

GuidoGroup

from 1916... more than **100 years** of history with an eye to the future

COMPANY PROFILE



No.Do. e Servizi
Engineering Company



231 Società dotata di MODELLO ORGANIZZATIVO ex D.Lgs. 231/2001

SOA LAGHI Programmazione e Costruzione





WHO WE ARE

No.Do. e Servizi was established in 2003 from the idea of Eng. Carmine Guido who has pursued the family's tradition, active since 1916. On this track since October 2021, the company was passed to the son Eng. Francesco Guido from the fourth generation. Meanwhile, the company has expanded buying shares of multiple other activities and diverse markets, identifying these initiatives as a possible step for a profitable developed future.

COMPANY'S MISSION AND POLICY

The company develops the activity of technical services in design and planning, work management, regulatory normative and technical assistance. Works at providing effective solutions to satisfy its clients, keeping in considerations the goal of minimizing the environmental impacts dedicating maximum attention to health and safety of its workers and third parties involved in the activities. No.Do makes constant efforts on the research of high quality and safety solutions in the international landscape to meet the need of its clients at a competitive price with lowest possible environmental impact

Furthermore, to minimize the risk of committing wrongdoings internally and therefore guarantee transparency and reliability to Clients, the Company has chosen to adopt the Management and Control Organizational Model (MOG) pursuant to Legislative Decree 231/01, certified by external organization.

CERTIFICATIONS AND REQUIREMENTS

No.do e Servizi s.r.l. provides consultancy and design services, using technical and managerial knowledge, to offer concrete solutions in the oil and non-oil, environment, health and safety sectors.

No.do. is made up of a group of qualified technicians, with specific experiences, in order to provide a mix of experiences and skills aimed at the problem to be addressed, drawing when necessary, from external collaborations, coordinating their work with project management methodologies. In this context, quality is the fundamental criterion for guaranteeing correct management of work processes and providing a service that satisfies the customer's requirements. For years now, the company can boast a modern work process certified according to the **ISO 9001:2015** standards (Engineering services; Project Management; Verification activities on the design of the works for the purpose of validation), **ISO 14001:2015**, **ISO 45001:2018**, **ISO 50001:2018** and **ISO 37001:2016** therefore according to a quality, environment and safety system capable of providing the customer with a product guarantee. Confirming the commitment, NoDo obtained the certifications **UNI/PdR 125:2022 "Certification of gender equality"** and **ISO/IEC 27001:2022 "Information Security Management System"** for the adaptation of IT security to the highest standards and the guarantee of correct management of classified data.

Much attention is paid to corporate management in terms of social responsibility and therefore of respect for human rights, respect for workers' rights, protection against the exploitation of minors, guarantees of safety and health in the workplace. For this purpose, the management of resources and workplaces takes place through a **SA 8000:2014** certified process. Node. has also integrated within its own structure the ExxonMobil Integrated Safety Management System (OIMS - Operations Integrity Management System) which directs the management of risks in the field of Health, Safety and the Environment within the sites in which the company operates and provides a systematic, structured and disciplined approach to all operational lines. (Issuing OIMS qualification)



TURNOVER AND TERRITORY

Turnover for the last five years

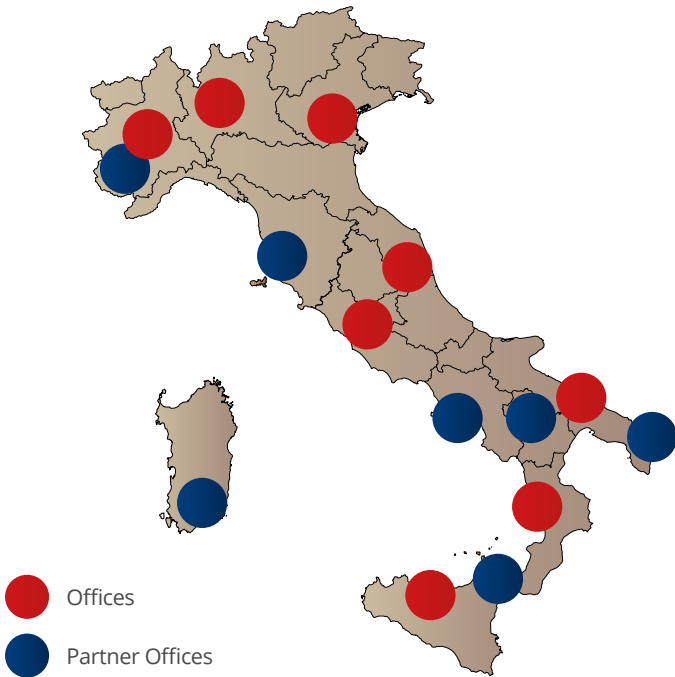
- 2019 Turnover € 2.350.574,00 (financial statements presented)
- 2020 Turnover € 3.213.750,00 (financial statements presented)
- 2021 Turnover € 7.601.525,00 (financial statements presented)
- 2022 Turnover € 10.265.272,00 (financial statements presented)
- 2023 Turnover € 17.500.000,00 (provisional financial statements)

Territorial coverage No.Do. e servizi s.r.l.

No.Do. works in all the national Italian territory throughout ofices with company staff members and also with gross detailed and experienced professionals. These people, being residents in the Italian region, they provide a deep knowledge of the local territory and the diverse bureaucratic aspects of it. Moreover, No.Do. works in specific territorial scopes by virtue of the obtained or ongoing framework agreements with multiple partners.

Offices and branches

Rende (CS) – Cosenza – Roma – Milano – Bari – Palermo – Torino – Silea (TV) – Grottammare (AP) – Madrid (E)



RECOGNITIONS

SYMBOLA

100 Italian E-mobility Stories 2020

To accompany the growth of electric mobility, for three years Fondazione Symbola and Enel, and starting this year in collaboration with FCA, have produced a report on Italian e-mobility, telling one hundred stories of companies, universities, research centers and associations which, in their own segment of the value chain, they are contributing to the development of the entire supply chain: from vehicle design to production, from components to batteries up to charging infrastructure.



ENEL X

No.Do. began its collaboration with Enel in 2017, after passing the evaluation process, the qualification as a supplier for the category "ENGINEERING SERVICES". The collaboration has led to the stipulation of more than 20 contracts, with the companies of the Enel group, (Enel Italia srl, Enel sole, Enel si srl, Enel x, Enel Produzione, Enel X Mobility, Enel Distribuzione, Endesa Energia). **Among these, the contracts for the design and installation of charging infrastructures for electric vehicles on the national territory stand out, for which No.do. e Servizi was awarded as best partner by Enel X.**



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ESSO

No.Do. e Servizi s.r.l. during its career has collaborated with some of the most important players on the international market in various areas. In carrying out and managing the work, the Company has always given great importance to punctuality of delivering projects with respect to the needs of the customer. Another very important aspect is the safety in the workplace, adopting it as the main essential ethical style for all workers. The numerous awards testify to this, including the "21 years of ESSO construction sites without accidents"



FONDAZIONE MARISA BELLISARIO

The WOMAN VALUE COMPANY award, assigned by the Bellisario Foundation, in collaboration with Intesa Sanpaolo, is the recognition reserved to SMEs that stand out for the concrete and innovative strategies and policies to enhance women's contribution in the company. All companies to participate in the program are those that record good economic and financial performance and which have distinguished themselves in management of gender diversity, through: family/work conciliation; initiatives in favor of free time management (benefits, vouchers, internal nurseries, etc.); flexible work; non-discriminatory merit remuneration policies; development and enhancement plans of women's skills and careers. No.Do. awarded receiving a plaque testifying to the commitment of the enhancement of women's work.



OUR SERVICES

ENGINEERING AND TECHNICAL SERVICES

The No.Do. e Servizi S.r.l., thanks to the skills acquired in its long and intense activity, is able to follow any type of projects, in the civil and industrial fields, from the feasibility study to the architectural design, to the plant design, up to the supervision over the execution of the works. The Company's objective is to optimize processes in order to offer customers a complete solution, assisting them from the preliminary stages of the project up to the delivery of the completed work, thus configuring itself as a single point of contact for the coordination of all phases of design and realization of the work.

CONSTRUCTION AND INDUSTRIAL ENGINEERING CONSULTANCY AND DESIGN

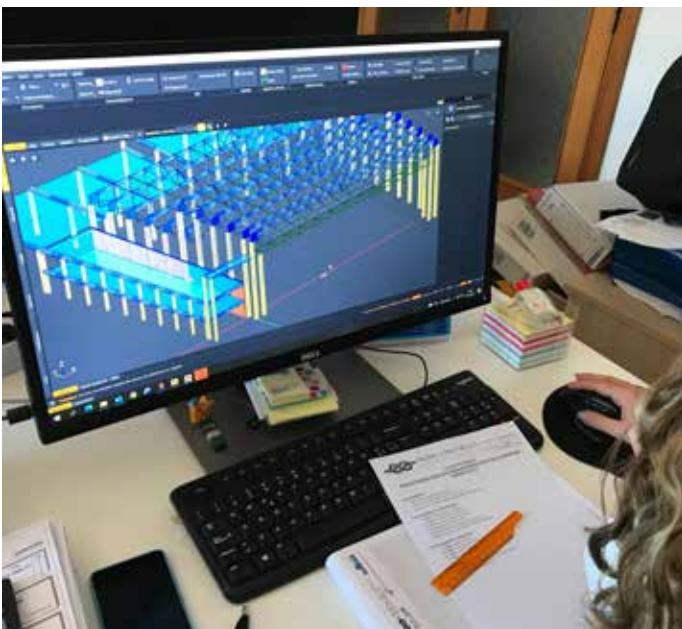
The design and construction of a work includes various areas regulated by regulations and highly articulated technical aspects, such as fire prevention, electrical and/or thermal plant engineering and safety. For this reason, the consultant is a very important figure in the world of engineering.

No.Do. e servizi has all the competences to offer to its clients specific consultancies and assistancies on design and work. The No.Do. e Servizi is able to offer its customers special consultancy and assistance in the planning and execution of works, in many sectors, such as energy audits, feasibility studies, surveying and cadastral operations and much more.



COMMERCIAL SERVICES

- surveys, risk assessment, commercial and feasibility studies
- market analysis and investment programs on macro areas
- domiciliation of companies and businesses in Calabria logistics and secretarial services
- professional human resources with man/hour system
- Activities and Services



WORK MANAGEMENT, SITE SAFETY AND TESTING

The many years of experience of No.Do. has formed a staff of construction management able to adequately manage all phases of realization of a work ensuring an optimal result. The specialist knowledge and experience of the technicians of the No.do. are a valuable contribution in the preliminary analysis of the project, in the checks required by the Regulations, in assistance on site, in real-time accounting, in the ability to respond to company requests and/or reserves, in the attention to the compliance of the work with the project forecasts, in the drafting of any project additions, in assistance during the testing and in all the activities that contribute to the realization of the work in full compliance with regulations and safety, with the aim of total customer satisfaction. Our Company manages the logistics for supplies on site in the right and useful times according to needs. In the field of security, No.Do. is able to provide all the professional figures required by the Consolidated Law on Security pursuant to Legislative Decree 81/2008. Our technicians, charged with carrying out these functions, have specific qualifications and continuous and constant professional updating, the result of dedicated training and direct experience in the field.

Activity and services

PROJECT MANAGEMENT

Assigning a project to No.Do. e Servizi s.r.l. it means being sure to come into contact with a serious reality and with a proven experience. The company's team, made up of various professional figures, is able to follow and manage all the main phases of a project throughout the country, from analysis to planning up to the achievement of all the objectives shared with the client.

Node. e Servizi s.r.l. is specialized in various sectors and the main Project Management experiences concern the following macro-areas:

- fuel sector
- tourism and services
- real estate sector
- offices and banks

TECHNICAL AND COMMERCIAL SERVICES

Within many of the services offered, the project management activity is fundamental with the management/analysis of all the information relating to complex projects. For this management activity, NoDo uses PMS (Project Management Software), a data and project management program, created exclusively for the Group, certified and patented at European level in the name of the Prometeo Engineering Group company. The PMS is also equipped with the Schedule module, used and tested for many years for the management of schedules of Retail-type Customers. The PMS is very streamlined and simple to use as the data can be easily entered directly from an excel matrix and exported to an excel matrix. It works in a Web environment and therefore can also be consulted immediately by the Customer, also to quickly download documents in progress or from "history".

Below are the main technical services, also on site, commercial and real estate offered by No.Do.

- **public authority authorization expiration monitoring services and any renewals**
- **services with bureaucratic process monitoring until permits are obtained**
- **specific consultancy for compliance with the atex directive 99/92/ce, legislative decree 233/03**
- **verification and certification of conformity of electrical systems**
- **connected services pursuant to Legislative Decree 626/94 and the new Legislative Decree 81/08 (safety in the workplace)**
- **quality and cost monitoring**
- **digital and satellite topographic surveys**
- **geographical and aerial surveys using drone**
- **surveys of sites and buildings**

including three-dimensional ones, with a 3D laser scanner device

- **renegotiation of leases**
- **cadastral services**
- **energy certification services**
- **services for bureaucratic adjustments of properties, also aimed at the notarial deed**
- **standardization and archiving, also on a web platform, of real estate data (cadastral, planimetric, plant engineering, etc.)**
- **search for properties/sites for development activities**
- **surveys, risk assessment, commercial and feasibility studies**
- **market analysis and investment programs on a large scale**
- **domiciliation of companies and businesses in Calabria logistics and secretarial services**
- **professional human resources with man/hour system also in-house**



INVESTIGATIONS AND REVIEWS

The design activity cannot pre-separate from the acquisition of details and information of a qualitative and quantitative nature of the object of the intervention. The fact-finding phase of a site or a building is not only based on procedures and activities aimed exclusively at determining direct or indirect measures, but must extend to knowledge of the entire object. From this point of view, the survey of an existing building must identify the resistant organism of the construction, also bearing in mind the quality and state of conservation of the materials and constituent elements. Furthermore, any instability, in progress or stabilized, will have to be detected, paying particular attention to the identification of crack patterns and damage mechanisms.

The NoDo technicians, thanks to the considerable experience gained and the rich equipment available to the Company, are able to carry out important activities in the main areas:

- **surveys and material-structural investigations;**
- **surveys and measurements on systems and environmental comfort;**
- **geophysical and land surveys.**

PROPERTY SERVICES

- **property valuation services, lease renegotiations**
- **cadastral services**
- **energy certification services**
- **services for bureaucratic adjustments of properties, also aimed at the notarial deed**
- **standardization and archiving, also on the web, of real estate data (cadastral, planimetric, plant engineering, etc.)**
- **search for properties/sites for development activities**

DUE DILIGENCE

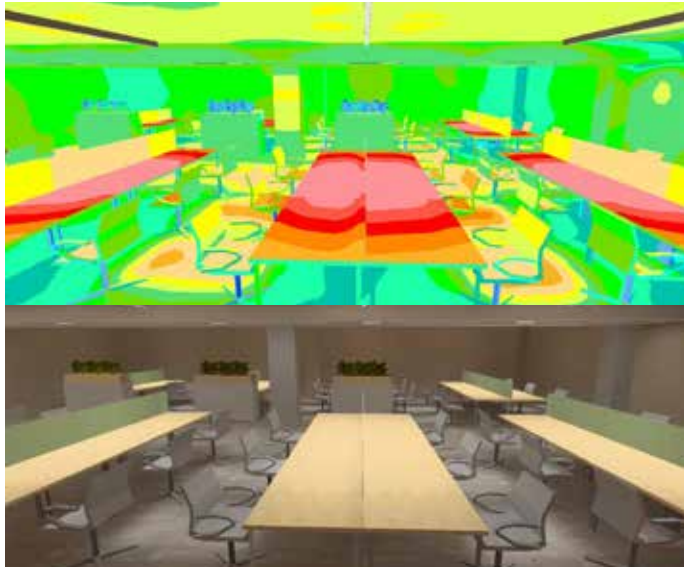
It is an organized activity aimed at collecting and verifying information of an economic-financial, real estate, commercial, managerial, patrimonial and environmental nature relating to a property subject to acquisition or possible acquisition in order to obtain as a final result a detailed picture of the reality in question. The Historical Documentary Due Diligence Activity can also be implemented to verify the congruence between the building system resulting from the available documentation and the geometric-structural survey carried out. No.Do. with its staff it boasts a series of professionals with different technical skills such as to completely conduct the entire Due Diligence process by precisely analyzing every single specificity. Particular feature is the effectiveness with which it manages to organize survey campaigns in a very short time in national networks being able to count on the experience gained by its staff, operating throughout the Italian territory.

PLANT ENGINEERING

SHARING, KNOWLEDGE, RESEARCH

These are the concepts that guide our plant engineers. Sharing of design choices, essential to achieve the goal desired by the customer. Knowledge, the know-how gained over years of experience in plant design, supported by the technical instrumentation available to the staff, allows for an accurate

analysis of the current state of affairs and for identifying the most appropriate design solution. Furthermore, Research allows us to offer the customer innovative solutions aimed at optimizing the future management and maintenance of the systems, paying great attention to energy efficiency.



Progetto illuminotecnico di un ambiente ad uso uffici

ILLUMINATION SYSTEMS

No.Do. offers engineering services in the Illumination sector, basing the design and identification of materials on maximum energy efficiency, the reduction of maintenance costs and the increase in the durability of the systems themselves. Design in the residential sector takes into account the main constraints of an aesthetic-architectural nature, while in the industrial sector economic optimization is preferred according to the minimum regulatory requirements.

ELECTRICAL INSTALLATIONS

Planning in the electricity sector requires a strong knowledge of sector regulations, and consists in the construction of electricity distribution networks serving end users. In the industrial sector, NoDo has acquired considerable know-how in the construction of large infrastructures in High Voltage, Medium Voltage, HT/MT substations and MT/LT transformation cabins. As far as LT networks in the industrial sector are concerned, NoDo deals with electrical systems serving Data Processing Centres, where the presence of Generating Sets and UPS Systems for the continuity and stability of the power supply to the users and the request for systems due to the redundancy and safety of the system, they considerably complicate the system architecture.



AIR CONDITIONING AND HEAT PRODUCTION

The design is based on the principles of energy efficiency, linked both to the methods of use of the system and to its correct sizing. In the industrial sector, where the plants serve specific production users and the plant sizes are considerable, even in the order of several thermal and refrigeration MW, the design is more oriented towards the process and the user to be treated. When comes to residential buildings of considerable size, such as for example large condominiums, No.Do. is specialized in new constructions and revamping of systems for thermo-cooling generation, particularly focusing on systems with very high energy efficiency and low environmental impact, such as for example the hybrid systems combined with Boiler and Heat Pump.

FIRE PREVENTION SYSTEMS

We are capable to offer the experience necessary to guarantee the achievement of the Fire Prevention Certificate; starting from a careful analysis of the site characteristics and the activities involved therein to proceed with the detailed design of the plant engineering and safety measures. On-site assistance also guarantees obtaining the CPI in full compliance with the project, avoiding discrepancies and costly adjustments. Among the activities subject to the control of the Fire Brigade, No.Do. also deals with:

- **Renewal of Fire Prevention certificates**
- **FD certification and sizing of the Structures**
- **Verification of the characteristics and correct functioning of the fire extinguishing systems**

SANITARY-WATER SYSTEM

Together with the electrical and air conditioning systems, they represent the fulcrum of the design to guarantee **well-being conditions**. Sustainable design integrates the **criteria of functionality, cost containment** and the **aesthetic result**, with environmental factors, the health and well-being of the building's occupants. No.Do. approaches the design of these systems with a strong practical sense, comparing the customer's needs with the regulatory constraints imposed, but also with great attention to comfort and sustainability. Regarding to that, No.Do. technicians have acquired considerable know-how by specializing and certifying themselves in the **LEED, WELL, ITACA** protocols.



COGENERATION AND TRIGENERATION PLANTS

Trigeneration can be defined as the extension of cogeneration. On the other hand cogeneration is the combined production of electricity and heat from the same primary energy, usually a fuel. In Trigeneration, the production of cold air or water is added to the production of electricity and heat. In compliance with the key principles of the energy transition, NoDo designs cogeneration and trigeneration systems to serve specific users falling within the range of application, such as hospitals or large industrial users. The cogeneration and trigeneration systems allow the simultaneous production of thermal and cooling electricity, leading to a net saving of primary energy; these systems require an adequate analysis of the pre-operam energy loads, both in absolute terms and in terms of hourly and daily trends.



SPECIAL SYSTEMS

These systems represent a special section in the sector and are characterized by a low degree of standardization including data/voice transmission systems, fire detection, anti-intrusion alarm and access control systems.

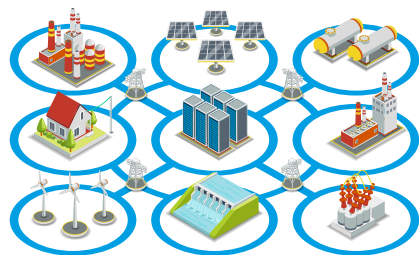
Data/voice transmission aims at creating local networks to interconnect different devices, which in the case of buildings used for office use correspond to the various workstations and various peripherals such as printers and plotters. In industrial applications, networks can also have the purpose of creating communication networks between different specific users.

Anti-intrusion and Access Control systems linked to active security for the control of some environments with particular restricted access conditions and aimed at detecting and reporting any intrusions within them.

SMART GRID

Smart grid is a set of information and electricity distribution networks that integrates the actions of all connected users (producers and consumers) in order to obtain sustainable, economic and safe electricity supplies. In fact, thanks to the use of intelligent networks, it is possible to influence the production and distribution of energy.

No.Do. designers have created the simulation of a smart grid reconstructing Enel Laboratories of Bari in Via Capruzzi. All the laboratory systems are connected in parallel to an IT network which allows greater continuity and reliability of the electrical system. Smart grid is simulated with ACS, devices that allow you to simulate a very extensive electrical network, such as that of a large city, with the presence of active and passive systems. The system also features important battery packs to simulate,



together with the ACS, the V2G "Vehicle to Grid" a technology that allows electric cars to be transformed from simple means of transport to energy carriers capable of exchanging electricity with the grid.

MEDICAL GAS PLANTS FOR HOSPITALS

In the field of plant engineering at the service of large hospitals, NoDo has acquired considerable experience in the implementation of networks for the generation and distribution of medical gases, such as oxygen, compressed air and vacuum systems. The design mainly concerns the sizing of the storage tanks and of the distribution ducts/pipes in compliance with the sector regulations for each component subject to rigorous safety requirements.

ELECTRIC MOBILITY

No.Do. has been engaged, for a few years, in the realization of the most extensive network of electric vehicle charging points ever made in Italy. The activity concerns all engineering services, that are: design, construction management and coordination of the safety for the installation of recharging infrastructure, including the construction of the electricity distribution network, the installation of the transformation substations, the arrangement of the stalls and the area intended for the installation.

In the last 3 years, Design, Permitting, Works Management assignments have been carried out for the construction of over 3.000 charging infrastructures for electric vehicles throughout Italy



Partner of the year

No.Do. Has started its collaboration with Enel in 2017, with the qualification as supplier for the "ENGINEERING SERVICES" category. The collaboration has led to the stipulation of more than 20 contracts with the companies of Enel group (Enel Italia, Enel sole, Enel si srl, Enel x, Enel Produzione, Enel X Mobility, Enel Distribuzione, Endesa Energia). Among these, the contracts for the design and installation of recharging infrastructures for electric vehicles on the national territory stand out, for which No.Do. e Servizi was awarded as best partner of the year by Enel X.



ARCHITECTURAL DESIGN

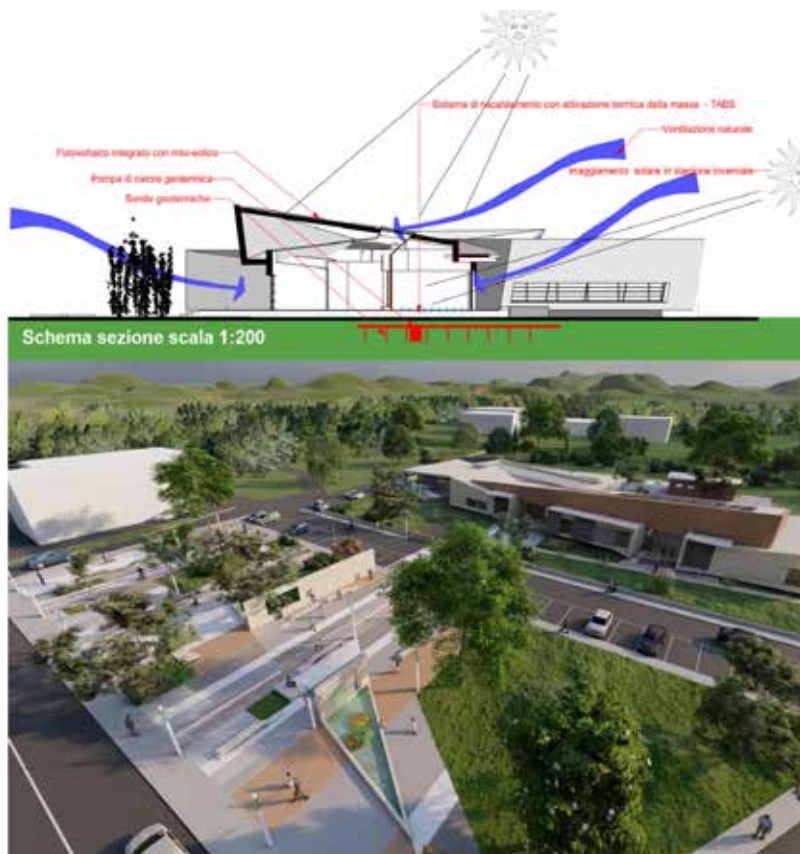
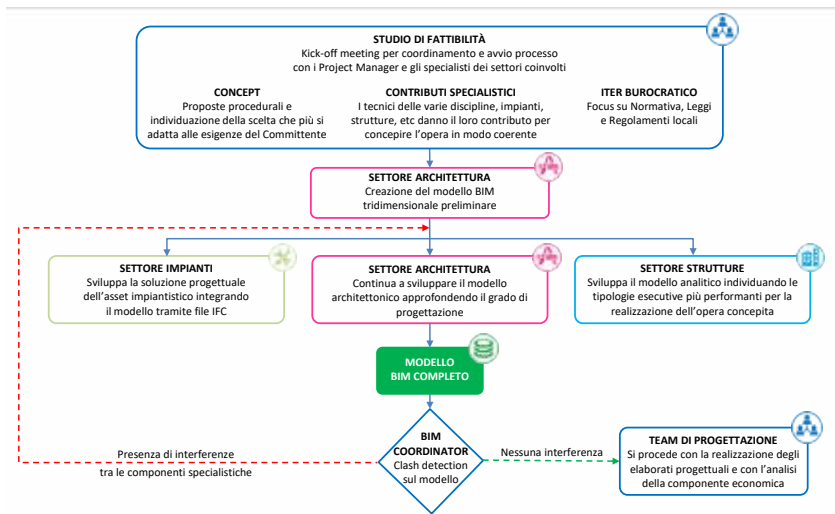
PAST, PRESENT, FUTURE our orientation is based on these words: knowledge of the past gives a design awareness in the present, with an eye at the new design technologies of the future. The professional reality of resources present in the sector, Surveyors, Engineers and Architects, give a completeness to the design process by producing drawings and complete models from every perspective, using BIM methodology. As a design approach. No.Do. focuses on teamworking and during these years has developed Know-how in all its operative sectors creating a coordinated work process in each single step. Bearing in mind the CAD and 2D designing were no longer enough to satisfy the need for collaborative design. As a result, NoDO has chosen BIM methodology to create a product that satisfies the requirements of its clients. By choosing BIM as its tool, the architecture sector is responsible for the creation of a model, which thanks to the collaboration with all the other sectors will become multidisciplinary and complete with all information.

When BIM model is accurate in its various components, the designed projects will best respond to the needs for which it was designed, knowing that it increasingly aims to optimize working times and resources.



BIM DESIGN

The development of a design idea involves different phases. The first phase, which involves various skills is the feasibility study. The goal is to evaluate its characteristics, costs and the way of creating it. Includes studies to adopt certain choices. To conclude this phase, Architecture sector technicians carry out the creation of the virtual model using BIM methodology, obtaining immediate feedback with the constructive aspects that are going to be confronted. The next phase, the final design, which fully identifies the works to be carried out, according to the requirements, criteria, constraints, guidelines and indications established in the preliminary design and contains all the fundamental elements aiming at issuing the required authorizations and approvals from all the involved parties. In this phase, the BIM model is implemented with all the design aspects which allows it to interfere with the various aspects. The last phase, working plan, provides a detailed design in a way that makes it much easier achieving the objectives of the project. The final product provides a representation capable of giving a graphic design simulating the reality as much as possible, through BIM model and processing of renders and VR videos.



SUSTAINABILITY PROTOCOLS

These protocols integrate the functionality of a building, cost containment and aesthetics, with environmental factors, the health and well-being of the building's users. A designed and constructed building according to these principles must guarantee efficiency and minimize the impact on the environment. To guarantee the maximum efficiency of the "building system" it is necessary to seek passive solutions, that minimize the energy demand. For this reason it is necessary to test all the aspects such as the shape and the type of the structure, taking into consideration factors such as radiation, winds and temperatures. Heat must be captured as much as possible in winter and prevented in summer, it is important to ensure a good level of natural ventilation and passive cooling, as well as a good level of natural lighting in a way that the dispersions are minimal, with right insulation characteristics of the transparent elements. The goal is to achieve a building with NZEB (Nearly Zero Energy Building), that is, with very low (or almost zero) and covered to a significant extent by renewable sources. The constant monitoring of consumption and the introduction of an automation system makes it possible to achieve very high levels of efficiency and awareness of the building's inhabitants as well as a very high, integrating architecture with all the installations. No.Do.'s technicians have gained considerable knowledge and experience in regards by specializing and certifying themselves to implement of the LEED, WELL, ITACA protocols.



REDEVELOPMENT, RENOVATIONS, ECOBONUS

The building redevelopment includes all operations, plant engineering, structural and building intervention, with the scope to improve energy efficiency and seismic safety.

According to Italian Laws in energy sector, it is possible to benefit from incentive mechanisms with claim assignment, aiming at the continuous improving of energy efficiency and structural safety of the buildings. Engineering Activities play an apical role in access to incentives and during the execution of the works complying with regulatory constraints. In this field, No.Do. has a great know-how, allowing it to guarantee an effective service to all the sector stakeholders, in terms of quality and respect of workplan. The main phases of the process are:

Feasibility study, that consists in a Systematic Analysis on the main features, the costs and target and possible results of the project, including the feasibility scenario in terms of economic, environment and financial sustainability.

Preliminary and work plan Design: this phase include many areas of interest, with specific regulatory scenario and complex technical aspects, such as electrical, mechanical and civil engineering. No.Do. Professionals have multiyear experiences in each specific sector, and they are able to face several design matter or practical critical issues during the execution of the works, with the target to evaluate the better solution working with construction companies and entities in charge of the control and issue of authorisations.

Evaluation of Building Energetic Performance (APE in Italy regulatory scenario): No.Do. is able to found and propose strategies and solutions to improve energy efficiency, based on a priority order defined by a sensitivity analysis on the main parameter and index. The targets of Energy Analysis are:

- Define the energy balance of the building "ante operam"
- Identify the main solutions for energy efficiency improving
- Evaluate the solutions in economic and technical terms
- Upgrading of comfort and safety conditions
- Reduce the O&M Costs
- Define the energy balance of the building "post operam", with the aim to asseverate the regulation compliance needed to get fiscal benefit.

Seismic Risk Analysis: this phase includes non-disruptive tests and survey, allowing the degradation e damage state of materials and structures to be determined. Once it is established the seismic class "ante operam", the design solutions aimed at overcoming at least two safety classes are evaluated and defined. This is essential to be eligible for fiscal incentives and benefits.

Assertion and inspections - naturally, upon completion of the works, No.Do. provides for the acceptance of works, building and systems, issuing the appropriate asseveration to guarantee the compliance of the intervention with regulatory requirements.

Energy efficiency, Superbonus 110%

Access to the incentives requires the realisation of at least one of the so-called "leading" interventions

- thermal insulation of opaque surfaces affecting the building envelope, with an incidence of more than 25 per cent of the gross dispersing surface of the building ;

- replacement of air conditioning systems;
- earthquake-proof interventions (sismabonus).

The Superbonus also applies to the so-called "towed" interventions carried out jointly with at least one of the "towed" interventions:

- the replacement of windows including frames
- the replacement and/or installation of solar screens
- the installation of electric vehicle charging infrastructure;
- the installation of solar thermal and/or photovoltaic systems with storage;
- the installation of building automation systems.

The favorable percentages apply in general, to all the interventions that are currently incentivized with the ecobonus "provided that they are carried out in conjunction with at least one of the interventions' listed above. To be eligible for the 110%, the interventions must ensure, in addition to compliance with the minimum technical requirements specified by law, the improvement of at least two energy classes of the building, according to Italian Regulatory Scenario.

Sismabonus

As for the sismabonus, the incentive is increased to 110% for expenses incurred from 1 July 2020 to 31 December 2023. Interventions consisting of the demolition and reconstruction of buildings used as private dwellings or for production activities are eligible for the higher deductions provided for seismic-safe interventions if they are in the form of a renovation construction and not a new construction and if they comply with all the conditions provided for by the facilitating regulation (Art. 16 of Decree Law No. 63/2013). To obtain the deduction it is necessary therefore, that the administrative title authorising the works states that the work consists in an intervention of conservation of the existing building heritage and not a new construction project (Resolution No. 34/E of 27 April 2018).

No.Do. as intermediary

Thanks to the skills acquired, No.Do. is able to follow any type of project, in the civil and industrial field, from the feasibility studies, to architectural design, to systems design, up to the control of the execution of the works. The company acts as General Contractor to offer a complete and customised solution to clients, assisting them from the preliminary stages of the project up to the delivery of the work. In particular, in order to get the fiscal benefits, No.Do. proposes itself as an intermediary capable of manage both the engineering part (diagnosis, seismic assessment design, works management, etc.) and the managerial-financial part, thus placing itself as a point of union between client, bank (or other financial entity) and construction company.



ANTISEISMIC ENGINEERING AND RESTORATION

The No.Do. e Servizi S.r.l., has acquired in its professionalism the skills and experience necessary to carry out all of them the technical, planning and executive operations, to obtain the results required by current legislation with particular care to seismic and structural engineering. In particular, the Structural and Anti-seismic Engineering sector target is the optimization of engineering and production processes, to provide optimal results from a technical and technical-economic point of view, in full respect of the existing building stock and the application of the requirements and indications of the client. The main activities and services are:

- **Design of structures in masonry, reinforced concrete, steel, wood structures.**
- **Quality check of materials and structures.**
- **Non-destructive diagnosis on existing structures.**
- **Verification of the seismic vulnerability of structures.**
- **Seismic project improvement/adaptation works for the recovery of the building assets.**
- **Quality control of the intervention, with certification of the final seismic risk class.**

MATERIALS AND STRUCTURES ENGINEERING

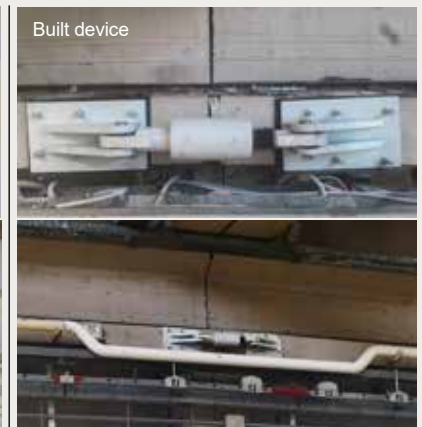
No.Do. pays specific attention in the study of the possible materials to be used according to the problem to be solved. From traditional material to the innovative one, everything is studied and engineered for the optimization of the design and construction phases, up to the result in terms of better quality/price ratio, in total compliance with regulations indications. For this purpose, also the set of high-tech equipment and innovative software technology allows us to analyze all the problems, modeling each one, more similar as possible to the result to be obtained, to reduce the uncertainties and consequent cost increases.



Case history

Design of a visco-elastic dissipator between two joint pillars

In order to limit the head hammering between two buildings of a warehouse for industrial use, No.Do. has designed the insertion of a fluid-viscous type dissipator, custom made by a specialized company based on the characteristics deriving from the project calculations. The shock absorber works both in traction and compression, it allows slow displacements (thermal variations) while opposing adequate resistance to forces transmitted at high speed (earthquake). The insertion of the dissipator was analyzed through a non-linear dynamic analysis through the Sap 2000 calculation code and modeled through an element link "Damper" which simulates the characteristics of the device used and in particular the behavior law which represents the stiffness and the damping characteristics of the used damper. In the following images the project model and the dissipator installed.



RECOVERY AND RENOVATION

The need for the recovery of the existing building assets is increasing, especially after the most recent seismic events. The assessment of the seismic vulnerability of existing buildings is the first step in defining the level of safety to be obtained and the necessary interventions to be adopted and realized. This is important in the case of buildings with an architectural and/or historical-artistic value, also and above all in the case of monumental assets, where it is necessary to proceed with invasive and destructive investigations only and exclusively when the impossibility of trace the estimation of the properties of materials and of the constituent elements through other methodologies and techniques, especially of the non-destructive type. Once the characteristic parameters of materials and structures have been estimated, the seismic vulnerability verification calculation of the building is carried out, and based on the results, the appropriate recovery interventions are studied, in terms of seismic improvement or adaptation with respect to the regulations currently in force.

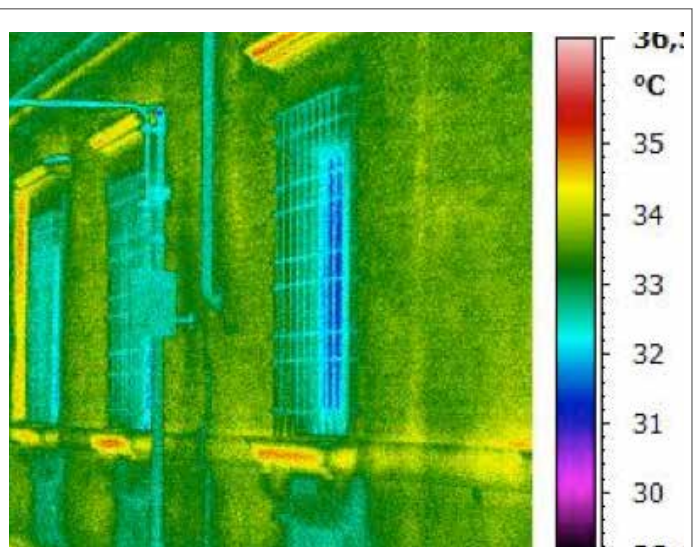
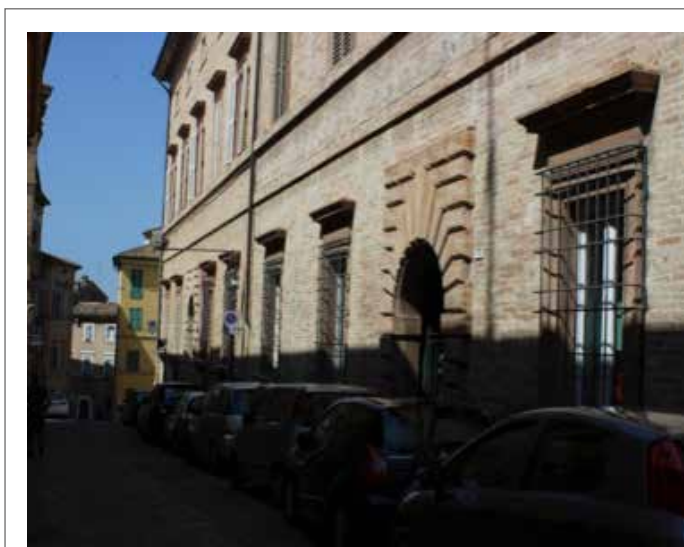
MATERIALS AND STRUCTURE TESTING

When it comes to new constructions, a very special attention needs to be paid to comply with current regulations in terms of materials and structures design and with the regulatory provision in terms of on-site testing acceptance, consisting of verifying the compliance of materials with design and regulatory requirements using the known methodologies of slump test and implementing the required characterization tests using samples. The appropriate combination of design requirements, at the LD. and subsequent acceptance checks, allows the construction of buildings to meet the requirements of the regulations without neglecting the design and construction flexibility of the work. Including seismic analysis of the building, civil and industrial, including those of high historical-architectural value, non-destructive investigations and tests, these are preferred to be applied in the initial phase, which allow to determine the level of degradation and damage in materials and structures and, subsequently, to prepare programs that allow tests to be carried out in order to meet the requirements.

The main nondestructive and destructive test types are listed below:

- **Paco metric:** The presence of longitudinal and transversal reinforcement in reinforced concrete elements is reinforced concrete.
- **Sclerometer test:** On reinforced concrete structures, the resistance of the concrete is analyzed as a function of the response to the impact of the rebound hammer.
- **Ultrasonic tests:** direct and indirect. The recording of materials' crossing speeds using ultrasonic wave train makes it possible to determine the density of the material and by using the rebound hammer tests, provides an estimate of the resistance characteristics of the concrete, the same thing applies to the masonry. where the speed variation from one point to another makes it possible to determine the presence of cracks and defects, as well as the sequence of stratifications.
- **Thickness test:** Especially used for thickness elements, it allows to verify the thickness variation in the elements, according to the degradation due to exposure to aggressive environments.
- **Video-endoscopic tests:** Such tests are generally used in masonry buildings of particular value, as they allow, through the creation of a full-thickness hole, to analyze the composition and texture of the structures' bearing loads.
- **Thermography:** Thermography measures surface temperatures by using infrared video and still cameras. These tools see light that is in the heat spectrum. Images on the video or film record the temperature variations of the building's skin, ranging from white for warm regions to black for cooler areas.
- **Extraction of cores** from reinforced concrete structures to check the carbonation and to be subjected to a compression test.

- **Extraction of reinforcement** samples to preform corrosion analysis and for resistance verification through tensile and bending tests.
- **Investigation with flat jacks** in the masonry structures. To determine stress levels (single jack) and to determine mechanical characteristics in confined conditions (double jacks)



ENERGY MANAGEMENT

Energy efficiency is a key element in a global economy increasingly characterized by resource scarcity. No.Do., with its operational offices throughout the national territory, designs and develops energy consumption reduction interventions for companies, private individual and public entities, aiming at improving energy efficiency, also using tax breaks and active contributions for those who carry out energy saving measures.

An innovative and tailor-made service, capable of using “clean energy” and, through the “Energy Efficiency Certificates” (White Certificates), speed up the recovery of the initial investment and allow for a significant economic return. The installation of a new system that exploits the combined generation of energy and heat technologies is often offset by the savings generated by the improvement of energy efficiency. The technological transformation is conducted by the ESCo. In some cases, a financial intervention by ESCO may also be envisaged for carrying out energy requalifications.

Our Mission is to guarantee the final customer a professional and efficient service, created in line with his needs and satisfying all his expectations. Our goal is to save on energy consumption, using the most modern and advanced technological solutions, without neglecting the environment.

Nodo. operates in the energy sector mainly through ESCo-Arké. An ESCo (Energy Service Company) is a company that provides its customers with services to achieve maximum energy efficiency.

The customers of ESCo are users with buildings characterized as high energy consumption often due to obsolete systems, without having an internal structure equipped with the technical culture necessary to evaluate, prepare and propose restructuring interventions or not having the necessary financial resources.

RENEWABLE ENERGY

PHOTOVOLTAIC SYSTEMS

A photovoltaic system allows the direct transformation of the solar energy into electricity in direct current thanks to the photovoltaic effect. This phenomenon happens in materials called “semiconductors”, the best known of which is silicon.

The advantages of photovoltaic technology are:

- absence of any type of polluting emission during plant operation
- saving of fossil fuels
- extreme reliability (usually, over 20 years lifetime)
- reduction of operating and maintenance costs
- modularity of the system (in order to increase the size it is required only to increase the number of modules).

GEOTHERMAL

Geothermal energy represents the use of the natural heat contained within the earth as an energy source. The application of geothermal energy was initially limited to areas close to tectonic plate boundaries; today it has progressively been characterized by new technological developments, which have made it possible to enormously expand the potential for use, in some cases independently of the geographical area, above all for heating systems in buildings. On hot days, thanks to the same system, it is possible to obtain the opposite effect, i.e. to cool the rooms even in the presence of high temperatures. The use of geothermal plants guarantees a series of advantages, from an economic, fiscal, safety, environmental and habitability point of view.

MINI AND MICRO HYDROPOWER

The different plant system typologies depend on the characteristics of the water resource and the ways in which it is “captured” and directed to the turbine.

- Micro hydroelectric (up to 100 kW)
- Mini hydroelectric (from 100 kW to 1 MW)

The construction of mini and micro power plant systems is different from that of large plants; in fact, major civil works are not necessary, no environmental impact of the plants and the authorization procedures are much more streamlined.

Modern hydraulic turbines make it possible to produce electricity using low flow rates and height differences of even just a few metres. The head and the flow rate are fundamental factors for sizing the plant, i.e. choosing the power of the turbine, which must also take into account the intended use of the electricity produced (self-consumption or sale to the network).

There are essentially two applications of micro hydroelectricity:

- systems connected to the network, which can take advantage of the incentives dedicated to renewable sources.
- systems, often with a power of a few kW, serving users without a connection to the electricity grid.



SOLAR THERMAL ENERGY

A solar thermal energy system is a system used to produce thermal energy by direct transformation of solar radiation into heat. It consists of one or more independent circuits. Solar systems are classified by EN standards into two categories:

- the first (Factory Made) concerns “product” type systems, i.e. collector-storage systems, natural circulation Monoblock systems, forced circulation kit systems
- the second, (Custom Built), concerns forced circulation systems assembled on site with components also supplied by various manufacturers.

“combi” type Systems are defined as those systems responsible for the production of domestic hot water and the heating of living or working environments at the same time.

BIOMASS

The use of biomasses (organic materials, vegetable or animal origin that have not undergone fossilization) represents an obligatory step in order not to pollute the environment and to benefit certain economic benefits. The use of biomass involves a significant reduction in emissions responsible for the greenhouse effect with direct economic benefits.

Since the times of use and recovery are compatible, biomass can be considered as a renewable energy source and, as such, a biomass system can take advantage of the incentives provided by green certificates (CV), by financing for the creation of the system, the possibility of saving on the bill in the case of self-consumption and of making money by selling the produced electricity.

WIND FARMS

Wind energy is the product of converting the kinetic energy of the wind into other forms of energy. Electricity companies are increasingly using the energy bill system which consists in buying the excess energy produced by small domestic wind turbines. In other words, wind energy is an attractive source of energy as an alternative to fossil fuels, as it is abundant, renewable, widely distributed, clean and produces virtually no greenhouse gases.

The installation time is very short; once the surveys have been done in the field to measure the wind speed and the electrical power that can be produced, it is a question of transporting the wind turbines and installing them in the ground.



DUE DILIGENCE IN THE FIELD OF RENEWABLE SOURCES

An Accurate and independent scrutiny of projects enables investors and planners themselves to take firm decisions about a project.

No.do. verifies projects in the field of renewable energies such as solar panels, wind, biogas, biomass, water energy and energy efficiency.

The objectives of a due diligence for a renewable energy plant can be estimated in the following aspects:

- On-site control of technical and environmental aspects with reference to access roads and internal routes, plant layout, project technology, environmental and landscape constraints, connection to the electricity grid.
- In the case of wind power plants, on-site control of the anemometers used for the measurement campaigns (position, type, height, sensor heights, arm orientation, compliance with technical regulations) and verification of the presence of any other anemometers in the area that

can be used to make correlations.

- Verification of the authorization aspects (legislations, applications presented to administrative entities, authorizations and qualifications obtained, connection to the electricity grid).
- Review of the available technical documentation.
- Review of existing contracts.
- Reprocessing of the data used as a basis for the project, i.e. anemological data (wind power plants), agro-industrial chains (biomass plants), site characteristics and irradiation (solar panels).
- Verification of the installed electrical power and of the energy production.
- Business plan review and recalculation of financial ratios.
- Verification of the completeness of the documentation in relation to the aforementioned aspects.
- Identifying project's weak points.

Moreover, No.Do. offers a continues assistance in all the phases of the project..

LED LIGHTS

The LED (Light-Emitting Diodes) is an electronic component which, when a minimum current passes, emits infrared and ultraviolet-free light, turning on immediately. LED lighting is more energy efficient, has a longer lifespan and is more sustainable. Furthermore, it allows innovative and creative solutions that integrate light into our homes, cars, shops and cities. LEDs are destined, over time, to replace traditional lighting and fluorescent lamps. A change that No.do strongly encourages and supports all subjects directed towards the development of a LED system in domestic, business or commercial environments (such as, for example, the innovative project of "LED Relamping for fuel systems"), achieving a series of advantages:

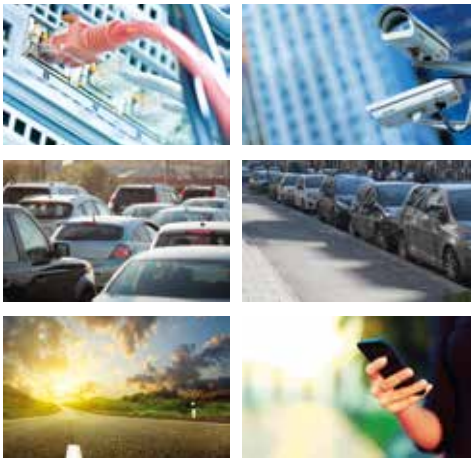
- **Energy saving**
- **Long lifespan**
- **High lighting efficiency**
- **Lower contamination**
- **Lack of dangerous materials**
- **No maintenance**
- **Compatibility between all elements**



CONSULTANCY AND SERVICES

No.Do., with its experienced staff, supports public entities, companies and individuals, in a series of technical and bureaucratic activities aimed at making energy production more efficient and saving energy is more economic:

- **Energy management**
- **Energy certification**
- **Thermal account (*Conto Termico*)**
- **Project financing**
- **Consumption monitoring**
- **Energy diagnosis**
- **White Certificates (*Certificati Bianchi*)**
- **SEAP (Sustainable Energy Action Plan)**
- **Tax deduction for energy requalification**
- **Energy management system**
- **Management of investment funds**



SMART CITY

The definition of Smart City is identified as a “qualifier of livability” of urban environments, to integrate technological development with several functions such as: mobility; management of energy, natural, water and cycle of waste resources; air quality; land use; service network; building; economy; increase of occupation; citizen safety. The city becomes Smart and No.Do. supports the Public Administrations in development and design of the most suitable technological and infrastructural solutions for one’s own territory, through the use of the Project Financing service.

Applications:

- **Public lighting “multifunction”**
- **Video surveillance**
- **Intelligent traffic control**
- **Parking management**
- **Weather forecast**
- **WiFi connections**

ENERGY CERTIFICATION

(for private)

The Energy Certification is an assessment procedure aimed at promoting the improvement of the energy performance of buildings, of energy consumption required to maintain a given indoor climate, considering the efficiency of the heating system, the production of domestic hot water, summer air conditioning and the use of renewable sources. Attest performance (APE), qualification (AQE), efficiency or performance of a building: from this makes it possible to deduce how and in which way improve the energy performance of a building. The Energy certificate is necessary for the new construction of buildings or to carry out the sale or the rent, also to publish advertisements for sale, in some regions is also required in the case of building renovations. In the Certificate the main energy performance indicators are reported, in particular:

- specific requirement of Primary Energy (EPH)
- specific energy requirement of the building envelope for winter air conditioning (EH)
- specific energy requirement of the building envelope for summer air conditioning (EC)
- specific primary energy requirement for domestic hot water (EPW)
- total specific energy requirement for thermal uses, heating and water
- hot (EPT)
- specific energy contribution from renewable sources (EFER).

CONTO TERMICO

(for Public Administrations, private individuals e companies)

The New “CONTO TERMICO”, introduced by the ministerial decree of February 16, 2016 is a stable incentive, without expiry, which can be used by the Public Administrations, for small interventions of energy production thermal from renewable sources and high energy systems efficiency, and for interventions to increase of energy efficiency. All interventions eligible for the incentives, concern only existing buildings equipped with air conditioning system:

- building insulation, replacement of fixtures, systems shielding and lighting
- replacement of existing air conditioning systems with systems that use boilers a condensation
- transformation of existing buildings into nZEB, almost zero energy
- installation of management and automatic control of the building systems.

ENERGY MANAGEMENT

(for Public Administrations)

In the economy of a Public Administration, Energy Management has now assumed decisive relevancy. A careful policy of control of resources and consumption guarantees substantial savings at the end of the year. No.Do. provides 360-degree Energy Management services, with expert consultants in the sector and in constant regulatory, theoretical and technological: all this to meet the Public Administrations that do not have internal personnel in charge. There specialist energy consultancy by No.Do. provides in-depth studies in order to optimize, and consequently reduce, consumption energetic. Arké provides immediate services and solutions to immediately reduce the amount of bills:

- check consumption, through ad hoc audits or through reports produced by remote management, remote control and automation systems
- provides an optimization of consumption through the correct regulation of the systems and their appropriate use from the point of energy view
- promotes energy-conscious behavior by employees of the structure
- proposes improvement investments, possibly capable of improving production processes or the performance of connected services.

With an in-depth Energy Management activity, the critical areas are identified where to intervene and act accordingly

PROJECT FINANCING

(for Public Administrations)

It is the most innovative solution technically and economically to invest in the energy field both for individual SMEs and for groups of companies and entire industrial areas as well as for public administrations.

With the 2008 reform, it is possible to involve a private individual in a public utility project, offering a solution to the infrastructural deficit through the use of resources available on the capital market

The procedure involves three phases: design, construction, management

CERTIFICATI BIANCHI

(For public administrations, individuals and companies)

Also known as “Energy Performance Certification” (APE), they are negotiable certificates which certify the achievement of energy savings in the end uses of energy through interventions to increase energy efficiency. They represent an incentive to reduce energy consumption in relation to the good distribution.

- Efficiency interventions
- electricity saving
- natural gas savings
- saving on other vehicle fuels
- savings on other non-vehicle fuels.

ENERGY DIAGNOSIS

(for Public Administrations and companies)

No.Do. is able to offer a complete consultancy service to define energy and maintenance expenditure, identifying the most suitable efficiency strategies for the specific areas of intervention, assigning them a priority and offering the customer a careful assessment of the results..

Objectives

- define the building's energy balance
- identify technological redevelopment interventions
- evaluate technical opportunities
- improve comfort and safety conditions
- reduce management costs.

ENERGY EFFICIENCY DEDUCTIONS

(for individuals)

The tax relief (deductions from Irpef or Ires) is granted in the case of interventions that increase the level of energy efficiency renovation interventions of existing buildings.

The tax deductions are, for now, divided between interventions for the redevelopment (65% of the costs incurred) and interventions for the restructuring (50% of the expenses incurred).

Works of classic building renovation, extraordinary maintenance and restoration and conservative rehabilitation can only be facilitated with the 50% Deduction.

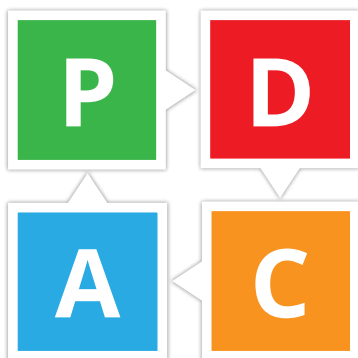
Ordinary maintenance can be facilitated with the 50% deduction because it is carried out on the common parts of the buildings. Also the removal of architectural barriers, the reclamation of asbestos cement structures, the installation of devices to improve the safety of the building and interventions for the prevention of accidents. Below are the interventions for the energy requalification of buildings (65%)

- the reduction of energy requirements for heating
- the thermal improvement of the building (insulation - floors - windows, including fixtures)
- the installation of solar panels
- the replacement of the winter air conditioning systems

SEAP (SUSTAINABLE ENERGY ACTION PLAN)

(for Public Administrations)

Established by the European Commission, the Covenant of Mayors is the first and most ambitious initiative, aimed at local and regional authorities of all sizes, to fight global warming. Small and large cities together with other urban areas play a major role in mitigating climate change, as they consume three quarters of the energy produced in the EU and are responsible for an equivalent share of CO2 emissions. Local authorities are also in an ideal position to change citizens' behavior and address climate and energy issues comprehensively, in particular by reconciling public and private interests and integrating sustainable energy issues into overall objectives of local development.



ENERGY MANAGEMENT SYSTEM

(for companies)

The implementation of this system optimizes, with a process of continuous improvement, energy use by transforming energy expenses into business inputs, not only by lowering consumptions but by enhancing. The certification of management systems is also a guarantee of reliability for customers, suppliers, employees and collaborators. The Deming cycle is fundamental for a continuous improvement. It is made up of 4 parts: PLAN: planning (problem identification, strategy planning, identifying goals); DO - the implementation (implementation of planned actions); CHECK: verification (carried out by measuring and monitoring the actions taken to assess any deviations from the set objectives); ACT: the adoption of new actions to further improve the achieved goals.

MANAGEMENT OF INVESTMENT FUNDS

(for companies)

It aims at the purchase energy production systems from renewable sources. It involves verifying the adequacy of a project to the procedural and technical-design requirements in order to establish the technical-financial sustainability of the initiative.

The objectives of a due diligence for a renewable source plant can be mentioned in the following aspects:

- on-site control of the technical and environmental aspects with particular reference to access roads and internal routes, plant layout, project technology, environmental constraints and landscaped, connection to the electricity grid
- in the case of wind power plants, on-site check of the anemometers used for the measurement campaigns (position, type, height, sensor heights, arms orientation, compliance with technical regulations) and verification of the presence of any other anemometers in the area that can be used to carry out correlations
- verification of authorizations (legislation, applications presented in public administrations, authorizations and qualifications obtained, connection to the electric grid)
- revision of the available technical documentation and of contracts
- reprocessing of the data used as a basis for the project, i.e. anemological data (wind farms), agro-industrial chains (biomass plants), site characteristics and irradiation (photovoltaic plants)
- verification of installable electrical power and energy production
- review of the business plan and recalculation of financial ratios
- verification of the completeness and exhaustiveness of the documentation
- identifying project's weak points.

CONSUMPTION MONITORING

(for Public Admin. and companies)

Reducing building's consumptions is fundamental. Remote monitoring provides a suitable tool for understanding the intensity, profile and criticality of consumption, fundamental elements for planning an efficient intervention strategy.

No.Do. aims to monitor energy consumption by suggesting efficiency programmes, verification and corrective methods aimed at improving energy consumption. The use of specific software allows you to save on costs by monitoring consumption and rational use of resources. Together with specific hardware components, the software allows analysis activities, to carry out an energy diagnosis that allows to maintain efficiency in relation to the consumption of electricity, thermal energy, gas, water, air, etc.

GEOLOGY • ENVIRONMENT GEOTECHNICS • INVESTIGATIONS

No.Do. e Servizi is a company specialized in the field of geophysical and geological services, assistance and supervision for environmental investigations, planning both in the field of Geology and Hydrogeology and in the Environmental Field (drafting of risk analysis characterization plans) The company's staff is made up of both Senior geologists and environmental engineers and field technicians specialized in the management of environmental and geotechnical construction sites; functions in the Italian region, with direct resources throughout the national territory, exploiting the most up-to-date skills and knowledge to offer consultancy and intervention services both in large and in small projects, Environmental Diligence Technical-administrative assistance in the of remediation procedures pursuant to Legislative Decree 152/06, design, and management of remediation and environmental safety systems, for the implementation of interventions to contain contamination and environmental remediation with onsite remediation techniques; Design and construction supervision for demolition and decommissioning interventions, providing assistance throughout the administrative and technical process with the contracting companies and the authorities; Environmental consultancy in the context of acquisitions and sales, for the definition of any environmental liabilities and the identification of the most appropriate environmental remediation techniques.

SURVEYS WITH DRONES

This survey system has the ability of performing photogrammetric survey using a preventive flight plan.

The drone, with an RGB or, optionally, an infrared camera on board, is optimized to allow a considerable production of the survey (about 60 hectares for a single flight lasting 30-40 min). The tracks and flight attitude, associated with aerial photography, are continuously recorded thanks to a GPS and an inertial platform. Beforehand, targets are positioned on the ground on the fly on which a high-precision plano-altimetric survey is carried out in order to obtain detailed images.

Drone survey outputs:

- Georeferenced orthophotograph of the survey area

(resolution 2-5 cm per pixel);

- (RGB) or NIR with high resolution;
- Level curves at various steps of equidistance;
- 3D modeling of the surveyed surface.

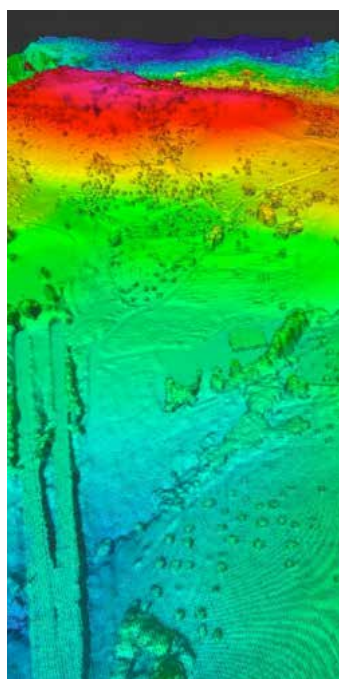
The possibility of integrating several point clouds in the same model will also make possible the joint use of the terrestrial laser scanner with the data acquired from the drone. This aspect makes it possible to optimize the surveys of sub-vertical surfaces (rock faces, steep slopes) to be carried out with a terrestrial laser scanner and surveys of mainly sub-horizontal surfaces, to be carried out using drones.



◀ **SenseFly vertical take-off drone**, eXom model capable of managing automated flight and execution of the aerial photogrammetric survey using a remote-controlled preventive flight plan. Particularly suitable for the survey of vertical and sub-vertical surfaces, such as rocky outcrops, building walls, pillars and pylons. The drone has a very high resolution visible radiation camera for the survey of discontinuity geometries within rock masses and the crack pattern of structures affected by instability. The drone also takes thermal infrared images, used for archaeological research, the survey of overheating areas in networks, soil analysis, etc...

Post-processing software for producing orthophotos, point clouds, DSM, DTM and isospect.

▼ **Gliding wing drone**, capable of automated flight management and the execution of aerophotogrammetric surveys by means of a preventive flight plan. The drone has a camera in visible or infrared radiation (NIR)



3D LASER SCANNER

• The 3D Laser Scanner represents the most recent evolution Laser distance measurer. The equipment in our possession (Riegl LMS-420i) uses the Time of Flight (TOF) technology which consists in calculating distances by measuring the time taken by the laser pulse from the moment it is emitted by the instrument, to its return after reflection on the surface to be detected. The Riegl LMS-420i model has an extremely wide distance measurement range, allowing it to detect surfaces from a minimum of 2 meters up to about 800-1000 meters. Connected to the scanner, fully integrated, it is placed a professional digital camera that allows you to associate individual scans with digital color images. These give the



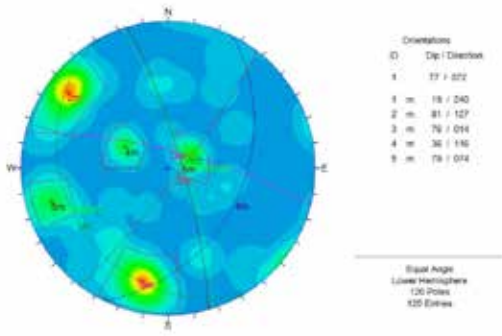
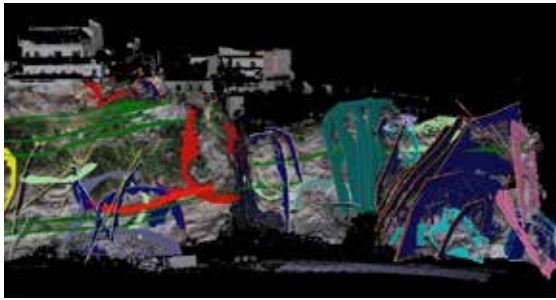
possibility, in real time, to attribute the real color (RGB) to each single point acquired by the scanner. Furthermore, in the post-processing phase it will be possible to build textured surfaces, which allow the high resolution of photographic images to be exploited by "smearing" the digital image on the cloud of points acquired by the laser.

Ground surveys of such high detail and rapid execution make our surveys using Laser Scanner an extremely reliable tool for various types of applications, including:

- survey and architectural modeling of buildings and sites of cultural and archaeological interest;
- survey and modeling of industrial sites;
- survey and analysis of quarry fronts for the calculation of extractable volumes.

Furthermore, the possibility of operating in post-processing with increasingly sophisticated algorithms allows:

- the calculation of the geomechanical characteristics of the rock faces (analysis of the geometries of the discontinuities);
- monitoring of landslide systems, with the possibility of integrating GPS and total station measurements;
- monitoring of the evolution of coastlines and river dynamics.



PENETROMETRIC TESTS

The penetrometric tests are a very widespread system for the indirect evaluation of the mechanical characteristics of the soils.

They are divided into static and dynamic penetration tests:

- static penetration tests (CPT) consist in measuring the resistance to penetration of a conical tip of standard dimensions and characteristics, fixed at a constant speed, by means of an electrical or mechanical measuring device;
- static penetration tests with measurement of interstitial pressures (CPTU) are performed by means of an electric penetrometer using a tip equipped with a piezocone which allows the measurement of the neutral pressures during the induced stress;
- SPT-type dynamic penetration tests are performed in a borehole and consist of inserting a sampler (in medium-fine soils) or a standard conical point (in coarse soils), measuring the number of strokes necessary for the advancement of 15 cm in 3 stages (45 cm overall);
- DPSH-type dynamic penetration tests consist in continuously driving a standard conical tip to the pre-set depth, measuring the number of blows necessary for penetration every 30 cm.

The results of the penetrometric tests are indirectly correlated to the soil shear strength parameters through relationships supported by experimental data and available in the scientific literature.

This method of investigation, of an indirect type, is commonly associated with direct prospecting (through boreholes and/or excavations), in order to have a complete and reliable lithostratigraphic and geotechnical picture.



GEOPHYSICAL TESTS

GEORADAR INVESTIGATION

The ground penetrating radar or GPR methodology is a type of indirect geophysical survey that is used in engineering, geological and archaeological fields. Ground penetrating radar bases its principle on the emission of electromagnetic waves and how these are reflected towards the surface.

The system consists of a transmitter (antenna), which generates electromagnetic waves emitted into the ground or any material to be investigated, and a receiver.

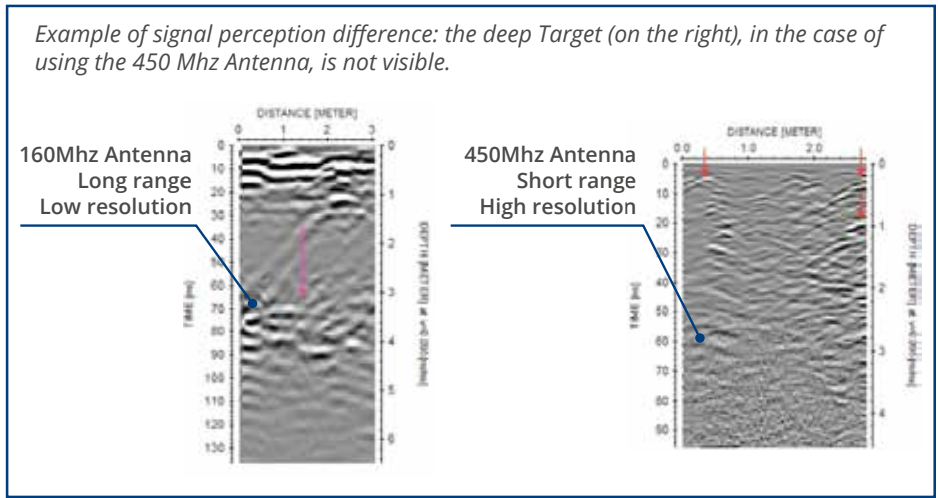
Georadar surveys are used to identify any anomalies present in the subsoil (cavities, underground utilities, metal objects, etc.). In fact, this method has wide applicability since it is expeditious, non-invasive and non-disruptive, our company has been operating for years in this sector and the main customers are: Golder Associates srl, Petroltecnica SpA, Arcadis srl Italy, MWH, parte di Stantec, it Italy, IP, ENI SpA, Autostrade per l'Italia SpA

The fields of application are as follows

Georadar survey aimed at finding underground utilities

The georadar survey is carried out through the Opera Duo radar signal acquisition and control unit (IDS - Italia, Serial Number 010-14-000054) with a variable frequency antenna between 250MHz and 700MHz. The frequency of electromagnetic waves is inversely proportional to depth, with

different degree of resolution: high-frequency antennas have a low penetration of the radar signal, but with a high degree of resolution. Conversely, lower signal frequency antennas show a high penetration of the radar signal, but with a lower degree of resolution.



ELECTROMAGNETIC GEOPHYSICAL TEST (TDEM)

The electromagnetic method is based on the time domain, it measures the decay time of the electromagnetic pulse induced by a transmitter (TDEM). The electromagnetic surveys in the frequency domain allow to quickly obtain maps of the values of the phase and amplitude variation of the secondary electromagnetic field with respect to the primary induced field. The amplitude of the currents induced in a conductive body in the subsoil depends on various factors, but mainly on the electrical properties of the subsoil and of the buried structures. The instrument supplies the values of the apparent electrical conductivity of the subsoil and of the magnetic susceptibility.

The frequency domain electromagnetic method is used in the following fields of application:

Environmental surveys of the subsoil (mapping of illegal landfills or underground waste/bins).

Archaeological research.

Geological characterization of the subsoil.

Pipe location.

Agronomic characteristics (soil typology)

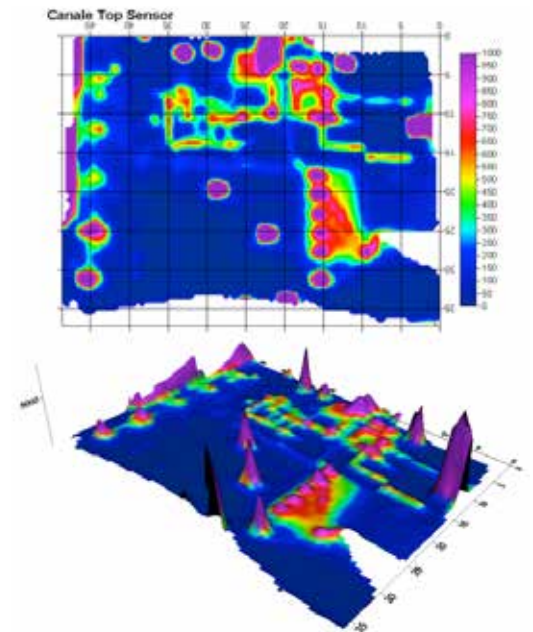
The TDEM investigation method (electromagnetic investigation in time domain) consists in reconstructing the distribution of the real resistivity of the subsoil at medium-high depths (up to 300 - 400 m).

The typical survey configuration for resistivity surveys consists of a transmitter connected to a coil of electric cable (square, rectangular or circular) placed on the ground and a receiving coil, of equal size, connected to a receiver with a cable. The size

of the coil is proportional to the investigation depth (the greater the area of the loop, the greater the investigation depth).

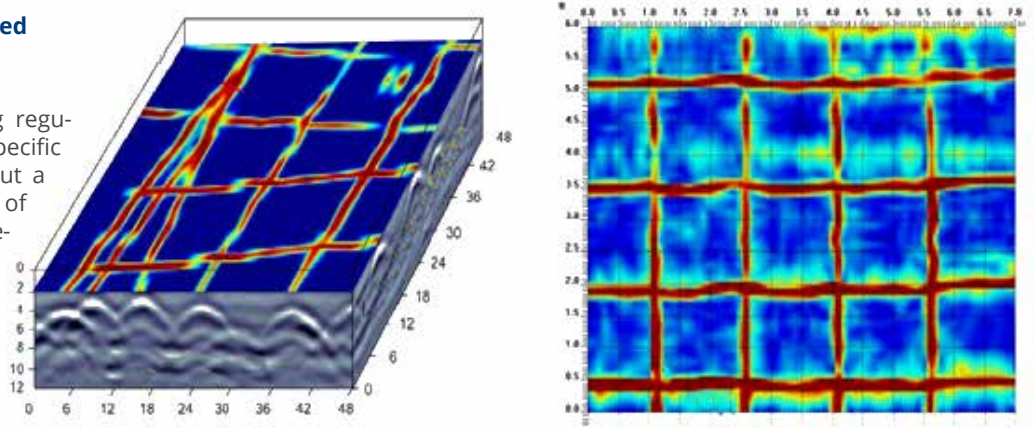
TDEM investigations are used to evaluate:

- Presence Of underground water (up to 300 - 400 m) .
- Depth of bedrock.
- Locating fractures and faults for geological modeling related to quarries/mining, deep infrastructure projects, landslide studies, etc.



3D georadar for the georeferenced mapping of subservices and technological networks

By acquiring georadar data along regularly spaced profiles and using specific software, it is possible to carry out a three-dimensional reconstruction of the investigated land and clearly detect the profile of the subservices present in the subsoil.



ELECTRICAL TOMOGRAPHS

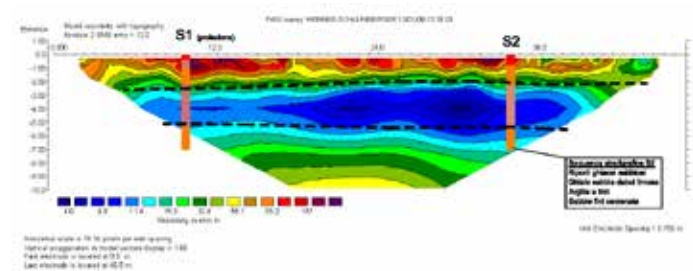
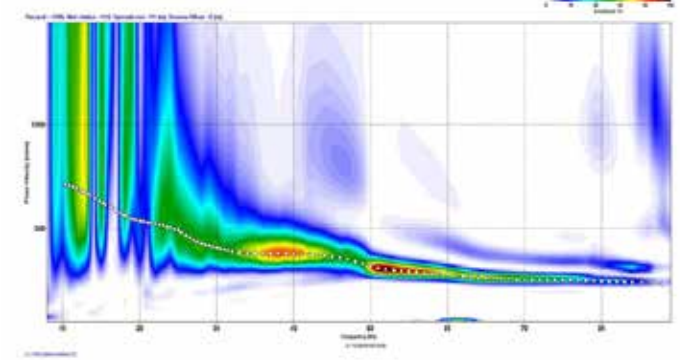
Electrical tomography is used to support other geophysical methods in the investigation of buried structures and in the search for groundwater, in the case of settlement planning of landslide slopes.

This technique allows to investigate the resistive structure of the soil, highlighting the contrasts of electrical resistivity that relate to the nature of the soils and their water content.



MASW GEOPHYSICAL INVESTIGATIONS

The MASW method (Multichannel Analysis of Surface Waves) is a non-invasive investigation technique (does not require to carry out drilling or excavations and this limits costs), which identifies the velocity profile of the vertical shear waves Vs, based on the measurement of the waves carried out in correspondence with various sensors (accelerometers or geophones) placed on the surface of the ground, the prospecting is carried out with 20 acquisition channels adopting a distance of 1 meter intergeophonic seismograph with a 24-channel Geometrics Geode modular seismograph, with 24-bit analog-digital conversion, with high dynamics



SITE TECHNICAL ASSISTANCE

During the execution phases of geological investigations, both in the environmental and geotechnical fields, our company can offer field assistance services in terms of safety and management on construction sites



'Sampling of soils and groundwater pursuant to Legislative Decree 152/06, assistance with the installation of on-site remediation systems

ENGINEERING AND SERVICES (OFFICES, BANKS, SHOPS, FOOD)

Among No.Do's costumers large-scale retail chains, banking groups and restaurant chains. The Company offers numerous engineering services and other professional services and activities throughout the national territory.

GENERAL CONTRACTING

The design and construction of a work includes various areas regulated by regulations and highly articulated technical aspects, such as fire prevention, electrical and/or thermal plant engineering and safety. For this reason the technical consultant is a leading figure in the engineering world.

No.Do. offers its customers technical support in various sectors, such as energy audits, feasibility studies, cadastral and surveying works and more.

No.Do's experience has trained a construction management staff able to adequately manage all the phases of a construction work, guaranteeing an optimal result. The knowledge and experience of No.Do. are a valuable contribution in the preliminary analysis of a project, in the checks foreseen by the Regulations, in the assistance on site, in the ability to respond to the requests and/or reservations of the company, in the compatibility between the design and the work, in the drafting of any project additions, in the assistance during the testing phase and in all the activities that contribute to the realization of the work in full compliance with the regulations and safety, with the aim of total customer satisfaction. Our Company manages the logistics for supplies on site in the right and useful times according to needs. When it comes to safety, No.Do. can provide all the professional figures required by the Consolidated Law on Security pursuant to Legislative Decree 81/2008. Our technicians, charged with carrying out these functions, have specific qualifications and continuous and constant professional updating, the result of dedicated training and direct experience in the field.



VERIFICATION AND RECONSTRUCTION OF TECHNOLOGICAL SYSTEMS

Verification of conformity of electrical systems and heat production systems is regulated by Ministerial Decree 37/2008, evolution of Law 46/90 "construction, maintenance, and design of systems in buildings". The declaration of conformity of systems is the document issued by an authorized company following the installation or modification of a system. If the "conformity" does not exist, it is possible to proceed with the DIRI (Declaration of Responsibility). The decree describes the owner's obligations and penalties for deeds and renovations.

If the systems were built before the Decree 37/2008 (March 27, 2008) they are considered compliant if, when they were built, they complied with the provisions existing at that time. If the certificate of conformity is no longer available, it can be replaced with the Declaration of Conformity (DIRI) drawn up by a qualified plant engineer with at least 5 years field experience.

No.Do. e Servizi has carried out this type of activity for various banking groups, the most recent experience concerns around 100 BNL BNP Paribas Group agencies.

Examples of what have No,do's technicians been part of:

- carry out inspections;
- draw up any Statement of Compliance;
- draw up any project in the case of expansion and transformation of the technological systems.



REBRANDING SERVICES

Rebranding is a strategy through which "a company" enters the market in an innovative way.

There are two types of rebranding:

- **Total** - when there is a radical change of the entire corporate image and the logo, name and marketing strategies adopted;
- **Partial** - adopt changes regarding a single product or a single service of the company.

No.Do. e Servizi has a big experience in the rebranding of various banking groups. Among these, BNP Paribas and Banca Nazionale del Lavoro. On the entire national real estate assets, technical and professional services were also provided relating to authorization practices (Request for advertising authorization accompanied by classification, reports, plans, elevations, sketches, etc.) in addition to construction management and safety.

Another important experience is the reformulation project of the external communication of the Banca Popolare di Bari banking institution with the standardization of the elements of recognition of the external layouts of the Agencies.



QUALITY ASSURANCE AND QUALITY CONTROL PROGRAMS

The QA/QC programs guarantee the quality of the projects and works carried out in an effective way. In particular, they ensure: compliance with the project and the regulations; the integrity of the assets; the absence of unfinished works and/or tests during the construction phase. No.Do. e Servizi offers its customers a wide range of activities to manage and inspect the different processes, such as: coordination and control of procedures and construction plans, inspection and testing; qualification / validation of processes ; quality audits; control of incompatible products and systems. In the banking sector, a post-rebranding QC program was launched throughout the country on behalf of BNL, the quality control for the installation of the new signs for the BNP Paribas logo. Compliance with all the architectural, structural and plant engineering conditions of the installations was verified through site inspections and the entire process was monitored by compiling specific checklists, reporting the presence of any discrepancies.



ENGINEERING SERVICES IN FOOD SECTOR

NoDo is able to offer a vast range of services which allows the client to obtain a complete work of all phases, from the preliminary design to the execution of the works, for the ex-novo construction and the renovation of restaurants, bars and food areas in general as well as for shops, offices and hotels. Through modeling and 3D renderings, NoDo offers the client the possibility of evaluating the project proposal in a realistic way. Furthermore, thanks to BIM management and the solid experience gained, the staff guarantees total congruence with the project forecasts and complete customer satisfaction, following all the activities that contribute to the realization of the work in full compliance with the regulations and safety. Our Company also manages the logistics for supplies on site in the right times according to the requirements. NoDo recently was involved in the design and construction of the food areas of important restaurant chains, present in the rest areas of the Italian autostradale (road) network.

“EVOLUTIONARY MAINTENANCE” PROGRAM

The evolutionary maintenance involves the continuous verification of the efficiency of the systems and the adoption of the measures suggested by the best practices for their optimization, for their constant regulatory and technological adaptation. For this reason, our qualified and high-profile senior professionals, able to promptly propose and implement the most suitable solutions for the evolution of existing systems. A framework agreement is in place with the Gruppo BNP Paribas for all the interventions necessary for the restructuring and/or modification of the agencies. No.Do. e Servizi provides services of:

- **due diligence**
- **design, on-site management and site safety;**
- **cadastral practices and building/administrative practices;**
- **fire prevention works**
- **calculations of needs and energy certifications surveys and/or graphic rendering of areas of intervention and buildings**
- **static tests**

CADASTRAL SERVICES

A series of services were carried out for the Banca Carime and Banca Popolare di Bergamo, today part of the UBI group, in the area of separation of properties with cadastral adjustment and activities for notarial deed.

The services essentially consisted of:

- **site inspection;**
- **cadastral changes;**
- **tables' preparation;**
- **representations and layouts**



FACILITY MANAGEMENT

Facility management is the integrated management of all support services to the primary activities of a company and presupposes the integration of a series of activities. NoDo has an organized management structure which, in addition to economic-financial skills, possesses specific engineering, architectural, organizational and relational knowledge. Therefore, NoDo guarantees its customers, through a performance model, the achievement of the agreed objectives and ensures the control of compliance with all the services, by monitoring the activities through a management information system, and by executing random inspections on the interventions carried out. This type of integrated management provides a series of advantages, such as:

- **transferring management commitment while maintaining activity control;**
- **constantly services in line with current regulations and company needs;**
- **optimization of the economic commitment with reduction of management costs due to the presence of a single interlocutor.**

FEES RENEGOTIATIONS

Fees have been renegotiated for the Institutions listed below.

- **Unicredit;**
- **Monte dei Paschi di Siena;**
- **Banca Popolare di Milano;**
- **UBI Banca.**

The activity was carried out through a preventive analysis based on site inspections, drafting of Due Diligence, analysis of the current real estate market and rent estimation using the MCA method (Market Comparison Approach)

ENGINEERING AND SERVICES IN THE OIL SECTOR

The staff of No.Do. e Servizi made up of professional experts, through the company's resources and equipment and also through its subsidiaries and/or investee companies, can offer a set of services supported by complete and qualified consultancy for all players in the oil sector, with a widespread presence throughout the country..

DESIGN OF ROADS SERVICE AREAS

No.Do. offers planning activities aimed at improving the level of services offered to road users and at adapting to safety standards. This means the optimization of the lay-out of the entire area and therefore of the parking spaces, the roadways, the specialized lanes, the refreshment services buildings, as well as all the systems serving the AdS.

No.Do. has a considerable experience in this area, and able to assist from a technical point of view in the tender phase aimed at assigning the motorway area, analyzing the tender parameters and carrying out the preliminary design and all the tender documents including technical reports, renderings, graphic documents.

After the tender, the company commence the permitting phase, interfaces with the institutions and follows the executive and construction phases. Centralized design and consultancy for motorway tenders: over the last few years No.do has carried out the design at various tender of various motorway AdS systems.

It is currently engaged with ANAS Spa through local concessionaires, in the Design and Works Supervision of the interventions to adapt to road traffic safety standards and traffic fluidity, for the areas of Cosenza Ovest, Lamezia Ovest and Rosarno Est on the A2 Mediterranean highway.



SAFETY

Nodo's has developed an extensive experience in the safety sector, in addition to the regulatory practices, also the sensitivity on HSSE matters related to the oil sector and international management companies such as AR TELIA, MWH, ABB, URS. Its professionals are qualified to perform the role of safety coordinators in the planning and execution phases based on the requirements of TU 81/08.

Furthermore, the long collaboration with the major international oil companies has made it possible to implement and apply the procedures required by the ALERTA programs.

NTI&KDRB

On behalf of various national oil companies, the company has taken care of the centralized design of about 150 new complete service stations, distributed along state/regional roads throughout the country.

DESIGN OF LPG AND CNG - LNG SYSTEMS

No.Do. is also specialized in services related to construction permits. For this reason, the widespread presence of its professionals on the national territory is essential.

Since No.Do's professionals are in all the various regions of Italy, they have the knowledge of the territorial bureaucracy and have gained specific experience in permitting in relation to new construction of fuel PV plants, modernizations - adaptations - enhancements - maintenance of existing fuel PV plants, in the various regions to which they belong. The activity carried out by NoDo is based on the initial pre-feasibility study for the upgrading of existing points of sale with methane, CNG, LNG and the creation of new sale points.

MANAGING

The work process is optimized through workflow management and information sharing (archive, permit expiry, document management, etc.)

The orders are monitored from a technical and administrative point of view through a management platform.

No.do is constantly looking for procedures capable of optimizing communication and resource sharing processes by making them available through Cloud Computing. The data, subject to a security procedure, can be accessed at any time via wireless terminals, smartphones, tablets.

GLOBAL REMEDIATION

The company has managed the decommissioning of numerous plants in collaboration with the major companies in the MWH and URS sector. Growing business sector in the light of the new regulations aimed at rationalizing the fuel distribution network.

REMOVAL OF TANKS AND MODERNIZATION OF FUEL SYSTEMS *(Tank Replacement)*

Fuel systems must be equipped with double walled tanks with continuous monitoring of the gap between the two walls, to prevent possible leaks. All interventions should be modernized, with the removal of the old tanks and lines and the consequent reconstruction in compliance with current regulations, using the most advanced mechanical and electronic technologies.

In such operations it is essential to provide a continuous monitoring for all the equipment in order to ascertain its efficiency in real time and to be able to manage its maintenance remotely.

Interventions to comply to current legislation of LPG depots for roadside refueling stations • Elimination of pump rooms • Replacement of storage tanks; • systems renovation; • Verification of safety distances; • Adjustments to Presidential Decree 340/03 and subsequent amendments An important case history

STABILITY CHECK OF LIGHT STEEL STRUCTURES, THICKNESS INSPECTION CONTROL

No.Do. also provides the stability verification service for light steel structures. Based on precise standardized procedures reiterated over years of experience in the field, each intervention includes some fundamental preliminary checks, to then move on to the actual activity, in full compliance with the technical specifications and safety standards of the construction site. The objective of the intervention is to maintain the characteristics of the materials with respect to the original status both for resistance characteristics and for thickness and geometry (measurement of the current state with respect to the testimonial state of origin).

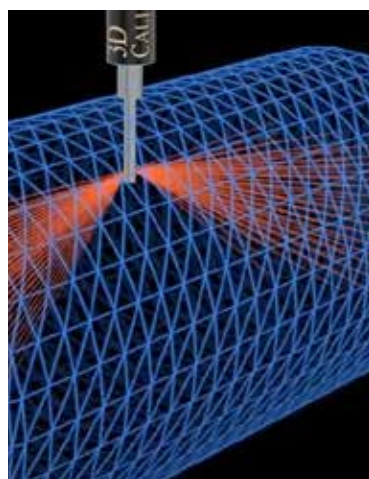
AUTHORIZATIONS AND DEADLINES POINT OF SALE NETWORK

Standard organizational and coordination model, which encompasses the scheme of operational processes in the management of the authorization program and deadlines of the PV network owned by the client, which management is automated by means of software.

ADHESION TEST

Adhesion test of tank linings allows you to check the degree of adhesion of the coatings, internal and external, applied to the metal underneath the wall of the same.

The adhesion of a paint or multi-layer system is determined by measuring the effort required to break the film perpendicular to the substrate.



3D CALIBEX

Un metodo innovativo ed estremamente preciso per investigare le reali volumetrie e condizioni di qualsiasi tipo di serbatoio utilizzando la tecnologia 3D Calibex. 3D Calibex è in grado di fornire tutti i dati utili in relazione alla taratura del serbatoio, in un modo estremamente preciso e affidabile e con una notevole riduzione di costi e tempi.

concerned the modernization project of the Esso Fuel Network in Southern Italy, in particular the systems whose old tanks were "single-walled".

This project involved the following operational phases

- **site surveys, geological soil analysis, safe excavation solutions, possible precharacterization;**
- **tank reclamation and continuous gas free verification;**
- **extraction of tanks;**
- **positioning of new tanks;**
- **safety coordination in the design and construction phases;**
- **refurbishment of the mechanical system;**
- **completions with possible restorations and/or consolidations;**
- **implementation of technologies and software for remote control and data processing;**
- **onsite training.**



"ATEX" PROJECT

Investigations and assessments on Atex technical-regulatory correspondence of fuel service stations

The main objective of the "Atex" project is to verify the compliance of work environments and equipment with the regulatory provisions governing explosion risks.

The analysis of the workplaces (fuel service stations) and of the equipment make it possible to conduct an in-depth study of the realities located throughout the country.

The final analysis will lead to the issuance of the technical file available for checks by the supervisory bodies.



LPG INCLUSION AND REGULATORY ADJUSTMENTS

Interventions for adaptation to current legislation of LPG depots for roadside refueling stations

- **Elimination of pump rooms**
- **Replacement of storage tanks;**
- **Plant renovations;**
- **Verification of safety distances;**
- **Adjustments to Presidential Decree 340/03 and subsequent amendments**

CONTROL AND INSPECTION PLANS

The "Maintenance of works plan" is an essential document for all public or private works. The purpose of this document is to predict, plan and schedule maintenance activities in order to maintain the functionality, quality characteristics, efficiency and economic value of the project over time. With the Control Plans and Inspection Reports it is possible to analyze the state of the project and plan efficient maintenance.

The "Maintenance Plan" is part of the project and of differentiated content in relation to the importance and specificity of the work carried out. Its purpose is to predict, plan and schedule maintenance activities in order to maintain the functionality, quality characteristics, efficiency and economic value of the work over time.

The Control Plans allows the execution of inspections and controls of civil structures and works and conventional thermoelectric plants, carried out before the 2008 NTC whose project did not envisage the drafting of the Maintenance Plan by the Designer.

The first phase envisages first-level checks, only visual, with the aim of:

- Identifying instability and evident critical issues that may compromise the safety, functionality, quality characteristics, efficiency and economic value of the works;
- provide the first indications regarding the ordinary maintenance activities necessary following normal situations of wear and/or minor accidental damage in order to restore the aforementioned characteristics or at least, when it is not possible, to slow down the deterioration process;
- establish the need for more in-depth investigations in the event of major instability or to better define the interventions necessary for their recovery.

The planning of restoration or maintenance interventions ordinary and extraordinary, including any structural checks the need for which should arise during the checks, are to be planned based on the results of the inspections and checks carried out. The results of the inspections must be reported in the "Inspection Re-



port" (RIS) to be drawn up during the inspection and to be completed with the main data of the structure/work (structural type, year of construction, designer ref., ...), the controls performed and their results. Any critical issues must be clearly highlighted together with indications of the consequent actions to be implemented to resolve the critical issue which can be reported in an attachment to the same RIS.

The "Plan of Controls" therefore has the purpose of foreseeing, planning and scheduling the first level (visual) controls on the state of conservation of the technological and structural parts of a work.

The objective is to identify any critical issues that may compromise the safety, functionality, quality characteristics, efficiency and economic value of the work itself over time.

Following the results, reported in the Inspection Report, it will be possible to identify the frequency of future controls and/or interventions.

VERIFICATION OF THE PROJECT BASED ON TENDER

As part of the projects design and interventions, the law imposes a gradual nature of the design activities, which are divided into different phases and which require checks and verification operations both during the completion of the various phases and, above all, at the end. Each phase must end with the verification of the compliance of the project with the forecasts of the previous phase.

Preventive verification of the design

The contracting entity verifies the compliance of the drawings and their compliance with current legislation. The verification takes place before the start of the assignment procedures. In order to ascertain the design unity, the designated subjects, before approval and in discussions with the designer, verify the compliance of the executive or final design respectively with the final design or the feasibility study design. The designer who authored the project based on the tender also participates in the discussions, expressing his point of view on the matter.

CASE HISTORY

La No.Do. e Servizi S.r.l. dispone di un The No.Do. e Servizi has an internal Quality management system, suitable for the Verification and Validation of the Project based on tenders up to 20,000,000 euros. In particular, No.do. operates in the field of certifications:

- **ISO 9001:2015** (Quality management systems)
- **ISO 50001:2018** (Energy management systems)
- **SA 8000:2014** (Social responsibility)
- **ISO 37001:2016** (SManagement systems for the prevention of corruption)

Among the recent experiences, the No.Do. e Servizi has carried out Verification and Validation Activities for public and private companies, pioneers in their sector of expertise.

Among the main ones: Anas, Enel and Leonardo Global Solutions.



Anas – Gruppo FS Italiane

Verification and validation of the work plan of the extraordinary maintenance works on the S.S. 107 "Silana-Crotonese" for the efficiency of the lighting system of the "Crocetta" tunnel

Work amount
IA.04 € 1.262.458,34



Leonardo Global Solution

Verification and validation of the work plan of the new company canteen (2500 m²) in the La Spezia plant.

Work amount € 4.560.000,00:
E03 € 1.850.015,19
S03 € 1.041.541,67
IA03 € 741.090,96
IA01 € 954.908,28

REFERENCES

No.Do. e Servizi actively collaborates with some of the most important players on the international market, in different areas. In carrying out and managing projects, the Company has always given the priority to the needs of the customer and to punctuality of delivering projects, as well as to safety in the workplace.





More efficiency, more savings,
more energy to your future.



Azienda Certificata ISO 9001:2015
ESCo certificata UNI CEI 11352

Energy efficiency is a key element in a global economy increasingly characterized by resource scarcity. Arké, was born from the idea of a group of entrepreneurs with ten years of experience in the field of engineering and services, designs and develops measures to reduce energy consumption to reduce climate changing emissions into the atmosphere, contributing to the achievement of the objectives of the Kyoto Protocol.

Our Mission is to guarantee the final customer a professional and efficient service, created in line with his needs.

Our goal is to save on energy consumption, using the most modern and advanced technological solutions, while respecting the environment.

Arké, addressing companies, private individuals and public bodies, with operating offices throughout the national territory, proposes to improve energy efficiency, also using tax breaks and active contributions for those who carry out energy saving measures.

Arké has divided its business into four macro-areas, to guarantee customers tailor-made projects, based on real needs, through the use of specialized and competent operating units, capable of reducing implementation times to a minimum and maximizing results for the customer.

SECTORS OF INTERVENTION AND SERVICES

- **Renewables**
Photovoltaic plants • Geothermal • Mini and micro hydro-electric • Solar thermal • Biomass • Wind farms
- **consultancy and services**
Energy management • Energy certification • Thermal account • Project financing • Consumption monitoring • Energy audit • White Certificates • SEAP • Tax deductions for Energy Efficiency interventions • Energy management system • Investment fund management
- **LED lighting**
Energy saving • Longer lifespan • High lighting efficiency • Low pollution • Absence of dangerous substances • Absence of maintenance • Compatibility with all sockets
- **smart cities**
"Multifunctional" public lighting • Video surveillance • Intelligent traffic control • Parking management • Weather forecast • Wi-Fi connections

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EcoNODO energía s.l.
Empresa de Ingeniería

Spanish Law Society

SECTORS OF INTERVENTION AND SERVICES

Production of technical services, digital and satellite topographical studies, in situ analysis of buildings and/or materials, geological and geophysical tests, geotechnical monitoring, environmental analysis; studies of the subsoil with georadar system; studies and management of environmental rehabilitation; Monitoring, verification and certification services of compliance with the regulations of electrical and/or mechanical systems, energy monitoring and diagnosis; energy certifications; quality control and cost control services; works management and project management services; services for obtaining authorizations and checking their expiration and renewal; review or due diligence verification services, standardization and archiving, also on the web, of real estate data; real estate appraisal services, renegotiation of lease contracts.

Integrated engineering services, feasibility studies, research, development, consultancy, design and construction management in the field of civil and industrial engineering, testing and technical-administrative coordination, safety during the design and execution phases of the projects; geological and geotechnical engineering services; assessments of technical-economic adequacy; Environmental impact studies; supply of means of assistance for activities related to safety on site and in the workplace; controls and technical tests; verification activities of the works project for validation purposes, carried out according to current legislation; Bid-based project validation.

MAIN ACTIVITIES

- **renewables**
Photovoltaic systems • Geothermal • Mini and micro hydroelectric • Solar thermal • Biomass • Wind farms
- **consultancy and services**
Energy management • Energy Certification • Thermal account • Project financing • Consumption monitoring • Energy diagnosis • White Certificates • PAES • Tax deductions for Efficiency interventions Energy • Energy management system • Investment fund management
- **led lighting**
Energy saving • Longer life • High luminous efficiency • Less pollution • Absence of dangerous substances • No maintenance • Compatibility with all bindings
- **smart cities**
“Multifunctional” public lighting • Video surveillance • Intelligent traffic control • Parking management • Weather • Wi-Fi connections
- **electric mobility**
Design, obtaining permits, construction supervision and management of safety requirements in the installation of electric vehicle recharging infrastructures

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