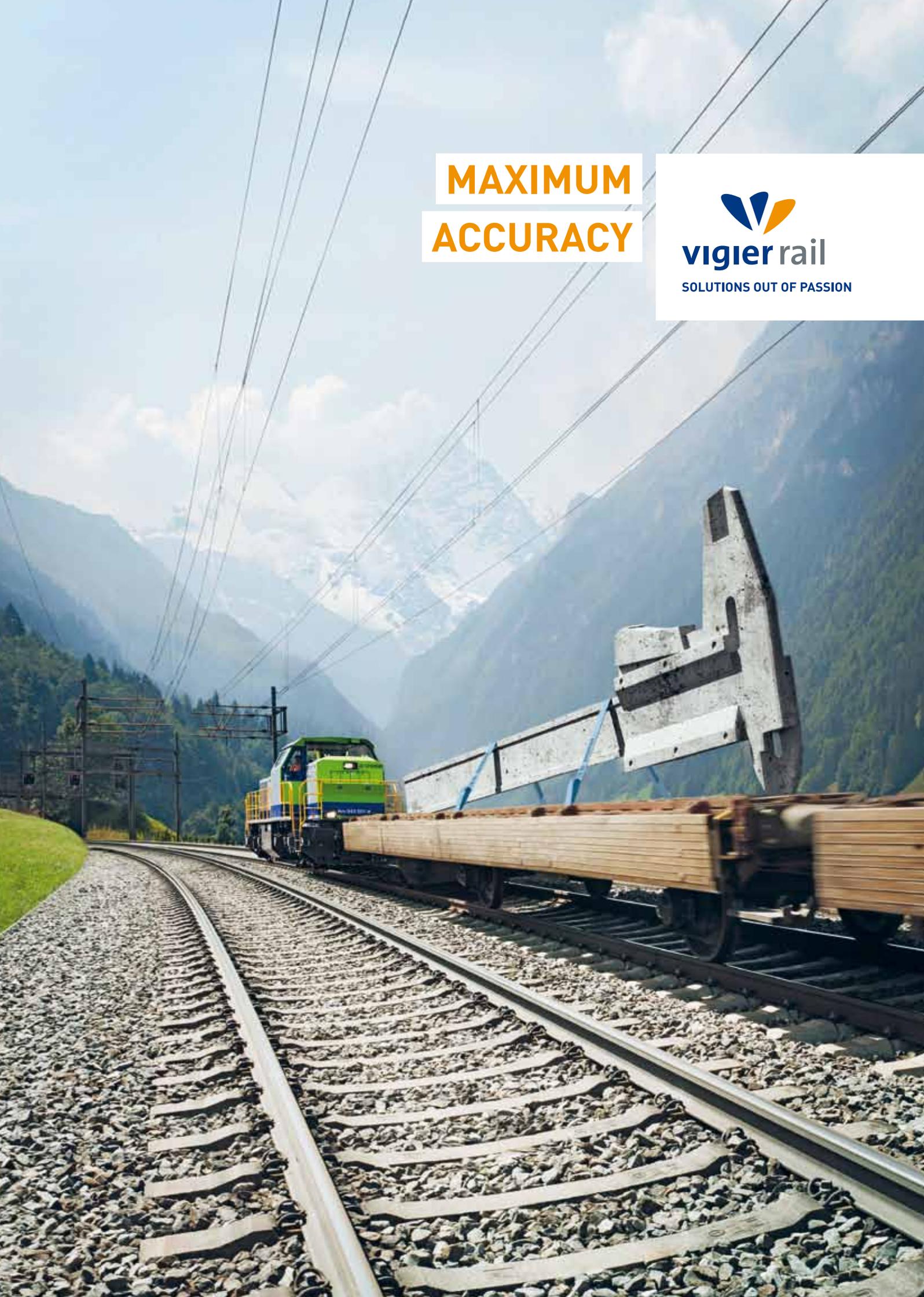


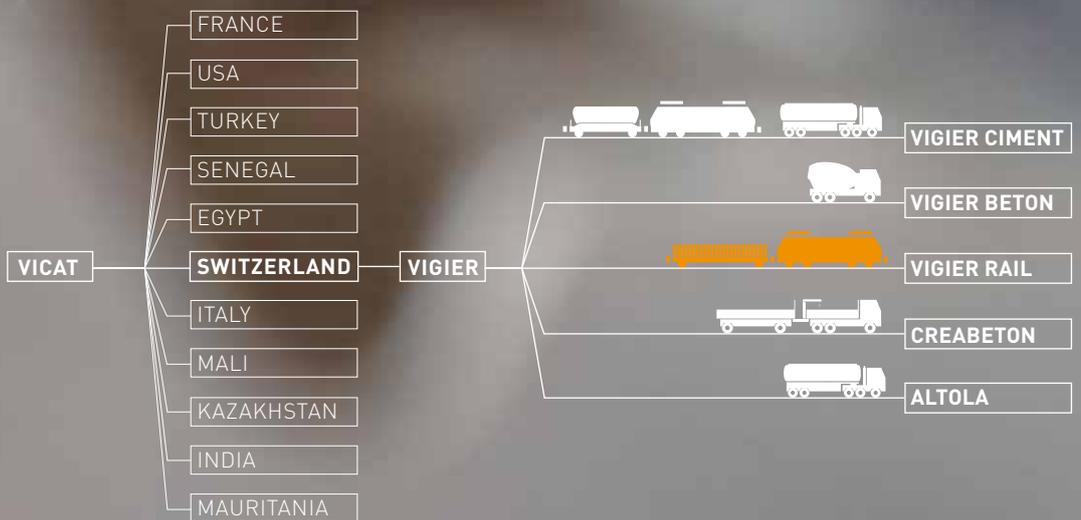
**MAXIMUM
ACCURACY**



vigier rail

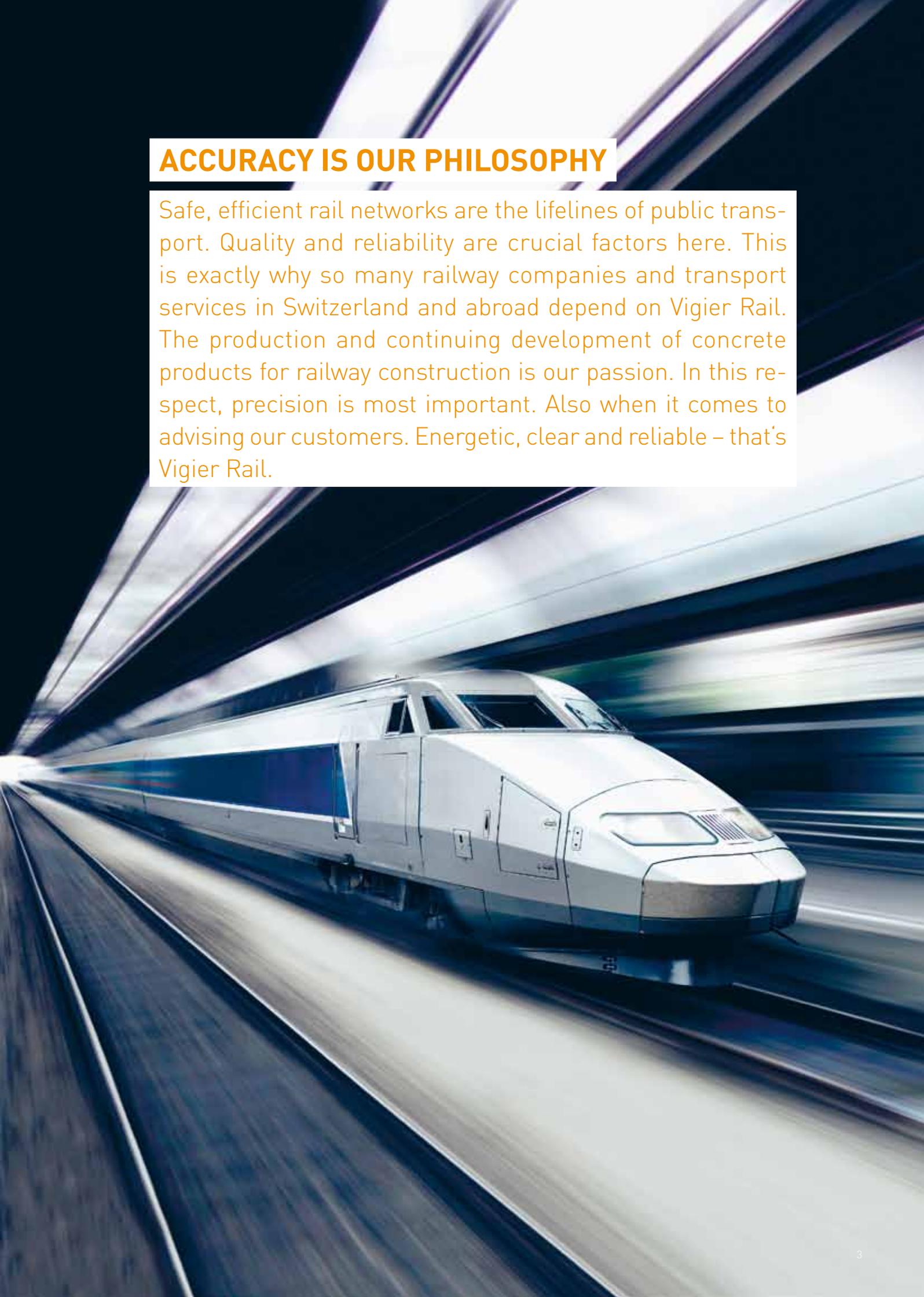
SOLUTIONS OUT OF PASSION





ACCURACY IS OUR PHILOSOPHY

Safe, efficient rail networks are the lifelines of public transport. Quality and reliability are crucial factors here. This is exactly why so many railway companies and transport services in Switzerland and abroad depend on Vigier Rail. The production and continuing development of concrete products for railway construction is our passion. In this respect, precision is most important. Also when it comes to advising our customers. Energetic, clear and reliable – that's Vigier Rail.

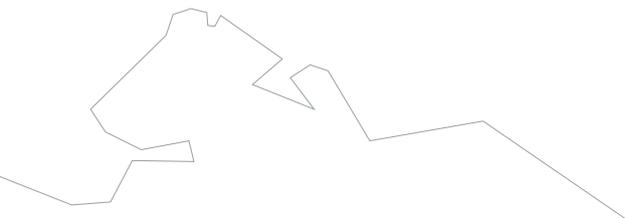


FROM MÜNTSCHEMIER ALL OVER THE WORLD

Our factory in Müntschemier in the Bernese Seeland has its own rail connection and is very easy to reach – both by rail and by road. The site benefits from its central location in Switzerland, right on the German–French language border. International orders can also be processed from here in optimal fashion.



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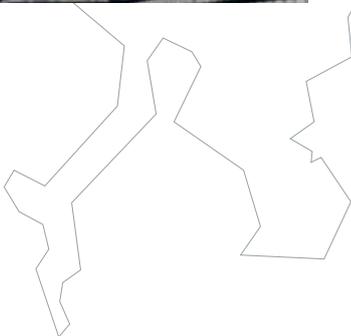
State-of-the-art technology

Every year we produce between 200'000 and 300'000 railway sleepers with different processes using the most technically up-to-date equipment. Our many decades of experience enable us to offer solutions to suit requirements for all batch sizes – irrespective of the track gauge and type of sleeper. The quality, functionality and long service life of our products are always of prime importance. A comprehensive quality assurance system guarantees the constant optimisation of production processes and our product range.



International know-how

Vigier Rail offers advice to and supplies railway companies, construction companies, total contractors as well as engineering consultants involved in rail-bound traffic. Since the beginning of the 1990s, we have also been active on the international market and involved in various large-scale projects. With Vigier Rail as your partner, you benefit from international know-how and a high level of innovation. A great advantage here is close co-operation with our sister company, Sonneville AG: it is the worldwide licensor of the slab track system Low Vibration Track (LVT). We also leave nothing to be desired where the manufacture of speciality products is concerned.



Concrete sleepers, long-lasting and precision-made

Concrete sleepers from Vigier Rail are characterised by their long service life and absolute accuracy. With some of our manufacturing procedures, checks accurate to a tenth of a millimetre are made on each individual sleeper in an optoelectronic measurement station. We manufacture prestressed mainline sleepers and turnout sleepers using a long-line method, LVT single blocks for slab track systems using a late demoulding process with self-compacting concrete and sleepers for special applications in an instant demoulding process.

Just-in-time delivery

Thanks to our breadth of experience, we are in a position to offer cost-effective solutions for all projects and problems in the field of track construction. We deliver just in time. Deliveries can be timed exactly in consultation with us – and that means both in Switzerland and abroad. In the case of standard products, our extensive inventory of sleepers guarantees optimal readiness to deliver. And when it comes to the production of speciality products, you can still count on our flexibility and reliability.

Low Vibration Track (LVT)

The slab track offers certain advantages: it is long-lasting, reliable and reduces maintenance costs. The Low Vibration Track (LVT) single-block system fulfils these requirements to perfection and, thanks to its dual-level elasticity, offers vibration attenuation to a very sophisticated extend. Vigier Rail has many years of experience in this sector. The first LVT project in Switzerland was realised at the beginning of the 1990s in the Grauholz Tunnel. In the meantime, the system has been used with success on such large-scale projects as the Lötschberg and Zimmerberg base tunnels and will also be used in the Gotthard base tunnel. Worldwide about 900 kilometres of LVT are already installed.



QUALITY AND INNOVATION

Vigier Rail is the only company in Switzerland producing concrete sleepers. Our product range includes mainline sleepers and turnout sleepers, for normal and metre gauge, for slab track systems and ballasted track.







High degree of flexibility in individual solutions

Apart from manufacturing standard railway sleepers, individual sleeper adaptations are one of the strengths of Vigier Rail. We look forward to every new challenge and develop an appropriate solution for every job on your behalf, and where necessary in co-operation with partner companies. The level of flexibility we can offer in this field is second to none. The highest levels of quality and accuracy of execution go without saying where we are concerned here.

Extensive product range

As well as our wide selection of railway sleepers, we can also supply other top-quality concrete products, such as a railway platform system or different types of cable ducting.

The requirements of platform construction have also changed: many platforms have had to be refurbished because of the longer trains and the changeover from climbing up into the train to stepping straight on board (trains with lower entrance doors and higher platform levels). Here we can offer a multifaceted system made up of standard, upright section and special platform elements to suit all requirements. Our basic range guarantees the efficient realisation of new construction projects. However, our comprehensive product system also includes special platform edging elements for refurbishment purposes. Both product ranges can easily be combined with one another.



RESPONSIBILITY FOR THE ENVIRONMENT

For many years, Vigier Rail has taken its responsibility for the environment very seriously. On the one hand, this is clear in our products themselves, and on the other in our environmentally friendly gravel extraction in the immediate vicinity of the factory, in the revegetation of old gravel pits and our comprehensive recycling policy. As the preferred business partner of railway companies, we transport 90 percent of our products by rail, and have done so for years.



Environmentally friendly gravel extraction

Quality gravel is a vital raw material in concrete production. We extract it from long-term assured deposits in immediate proximity to our factory. In this respect, we have prescribed environmentally friendly extraction: this includes the natural revegetation of exhausted areas and the conservation of biodiversity. Our many efforts in this area have been recognised and rewarded by the Swiss Sand and Gravel Association and the Foundation for Nature & Commerce.

Concrete also at the forefront ecologically

Compared with wooden and steel railway sleepers, concrete sleepers offer an excellent eco-balance. Therefore with our product range, we are making a contribution to more environmentally friendly and sustainable railway track systems in the public transport sector.

We also set a good example in terms of recycling: our sister company, Vigier Beton, manufactures first-class construction materials for the most varied purposes out of used, cleaned ballast. Old and disused concrete sleepers are crushed to make a granulate which is used as a first-rate replacement for gravel in foundations.



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