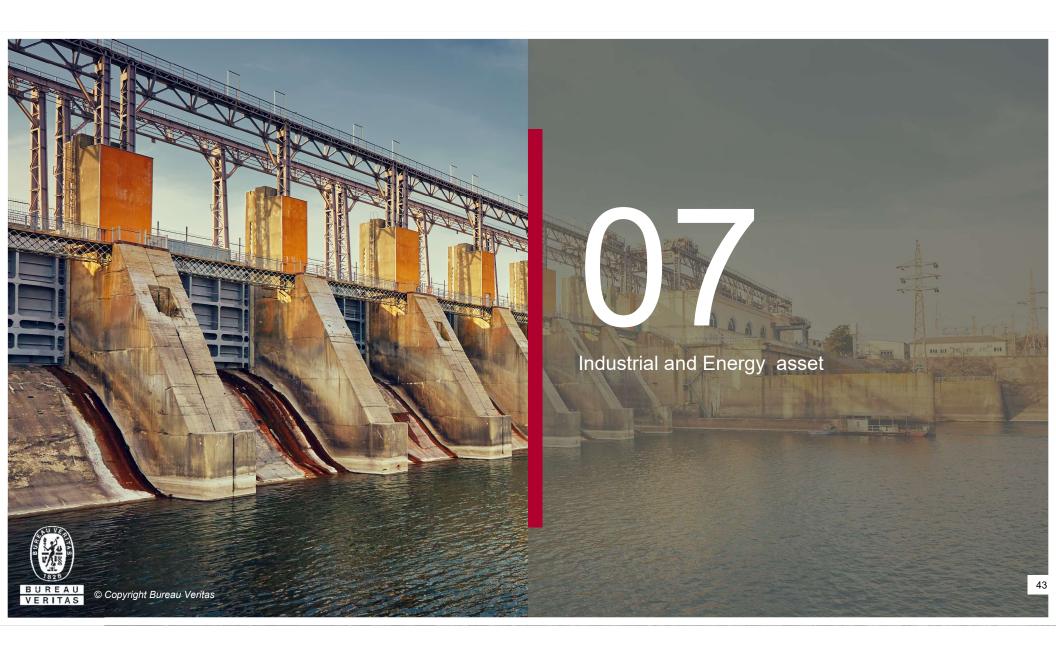
BUREAU VERITAS ROLE

Shop & Site QA/QC, Supplier Technical Assessment









Industrial and Energy asset Equipment Procurement Control **Environmental Impact** Electrical utilities and dams Assessment Industrial plants **Equipment In-Service** Construction Geotechnical Investigation Inspection material Testing Energy/Waste Management Monitoring Fire Safety Study Safety & Security Audits Compliance with International & National regulations **ISO Certification** Project Management Assistance © Copyright Bureau Veritas

DAMS



PROJECT

Lamas Dam Construction Project - Caserones Mine In Chile

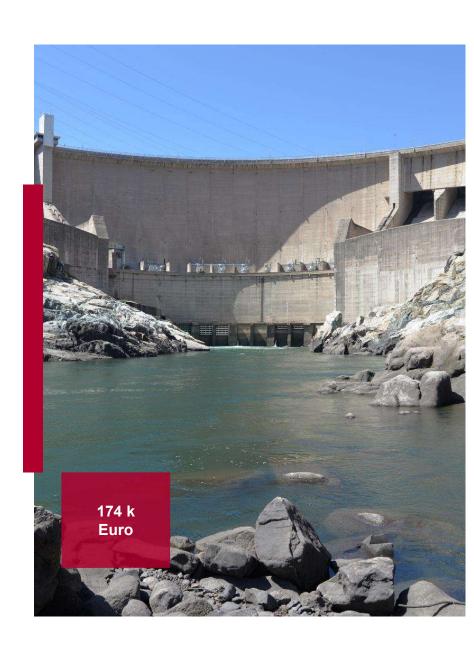
CLIENT

MINERIA Y CONSTRUCCION CEI

BUREAU VERITAS ROLE

Quality Control Services - Soil Mechanics Area





POWER PLANT



PROJECT

Heating power plant for the district of Sichuan, Hubei, Shanxi, Beijing in China

CLIENT

French Development Agency

BUREAU VERITAS ROLE

Technical Design Review, Construction Quality Audit Environmental Due Diligence





ENERGY



PROJECT

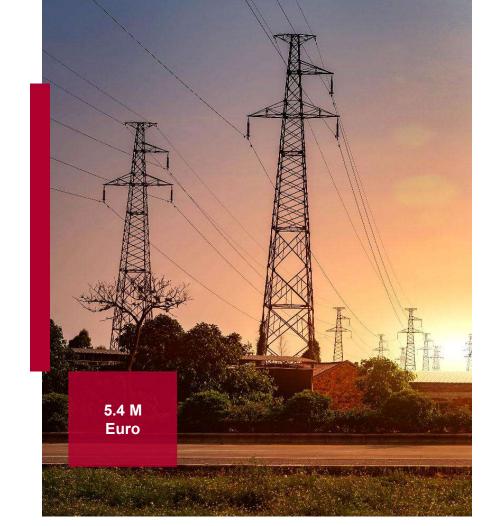
Sunrise Powerlink in California US

CLIENT

SDG&E

BUREAU VERITAS ROLE

Technical control, design verification, SWPPP compliance, inspection





Building



CAPEX

HANDOVER

OPEX

PERMITTING

DESIGN

CONSTRUCTION

ACCEPTANCE OF WORKS

GREEN BUILDING CERTIFICATION

OPERATIONAL PERFORMANCE

TRANSACTIONS

RETROFITTING



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FACILITIES



PROJECT

Wal Mart - Assessment of Electrical System, Building Safety and Fire Training in Bangladesh

CLIENT

Wal Mart

BUREAU VERITAS ROLE

Performance and Compliance Monitoring





HOSPITALITY AND LEISURE



PROJECT

Construction of Shanghai Disney Resort

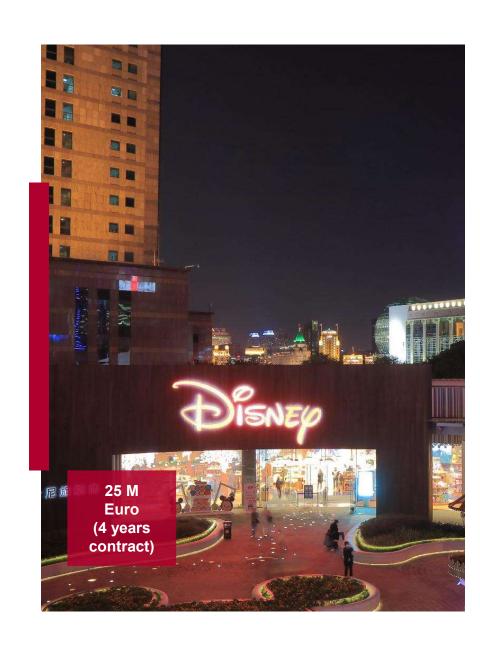
CLIENT

Walt Disney Company

BUREAU VERITAS ROLE

Project Management Assistance





HEALTH



PROJECT

QA & QC for Cleveland clinic in Abu Dhabi

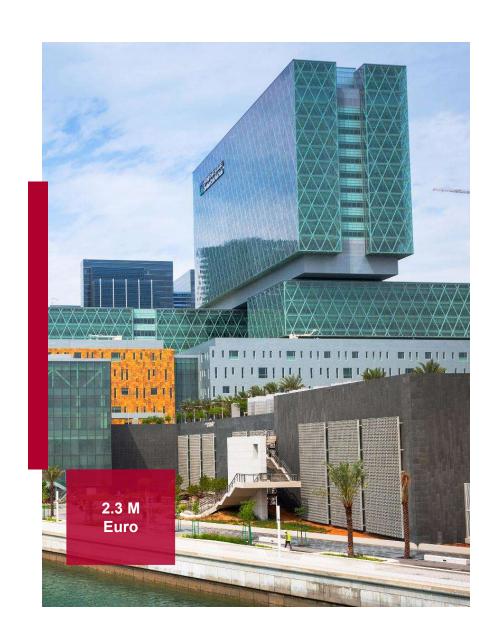
CLIENT

Sixco Samsung JV

BUREAU VERITAS ROLE

QA/QC Services





BUSINESS DISTRICT



NEW HEAD QUARTER BNL (BNP PARIBAS)

PROJECT

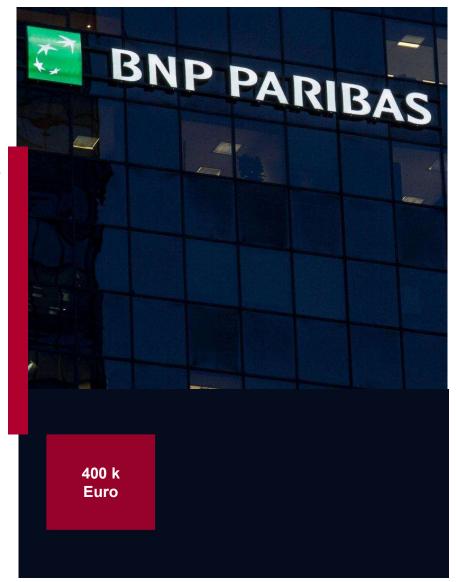
QA & QC for New Head Quarter BNL (BNP Paribas) in Rome Italy

CLIENT

BNP Paribas

BUREAU VERITAS ROLE

QA/QC, Project Monitoring and Technical control





BUREAU VERITAS' EMPLOYEE BASE IS ITS MAIN ASSET







Move Forward with Confidence*



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