

# tec4

INGENIEROS CONSULTORES

COMPANY PRESENTATION



ISO  
9001

apave  
Certification



# GENERAL INFORMATION

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TEC4 INGENIEROS, S.A. IS AN ENGINEERING CONSULTING FIRM SPECIALIZING IN PROVIDING ENGINEERING AND ARCHITECTURAL SERVICES TAILORED TO THE CONSTRUCTION INDUSTRY, WITH A PREDOMINANT EMPHASIS ON INTERNATIONAL SCALE.

THE COMPANY WAS FOUNDED BY A SQUAD OF CIVIL ENGINEERS SEASONED IN PROJECT MANAGEMENT AND CONSTRUCTION SUPERVISION.

IN RESPONSE TO THE IMPACT OF THE COVID-19 PANDEMIC, THE COMPANY'S RECENT RESTRUCTURING INITIATIVE HAS LED TO THE ADOPTION OF A REVISED BUSINESS STRATEGY. THIS STRATEGY PRIORITIZES THE EXPORTATION OF EXPERTISE TO REGIONS INCLUDING SUB-SAHARAN AFRICA, ASIA, AND LATIN AMERICA. THE APPROACH EMPHASIZES INNOVATION IN ENGINEERING SERVICES, CAPITALIZING ON THE COMPANY'S LONGSTANDING COMMERCIAL ASSETS AND ACCUMULATED REFERENCES OVER THE YEARS AS TEC CUATRO SA.

STRENGTHENING PARTNERSHIPS WITH ENGINEERING FIRMS AND CONSOLIDATING THE COMPANY'S REPUTATION, ALONG WITH MAINTAINING THE EXPERTISE OF ITS MANAGERS, ARE TEC4'S TOP PRIORITIES.

THE SUSTAINED EXCELLENCE OF OUR PROFESSIONALS REMAINS THE DRIVING FORCE AND CORNERSTONE OUR COMPANY'S GROWTH AND REPUTATION AS A LEADING CONSULTING FIRM. AT THE HEART OF OUR MISSION IS THE ADEPT STUDY AND THE COMMITMENT TO COMPREHENSIVELY ADDRESS OUR CLIENTS' NEEDS WITH INNOVATION AND SAFETY AT THE FOREFRONT.

IN RECENT YEARS, TEC4 INGENIEROS SA HAS BROADENED ITS INTERNATIONAL ACTIVITIES, NOTABLY IN NORTH AFRICA AND SUB-SAHARAN AFRICA. THIS GROWTH HAS BEEN DRIVEN BY STUDY PROJECTS AND CONSTRUCTION SUPERVISION MISSIONS FOR CLIENTS IN BOTH THE PUBLIC AND PRIVATE SECTORS.

THE HEADQUARTERS OF TEC4 INGENIEROS SA IS LOCATED AT:  
CARRER DE CÒRSEGA, 299, 4º 4, 08008 BARCELONA, SPAIN  
EMAIL: [CONTACT@TEC4-INGENIEROS.ES](mailto:CONTACT@TEC4-INGENIEROS.ES)

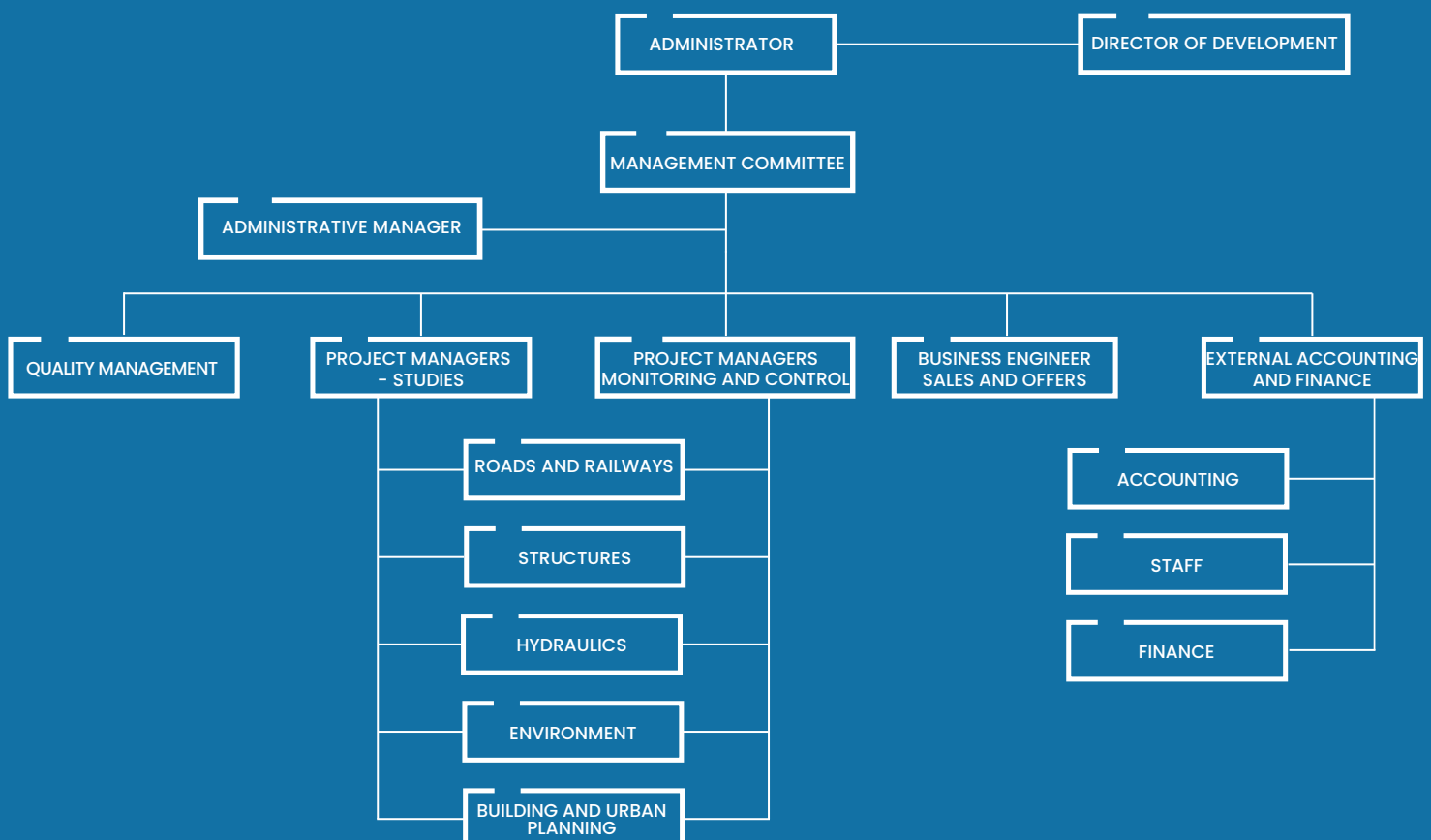
# TEC4'S KEY PLAYERS DRIVING SUCCESS:

TEC4'S TEAM COMPRISES HIGHLY SKILLED PROFESSIONALS BOASTING EXTENSIVE EXPERTISE IN CIVIL ENGINEERING AND ARCHITECTURE. OUR OPERATIONAL FRAMEWORK REVOLVES AROUND MULTIDISCIPLINARY TEAMS EMPOWERED WITH A HIGH LEVEL OF AUTONOMY, ALWAYS ENSURING DIRECT COMMUNICATION WITH THE MANAGEMENT COMMITTEE.

- CIVIL ENGINEERS
- GEOLOGICAL ENGINEERS AND GEOLOGY GRADUATES
- CIVIL ENGINEERS, PUBLIC WORKS TECHNICIANS, INDUSTRIAL TECHNICIANS
- GRADUATES IN BIOLOGICAL AND ENVIRONMENTAL SCIENCES
- CALCULATION TECHNICIANS, DRAFTSMEN, AND ADMINISTRATIVE ASSISTANTS

MOST OF TEC4'S WORKFORCE IS BASED AT THE CENTRAL HEADQUARTERS IN BARCELONA. FURTHERMORE, THE COMPANY LEVERAGES THE EXPERTISE OF PROMINENT PROFESSIONALS IN VARIOUS FIELDS INCLUDING STRUCTURES, GEOLOGY, GEOTECHNICS, UNDERGROUND WORKS, HYDROLOGY, HYDRAULICS, AND ARCHITECTURE.

## ORGANIZATION



# SERVICES

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FEASIBILITY STUDIES  
PRELIMINARY AND DETAILED PRELIMINARY  
PROJECTS  
EXECUTION PROJECTS  
CONTROL MISSION  
TECHNICAL ASSISTANCE

# QUALITY

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TEC-4, S.A. DEVELOPS ITS ACTIVITY WITHIN  
THE FRAMEWORK OF A QUALITY MANAGEMENT  
SYSTEM COMPLYING WITH ISO 9001:2015.

# AREAS OF ACTIVITY

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ROADS AND HIGHWAYS  
RAILWAYS, METRO, AND TRAMWAY  
CIVIL ENGINEERING STRUCTURES  
MARITIME STRUCTURES  
ENVIRONMENT  
ARCHITECTURE AND BUILDING  
HYDRAULICS

# TECHNOLOGICAL AND LOGISTICAL RESOURCES

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IN THE FIELD OF INFORMATION TECHNOLOGY, TEC4 INGENIEROS SA HAS SUITABLE RESOURCES FOR THE TECHNOLOGICAL SYSTEMS OF MANAGEMENT AND ORGANIZATION WITHIN THE COMPANY, AIMING FOR MAXIMUM OPTIMIZATION OF RESOURCES AND COSTS. VPN CONNECTIONS HAVE BEEN ESTABLISHED BETWEEN DIFFERENT DELEGATIONS AND CONSTRUCTION SITES TO ENHANCE NETWORK MANAGEMENT, ENABLING SMOOTH COMMUNICATION.

## SOFTWARE

- MICROSOFT OFFICE
- MICROSOFT PROJECT
- MENSURA GENIUS
- ALIZE III
- ROBOT 2019
- ROBOT RCAD BÉTON 2015
- ARCHE 2017
- RIDO 3
- PIEUH
- PSH V2.21 POUR WINDOWS
- VMUR V1.06
- ARMA V4.02
- FOXTA
- TALREN
- PLAXIS
- HDM 4
- DEVERS
- HEC2
- AUTOCAD 2019
- REVIT 2019
- SCIA

## ROLLING STOCK

- 18 PICK-UP TRUCKS
- 5 COMMERCIAL VEHICLES
- 4 TOURIST CARS

THE OFFICE IS ALSO AFFILIATED WITH A CAR RENTAL AGENCY, PROVIDING IMMEDIATE ACCESS TO ITS FLEET.

## COMPUTER EQUIPMENT AND PUBLISHING

- COMPUTERS
- 6 MACBOOK AIR LAPTOPS
- THREE HP LASERJET A4 PRINTERS
- 1 SERVER 1MG87V3 [POWEREDGE R450]

## PUBLIC ADMINISTRATION

MINISTRY OF PUBLIC WORKS DGC (GENERAL DIRECTORATE OF HIGHWAYS)  
ADIF (ADMINISTRATOR OF RAILWAY INFRASTRUCTURE)  
MINISTRY OF THE ENVIRONMENT DEPURBAIX (BAIX LLOBREGAT PURIFICATION PLANT, SA)  
ACUAMED (MEDITERRANEAN BASIN WATER AGENCY)  
BARCELONA PROVINCIAL COUNCIL  
CATALONIA AUTONOMOUS GOVERNMENT INFRAESTRUCTURES.CAT (GISA, REGSA)  
DGC (DIRECTORATE GENERAL OF HIGHWAYS)  
IFERCAT (CATALAN RAILWAY INFRASTRUCTURES)  
DGT (DIRECTORATE GENERAL OF TRANSPORT)  
ACA (CATALAN WATER AGENCY)  
ATLL (TER LLOBREGAT WATER)  
INCASOL (CATALAN LAND INSTITUTE)  
BALEARIC ISLANDS GOVERNMENT IBASAN (BALEARIC ISLANDS SANITATION INSTITUTE)  
BARCELONA CITY COUNCIL BIM/SA (MUNICIPAL INFRASTRUCTURE OF BARCELONA, SA)  
TMB (BARCELONA METROPOLITAN TRANSPORT)  
BCN REGIONAL (BARCELONA REGIONAL, SA)  
BSAV (BARCELONA HIGH SPEED SAGRERA, SA)  
BSM (BARCELONA MUNICIPAL SERVICES, SA)  
22@BARCELONA (22@ BCN, SAU)  
EMSSA (METROPOLITAN SANITATION COMPANY, SA)  
CLABSA (BARCELONA SEWERAGE, SA)  
CBSA (BARCELONA CEMETERIES, SA)  
MUNICIPALITIES BADALONA  
CASTELLDEFELS  
CASTELLVÍ DE ROSANES  
CORBERA DE LLOBREGAT  
EL PRAT DE LLOBREGAT (AIGÜES DEL PRAT SA)  
ESPARRAGUERA  
GELIDA  
L'AMETLLA DE MAR  
L'HOSPITALET DE LLOBREGAT  
PALMA MALLORCA (MUNICIPAL PARKING COMPANY OF PALMA)  
TERRASSA

## PRIVATE SECTOR

ABB – ABENSUR – ACESA – ACCIONA – ACSA – AGBAR SA – CEDINSA – CILSA –  
COMAPA – COMSA – COPISA – CSIC – DEGREMONT – DRAGADOS – EMCOFA – FCC –  
FERROVIAL – FIRA2000 – FORD – HIDROCANAL – INTRAESA – POLINGESA – PORT  
MARINA IBIZA SL – PORT MASNOU – PROMOCIONES PORTUARIAS SA – REE – RUBAU SA  
– SACYR SA – SERPENS CAUDA – SATO – SCRINSER – SGAB – STACHYS SA – SORIGUÉ  
– VERTIX

# INTERNATIONAL CLIENTS

## THE PEOPLE'S DEMOCRATIC REPUBLIC OF ALGERIA

- MINISTRY OF PUBLIC WORKS
- DTP – DIRECTORATE OF PUBLIC WORKS. PROVINCES OF ANNABA, MÉDÉA, AND SKIKDA
- MINISTRY OF TRANSPORT
- EMA – ALGIERS METRO COMPANY
- MINISTRY OF WATER RESOURCES
- ONID – NATIONAL OFFICE OF IRRIGATION AND DRAINAGE
- MINISTRY OF TOURISM AND HANDICRAFTS
- GESTOUR – TOURISM AND HOTEL MANAGEMENT PARTICIPATION COMPANY
- MINISTRY OF INDUSTRY AND MINES
- ANIREF – NATIONAL AGENCY OF LAND INTERMEDIATION AND REGULATION
- SPA GROUP ETRHB HADDAD – KOUGC – ÖZGUN – TEIXEIRA DUARTE – YAPI MERKEZI

## THE REPUBLIC OF COLOMBIA

- METROPOLITAN AREA OF VALLE DE ABURRÁ
- ETMVA – MEDELLÍN METRO
- METRO CALI, SA
- INTEGRAL, SA

## THE REPUBLIC OF PERU

- OSITRAN
- SUPERVISORY BODY FOR INVESTMENT IN PUBLIC USE TRANSPORT INFRASTRUCTURE
- PROINVERSION – LIMA METRO

## THE REPUBLIC OF TUNISIA

- MINISTRY OF EQUIPMENT AND HOUSING

## THE REPUBLIC OF CAMEROON

- MINISTRY OF PUBLIC WORKS

## THE KINGDOM OF MOROCCO

- MINISTRY OF EQUIPMENT, TRANSPORT, AND LOGISTICS
- THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA
- YAPI MERKEZI

## THE REPUBLIC OF SENEGAL

- MINISTRY OF LAND TRANSPORT INFRASTRUCTURE AND DECENTRALIZATION
- AGEROUTE SENEGAL

## THE FEDERAL ISLAMIC REPUBLIC OF COMOROS

- MINISTRY OF LAND PLANNING AND URBANISM IN CHARGE OF LAND AFFAIRS AND LAND TRANSPORT

## THE REPUBLIC OF CÔTE D'IVOIRE

- MINISTRY OF EQUIPMENT AND ROAD MAINTENANCE

## THE REPUBLIC OF INDIA

- MUNICIPAL CORPORATION OF GREATER MUMBAI – MCGM

## FUNDING AGENCIES

EIB: EUROPEAN INVESTMENT BANK  
AFDB: AFRICAN DEVELOPMENT BANK  
ISDB: ISLAMIC DEVELOPMENT BANK  
BOAD: WEST AFRICAN DEVELOPMENT BANK  
WB: WORLD BANK

# GLOBAL PRESENCE



## SPAIN

CARRER CORSEGA ,N°299,4\*4 ,  
08008,BARCELONA, SPAIN  
M: +34 934 053 606

## INDIA

401, 4TH FLOOR, GALA HUB  
ANX, NR. GALA CLUB, BOPAL,  
AHMEDABAD 380058  
GUJARAT, INDIA  
M: +91 81 28 60 52 10

## TUNISIA

REGENCY IV BUILDING C3-6  
LES PINS CITY, LAC2, TUNIS  
M: +216 71 138 746

## PERU

AVENIDA BENAVIDES 501.  
OFICINA, 514INT.MIRAFLORES -  
LIMA  
M: +51 014 455 881

## INDIA

OFFICE NUMBER 1604,16TH  
FLOOR,PLAN S BUSINESS PARK ,  
D-108 / 1,OPP.DY PATIL STADIUM,  
MIDC INDUSTRIAL AREA, NERUL,  
NAVI MUMBAI, MAHARASHTRA  
400706,INDIA  
M: +91 98 70 77 99 77

## SENEGAL

DAKAR, SENEGAL, MBAO, SDV  
CITY, VILLA NUMBER JB  
M: +22 17 84 21 23 29

## ALGERIA

VILLA 09 LES VERGERS,  
COOPERATIVE EL  
MARHABA , KOUBA ,ALGÉRIE  
TEL.: +213 23 53 40 67

## COLOMBIA

CARRERA 19A #135-11, OF.505  
BOGOTÀ 110121 - COLOMBIA  
M: +57 316 8328634

## COTE D'IVOIRE

ABIDJAN, PLATEAU, IXORA 2  
BUILDING, LAGUNAIRE ROAD  
TOWARDS THE GAULLE BRIDGE  
M: +225 07 59 493 552



# ARTWORKS

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**COCODY BRIDGE**

CÔTE D'IVOIRE



**EBRO BRIDGE**

SPAIN



**BIZERTE BRIDGE**

TUNISIA



**NANNY BRIDGE**

PERU

# ROAD INFRASTRUCTURE

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**GUELMA RAILWAY**  
ALGERIA



**AP-7 RAILWAY**  
SPAIN



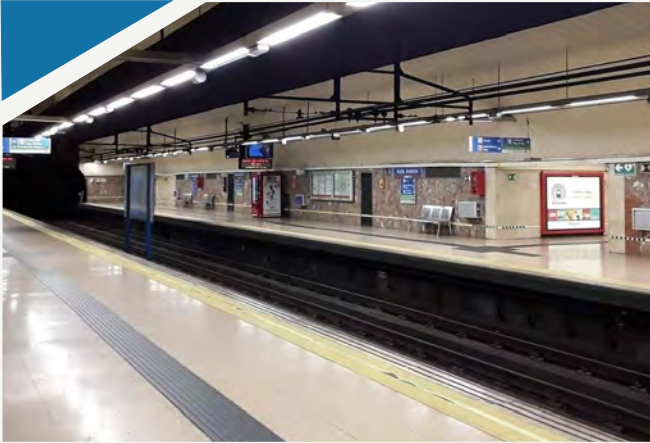
**TIZI OUZOU RAILWAY**  
ALGERIA



**COASTAL ROAD IN MUMBAI**  
INDIA

# RAILWAY INFRASTRUCTURES

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**LIGNE 9 BARCELONE**  
SPAIN



**METRO LINE 5, RIYADH**  
SAUDI ARABIA



**METRO LINE 4, LIMA**  
PERÙ



**ELECTRIFIED LINE AKID ABESS**  
ALGÉRIE

# TUNNELS AND AIRPORTS

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**CHINCHERO AIRPORT**

PERU



**GLORIAS TUNNEL**

SPAIN



**EAST-WEST HIGHWAY TUNNEL**

ALGERIA



**MUMBAI COASTAL ROAD TUNNEL**

INDIA

# BUILDINGS

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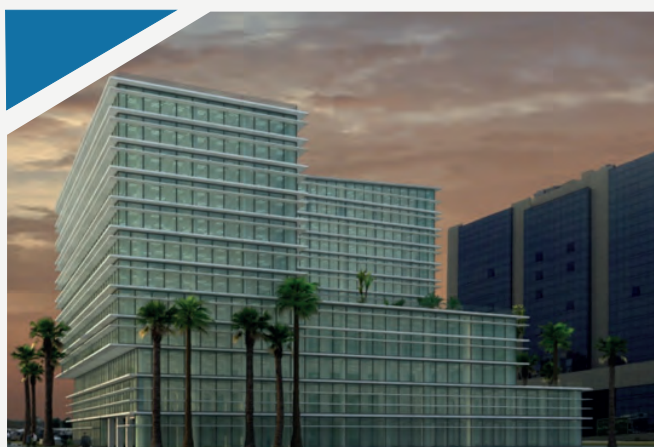
**BRIANS 2 PENITENTIARY CENTER**

SPAIN



**HOSPITAL DURAN RENALS**

SPAIN



**OFFICE BUILDING**

ALGERIA

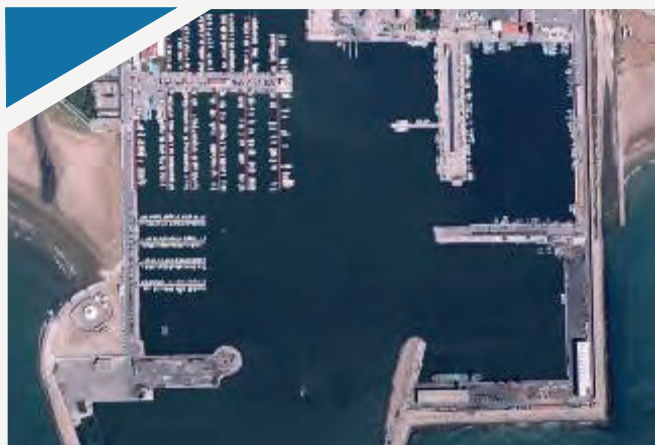


**KINDERGARTEN AND PRIMARY SCHOOL**

SPAIN

# PORTS

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**PORT OF GELTRO**  
SPAIN



**PORT DE MORRO JABLE**  
SPAIN



**PORT OF IBIZA**  
SPAIN



**PORT SPORTIF EL MASNOU**  
SPAIN

# HYDRAULICS

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**DRINKING WATER  
TREATMENT PLANT**

ESPAGNE



**DRINKING WATER  
TREATMENT PLANT**

PERÙ



**SEAWATER DESALINATION PLANT**

ALGERIA



**ABRERA PUMPING STATION**

SPAIN

# URBAN PLANNING

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**LLORET BUS PLATFORM**

SPAIN



**THE ESPLANADE FORUM**

SPAIN



**THE GENERAL MITRE RING ROAD**

SPAIN



**THE ROCADE DEL MIG**

SPAIN



# QUALITY



## CERTIFICAT N° 982211

Apave Certification certifie que le système de management mis en place par:  
*Apave Certification certifies that the management system implemented by:*

### TEC 4 INGENIEROS SA

Sur le site suivant (et les sites listés en annexe) :  
*On the following location (and the list of sites in appendix):*

**Carrer de Corsega, 299, 4° 4,  
08008 Barcelone, Espagne**

Pour les activités suivantes (détail des activités sites par site mentionné dans l'annexe) :  
*For the following activities (details of activities by site mentioned in the appendix):*

**Etudes d'Ingénierie, Suivi, Contrôle et Assistance Technique dans le domaine du Génie Civil et Travaux Publics**

A été évalué conforme aux exigences requises par:  
*Has been assessed to meet the requirements of:*

**ISO 9001 : 2015 \***

Ce certificat est valable à compter du:  
*This certificate is valid from:*

**05/04/2024**

Jusqu'au:  
*Until:*

**04/04/2027**

Directeur d'Apave Certification  
*Director of Apave Certification*

Patrice LABROUSSE



Seules les certifications suivies du  
signe \* sont couvertes par  
l'accréditation N°4-0552  
portée et liste des sites disponible  
sur [www.cofrac.fr](http://www.cofrac.fr)

Activité en réseau - Ce document n'est valable que sous  
présentation de l'annexe au certificat  
Network activity - This document is only valid upon  
presentation of the appendix to the certificate



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