





# Summary

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# **Editorial**

#### YOU HAVE **SPECIFIC NEEDS**

# WE ARE **READY**TO MEET THEM

Deltafluid specializes in the design and manufacture of flow measurement, temperature measurement and pressure regulation devices.

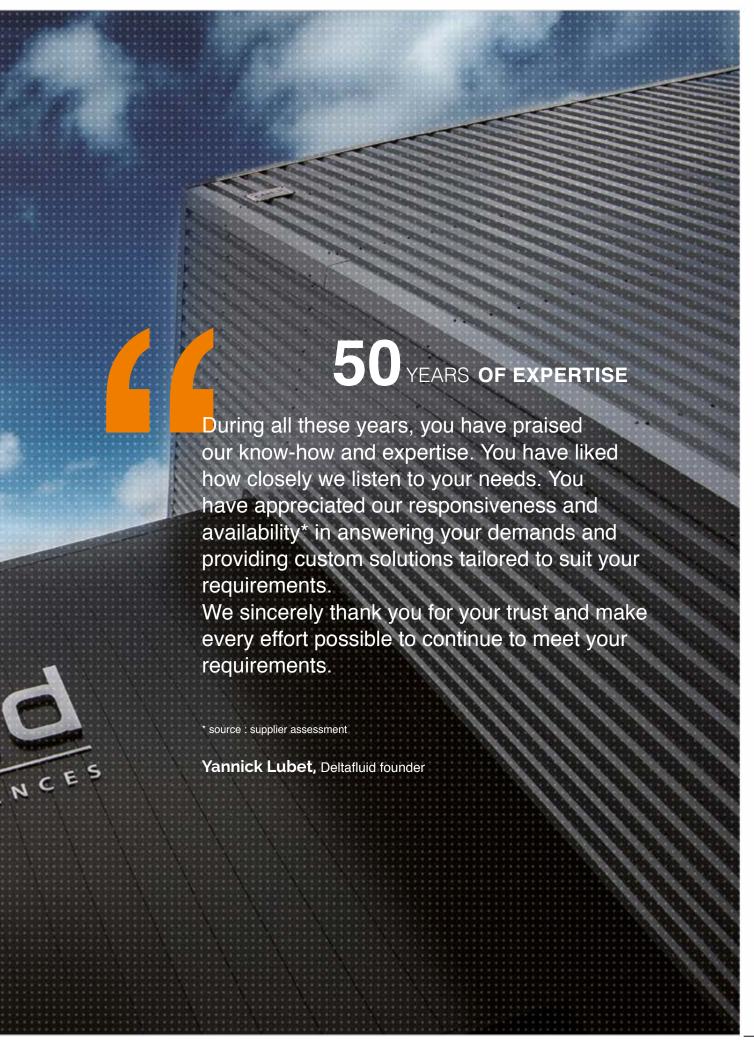
Historically located near to the biggest French gas reserve (Lacq – south-western France), the company has been established in the industries of Oil & Gas since the beginning of the seventies before opening to other markets (Chemical & Petrochemical, Power, Iron & Steel, Water, Food & Drinks, Paper, etc.).

Under the name of Deltafluid since the 2000's, we develop a comprehensive range of instrumentation devices oriented towards fluid measurement and control.

The recent takeover of Pipeline Engineering & Services allows us to offer a more complete range of services. We are now able to perform studies and provide technical advice for the construction and installation of pipings, pipelines and penstock pipes.

We wish to remain a small company, in which everyone plays a key role for customer service and satisfaction. You will always find a team you can rely on!





# Ours commitments











YOU HAVE URGENT NEEDS

WE ARE **AVAILABLE** AT ANY TIME TO ANSWER TO YOU.

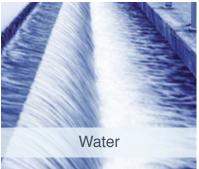
Our organization allows us to provide you with prompt answers and to meet your urgent needs.



We are able to offer you comprehensive and customized solutions that fit your applications.

# CUSTOMIZED SOLUTIONS TO ANSWER YOUR NEEDS.











OUR KNOW-HOW AND **EXPERTISE** ARE AT YOUR SERVICE.

Our experience associated with CFD and complex structure simulation's latest technologies allows us to give you clear and detailed responses.



MEETING THIS REQUIREMENT IS OUR MAIN GOAL.

We build and implement a quality policy which ensures traceability and compliance with specifications from the time you order until delivery.

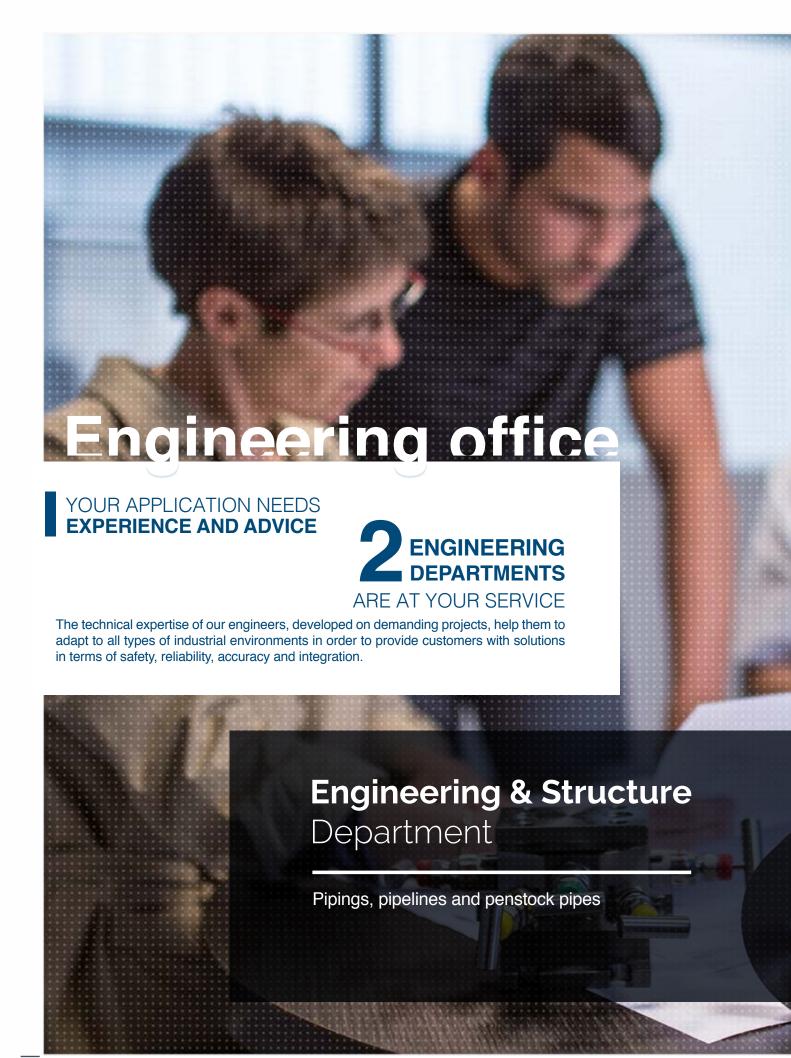
20 YEARS OF TRUST
Our partnership with Deltafluid has lasted for over 20

years. We particularly appreciate their responsiveness and the quality of their products manufactured in-house. In our day-to-day, it is essential to be able to rely on this qualified partner who is fully invested in each of our projects.



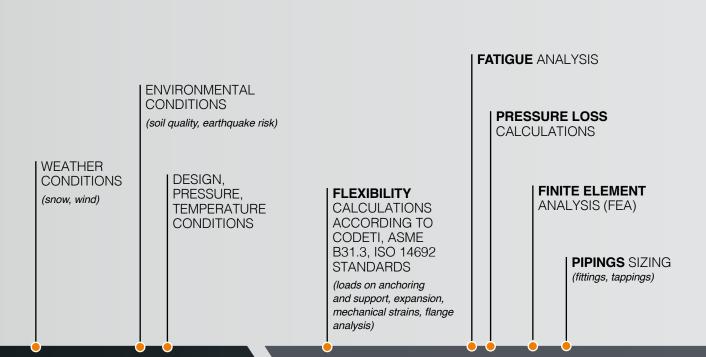
#### Stéphane Verniers & Paul-André Tenaerts

Product specialists - Instrumentation Department

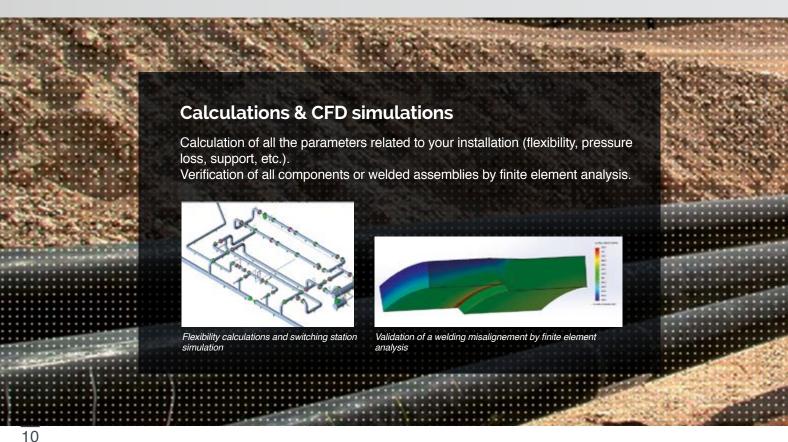




# **Engineering & Structure Department**



#### **CUSTOMER DATA**



# PIPINGS, PIPELINES & PENSTOCK PIPES

#### PRESSURE EQUIPMENT

CALCULATIONS ACCORDING TO CODAP

#### CALCULATIC

**STRUCTURAL** CALCULATIONS

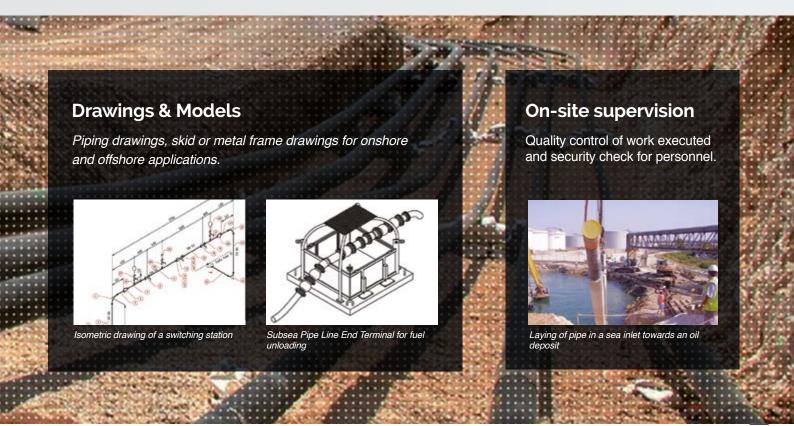
CIVIL ENGINEERING CALCULATIONS FOR SUPPORT DRAWINGS : isometric,

skid, piping, metallic structure

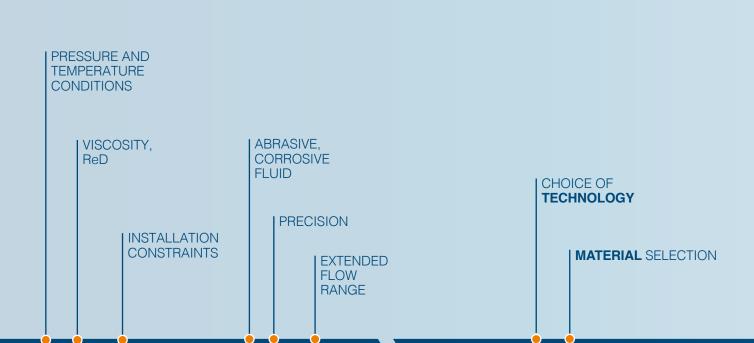
> CIVIL ENGINEERING DRAWINGS: formwork, frame

ON-SITE SUPERVISION

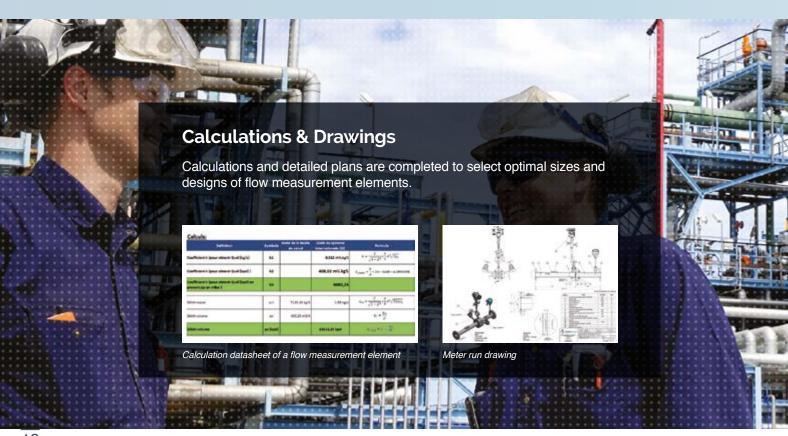
INSTALLATION **EXPERTISE** 



# **Department of Fluid Mechanics**



## **CUSTOMER DATA**



# FLOW MEASUREMENT

CALCULATIONS ACCORDING TO **ISO 5167**, ISO/TR 15377, ASME MFC-3M, R.W. MILLER, ASME PTC 19.5 STANDARDS:

pressure loss  $\Delta P$ , orifice diameter d, flow Qm or Qv

CALCULATIONS
ACCORDING
TO CODETI,
CODAP, ASME
CONSTRUCTION
CODES

**DENSITY**CORRECTION

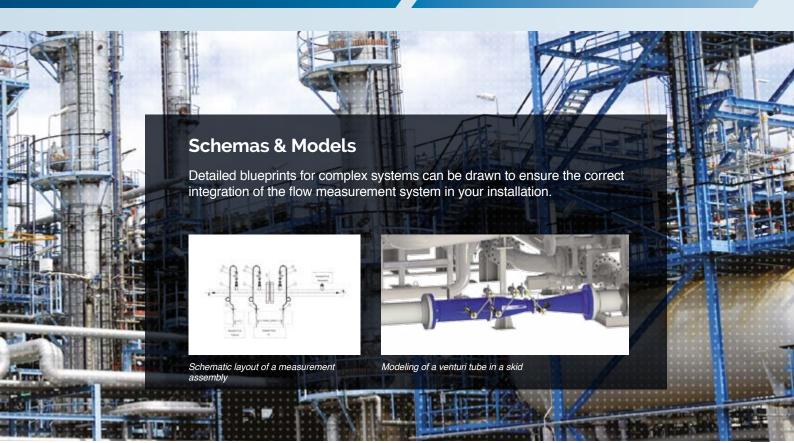
| MEASUREMENT | ASSEMBLY **MODELING** | (skids)

> DRAWINGS, INSTALLATION DIAGRAMS, DATA SHEETS

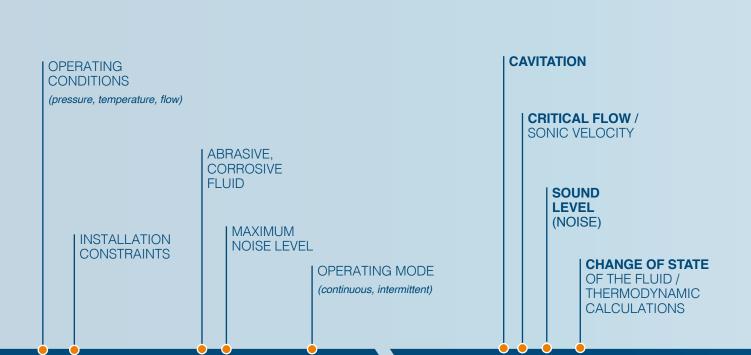
PREVENTIVE **MAINTENANCE** 

COMMISSIONING SUPPORT SERVICE

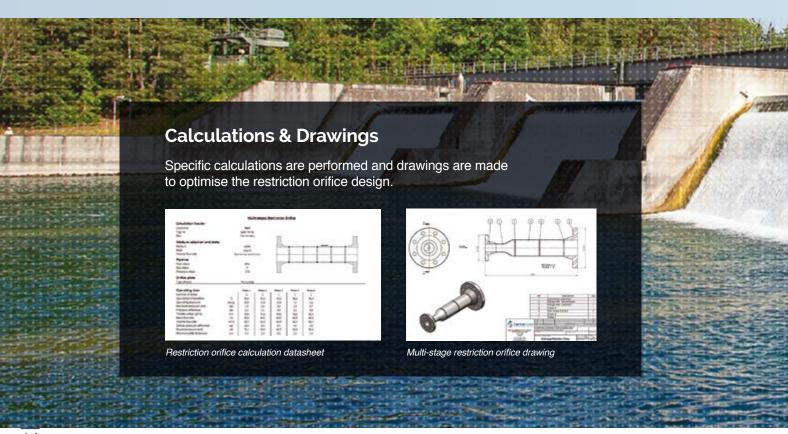
INSTALLATION **EXPERTISE** 



# Department of Fluid Mechanics



**CUSTOMER DATA** 



# FLOW LIMITATION AND PRESSURE REGULATION

FLOW **SIMULATION** (CFD)

DESIGN OPTIMISATION

MATERIAL SELECTION SIZING ACCORDING TO CODETI, CODAP, ASME CONSTRUCTION CODES

CALCULATION DATASHEETS, DRAWINGS

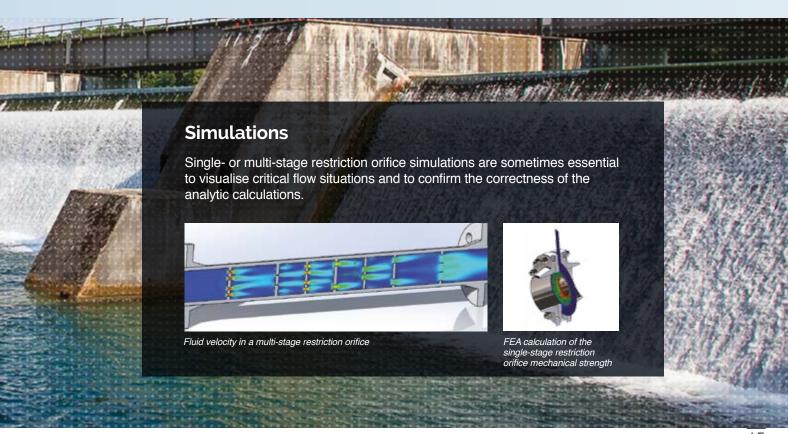
MAINTENANCE

**PREVENTIVE** 

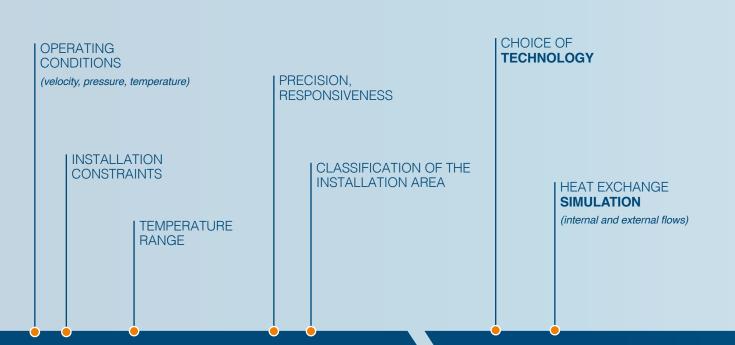
| INSTALLATION | EXPERTISE

**COMMISSIONING** 

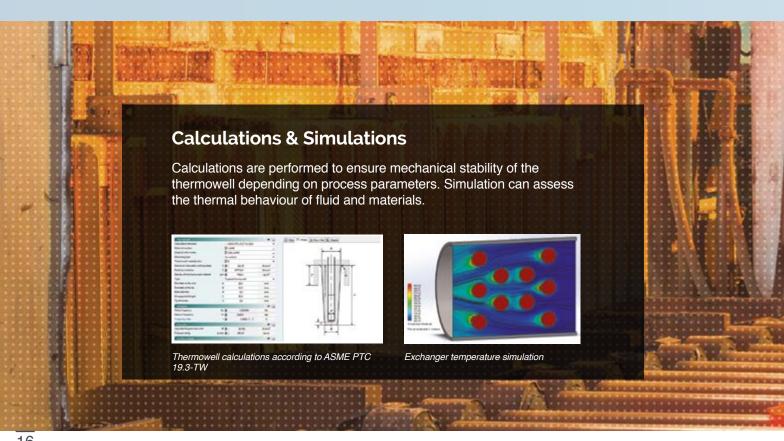
**SUPPORT SERVICE** 



# **Department of Fluid Mechanics**



# **CUSTOMER DATA**



# TEMPERATURE MEASUREMENT

EXAMINATION OF THE
THERMOWELL MECHANICAL
STRENGTH ACCORDING TO
ASME PTC 19.3 TW

MATERIAL
SELECTION

LOOMMISSIONING

CALCULATION DATASHEETS, DRAWINGS, DIAGRAMS PREVENTIVE **MAINTENANCE** 

COMMISSIONING **SUPPORT** SERVICE

INSTALLATION **EXPERTISE** 

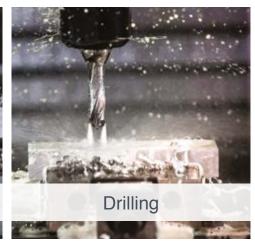


**Manufacturing** 



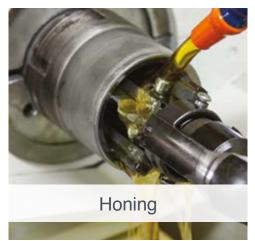
Turning



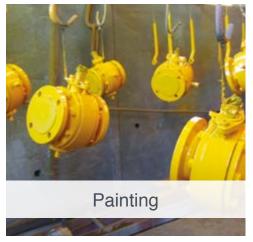




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# INSPECTION AND NON-DESTRUCTIVE TESTS

We can perform non-destructive tests on each machined or welded part we produce, in compliance with customer specifications: PMI, dye-penetration, X-ray, ultrasound, hydrostatic tests, etc.

## MARKING, TRACEABILITY



Data plate

#### Hydrostatic test

# VISUAL AND DIMENSIONAL INSPECTION

A systematic visual and dimensional inspection is performed in accordance with the approved drawing. Our test devices (3-dimensional measuring arm, callipers, measuring column, slip gauges, roughness meter) are calibrated periodically by a metrology laboratory.



Measuring arm

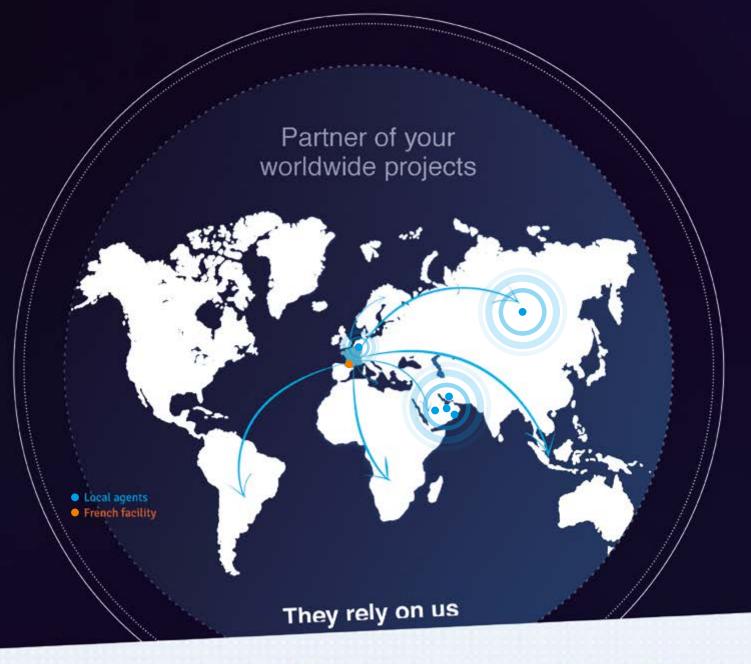
# **CALIBRATION**

Our devices are manufactured according to international standards which guarantee high-quality measurements. For non standard applications, calibration of the device can be performed by a certified body.



Standard flowmeter





























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