POWER ON
COMPANY PRESENTATION
ELiN
ELIN –
AUSTRIAN MARKET LEADER
IN BUILDING TECHNOLOGY AND ELECTROTECHNICAL PLANT CONSTRUCTION

FAIR,
COMPETENT,
FLEXIBLE AND
SOLUTION-ORIENTED.
ELIN
IN FACTS AND FIGURES
(2017)

14 Locations in Austria (including subsidiaries)
6 Locations abroad

1.600 Staff Members

260 Mio.

1.200 Customers

124 Service vehicles and special vehicles

18 In-house Centers of Competence

www.elin.com
ELIN – PREPARED FOR THE FUTURE

- We design, plan, build and service electrical systems for buildings of any kind, for commercial and industrial plants as well as infrastructure facilities.

- As an infrastructure partner for electrical engineering we are the ones who close the gap between network operators and users.

- As a plant manufacturer independent of products and systems, we focus on tailor-made and highly specific needs of our customers.

- By offering personalized support we guarantee highly professional and customized solutions.

- Either as a technical general contractor or as specialists, we provide modular solutions to specific disciplines.

- As the market leader, we have numerous reference projects and can offer sound expertise and knowledge in nearly every line of business.

- Since we are regionally positioned in Austria, we are available quickly and locally, at the same time providing a high degree of vertical integration. Customer proximity to us means 'following the customer'.

- Our employees are highly trained and skilled in engineering as well as business management.

- ELIN, EBG and ELIN quadrat are Austrian brands and owned by Austrian interests.

- More than 100 years of history have provided us with a large accumulation of comprehensive knowhow.
INNOVATIVE TECHNOLOGIES HAVE ALWAYS BEEN PART OF OUR PORTFOLIO

- Photovoltaic power plants (greenfield, roof systems, greenhouses)
- Electrical and control engineering for wind-power systems
- IP-address-accessible flex-room controls
- E-mobility solutions
- Electrical engineering partner for the construction of certified green buildings
- Electrical engineering partner for the construction of self-sufficient communities
WE CREATE VALUE FOR OUR CUSTOMERS' BENEFIT

- Conceptual planning
- Implementation planning, plant and construction planning
- Material and component Procurement, implementation
- Selection and commissioning of system partners
- Project management
- Construction, startup and training
- Documentation, maintenance, service and repair

ADDITIONAL SERVICES:

- Design-to-budget processes
- Value engineering
- General engineering contracting
MORE THAN 1,200 SATISFIED CUSTOMERS IN 15 INDUSTRIAL SECTORS

- Alternative energies
- Training, cultural and event management
- Office building and multifunction facilities
- Shopping centers
- Power supply
- Airport technology
- Commercial and industrial systems
- Hotels and wellness centers
- Hospitals, therapy and nursing facilities
- Computer centers
- Stadiums and sports facilities
- Street and special effect lighting
- Telecommunications and radio systems
- Transportation
- Water supply and waste-water disposal
ELIN POWER – LIVING TECHNOLOGY.

THE SERVICE PORTFOLIO

– Energy supply
– Electrical installation
– Communications and security technology
– Process control, building automation and control technology
– Energy and special networks
– Mechanical trades
– Service and maintenance
ENERGY SUPPLY

- High and weak voltage systems
- Transformers
- Rectifier systems
- Emergency power systems
- Central power supply systems
- Control technology for energy supply

ELECTRICAL INSTALLATION

- Heavy and low voltage current distribution systems
- High and low voltage distributions
- Lighting and emergency lighting systems
- Switchgear
- Building control systems
COMMUNICATIONS AND SECURITY TECHNOLOGY

- Telecommunications systems
- Electroacoustics
- IT networking
- Light call system
- Alarm and video surveillance systems
- Security management systems
- Access control and time recording
- Fire protection and fire alarm systems
- Emergency exit guidance systems
- Media technology

PROCESS CONTROL, BUILDING AUTOMATION AND CONTROL TECHNOLOGY

- Building control system
- Direct digital controls (DDC)
- Process control
- Cooperation with high-tech product and/or system partners
ENERGY AND SPECIAL NETWORKS

- Energy networks
- Street and effect lighting
- Floodlight systems
- Information systems
- Municipal overhead lines and transport networks

MECHANICAL TRADES

- Heat generation and heat distribution systems
- Refrigeration and cooling distribution systems
- Ventilation and air-conditioning systems
- District heating plants
- Alternative energies
- Water and sewage installations
- Compressed air generation and piping
  Drinking and service water systems
- Water treatment plants
- Heat, cold, noise and fire insulation systems
SERVICE AND MAINTENANCE

- Maintenance
- System inspection
- Troubleshooting
- On-call services
- Technical building management
- Repairs
- Conversions
- Modernisation

ELIN QUADRAT

- Project development
- Project management
- Full-service general contracting
- Life-cycle/Public private partnerships
COC – CENTERS OF COMPETENCE

STATE-OF-THE-ART EXPERTISE BY ELIN

– By continually developing focused knowledge and
– documenting new insights and findings we provide
– innovative approaches to solutions in order to
– strengthen our expertise
– and benefit our customers
CENTERS OF COMPETENCE

MEDIA TERMINALS

ENERGY AND SPECIAL NETWORKS

MOBILE TELECOMMUNICATIONS SYSTEMS

3D STABILITY TESTING FOR SUPPORT STRUCTURES

STAGE TECHNOLOGY

AIRPORT TECHNOLOGY

PACKAGE ENGINEERING

WIND-POWER GENERATION PLANTS

BROADCASTING TRANSMITTER STATIONS

PHOTOVOLTAIC POWER STATIONS

COMPUTER CENTERS

SEWER SYSTEMS

PLANNING AND INSTALLATION OF E/I&C SYSTEMS FOR BIOMASS CALORIFIC POWER PLANTS

FACILITY MANAGEMENT SYSTEMS
MANAGEMENT

HERBERT WEGLEITNER, CEO
OSKAR KERN, COO
JOHANNES WAGNER, CFO
LOCATIONS
AUSTRIA AND INTERNATIONAL LOCATIONS

ELIN
4030 Linz, Emil-Rathenau-Straße 4
1230 Vienna, Pfarrgasse 75
8141 Premstätten bei Graz, Seering 2
9020 Klagenfurt, Robertstraße 2
5020 Salzburg, Werner-von-Siemens-Platz 1
6020 Innsbruck, Dr.-Stumpf-Straße 2
7000 Eisenstadt, Kasernenstraße 8a
3105 St. Pölten-Unterradlberg, Tiroler Straße 9a

Locations abroad
40591 Düsseldorf, Kölner Landstraße 40
74655 Stuttgart, Plüderhausen Rehhaldenstraße 23
14200 Prague 4, Novodvarovská 1176/112
02-226 Warsaw, ul. Pryzymaty 4, ELIN Sp.z o.o.
61-619 Poznań, ul. Karpla 6,8
40-860 Katowice, ul. Gliwicka 228

Contact and partners
www.elin.com

EBG
4020 Linz, Dierzerstraße 20
4030 Linz, Emil-Rathenau-Straße 4
4403 Steyr, Steiner Straße 9
4560 Kirchdorf an der Krems, Sengsschmiedstraße 14
4800 Attnang-Puchheim, Vienner Straße 26
4910 Ried im Innkreis, Eberschwanger Straße 54
www.ebg-anlagen.at

ELIN quadrat
1150 Vienna, Palmgasse 3/1
www.elin-quadrat.com

alpha fire solution management GmbH
1120 Vienna, Bonygasse
www.alphafire.at

www.elin.com
OUR MANAGEMENT TEAM
VIENNA DC Tower 1

Vienna, Austria

Customer/final customer
VIENNA DC Tower 1 Liegenschaftbesitz GmbH

Date of completion/acceptance
2014

Project value
Approx. 17 million euros

Scope of services
- Electrical systems
- Communications and security systems:
  - KNX bus control (in part)
  - Energy monitoring
- Photovoltaic system with a total area of 300 m²
- Charging stations
- IT cabling with fiber optic cables and CU backbone
- IT network with infrastructure for 1,300 ports
- Utility engineering for conference and event rooms

Special features
- At a height of 250 meters, this is Austria’s tallest building
- 60 upper and 4 lower floors; total floor space: 135,000 m²
MedAustron Ion-Beam Therapy Center

Wiener Neustadt, Austria

Customer/final customer
Errichtungsgesellschaft EBG

Date of completion/acceptance
December 2014

Project value
Approx. 16 million euros (ELIN ARGE share)

Scope of services
Overall project management within a co-op for the entire technical building installation
- Electrical and building engineering (conventional design)
- Entire service supply system for the particle accelerator
- Safety management, including radiation protection
- Access control
- Video surveillance linked to particle accelerator control

© Picture: Christoph Thurner
Styria Media Center
Graz, Austria

Customer
PORR AG

Final customer
Styria Medien AG

Date of completion/acceptance
December 2014

Project value
5.6 million euros

Scope of services
Realization in cooperation with Bacon Gebäudetechnik
- Transformer substation, medium-high voltage system
- Main low-voltage distribution system, sub-distribution board
- 650 kVA network backup system, UPS systems
- Heavy- and light-current installations
- Access, fire alarm, local radio and video systems
- Lighting
- Structured cabling, patch work, server room design, Evoline workstation cabling
SCA Alpenstrasse - New building and retrofitting existing buildings

Salzburg, Austria

Customer/final customer
SCA Immobilien GmbH

Date of completion/acceptance
March 2015

Project value
6.5 million euros

Scope of services
- Medium-high and low-voltage switchgear systems
- Emergency and security lighting
- Structured cabling
- IT active components / WLAN
- Bobbins for the electrical winch
- Electrical panel heating
- Electroacoustic emergency system
- Local radio system
- EIM/KNX bus systems
- Alarm, access and video systems
- CO alarm system
- Emergency power units
**Felsenreitschule – Roof structure renovation**

Salzburg, Austria

**Customer/final customer**
Salzburger Festspiel Erhaltungs- und Nutzungsverein

**Date of completion/acceptance**
July 2012

**Project value**
2.4 million euros

**Scope of services**
- Main low-voltage distribution system, sub-distribution system
- Light and power systems
- EIB bus system
- Security and general architectural lighting
- Data cabling
- Fire alarm system
- Stage manager system
- FM- and alarm system
- Room acoustic system
- Lighting control system
- Junction boxes
Specialist Unit and Rehabilitation Center
St. Radegund, Austria

Customer
Pensionsversicherungsanstalt Wien

Final customer
SKA-Rehabilitationszentrum St. Radegund der PVA

Date of completion/acceptance
May 2014

Project value
5 million euros

Scope of services
- Heavy- and light-current systems
- Multifunction sensor cabling
- IP video systems
- TV systems
- Fire alarm system
- Light signal system and alarm server
- Patient call and PR system
- Online/offline access system
- Parking control system, traffic barrier system
voestalpine AG, Continuous Annealing Line 2
Linz, Austria

Customer/final customer
voestalpine AG Linz

Date of completion/acceptance
February 2015

Scope of services
Electrical engineering infrastructure consisting of
- Main distribution infrastructure
- Sub-distribution and assembly of crane conductor lines
- Lighting, including PLC light controls
- Energy supply for cranes, small consumers, etc.
- Cabling, connections and startup of fire alarm system
- Camera system and access control
- Potential compensation
- Electrical and instrumentation systems on furnace of Continuous Annealing Line 2
Infineon Technologies Austria AG

Villach, Austria

Customer/final customer
Infineon Technologies Austria AG

Date of completion/acceptance
Ongoing

Scope of services
Comprehensive electrical systems, maintenance and service activities for the growing infrastructure of Carinthia’s leading high-tech company

Special features
In the city of Villach, a place of innovation, Infineon is manufacturing microchips for mobility, industrial and safety applications. The company's successful corporate development has been actively shaped by ELIN in the area of electrical engineering for many years.
Schachermayer Großhandels GmbH

Linz, Austria

Customer/final customer
Schachermayer Großhandels GmbH, Linz

Date of completion/acceptance
2014

Scope of services
- Heavy- and light-current installations, distributors
- Lighting systems
- Safety technology (fire detection, emergency lighting, PA system)
- IT system cabling
- Lighting protection system adaptation

Special features
A new cafeteria was installed at the Linz location. The office areas were retrofitted and the existing sales areas were merged, revamped and expanded.
Extension of the U2 subway line from Aspernstrasse to Seestadt
Vienna, Austria

Customer/final customer
Wiener Linien GmbH & Co KG

Date of completion/acceptance
October 2013

Project value
8 million euros

Scope of services
Four platforms: "An den alten Schanzen", "Hausfeldstrasse", "Aspern Nord" and "Seestadt"
- Vier Stationen: An den alten Schanzen, Hausfeld -straße, Aspern Nord u. Endstation Seestadt
  - 20 kV energy supply including protection technology, visualization and integration into the control systems
  - Cabling of the platform and rail areas; electrical systems in the 20 kV switch rooms
  - Supply of the station transformers up to 630 kVA
  - Supply of instrumentation systems
  - Fire alarm systems
ÖBB Wienerwald Tunnel

Lower Austria

Customer/final customer
Österreichische Bundesbahnen

Date of completion/acceptance
December 2012

Project value
6.9 million euros

Scope of services
- Smoke exhaust systems with accompanying electrical equipment, including regulation and control station technology
- 900 kW axial ventilator with frequency converter
- Overflow/vent locks and refrigeration technology

Special features
At a length of 14 kilometers, the Wienerwald tunnel is the longest railway tunnel in Austria.
Hauptwerkstätte Simmering der Wiener Linien

Vienna, Austria

Customer/final customer
Wiener Linien GmbH & Co KG

Date of completion/acceptance
December 2014

Project value
27.8 million euros

Scope of services
Revamping of all electrotechnical systems:
– High-voltage switching station
– Low-voltage switching station
– Lighting installation, including 4000 LED lights
– Security lighting
– Emergency power supply

Special features
The work was conducted during normal operations and in consideration of all operational needs.
Wärmespeicheranlage N-ERGIE

Nuremberg, Germany

Customer
Bilfinger VAM Anlagentechnik GmbH

Final customer
N-ERGIE Kraftwerke GmbH

Date of completion/acceptance
December 2014

Project value
2 million euros

Scope of services
Storage vessel, e-boiler, loading and unloading docks

– Instrumentation systems, including process piping; fiber-optic-cable automation, support structure, cabling, metrology and frequency converters
– Switchgear and control systems
– Lighting, security lighting, power-socket distribution, fire alarm system cabling
– Medium-voltage switchgear, potential compensation and electro-magnetic compatibility
Public street lighting for the southern Landstrasse

Linz, Austria

Customer/final customer
Linz municipal offices

Date of completion/acceptance
April 2013

Scope of services
- Supply and assembly of 35 high-power LED lights
- Dismantling of old equipment, including supply and assembly of construction-site structures

Special features
Conversion of the public lighting to LED technology in the course of renovation of the southern Landstrasse. The lights were installed on cables spanned between building facades.