Because there will always be residual risk,

**SITES-AFLA** watches over your structures

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**The Engineering of Durability since 1984**

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For an operator or an owner, ageing remains an abstract consideration of which consequences can vary from damages, accidents, safety inadequacy, operational losses, company image losses and non-compliance versus regulations improvements.

Using SITES methods, customers are able to monitor at any point in time, not only the state and the progression of its structure, but also the repairs which have to be done.

SITES solutions enables customers to manage ageing of structures and its consequences and thus preserve the value of its assets.

**MONITORING OF POWER PLANTS**
- Preventative maintenance strategy, initial and periodic inspection
- Design, installation and maintenance of monitoring instrumentation
- Technical assistance, Quality Assurance

Periodical monitoring of reactor enclosures, internal and external crack measurements, localization and appraisal of disorders during containment test etc.

**MONITORING OF RAIL INFRASTRUCTURE: GAUTRAIN**
- Development of monitoring philosophy
- Follow up maintenance
- Visual Inspections – Surveys - Investigations
- Technical Assistance

**MONITORING OF AIRPORTS: Terminal 2E of CDG Roissy Airport**
- Structural investigation and monitoring at the terminal after collapse on the roof

Assessment of the damages at the bottom surfaces of the shells using remote inspection system SCANSITES, geometrical profiles of the shells, characterisation of the piles geometry, continuous measurement of the shell displacements using TRACKSITES system, instrumentation (optical fiber sensors, crackmeters etc.).

**RADES LA GOULETTE BRIDGE TUNISIA**
- Installation of a complete monitoring system

Very high speed monitoring system consisting of measurement instrumentations, cameras and data acquisition devices. Entirely numerical, this acquisition device is connected via fibre to a dedicated control server allowing a 24/7 management of all static and dynamic data.
Our mission...

TO OBSERVE, MEASURE, ANALYSE, QUANTIFY and STUDY structures that surrounds us
TO ENSURE THEIR DURABILITY, SECURITY, AND OPTIMIZE MAINTENANCE COSTS

STUDIES
Drafting of maintenance strategies for the structures, Procedures, Compliance Procedures, Structural Analysis

VISUAL EXPERTISE
Regular visits and inspection (detailed, periodical, initial), Remote inspections with the SCANSITES tools and SIT'M system, Non- destructive tests

VIBRATORY EXPERTISE
Vibratory analysis, Low frequency measurements

GEOMETRIC MEASUREMENTS
High accuracy topometry, High accuracy levelling, planimetry (mapping), altimetry, Photogrammetry, Robotised survey, Lidar (3D scanning)

INSTRUMENTATION
Static and dynamic instrumentation, design and implementation of monitoring systems, supply, implementation, maintenance and repair, instrumentation management

MONITORING
Compilation of the instrumentation strategy, instrumentation design, realization, implementation and maintenance data operation

INFORMATION SYSTEMS
Design and realization of the information system for acquisition, data processing and management, industrial information systems, real-time monitoring system, client information appraisal
SITES support operators and owners of structures from their design until their deconstruction with on-sites services and studies.

Our 200 engineers and technicians, qualified and multidisciplinary skilled, our 30 years experience, and our mastery of ageing monitoring technologies for civil structures as well as equipments and environment surrounding, enable us to propose tailor-made monitoring solutions for each special case.

ENERGY

INDUSTRY

OIL AND GAS

TRANSPORT INFRASTRUCTURE
BUILDINGS

WATER INFRASTRUCTURES

ENVIRONMENT
WHY USE SITES?

1. OUR INDEPENDENCY GUARANTEES OUR IMPARTIALITY
   We do not have any capitalistic link with any design, construction or repair companies. With SITES, you get the true benefits of a third party.

2. OUR CAPABILITIES, OUR HISTORY, OUR PRESTIGIOUS CUSTOMERS AND OUR FINANCIAL HEALTH
   Minimize risks for customers. With SITES, you are guaranteed the utmost professional services and products.

3. WE MASTER AND TO OFFER BEST METHODS AND TECHNOLOGIES
   Guarantee the objectivity of our scientific process. With SITES, your questions will be answered with the most up-to-date solutions.

4. OUR CULTURE IS ON-SITE CULTURE, AS CLOSE TO THE CUSTOMERS AS POSSIBLE
   With SITES, you are sure that your correspondents knows your structure, we are always onsite.

5. OUR SOLUTIONS ARE ALWAYS FOUNDED ON EXPERIENCE AND UNIQUE DATABASES
   Solutions are implemented in the frame of a continuously improved Quality Insurance System. With SITES, each job feed the experience for the next one, for 30 years.

6. WE ARE VERY SPECIALISED
   Our focus on one profession enables us to focus our efforts onto all skills of the profession. With SITES, you benefit from our 200 experts specialized in global monitoring of structures.

7. WE APPLY OUR PROFESSION IN MANY MARKETS
   Innovations, deriving from each market specialities benefit the other markets. With SITES, you benefit from the experience of the others.

8. OUR OFFER IS GLOBAL AND VALID FOR ALL YOUR STRUCTURE LIFESPAN.
   With SITES, you will get services from a partner; we value partnership we make with our customers.
With four agencies and one office in France, the three subsidiaries in Guangzhou (China), Tunis (Tunisia) and Johannesburg (South Africa), SITES and their 200 partners are committed on a daily basis to the sustainable development of structures and continuous progress.

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**COOPERATE STATEMENTS**

SITES-AFLA IS A LEVEL IV CONTRIBUTER TO BEE,
WE SUPPORT THE GOVERNMENTS IN ITS OBJECTIVE
TO ADRESS THE INEQUALITIES OF THE PAST.

SITES REMAINS COMMITTED TO QUALITY, SAFETY OF
PEOPLE AND ENVIRONMENTAL SAFETY

WE ALSO REMAIN COMMITTED TO PARTNERING
WITH OUR CLIENTS TO OFFER THE BEST SERVICES
AND TRANSFER SKILLS AND TECHNOLOGY