

**English version of our web site is coming. Stay tuned!**



T&A, acronym of **TECNOLOGIE e AMBIENTE**, was established in 1994 as a service company related to the construction and maintenance of Gas Stations.

Starting as workshop for assembly and maintenance, from the beginning, T&A was characterized by a particular nudge in wanting to differentiate from other companies in the same field, using the equipment of an internal laboratory for the accuracy maintenance of the fiscal measuring devices and taking the first steps in the field of environmental cleanup and remediation. The assembly of remediation units, equipment and robot takes always care to develop technologies to allow workers to be lifted from dangerous operations in confined spaces, the current concept of NO MAN ENTRY technologies, and with a focus of an highly professional staff on the process control to ensure the optimization of the final result.

Since 2004, T&A activated an engineering staff that analyzes and interprets the best available technology in the field of in situ remediation. Thanks to the experience and professionalism gained in the previous years in the construction and maintenance of Gas Stations, quickly defined its own construction standards.

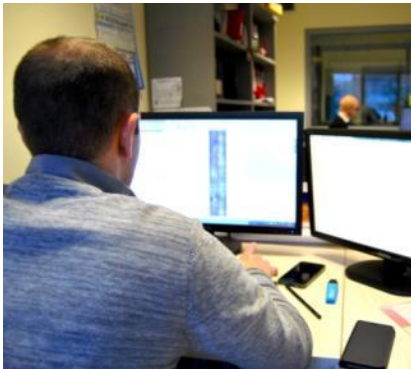
In the following years, with the same disposition, T&A activated a small Research and Development department for design and production of prototypes, careful to intercept and interpret particular niche needs.

Currently, T&A works in all areas of environmental protection and in the OIL & GAS maintenance, offering its Customers highly personalized services characterized by high quality and innovation.

With a staff of 22 employees, in the past two years, T&A has developed 290 projects and produced 110 remediation units installed on 70 contaminated sites.

## T&A'S DEPARTMENTS

### Technical Office and R&D department



Focal point of engineering, development, and industrialization with a definite focus on innovation and continuous improvement of products, the technical staff ensures the following services:

- Development of feasibility studies
- Preliminary and executive engineering
- 3D engineering
- Industrialization and optimization of products
- Development of ATEX solutions
- Prototype development



### Workshop and prototypes department



It's the productive sector of T&A, consisting of a professional technicians team and equipped with machine tools for precision working. The department ensures outputs that combine a craftsmanship quality with industrial reliability.

- Construction and assembly of plants and remediation units
- Assembly e repair of the prototypes
- Maintenance and reconditioning of equipment

### Instruments calibration laboratory



It's the quality control center for safety instrumentation and process verification ensures services of:

- Maintenance, calibration and span of measuring instruments and devices for personal protection (personal protective equipment)

## Warehouse



A Dynamic and efficient staff that manages a stock of over 10,000 technical items arranged on a surface of 3,000 square meters for:

- Sale of technical spare parts and materials for the construction and maintenance of plants and equipment

## External Teams



Teams of versatile highly professional technicians with excellent on-site training, able to ensure the following services:

- Installation and decommissioning of plants
- Predictive, ordinary and extraordinary maintenance of plants
- Implementations

## T&A'S SECTORS

### 1. In situ Soil, Groundwater and Wastewater remediation plants:

Water Treatment

Soil Vapor Extraction - SVE

Air Sparging - AS

Bio Venting - BV

Multi Phase Extraction System - MPE

High Vacuum Multi Phase Extraction System - HVMPE

In situ thermal desorption - TD

Pneumatic pumping systems

Bioremediation

Chemical Oxidation



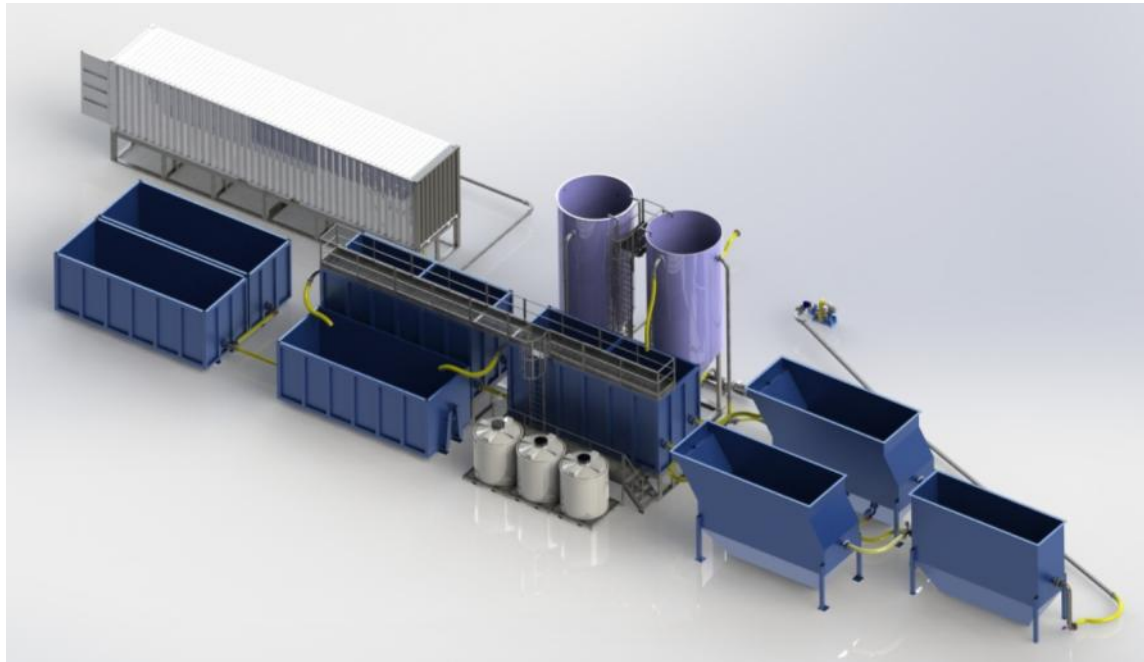
### Services:

- Feasibility
- Design (Engineering)
- Construction
- Installation
- Maintenance
- Spare parts warehouse



## 2. Ex situ Soil, Groundwater and Wastewater remediation plants:

Bioremediation  
Mechanical dewatering  
Soil Washing  
Water Treatment  
Inerting e stabilisation  
Oily sludge separation  
Thermo-catalytic oxidation  
Thermo-regenerative oxidation

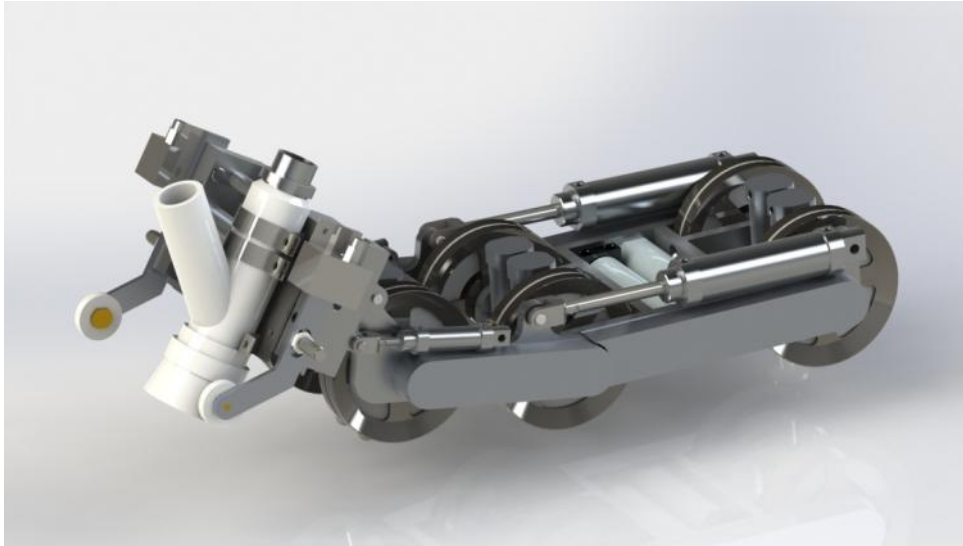


### Services:

- Feasibility
- Engineering
- Construction
- Installation
- Maintenance
- Spare parts warehouse

### 3. NO MAN ENTRY technologies

Robots, instruments and equipments for maintenance in confined spaces and in presence of ATEX explosive atmospheres



Services:

- Feasibility
- Engineering
- Construction
- Maintenance
- Spare parts warehouse



ATEX

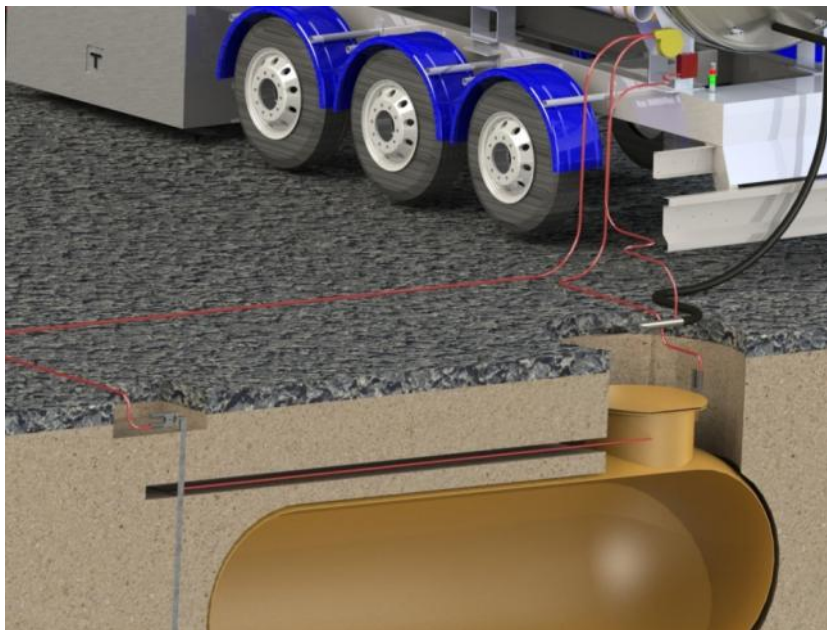
#### 4. Diagnostic technologies

Equipment and systems for non-destructive testing:

Visual Inspections

Leakproofness tests

Check of correct grounding



Services:

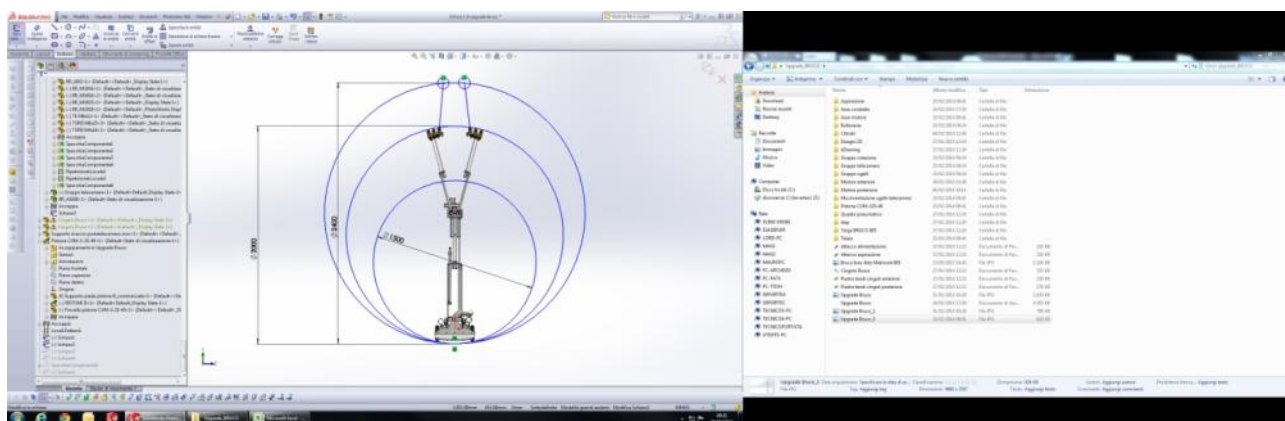
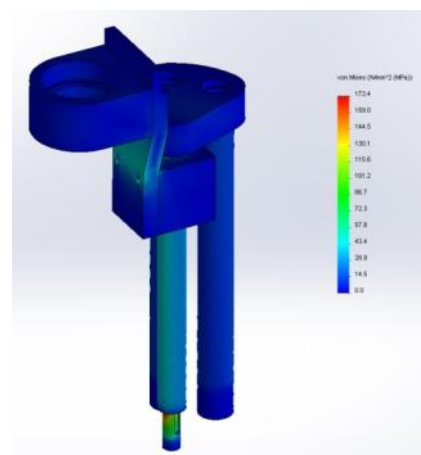
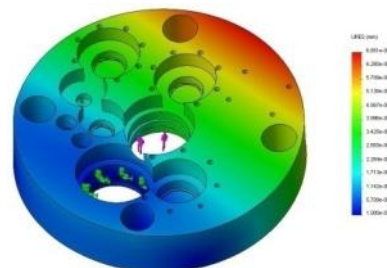
- Feasibility
- Engineering
- Construction
- Maintenance
- Spare parts warehouse



## 5. Engineering

### Services:

- Feasibility studies
- Preliminary and executive engineering
- 2D, 3D engineering



T&A

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