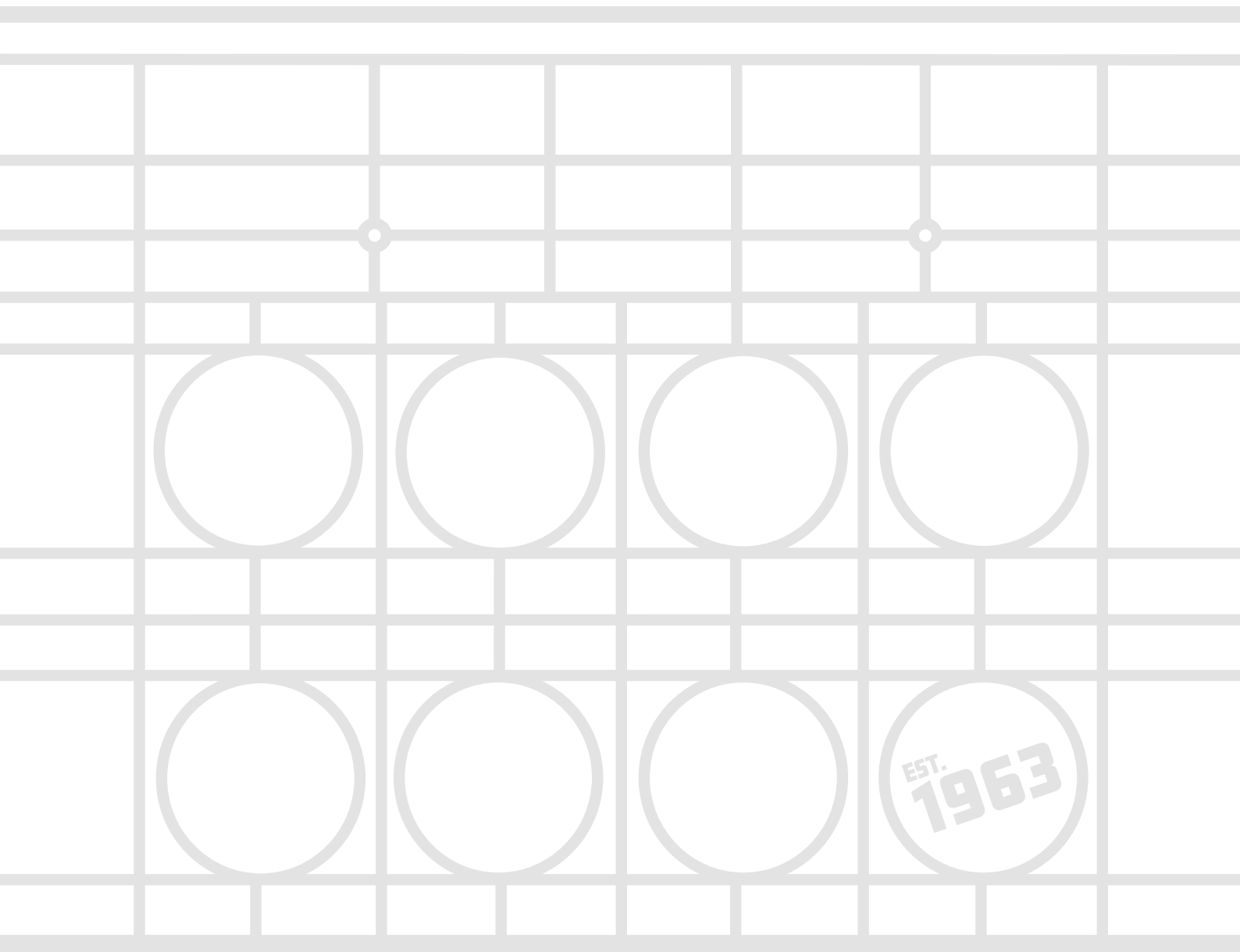


**Our expertise for the networks  
of today and tomorrow**







## From birth to the present day

Langmatz GmbH was founded in Garmisch-Partenkirchen in 1963, originally named LIC Langmatz Industrie Chemie. The company began operations at its first production facilities on a 10,000 square metre site on the Loisach river. Initially, the company focused on the processing of plastics and production of bought-in parts, but Langmatz introduced its first own-brand product in 1964: a cover for series terminal blocks.

From the very beginning, Langmatz stood out, thanks to its foresight and keen sense for upcoming developments. In the years that followed, the company consistently expanded its product portfolio, focusing on innovation and early identification of trends.

Langmatz reached a significant milestone in the 1990s with the development and introduction of polycarbonate manholes. This innovation established the company as an important player in the infrastructure and telecommunications industry. Thanks to the continuous modernisation of its production techniques and its skill in

selecting qualified employees, Langmatz has repeatedly set new standards in the industry. The company's foresight was demonstrated once again when it entered the optical fibre technology market in 2009 – a sector that was still considered an emerging market at the time. In the same year, Langmatz was awarded the German Material Efficiency Award for its sustainable innovations.

In 2010, the company was renamed Langmatz GmbH, accompanied by the introduction of new environmental standards. At the same time, the company expanded its work in the field of electric mobility and established itself as an innovative supplier of traffic engineering solutions. Its early focus on sustainable infrastructure projects, such as energy supply, fibre optics, and traffic engineering, is testament to the visionary strategy of Langmatz GmbH.

With an unmistakable sense for market changes and a consistently forward-looking corporate policy, Langmatz has succeeded in remaining successful in the long term.

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We think long-term and act with the future in mind.

“

EST.  
**1963**



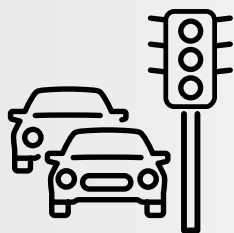
Innovative products with international excellence  
and top quality!



**TELECOMMUNICATIONS**INFRASTRUCTURE



**ENERGY**INFRASTRUCTURE



**TRAFFIC**INFRASTRUCTURE



## About us

Langmatz – Expertise for the networks of today and tomorrow. As an expert in technical system solutions, we are one of Europe’s leading manufacturers.

Our core expertise lies in the secure integration of power and data networks in aboveground and underground distribution solutions. Our customers include telecommunications companies, energy providers, public utilities, and local councils. We develop innovative components and systems for them in order to support them with intelligent solutions in future-orientated sectors, like the expansion of broadband networks, electric charging

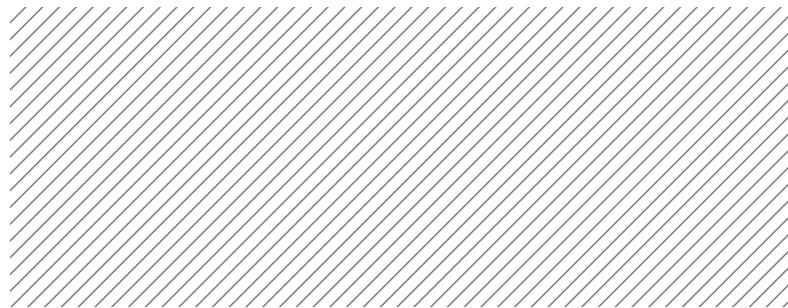
infrastructure, traffic infrastructure, and smart city concepts.

In line with our corporate philosophy, we carry out all processes at our sites in Germany. This starts with development and design, supported by the latest 3D printing technology, and continues through to prototype and mould making, production and installation. The name Langmatz is synonymous with innovative products that meet international standards and deliver premium “Made in Germany” quality.

”

Our core expertise lies in the secure integration of power and data networks in aboveground and underground distribution solutions.

“





# Customer satisfaction is our ultimate goal

Our customers lie at the heart of everything we do. We regard customer satisfaction as a goal, but also as our duty and obligation. We therefore develop products and solutions that meet expectations, and even exceed them.

## Reliable delivery

A central objective of our work is exceptional delivery reliability. Punctual deliveries are crucial for our customers. That is why we continuously optimise our logistics management systems to create reliability and trust, and enable our customers to seamlessly advance their projects.

## Customised solutions

Every project has its own challenges and requirements. We pride ourselves on developing customised solutions tailored to the needs and wishes of our customers. Our experience and versatility enable us to create innovative products and solutions that support the success of our customers' projects.

## Product training

We are convinced that the benefits of a product depend on its quality, as well as on its correct use. That is why we offer high-quality products, but also training and support for our customers. Training either at our customers' premises or in our own showrooms provides the necessary knowledge to make the most of our products.

## Availability

We value close dialogue with our customers and understand how important clear communication is. Our sales representatives are always available to answer customer enquiries, provide support, and develop customised solutions.

We listen carefully to understand our customers' individual requirements and incorporate them into our products and services.

## Continuous improvement

We strive for continuous development. Feedback is invaluable to us, as it helps us to continuously improve our products and processes. We analyse feedback and use it to continually optimise our performance.



We optimise our logistics continuously with the aim of creating maximum reliability and trust to meet the needs of our customers.







## Quality is our goal

In an ever-changing world, we focus on quality, customer satisfaction, and shaping a world worth living in. Our vision is to meet the requirements of digitalisation as well as the energy and mobility transitions with intelligent solutions, and to set new standards for modern infrastructure.

### Customer satisfaction is our benchmark

We listen to our customers, understand their needs, and develop relevant and sustainable solutions.

### Innovation is at the core of everything we do

Our innovative prowess is reflected in patents and awards, and permeates all areas of our company.


### Committed employees are our beating heart

Our employees are the heart and soul of our success. Their expertise, creativity, and dedication enable us to deliver excellence and fulfil our vision. Their satisfaction and well-being are a matter very close to our heart and



### Sustainability

We focus on sustainable corporate governance and rely on environmentally friendly solutions.



contribute significantly to our success. We promote continuous training, offer an open and inclusive corporate culture, and provide a working environment in which ideas can thrive and potential can develop.

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Together with our customers, we shape the future by offering innovative solutions and setting new standards.

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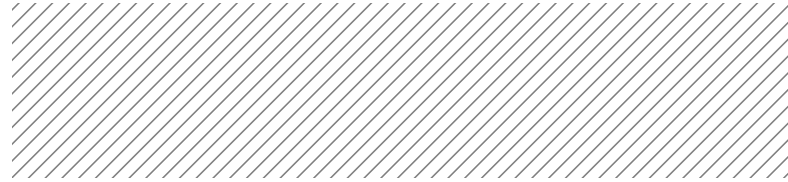




## Excellence in production

### State-of-the-art technologies for the ultimate quality

The name Langmatz is synonymous with excellent metalworking, and also with expertise in plastics processing, especially using polycarbonate. Our expertise in materials ranges from metal and plastic to modern manufacturing technologies.



### Precision in metalworking

Our production facilities are equipped with state-of-the-art machines that guarantee precision and efficiency. This enables us to manufacture high-quality metal components that meet the highest standards.

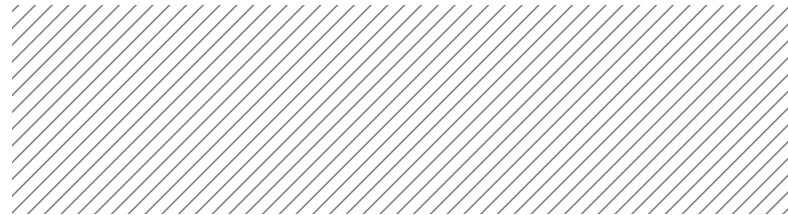
### Polycarbonate experts

We are pioneers and experts in using polycarbonate. This robust material is characterised by its durability and versatility. We use it specifically in our products to achieve durability and functionality.

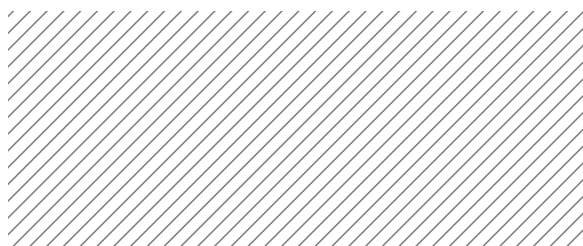
### Modern manufacturing technologies

Continuous investment in state-of-the-art manufacturing technologies is fundamental to us as they enable efficient production, and also open up new design possibilities to us.

We use 3D printing in product development and CNC machining to create complex shapes and precise details.



Using state-of-the-art technologies and comprehensive materials science expertise, at Langmatz we set the highest product quality standards.







# Sustainability – Our responsibility to the environment and society

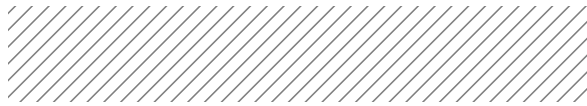
## Our commitment to sustainability

Sustainability is of paramount importance to Langmatz. We regard it as our duty to actively contribute to creating a sustainable future and are guided in this by the sustainability goals of Agenda 2030, adopted by the United

Nations in 2015. As a modern industrial company, we take a pragmatic approach to balancing environmental and climate protection with social engagement.

## Our responsibility for the future

Our activities aim to reduce environmental impact, create jobs, promote gender equality, and take responsibility for the social good. We achieve this through partnerships, such as with the Bavarian Red Cross.



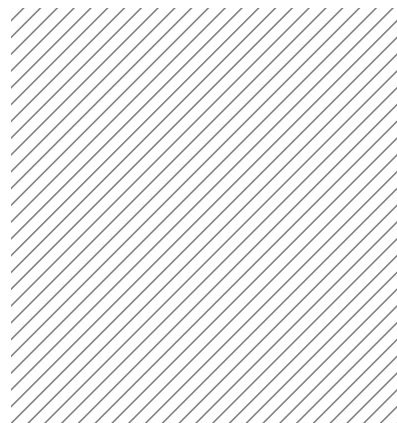
## Example of the circular economy

An outstanding example of our commitment to sustainability is our QualityBox, which represents an innovative approach in the circular economy.

We place particular importance on reducing the consumption of resources along the entire value chain, from raw material extraction and production, to logistics and civil engineering. This yields economic benefits, at the same time as contributing significantly to environmental protection.



We are committed to actively promoting sustainability by implementing environmental and climate protection, social responsibility, and an innovative approach to the circular economy in line with the goals of Agenda 2030.



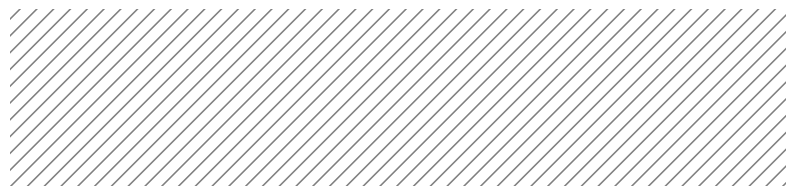




## **Quality – From development to the highest level of production**

### **Trust and reliability**

The quality of our products is a promise of trust and reliability. We develop, test, and produce them carefully to meet the most exacting quality standards. This gives our customers the certainty that they can successfully implement their projects.



### **Durability and security of investment**

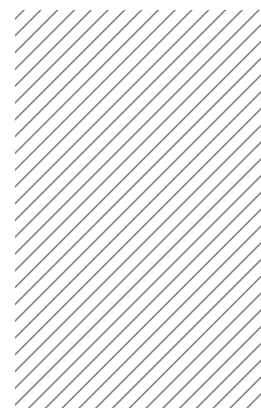
Our products are robust and durable to ensure that they remain efficient and reliable in the future as well. One example of this: Langmatz polycarbonate manholes undergo comprehensive in-house quality processes, starting with development right through to production. We carry out rigorous testing in our unique material and

product test laboratory to ensure that our manholes are capable of withstanding all load classes. The findings of these demanding tests are incorporated directly into our production. In addition, we also perform random daily 3-point bending tests during ongoing manhole production to guarantee quality.

”

Quality is the key to our mission: exceeding our customers' expectations, rather than just meeting them. Our products speak for themselves and help us to build long-lasting customer relationships.

“







## TELECOMMUNICATIONS INFRASTRUCTURE

### Solutions for network level 3 to the optical fibre distribution and termination box

Telecommunications services are essential in the digital transformation. Regardless of whether optical fibre or 5G – high-grade polycarbonate manholes, distribution cabinets, optical fibre distribution and termination boxes, and wall ducts play an indispensable role in network expansion. Network operators face the challenging task of constructing a powerful and future-centric network infrastructure to provide gigabit telecommunications services everywhere.

At Langmatz, we understand the central importance of these products for reliable network performance. We therefore offer tailor-made solutions that meet the most exacting standards.

Our QualityBox polycarbonate manholes are more than just simple “manholes”. They act as invisible ‘heroes’, protecting sensitive cable connections, and thus providing

the foundation for constant and fault-free signal transmission. Our cable distribution cabinets and optical fibre distribution cabinets play a key role in seamless network coverage and performance.

Our expertise going back many years in the development and production of premium network distribution cabinets sets new benchmarks in terms of the reliability and efficiency of these essential components.

At the consumer end, optical fibre distribution and termination boxes and wall ducts are crucial for perfectly terminating optical fibre networks and feeding them into buildings. Our tailor-made solutions take into account the individual requirements of every site and every application. From planning to implementation, we ensure that our products offer direct added value for network expansion.

”

We understand the technical interrelationships of the optical fibre network and its expansion. We offer tailor-made solutions, such as high-quality polycarbonate manholes, distribution cabinets, optical fibre distribution and termination boxes, and optical fibre building cable and pipe entry systems, for high-performance and future-proof gigabit networks.

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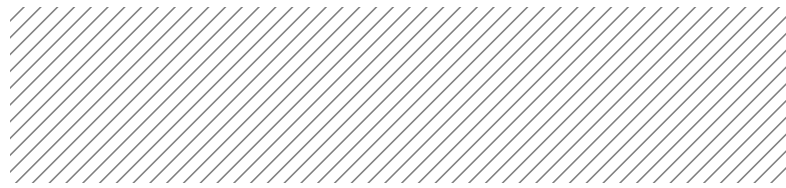
## ENERGY INFRASTRUCTURE

Electricity consumption will increase significantly by 2030: numerous forward-looking technologies such as electric cars, electricity-based heating systems, and the electrification of industrial processes, will cause demand to rise from the current level of 550 terawatt hours (TWh) to as much as 750 TWh. The energy sector is also

undergoing a profound transformation, driven by the need to develop sustainable and efficient energy solutions. As a leading expert in technical system solutions, Langmatz has set itself the task of providing innovative products and solutions that can play a key role in various areas of the energy sector.

### Solutions for energy distribution

Our high-quality outdoor cabinets, cable draw manholes, and power terminals made of robust polycarbonate contribute to smooth energy distribution, at the same time supporting the growth and development of cities and municipalities. They create the basis for a secure and reliable supply.



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At Langmatz, we support energy expansion with our innovative solutions for centralised and decentralised energy generation, thereby actively contributing to the energy transition.

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### Charging infrastructure

The rapid growth of electric mobility is placing ever greater demands on the charging infrastructure. Langmatz is aware of the importance of an efficient and flexible charging infrastructure and offers innovative solutions to meet these demands. Expansion of the charging infrastructure is crucial for widespread acceptance of electric vehicles.

This is where our extensive portfolio comes into play. We supply specially developed charging station foundations that permit flexible installation of high-quality charging

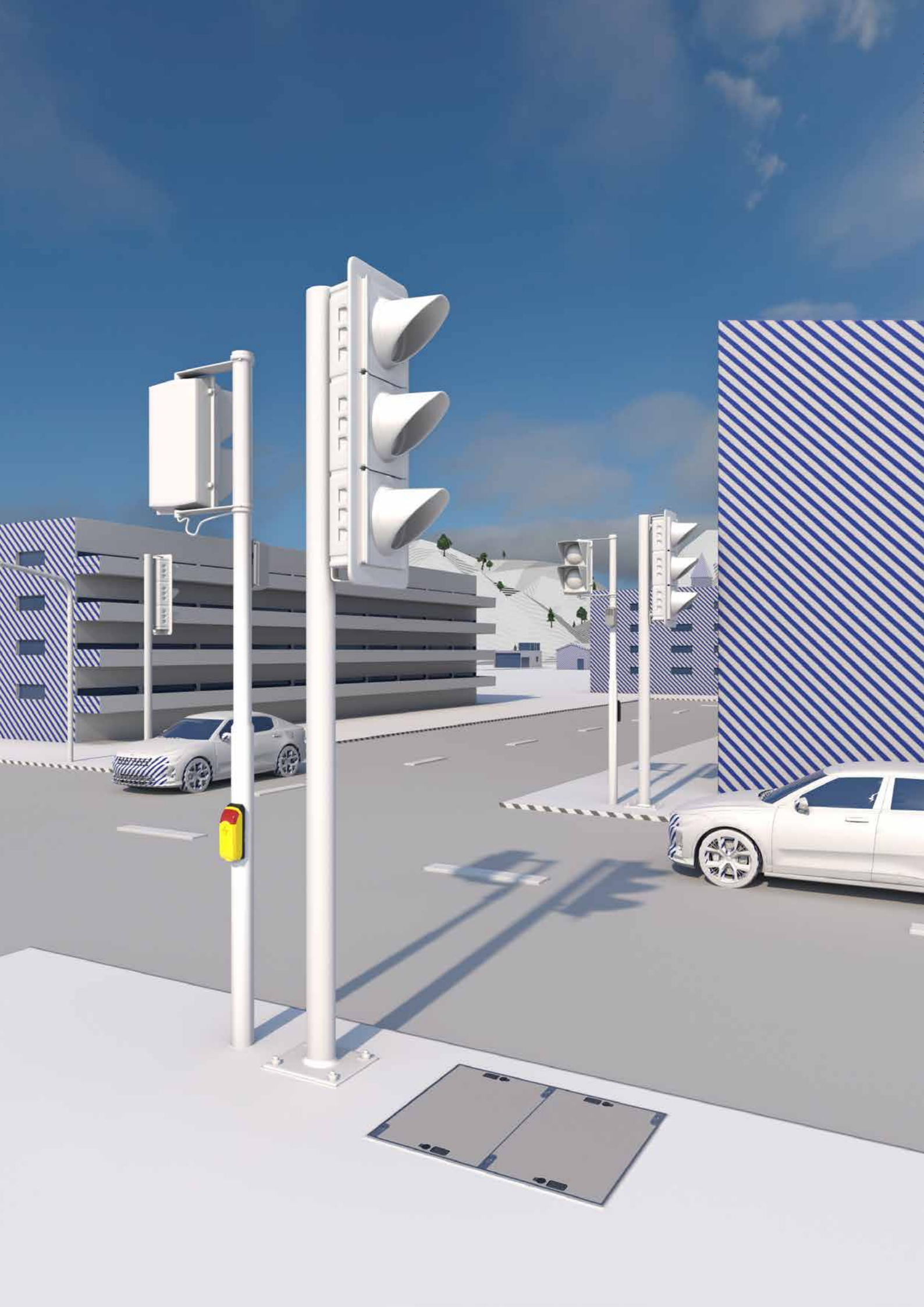
stations. Our EK980 charging station foundations made of robust polycarbonate are characterised by their ease of installation, high load capacity, and adaptability. They are helping to promote electric mobility and build a sustainable charging infrastructure.

Our products are making a valuable contribution to the energy transition and the creation of sustainable energy solutions. We are proud that our products offer real added value for modern energy infrastructure.

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We offer flexible and robust charging station foundations for electric mobility to promote a sustainable charging infrastructure and reinforce the acceptance of electric vehicles.

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## TRAFFICINFRASTRUCTURE

### For safe crossings

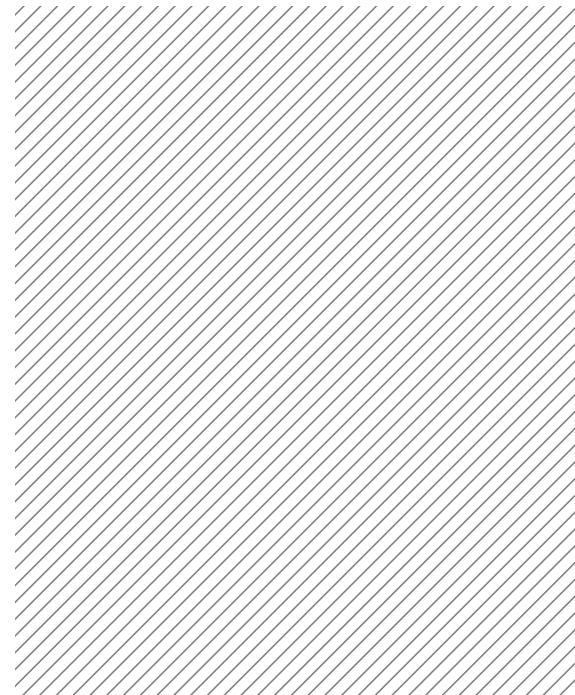
Our society demands a transport infrastructure that guides road users safely and efficiently, even in challenging situations. Langmatz helps to meet this demand by offering a wide range of road and rail safety products. From bicycle/pedestrian traffic signals and signal requesting devices to track terminal boxes, our

solutions help optimise traffic and ensure safety. Our modern traffic light buttons with acoustic signals are an example of how we make using the infrastructure more pleasant for all road users. We pay particular attention to the needs of people with disabilities by integrating tactile Braille on the surfaces of the buttons.

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Our pioneering solutions are shaping smart cities and smart villages that meet energy, mobility, and digitalisation demands.

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# The Langmatz polycarbonate manhole – the QualityBox

In an age where quality and durability are of paramount importance in the construction industry, it has become essential to evaluate materials in terms of their weather resistance.

## Polycarbonate – Master of weather resistance

Polycarbonate has revolutionised the construction industry, thanks to its impressive weather resistance. The exceptional quality of this material makes it an ideal choice, especially in demanding environments.

## Low maintenance

Thanks to its remarkable resistance to weathering, polycarbonate requires minimal maintenance. This reduces work and costs over time and promotes sustainable practices.

## The Langmatz QualityBox – Excellence in polycarbonate manholes

For three decades, customers worldwide have relied on Langmatz high-quality polycarbonate manholes. As secure cabinets for energy and data lines, they play a central role in infrastructure projects, such as the extension of optical fibre and electricity networks, electric charging stations, and 5G infrastructure.

## Extreme durability

Polycarbonate withstands the elements and maintains its structural integrity. It resists extreme temperatures, UV radiation, rain, and environmental pollution without compromising its quality.

## Perfect structural strength

Thanks to 3D-ribFrame technology, our manholes are characterised by their stability and structural strength and can even withstand enormous loads. Lightweight, modular and easy to install, they offer a cost-effective and efficient alternative to concrete.

## ETA certification – Transparency and safety

Langmatz is the only company to have a European Technical Assessment (ETA) for its entire manhole system, including cover and manhole body, in accordance with DIN EN 124 (B 125 and D 400). The Declaration of Performance included with this offers you maximum transparency, safety and security, ensuring you receive precisely what you expect.

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Langmatz QualityBox polycarbonate manholes impress with their exceptional weather resistance, durability, and innovative 3D ribFrame technology. Lightweight, modular, and easy to install, they fit perfectly into infrastructure projects.

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## We will gladly send you further detailed product information for your initial planning and design.

Please contact your local Langmatz representative or our head office.  
Data sheets and other information can be found on our website:

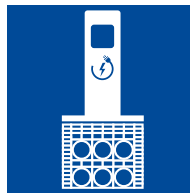
[www.langmatz.de](http://www.langmatz.de)



Polycarbonate manholes



Underground distribution systems



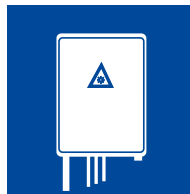
Foundations and columns



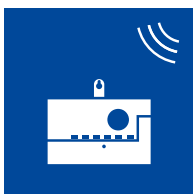
Outdoor cabinets and outdoor pedestals



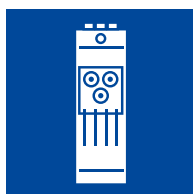
Building cable & pipe entry systems



Optical fibre distribution and termination boxes



Radio ripple control receivers



Fuse boxes



Signal requesting devices

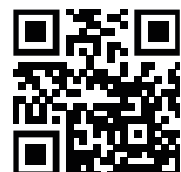
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