# RAMCES Pléiade, external stress calculation software generated on the pipes

# **YOUR CHALLENGES**

Evaluate the acceptability of external constraints exerted on buried pipes, and benefit from reliable decision-making support to define your work plans or design the laying of pipes.

#### **OUR VALUE-ADDED SKILLS**

- Calculation of stresses caused by different external stresses on pipes carrying fluids.
- Decision support tool for work near buried gas pipelines, and to assist in the design of underground pipelines.
- Validated physical models with numerous digital and/or experimental campaigns.
- Software that is intercompared with the standards and technical requirements of gas operators, and developed in accordance with the regulations in force.
- Regular updates, and a team dedicated to training and maintaining the software.

### **THEY TRUST US**







#### **OUR REFERENCES**

- Carrying out acceptability studies related to external constraints (road overload, impact of construction machinery, vibrations, etc.)
- Design aid for the laying of buried pipes.

## **PRICE OF THE SERVICE**

- 1st year including entry ticket and user license: €7.60 excl. VAT/km of network per country (maximum 15 licenses/country)
- Annual license from the 2nd year of use: €2.80 excl. VAT/km of network (maximum 15 licenses/country).
- · Training and technical support hotline: on quote
- · Price of evolutionary maintenance: on quote.
- Contact us to specify your needs and receive a personalized offer.

## **OUR CONTACT**

Mohammed NAIT ALI, Research Engineer

Tél.: +33 6 88 71 60 85

Email: mohammed.naitali@natrangroupe.com



