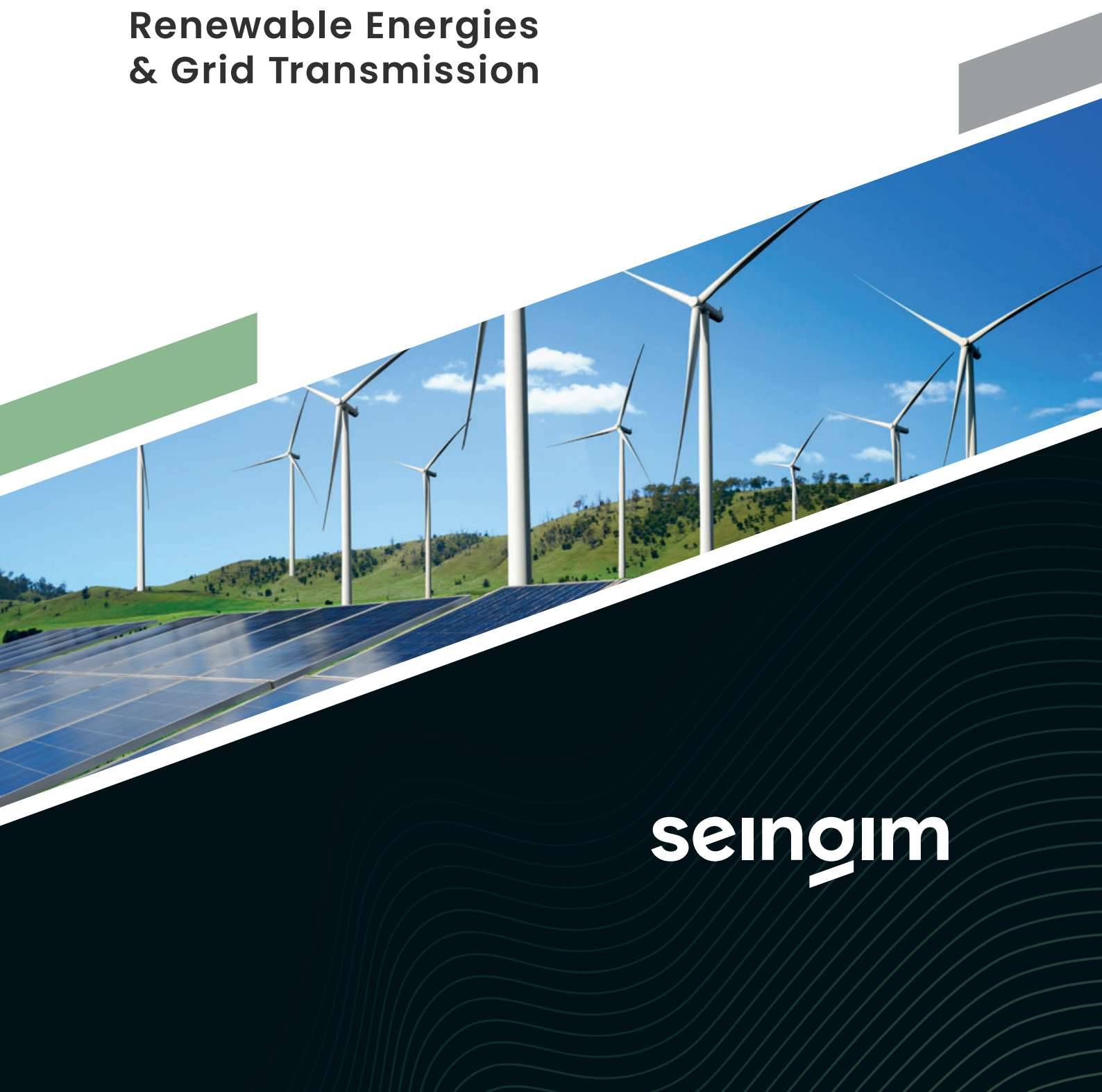


2026 Edition



BUSINESS UNIT

Renewable Energies & Grid Transmission



seingim

ABOUT US

/ Being Seingim

Since 1997, Seingim has been generating value and making a significant contribution to the advancement of civil and industrial engineering, not only in Italy but also worldwide.

Collective well-being is at the core of our engineering philosophy. This is why we strive every day to transform our vision into valuable solutions and opportunities for both people and the environment.

Our clients and partners benefit from the expertise of **over 560 professionals**, a comprehensive suite of integrated services and a strong commitment to innovation and excellence.



/ Our Location

- Ceggia (Venice) - HQ
- Milan
- Rome-Prati
- Rome-Parco de' Medici
- Genoa
- Turin
- Padua
- Verona
- Bolzano
- Ispra
- Trieste
- Udine
- Ferrara
- Fano
- Cagliari
- Taranto
- Vibo Valentia
- Catania
- Almaty (KZ)
- Riyadh (SA)
- Basel (CH)
- Munich (DE)

Quality Standards & Certifications

- Quality: **ISO 9001:2015**
- Environment: **UNI EN ISO 14001:2015**
- Health & Safety: **UNI EN ISO 45001:2023**
- Energy: **UNI CEI EN ISO 50001:2018**
- BIM: **UNI/PdR 74:2019**
- Social Responsibility: **SA 8000:2014**
- Information Security: **UNI CEI EN ISO/IEC 27001:2024**
- Gender Equality: **UNI/PdR 125:2022**

/ Vision

Seingim aims to become a global leader in multidisciplinary engineering, delivering advanced and sustainable technological solutions for industry and infrastructure, ensuring efficiency, safety and innovation.

/ Mission

Seingim develops innovative and sustainable engineering solutions by integrating advanced technologies and multidisciplinary expertise to ensure efficiency, safety and high-quality standards in industry and infrastructure.

COMPANY

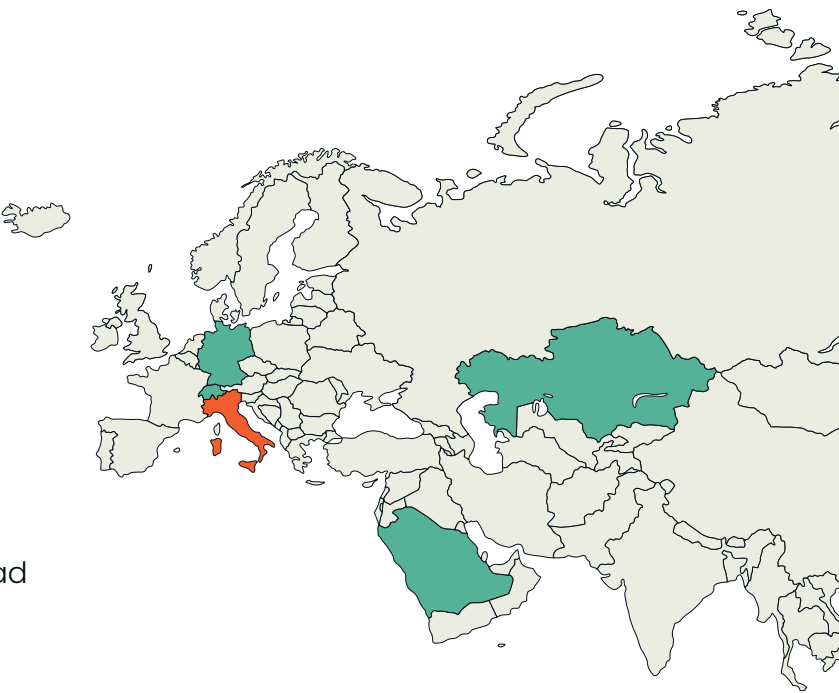
/ Key Data

560+
Resources at
Seingim

180+
New entries in
2025

1.1 Mln
Engineering
hours in 2026

22
Group offices:
18 in Italy and 4 abroad



WHAT WE DO

/ Always With Passion

We manage complex projects by leveraging multidisciplinary expertise, advanced methodologies and a highly skilled team

Our approach is defined by the adoption of BIM, a state-of-the-art tool that centralizes project information, enhances planning accuracy, minimizes errors and facilitates cross-disciplinary collaboration. This enables us to consistently deliver reliable and high-quality results. Continuous training and professional

development are fundamental to our success. We provide our team with opportunities for training to stay at the forefront of technological advancements, in order to develop new skills that ensure the delivery of high-quality solutions and maintain a high design standard, recognized by our clients..



HOW WE DO IT

/ Our Process

At Seingim, we adopt a structured approach that integrates transparency, innovation, and multidisciplinary expertise. Our team operates synergistically with functional methodologies and combined skills, efficiently managing complex projects while ensuring quality and precision.

Our commitment to excellence is strengthened by a multidisciplinary team that combines technical expertise with continuous learning. We heavily invest in professional development, equipping our workforce with cutting-edge knowledge and tools to stay ahead in a rapidly evolving industry. This synergy of talent, technology and methodology allows us not only to meet expectations but to exceed them, fostering long-term partnerships with our clients.

Excellence isn't just our goal- it's the standard we set for every project we undertake



OUR EXPERTISE

/ Business Sectors

Our multidisciplinary expertise enables us to successfully operate across a broad range of industries, delivering tailored solutions that meet each client's specific needs. By combining advanced technical capabilities with an innovative approach, we effectively tackle complex challenges, ensuring quality, sustainability and outstanding results.

- Buildings
- Infrastructure
- Renewable Energies
- Water & Transport Infrastructure
- Environmental Permitting
- Smart Solutions
- Energy Efficiency
- Industrial Energy Transition
- Power generation
- Oil & Gas
- Petrochemical
- Chemical
- Pharmaceuticals & Life Science
- Management & Consulting
- Telecommunications
- Site Survey

Every project starts with an idea and with us ideas become reality.



/ Our Organization



LIFELONG LEARNING / Professional Growth

We believe in continuous improvement. In the engineering sector, staying up to date is essential to meeting industry standards and driving innovation. That's why we invest in development programs to ensure our team is always equipped to tackle new challenges and deliver cutting-edge solutions.

/ Our Technical Capabilities

- Technical Safety Engineering
- Process Engineering
- Piping & Layout Engineering
- Civil & Structural Engineering
- Electrical Engineering
- Static Equipment, Rotating Machines & Package Engineering
- HVAC Engineering
- Instrumentation, Automation & Telecommunications Engineering
- Energy Engineering
- Project Management & Consulting
- Environmental Permitting

RENEWABLE ENERGIES

/ Our Services



PV, AGRI PV, WIND and BESS PLANT

- Pre-feasibility studies;
- Technical Due Diligence;
- Optimized grid connection alternatives;
- Connection request (STMG);
- Storage sizing for hybrid plant;
- Final Design for Permitting Purposes;
- Secondary Permitting, including easements and rights-of-way for power lines;
- Permit Matrix and Constructability Matrix;
- Detailed Design (Construction Design);
- Owner's Engineering;
- Detailed Design of Grid Connection Works (STMD);
- Technical support and assessments for EPC tender;
- Land assessment studies:
 - Hydrological and drainage study;
 - Cut and Fill Analysis of the Terrain;
 - Topographic survey;
 - Georadar survey;
 - Geotechnical study and extraction test;
 - Environmental and noise emission study;
- Environmental monitoring construction phase;
- Detailed Design of PV, AgriPV, Wind and BESS plant (for EPC);
- Detail Design for grid connection HV and MV (for EPC);
- Management of SUAP Procedures up to Commissioning;
- DL, CSE, CSP, Construction management;
- Management of Site Operations, QHSE, and Construction Logistics;
- Construction site supervision and quality control;
- Commissioning management.



Our Expertise

- Civil and structural engineering;
- Electrical engineering;
- Instrumentation, automation & control and telecommunications engineering;
- Energy Engineering;
- Hydraulic engineering;
- HSE (firefighting and fire detection, hazardous area classification, toxic gas dispersion, ...)
- Geology;
- Archeology;
- Agronomic and forestry studies;
- Environmental and land engineering;
- Acoustic studies;
- Topography and surveys.

ELECTRICAL GRID

/ Our Services



Transmission grid and electrical substation HV/MV

- Connection request (STMG);
- Optimized grid connection alternatives;
- Pre-feasibility studies;
- Technical Works Plan for Permitting Purposes (PTO);
- Permitting Support;
- Secondary Permitting, including easements and rights-of-way for power lines;
- Detailed Design of Grid Connection Works (STMD);
- Owner's Engineering;
- Technical support and assessments for EPC tender;
- Land assessment studies:
 - Hydrological and drainage study;
 - Cut and Fill Analysis of the Terrain;
 - Topographic survey;
 - Georadar survey;
 - Geotechnical study and extraction test;
- Electrical specialist studies:
 - Short circuit analysis;
 - Static and Dynamic Load Flow Sizing;
 - Protection coordination studies;
 - Earthing system sizing calculation;
 - Lightning Protection study;
 - Arc flash studies;
 - DPA electromagnetic fields;
- Construction Design for electrical substations (for EPC);
- Construction Design for grid connection HV and MV (for EPC);
- DL, CSE, CSP, Construction management;
- Management of Site Operations, QHSE, and Construction Logistics;
- Construction site supervision and quality control;
- Management of SUAP Procedures up to Commissioning;
- Management of Pre-Commissioning and Commissioning Activities.



Our Expertise

- Civil and structural engineering;
- Electrical engineering;
- Instrumentation, automation & control and telecommunications engineering;
- HSE (firefighting and fire detection)
- Energy Engineering;
- Hydraulic engineering;
- Geology;
- Archeology;
- Environmental and land engineering;
- Acoustic studies;
- Topography and Survey

MAIN EXPERIENCES

/ PV, AGRIPV and WIND PLANT

NADARA – Site Management for n°2 ground-based PV plant located in Manzano (UD) with a power of 8,0 MWp and in Terzo d'Aquileia (UD) with a power of 32,0 MWp.

GALILEO – Permit matrix and constructability matrix for n°2 PV plants.

RESERVED CLIENT – Technical Due Diligence to purchase a 500 hectare farm for the development of an advanced AgriPV.

SORGENIA – Detail Design and As Built for the construction on rooftop and on a shelter a PV plant of Films in Premosello Chiovenda (VB) with a power of 1581 kWp.

IREN – Final design for the purposes of permitting of an advanced AgriPV plant located in Bondeno (FE) with a power of 24,9 MWp.

NEOEN – Owner engineering, DL, CSE and Commissioning support for n°3 PV plants and projects connected grid: Broni (PV) 9,84 MWp, Valsamoggia (BO) 5,2 MWp, Portomaggiore (FE) 8,4 MWp.

LT – Detail Design of the 9,7 MWp PV plant, located in the Municipality of Assemini (CA) inside the ENI refinery plant connected in HV.

SORGENIA – Detail Design and As Built for the construction on rooftop a PV plant of Vetri Speciali in Trento (TN) with a power of 990 kWp.

LT – Detail Design of the AgriPV plant called "LUMINORA" with a power of 52,3 MWp, site in the Municipality of Catania and related MT/AT connection works.

LT – Detail Design of the PV plants called "BIG FISH" North Lots and "SARDELLA" with a power of 113,4 MWp, located in the province of Catania.

NVA – DL, CSE and Commissioning for PV plant and project connected electrical grid in Molinella (BO) 9,9 MWp.

NVA – Final design for the purposes of permitting of the wind farm located in the province of Sassari for 25 WTG called Eolia with a power of 150MW connected to the High Voltage RTN.

NEOEN – Final design for regional AU purposes and support for the authorization process for 9,4 MWp Advanced AgriPV plant in Noceto (PR) connected in medium voltage called "Noceto B".

NEOEN – Final design for regional AU purposes and support for the authorization process for 9,5 MWp Advanced AgriPV plant in Noceto (PR) connected in medium voltage called "Noceto Celana".

Our Project

SORGENIA – Site Management for n°2 ground-based PV plant located in Licata (AG) with a power of 6,5 MWp and in Sant'Onofrio with a power of 8,5 MWp.

NEOEN – Final design for regional AU purposes and support for the authorization process for 9,9 MWp PV plant in Noceto (PR) connected in medium voltage called "Noceto E".

IREN – Final design for the purposes of permitting of an advanced AgriPV plant located in Brescello (RE) with a power of 5,9 MWp.

SORGENIA – Detail Design and As Built for the construction on rooftop a PV plant of Zignago Vetro in Fossalta di Portogruaro (VE) with a power of 3,17 MWp.

AIEM GREEN – Final design for the purposes of permitting of a AgriPV plant located in Terre del Reno (FE) with a power of 31,9 MWp.

NEOEN – Technical due diligence and connection request for a PV system divided into 4 lots with a power of 25 MWp located in Opera (MI).

AIEM – Detail Design and As Built for the construction of a ground-based for n°2 PV plants located in Trissino (VI) respectively having power 3,4 and 5,3 MWp.

AIEM – Detail Design and As Built for the construction of a ground-based PV plant located in Terre del Reno (FE) with a power of 5,0 MWp.

SORGENIA – Detail Design and As Built for the construction of a ground-based PV plant located in Licata (AG) with a power of 6,5 MWp.

AIEM – Detail Design and As Built for the construction of a ground-based PV plant located in Minerbio (BO) with a power of 2,6 MWp.

SORGENIA – Detail Design and As Built for the construction on rooftop n°2 PV plants of Aperam in Massalengo (LO) with a power of 1,5 MWp and in Podenzano (PC) with a power of 875 kWp.

AIEM – Detail Design and As Built for the construction of a ground-based PV plant located in Polesella (RO) with a power of 6,9 MWp.

AIEM – Detail Design and As Built for the construction of a ground-based PV plant located in Polesella (RO) with a power of 5,9 MWp.

MAIN EXPERIENCES

/ PV, AGRIPV and WIND PLANT

AIEM – Detail Design and As Built for the construction of a ground-based PV plant located in Capua (CE) with a power of 9,9 MWp.

TOSCANA AEROPORTI – Feasibility study of 14 MWp photovoltaic plants for Florence Airport.

RESERVED CLIENT – Secondary permitting for n°3 PV plant e power lines.

MAX STREICHER – Detailed engineering and commissioning of the AgriPV plant located in Strazzeri (CT) with 21,5 MWp of power divided into 4 plant lots and works project for connection to the medium voltage grid.

GEKO – Repowering of the Foiano di Valfortore wind farm consisting of 10 WTGs with a power of 66 MW and dismantling of 47 WTGs with a power of 33,2 MW.

RESERVED CLIENT – Feasibility study, final and executive design of 14 MWp photovoltaic plants in MOSE Venice.

PRELIOS CREDIT SOLUTIONS – Technical and Economic Due Diligence Wind power plant.

IREN SMART SOLUTIONS – Final and Execution Desing of n° 6 photovoltaic power plants on the roofs of industrial warehouses inside the Port of Savona and new MV electricity partial distribution in the port.

BM GROUP (NYOX) – Executive design of the ground-mounted photovoltaic power plant on fixed structures in abandoned areas of the steelworks owned by Dalmine S.p.A, Tenaris Group, for a power of 5,1 MWp located in Dalmine (BG).

BM GROUP (NYOX) – Executive design of a 4,9 MWp photovoltaic plant on the roof of the steelworks located in Arcore (MB) owned by the Tenaris group and project for grid connection to the High Voltage within the steelworks area.

HERATECH – Multidisciplinary Execution update requirements design for EPC tendering of n°1 PV plants on the Ravenna landfill and related project for grid connection to the Mid Voltage for 7,5 MWp.

NVA – Multidisciplinary Final design for permitting of n°1 advanced AgriPV plants in Puglia and related project for grid connection to the High Voltage for 40 MWp.

RP GLOBAL – Multidisciplinary Final design for permitting of n°5 advanced AgriPV plants in Sardinia and related project for grid connection at High Voltage for a total plants capacity of 181,7 MWp.

MAIN EXPERIENCES

/BESS PLANT

Final design for PAS purposes of BESS plant of power 10 MW connected to MV grid located in Casale di Scodosia (PD).

Final design for PAS purposes of BESS plant of power 10 MW connected to MV grid located in south of Milan.

Final design for the AU Mase purposes and the related connection PTO for a 100 MWp Stand Alone BESS plant located in Casamassima (BA).

Final and executive design of the 10 MW / 40 MWh BESS plant located in the Sparanise (CE) connected to the electric substation of the power plant.

Final and executive design of the 10 MW / 40 MWh BESS plant located in the Rizziconi (RC) connected to the electric substation of the power plant.

Final design for the AU Mase purposes and the related connection PTO for a 100 MWp Stand Alone BESS plant located in Sarmato (PC).

Final design for the permitting purposes of Agrivoltaic plants 43,7 MWp and BESS 10MW connected in HV 36/150kV.

Final design for the purpose of permitting Agrivoltaic plants of 56,6 MWp and BESS 22MW connected in HV 36/150kV.

Final design for the purpose of permitting Agrivoltaic plants of 13 MWp and BESS 10MW connected in HV 36/150kV.

Final design for the purpose of permitting Agrivoltaic plants of 16 MWp and BESS 10MW connected in HV 36/220kV.

MAIN EXPERIENCES

/CONSTRUCTION MANAGEMENT

CSP, CSE, DL and Superv. for the commissioning of the PV plant and related MV connection works of power 9,3 MWp site in Portomaggiore (FE).

CSP, CSE, DL and Superv. for the commissioning of the PV plant and related MV connection works of power 5,9 MWp site in Valsamaoggia (BO).

CSP, CSE, DL and Supervision for the commissioning of the PV plant and related MV connection works of power 9,9 MWp site in Broni (PV).

DL and CSE photovoltaic plant located in Molinella (BO) of 9,8 MWp.

Site Management and electrical commissioning of the PV plant Terzo Aquileia (UD) 32 MWp.

Site Management and electrical commissioning of the PV plant Manzano (UD) 8 MWp.

Electrical commissioning of the plant FV Strazzeri 21,5 MWp.

Site management of PV plant Sant'Onofrio (VV) 8,6 MWp.

Site management of PV plant (AG) 6,5 MWp.

MAIN EXPERIENCES

/TRANSMISSION GRID and ELECTRICAL SUBSTATION HV/MV/LV

Executive design of the "CASALVECCHIO EST 2" MV/HV Primary Cabin connected in double antenna to the new 150 kV ES RTN to be inserted in entry-exit to the 150 kV RTN line "Casalvecchio – Pietramontecorvino".

Executive design of the "CAVA 150 2" MV/HV Primary Cabin connected in double antenna to the new 150 kV ES RTN to be inserted in entry-exit to the 150 kV RTN line "SE Montecorvino – CP Lettere".

Executive design of the MV/HV Primary Cabin in Trivigno (PZ) connected in double antenna to the new 150 kV ES RTN to be inserted in entry-exit to the 150 kV RTN line "Montecute – Camastra All".

Executive design of the MV/HV Primary Cabin Careggi (FI) connected in double antenna to the new 132 kV SE RTN to be inserted in-out to the 132 kV RTN line "Rifredi RT – Compiobbi Al.2".

Our Project

Executive design of the Ferrara Imperiale (FE) MV/HV Primary Cabin connected in-out to the 132 kV RTN line "Focomorto CP – Mezzolara".

PTO underground cable duct at 36 kV connected in antenna on the future expansion of the Electrical Substation (ES) at 380/220/132 kV of the RTN called "Casanova".

Executive design of the MV/HV User Electrical Substation located in Catania (CT) connected in antenna at 150 kV on "SE Pantana" Terna 380/150 kV.

PTO and final design Step-UP 30/132 kV of the underground cable duct at 132 kV connected in antenna on future expansion/upgrade to 132 kV of the Electrical Substation of the RTN called "Massa Finalese".

Executive design of the MT/HV Primary Cabin of Vighizzolo d'Este (PD) connected in-out on the RTN.

PTO and final design Step-UP 30/132kV of the 132kV underground cable duct connected in antenna on a 132 kV extension of the 380/220/132 kV Electrical Substation of the RTN called "Piossasco"

Executive design of the MV/HV Primary Cabin of Biancavilla (CT) connected in double antenna at 150 kV on a new Electrical Substation (SE) of the RTN.

Executive design of the MV/HV Primary Cabin of Grammichele (CT) connected in double antenna at 150 kV on a new Electrical Substation (SE) of the RTN 150 kV to be inserted in entry-exit to the 150 kV RTN line "Caltagirone – Licodia Eubea".

Executive design of the MV/AT Primary Cabin called Gattopardo located in S. Margherita di Belice (AG) connected in entry-exit to the 150 kV RTN line connecting your CPs "Corleone" and "S. Carlo".

Executive design of the MV/HV Primary Cabin of Anguillara Veneta (PD) connected in-out to the 132 kV RTN line.

Executive design of the MV/HV Primary Cabin of Alfonsine (RA) connected in-out to the 132 kV RTN line.

Executive design of the MV/HV Primary Cabin of Castegnaro (VI) connected in double antenna at 132 kV with a new Electrical Substation of the RTN.

Executive design of the SE Terna called Terzo Aquileia in Cervignano del Friuli (UD).

Executive design of the SE Terna of Serre Tavazzolo (LO) for the purpose of BESS connection.

Executive design of the SE Terna of Fusina, Venice, for the purpose of BESS connection.

**The future of energy
requires strategic
choices in the renewable
energy sector.**

**Seingim is the technical
partner to turn the
transition to renewable
energy into reality.**



seingim

Seingim Sales

/ Sales Office

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**DESIGNING
CHANGE,
BUILDING
THE FUTURE.**

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