



Albert
engineering & project

Company Profile
Beyond the limits

$$E=mc^2$$

$$R_{\mu\nu} - \frac{1}{2}R g_{\mu\nu} + \Lambda g_{\mu\nu} = \frac{8\pi G}{c^4} T_{\mu\nu}$$

Albert Einstein

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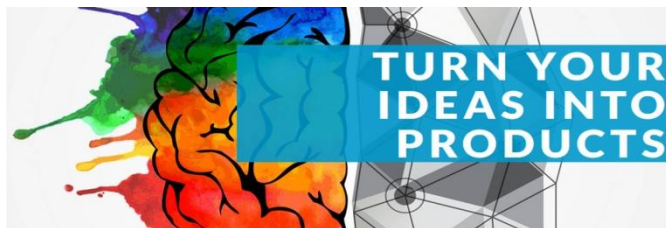
WHO WE ARE

Albert Engineering & Project is an engineering company that is mainly involved in '**Project & Construction management**' and '**Research and experimental development**' specialised in supporting in all enterprises from large to small, with strategic goals, strictly aimed to **competitive and developing objectives**.

Albert Engineering & Project can rely on a multidisciplinary team and connect all forms of **knowledge** to **technology**, operating as a bond between researchers, professionals, academic communities and enterprises.

Albert Engineering & Project, thanks to its broad spectrum coverage, is able to offer:

- ✓ *Innovative and accurate consultancy focused on finding solutions for a wealthier and sustainable growth.*
- ✓ *Use of various financial resources, according to the specific area of competence, expressly by means of favourable credit terms and tax credit;*
- ✓ *Specialised consultancy on R&D in all sectors employing highly-qualified researchers, university professors, departments, research centres, national and international universities, and last but not least experienced and expert professionals.*
- ✓ *Activities directed to promote, guarantee and expand **business knowledge**, therefore the Italian companies market, within a tailored study targeted to identify new spheres of interest, modern technologies and **innovative** processes/products.*



VISION

Albert Engineering & Project, was born in 2017 as a Research and Development company, able to provide adequate and necessary services to enterprises enabling them to develop their business with a close collaboration of universities. Moreover it is strengthened by the Joint Venture agreement between CISFA (Consorzio Interuniversitario di Messina e Reggio Calabria) and the other company of TFORMA group.

The expert team results extremely important for the development of research projects, due to **multidisciplinary** competences and **multisectorial** experiences, directed at all aspects of the project's life-cycle.

The experience of the team formed was initially born to supply Oil & Gas and renewable enterprises, with project & construction management activities. Successively, energy consultancy has been expanding throughout the years by energy efficiency activities. Additionally **Albert Engineering & Project** has been specialising in R&D projects, identifying regional/national non- repayable funds and financing.

Albert Engineering & Project operate in the following areas:

- *Innovation and R&D;*
- *Project & Construction Management;*
- *Engineering and Prototyping;*
- *Energy Efficiency.*



MISSION

Nowadays, the current market conditions and the inherent difficulties of the access to credit, force companies to pay close attention to every type of investment (product/ process/ organization). “Attempting” is inadmissible. In order to make the ‘correct decision’ regarding **business innovation** and **development**, the entrepreneur has to consider risk/benefit assessment , which requires multiple competences of all sorts.

An innovative project requires a specific contextualization, paying attention to primary and secondary effects involved.

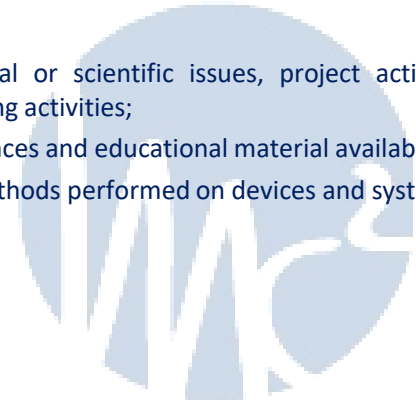
Albert Engineering & Project’s mission is to be a support and a pillar for enterprises in **business innovation** and **development**. We provide our network of professionals who use specialised skills which the project requires, considering that each client deserves a unique solution structured to specific needs and to precise goals.

Moreover **our knowledge and experience** raise quality and meticulousness of each study-phase. Innovation business project has to be ‘safe’, with a solid risk-analysis, development of appropriate action and quality control according to project specifications. ‘Efficiency’ and ‘High standards of Innovation’ are our main purpose, based on real necessities and feasibility, by virtue of European or national/international grants, either non-repayable funds or tax credit.



GENERAL SPECIALISED SERVICES

- ✓ Expert consultancy with an individual solution for each client, according to specific needs between different funding types;
- ✓ Business Planning and Management of easy credit terms or tax credit for R&D Projects, overseeing the entire life-cycle of the project, including the invitation to tender up to the articulated project development and scheduling.
- ✓ Planning, organization, and economic-financial management of financed R&D projects;
- ✓ Project & Construction Management activities;
- ✓ Multidisciplinary Engineering activities;
- ✓ Training activities for professionals, companies and public institutions, training institutions, educational institutions, trade associations and non-profit foundations/organizations.
- ✓ Research & Development projects for European or International tenders;
- ✓ Research & Development projects for National or Regional tenders;
- ✓ Research & Development projects via tax credit;
- ✓ Intersectoral and interministerial Research & Development projects;
- ✓ R&D projects for small, medium and large companies;
- ✓ Applied or basic research services depending on contracts or conventions;
- ✓ Consultancy services concerning monographic studies, solutions for technical or scientific issues, project activities, feasibility studies, technical and scientific assistance, coordination and supervising activities;
- ✓ Training services concerning planning and organizing courses, seminars, conferences and educational material available;
- ✓ Analysis, tests and settings, including those requiring official certification and methods performed on devices and systems;
- ✓ Analysis of energy efficiency for private or public institutions;
- ✓ *Technological due diligence* and market research;



SERVICES OFFERED

- Research & Development



Albert Engineering & Project is an established presence in the R&D area, able to develop innovative solutions and to guarantee the management of new ideas or opportunities.

The expert team conducts extensive studies, aimed to examine potentials and to value business activities by means of a strategic focus and an experienced and innovative way of thinking.

Moreover clients benefit from an expertise and cross-disciplinary team centred on **industrial research**, necessary to the validation of general technologies. New or improved products/processes are created by the support of industrial/scientific/technological/commercial techniques.

The experimental development has an extreme importance in technological advancement; the main purpose is to transform 'Research' into a concrete production of new materials, products or services or alternatively improve the existing ones significantly.



We boast many professionals in different disciplines, so that clients are assured they have experts and high-quality services tailored to meet their requirements.

The R&D team view the project in its entirety, therefore in a global point of view. This permits innovation and efficient problem-solving. Besides this, thanks to the profound knowledge, **Albert Engineering & Project** can support prototype projects, pilot products, test and authentication of products/processes in a tangible environmental reproduction.

SERVICES OFFERED

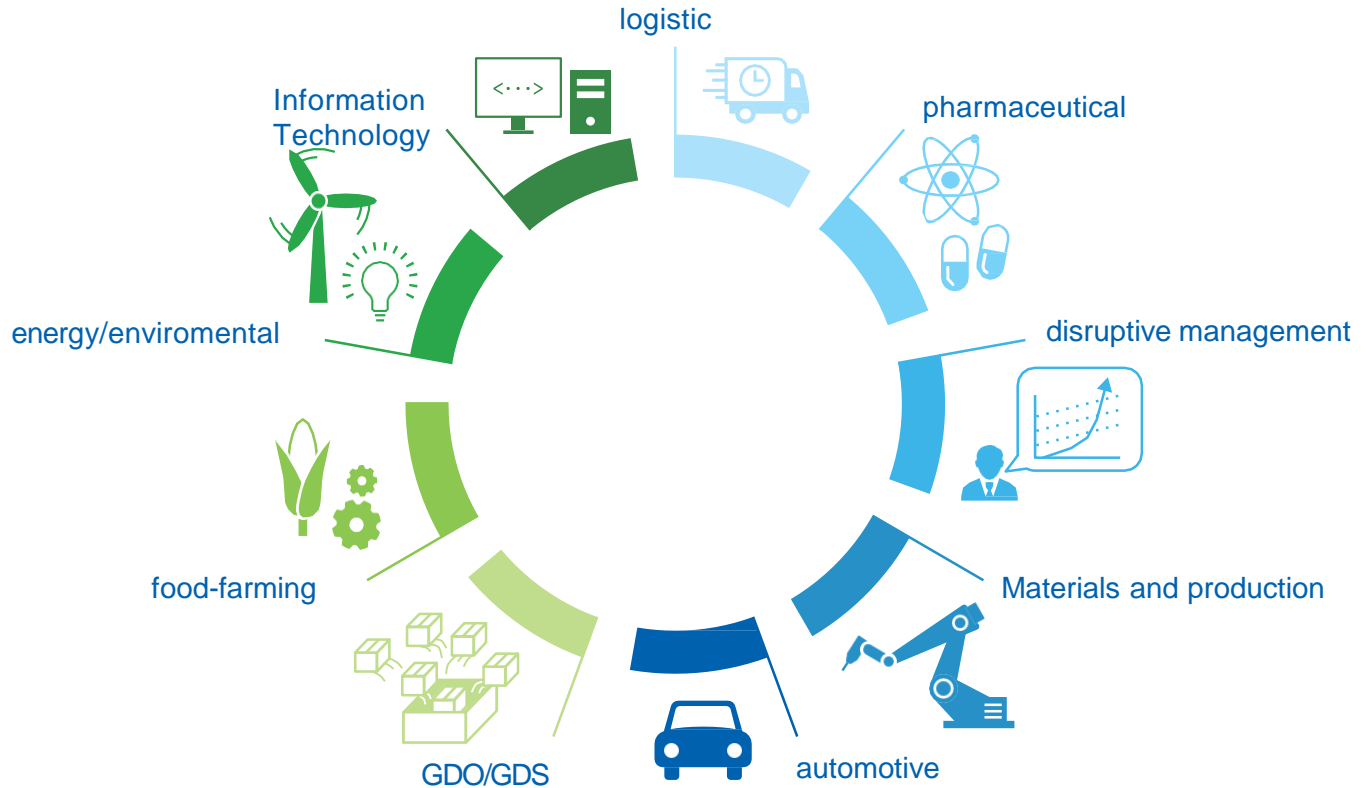


- Research & Development

Albert Engineering & Project facilitates private or public entrepreneurs, college/university students and innovative companies to have access to the **Research and Innovation World, by means of targeted services:**

- Planning and Management of favourable credit terms and tax credit projects, for R&D activities, available in all Research project steps, from the invitation to tender to the articulated project development and scheduling;
- Planning, organization, and economic-financial management of financed R&D projects;
- Applied or basic research services in observance of contracts or conventions;
- Consultancy services concerning monographic studies, solutions for technical or scientific issues, project activities, feasibility studies, technical and scientific assistance, coordination and supervising activities;
- Reports and asseverations for prototypes, pilot plants, industrial plants and its innovative components;
- Organization and Sponsorship of cultural events and diffusion of the Research results ;
- Studios and laboratory instruments are available for students attending courses;
- Innovation promotion, support in the Research path and diffusion of its results;
- Additional services for R&D cost certification;
- Technical and scientific reports, sharing of Research results, support of publications in order to diffuse the results;
- *Technological due diligence* and market research.

- Research & Development areas of interest



SERVICES OFFERED

- Project & Construction Management



Project & Construction Management is the process of planning, coordinating, monitoring and controlling of a construction project, from its conception to its realization, respecting erection construction, optimizing costs, and designed to ensure high-quality procedures, according to the Client's demands. This functional method is applicable in every construction sector: private, public, civil, infrastructural and so on.

Albert Engineering & Project team has been working in this area for more than 15 years, enhancing **quality** and **accuracy**, adopting constant supervision and finding solutions to ensure a successful outcome.

Throughout the project handover we ensure dedicated technical and administrative skills, defining accurate management, planning and construction phases. This standard is optimized via the multidisciplinary interaction of the entire group, aided by external consultants and a constant comparison between professionals from various disciplines.

Specialised services offered:

- *Project management;*
- *Construction management;*
- *Technical management;*
- *Commissioning management ;*



SERVICES OFFERED



• Multidisciplinary Engineering

Albert Engineering & Project has gained experience for knowing exactly when and how to face the technical challenges, that our clients propose. Developing concepts, engineering objectives, scheduling projects, managing risks and cost-defining.

Throughout the study phases, we use our past experience and the targets provided, to define key-decision and project risks, assuring that **engineering and development** corresponds with our clients demands.

Quite often other teams risk failure, because they do not focus on the original aim of the design, whereas our *modus operandi* guarantee **efficiency** and **security** to our projects.

We are able to supply a very high-standard of consultancy in various sectors, from Oil & Gas to renewable energy. Our extensive experience in this field enables us to apply a multidisciplinary approach, through the entire life-cycle of Development and Production, including assessment studies, construction phases up until the last decommissioning step.

Main planning services:

- Feasibility study
- Basic Engineering
- Front End Engineering
- Detailed Engineering
- EPC Engineering

Multidisciplinary engineering aspects are listed below :

- ✓ Process Engineering
- ✓ Piping and Mechanical Engineering
- ✓ Instrumentation and Electrical Engineering
- ✓ Civil and Erection Engineering
- ✓ Machine Engineering
- ✓ 3D Modelling
- ✓ Procurement Assistance and Follow-up to suppliers
- ✓ Supervision for construction, start-up, commissioning and maintenance.



SERVICES OFFERED

- Energy efficiency



Albert Engineering & Project, support and accompany clients throughout the entire production chain of energy efficiency both civil & industrial.

Albert Engineering & Project is the demonstration of how a modern team is attentive to the market and environment requirements. Energy efficiency, production of energy from renewable sources and high-performance technology contribute and aid private and public companies to **consume and pollute less**, in conformity with international regulations on the climate and the growing concern for the environment.

Together with the collaboration of the most important ESCO within Italy's view, **Albert Engineering & Project**, aim to become the energy partner of their clients, both public and private.

Our team offers support in specialised spheres and a **turnkey service** that include:

- *energy audit*
- *fiscal incentives* requests
- *planning* of the actual projects.

Through the PPP formula in the respect of public enforcement, **Albert Engineering & Project** finance activities for the upgrading of energy efficiency. In addition we take responsibility for the initial investment, parallel to an annual proportional fee, according to the energy saved. At the end of the contract, the clients' earnings will be translated into terms of reduction of energy costs.

Specialised services offered:

- *Energy Analysis;*
- *Energy audit;*
- *Feasibility studies and activities planning;*
- *EPC contracts, technical coordination, management and financing;*
- *Ordinary and extraordinary maintenance.*




ON-GOING PROJECTS

- Research & Development

		PROGETTI IN CORSO			
N.	Soggetto Beneficiario	Fornitura	Settore S3	SOTTO-AMBITO	Progetto
1	INNOVAZIONE E SVILUPPO	C.4 - SVILUPPO DI RETI DISTRIBUTIVE SPECIALIZZATE E SISTEMI E-COMMERCE / E-BUSINESS	SMART CITIES AND COMMUNITIES	SMART ECONOMY	SOFTWARE X RETE VENDITA E CRM EVOLUTO
2	GF RAPPRESENTANZE	C.4 - SVILUPPO DI RETI DISTRIBUTIVE SPECIALIZZATE E SISTEMI E-COMMERCE / E-BUSINESS	SMART CITIES AND COMMUNITIES	SMART ECONOMY	SOFTWARE X RETE VENDITA E CRM EVOLUTO
3	EFFEGGI SRL	C.4 - SVILUPPO DI RETI DISTRIBUTIVE SPECIALIZZATE E SISTEMI E-COMMERCE / E-BUSINESS			
4	COSTRUZIONI EDIL PONTI	B2 - INTRODUZIONE DI NUOVI PRODOTTI	ENERGIA	NUOVE TECNOLOGIE INNOVATIVE NELL'AMBITO DELL'ECO INNOVAZIONE (MATERIALI, PROCESSI E DISPOSITIVI AVANZATI NELL'AMBITO ENERGETICOAMBIENTALE E DELLA BIOEDILIZIA)	GEOPOLIMERI
5	GB OIL	B2 - INTRODUZIONE DI NUOVI PRODOTTI	SMART CITIES	SMART MOBILITY	CAR SHARING
6	COGE IMPIANTI	A3 - PROGETTO DI RICERCA	ENERGIA	ENERGIA DISTRIBUITA E TECNOLOGIE ABILITANTI FINALIZZATI ALLA RIDUZIONE DEL CONSUMO ENERGETICO E DEL COSTO DELL'ENERGIA	STIRLING_MICRO GENERAZIONE
7	GMA GROUP	A3 - PROGETTO DI RICERCA	ENERGIA	GESTIONE DELL'ENERGIA E DEI SERVIZI A RETE E PIANIFICAZIONE TERRITORIALE SOSTENIBILE	DSSC PER AUTOMOTIVE
8	DRIVERLESS	A3 - PROGETTO DI RICERCA	SMART CITIES AND COMMUNITIES	SMART MOBILITY	DRIVERLESS
9	CONSORZIO EMPIC & PARTNERS	A2 - DUE DILIGENCE TECNOLOGICA	ENERGIA		DUE DILIGENCE TECNOLOGICA SISTEMI THERMAL STORAGE

ONGOING PROJECTS

- Energy efficiency

		PROGETTI IN CORSO	
N.	ENTE	OGGETTO PROPOSTA	PROMOTORE
1	Comune di GELA (CL)	PROPOSTA DI CONCESSIONE PER L'EFFICIENTAMENTO E LA GESTIONE DEL SISTEMA DI PUBBLICA ILLUMINAZIONE NONCHÉ PER LA GESTIONE INTEGRATA DEI SERVIZI DI APPROVVIGIONAMENTO E GESTIONE DELL'ENERGIA TERMICA ED ELETTRICA OLTRE ALLA REALIZZAZIONE DI INTERVENTI DI RIQUALIFICAZIONE ENERGETICA DEGLI EDIFICI (DI SEGUITO PER BREVEVITÀ ("INIZIATIVA"))	EXITONE S.p.A (MANDATARIA) COGE IMPIANTI Soc. Coop. (MANDANTE)
2	Comune di LENTINI (SR)	PROPOSTA PER L'AFFIDAMENTO DELLA CONCESSIONE DEL SERVIZIO DI GESTIONE INTEGRATA DEGLI IMPIANTI DI ILLUMINAZIONE PUBBLICA, MESSA IN SICUREZZA ELETTRICA E MECCANICA, EFFICIENTAMENTO CON TOTALE RICONVERSIONE A LED, ADEGUAMENTO ALLE NORME SULL'ILLUMINAZIONE STRADALE, FORNITURA DI ENERGIA ELETTRICA E IMPLEMENTAZIONE "SMART" DI UN SISTEMA PROFESSIONALE DI VIDEOSORVEGLIANZA (A I SENSI DELL'ART. 183, COMMA 15, D.LGS. N. 50/2016).	ENERSTREET Srl (MANDATARIA) ALBERT Engineering & Project (MANDANTE)
3	Comune di VITTORIA (RG)	PROPOSTA DI PARTENARIATO PUBBLICO PRIVATO PER LA GESTIONE PREVIA RIQUALIFICAZIONE DEGLI IMPIANTI DI PUBBLICA ILLUMINAZIONE DEL COMUNE DI VITTORIA	EXITONE S.p.A (MANDATARIA) ALBERT Engineering & Project (MANDANTE)
4	Comune di BUTERA (CL)	PROPOSTA DI PARTENARIATO PUBBLICO PRIVATO PER LA GESTIONE PREVIA RIQUALIFICAZIONE DEGLI IMPIANTI DI PUBBLICA ILLUMINAZIONE DEL COMUNE DI BUTERA	EXITONE S.p.A (MANDATARIA) ALBERT Engineering & Project (MANDANTE)
5	Comune di SOMMATINO (CL)	PROPOSTA DI PARTENARIATO PUBBLICO PRIVATO PER LA GESTIONE PREVIA RIQUALIFICAZIONE DEGLI IMPIANTI DI PUBBLICA ILLUMINAZIONE DEL COMUNE DI SOMMATINO	EXITONE S.p.A (MANDATARIA) ALBERT Engineering & Project (MANDANTE)
6	Comune di PRIOLO (SR)	PROPOSTA DI PARTENARIATO PUBBLICO PRIVATO PER LA GESTIONE PREVIA RIQUALIFICAZIONE DEGLI IMPIANTI DI PUBBLICA ILLUMINAZIONE DEL COMUNE DI PRIOLO	EXITONE S.p.A (MANDATARIA) ALBERT Engineering & Project (MANDANTE)
7	Comune di LICATA (AG)	PROPOSTA DI PARTENARIATO PUBBLICO PRIVATO PER LA GESTIONE PREVIA RIQUALIFICAZIONE DEGLI IMPIANTI DI PUBBLICA ILLUMINAZIONE DEL COMUNE DI LICATA	EXITONE S.p.A (MANDATARIA) ALBERT Engineering & Project (MANDANTE)
8	Comune di CANICATTINI BAGNI (SR)	PROPOSTA DI PARTENARIATO PUBBLICO PRIVATO PER LA GESTIONE PREVIA RIQUALIFICAZIONE DEGLI IMPIANTI DI PUBBLICA ILLUMINAZIONE DEL COMUNE DI CANICATTINI BAGNI	EXITONE S.p.A (MANDATARIA) ALBERT Engineering & Project (MANDANTE)
9	Comune di MELILLI (SR)	PROPOSTA DI PARTENARIATO PUBBLICO PRIVATO PER LA GESTIONE PREVIA RIQUALIFICAZIONE DEGLI IMPIANTI DI PUBBLICA ILLUMINAZIONE DEL COMUNE DI MELILLI	SIRAM SpA (MANDATARIA) ALBERT Engineering & Project (MANDANTE)
10	Comune di MELILLI (SR)	PROPOSTA DI PARTENARIATO PUBBLICO PRIVATO PER LA GESTIONE PREVIA RIQUALIFICAZIONE DEGLI IMPIANTI DI PUBBLICA ILLUMINAZIONE DEL COMUNE DI RAGUSA	SIRAM SpA (MANDATARIA) ALBERT Engineering & Project (MANDANTE)

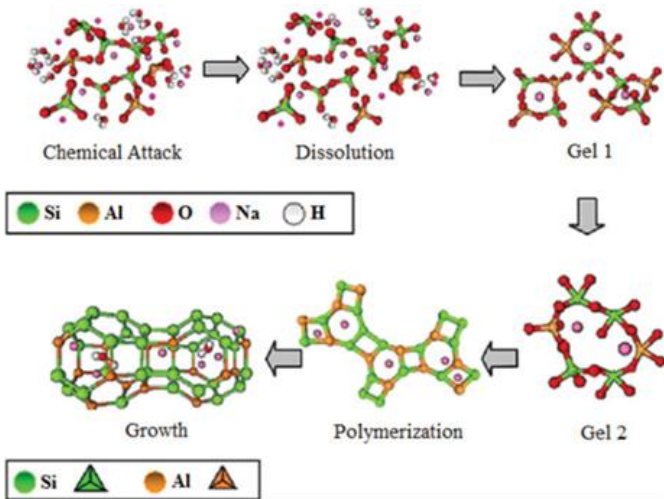
ONE OF OUR PROJECTS:

MotergBio Technology



The project provides the realization of a Biorefinery with the use of the homonymous technology, with patent application n. 102015000011686 of 13/04/2015, which will allow the disposal of special hazardous and non-hazardous waste (eg toner for printers, paints, solvents, drugs, pesticides, oils, etc.). Moterg-bio is in fact an innovative process for the disposal and recovery of waste with the production of biofuels, electricity and clean water based on the "regenerative" properties of what allows the life of our ecosystem and its inhabitants: "Water".

ONE OF OUR PROJECTS: *Concrete for green building*



Concrete for green building, an innovative and environmentally friendly future with GEOPOLYMERS

The relaunch of the building sector in this historic moment passes through innovative eco-technologies in the energy-environmental and green building sectors. In the last decades, a class of innovative materials, called "geopolymers" has aroused the interest of both scientific research and industry. The project "Cement for green building, an innovative and environmentally friendly future with GEOPOLYMERS" aims to make the company Edilponti, through the operational feasibility study on reconversion, capable of having the scientific knowledge on new materials with low environmental impact, to be used in the entire construction supply chain in the building sector through the innovation of formulations and / or production processes in Sicily. Thanks to this knowledge, the company acquires the *know-how* for the start-up of new innovative industrial production lines with the possibility of converting the "traditional" concrete process in favor of ecological geopolymeric concrete.

I NOSTRI PARTNERS



Scientific Collaborations



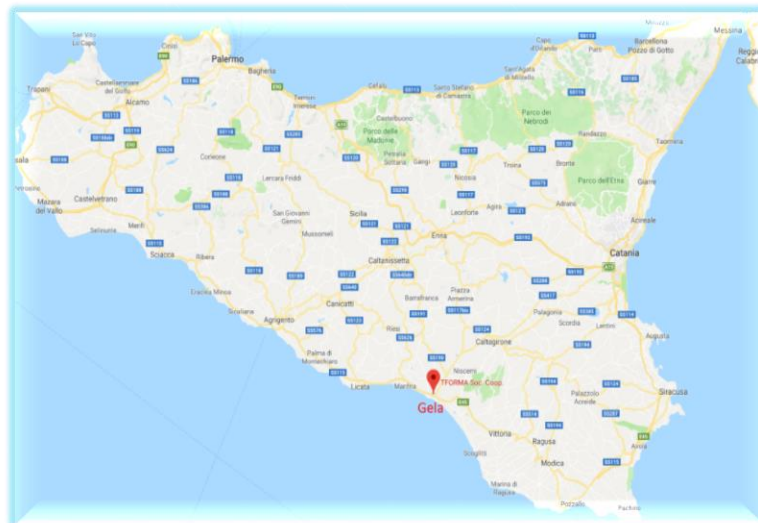
Scientific Joint Venture



Investment's Partner



DOVE SIAMO



ALBERT Engineering & Project

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Albert

engineering & project

Beyond the limits

Whoever say something is impossible should not disturb who are working on it.

Once we accept our limits we go *beyond them*.

Albert Einstein (1879-1955)

$$E=mc^2$$

$$R_{\mu\nu} - \frac{1}{2}R g_{\mu\nu} + \Lambda g_{\mu\nu} = \frac{8\pi G}{c^4} T_{\mu\nu}$$

Albert Einstein

