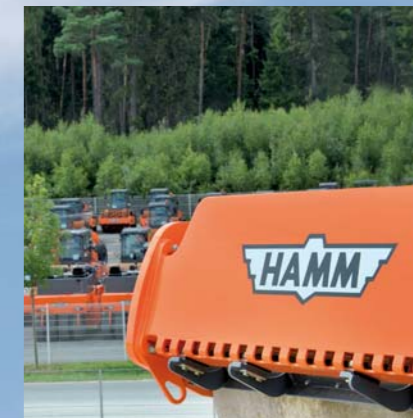
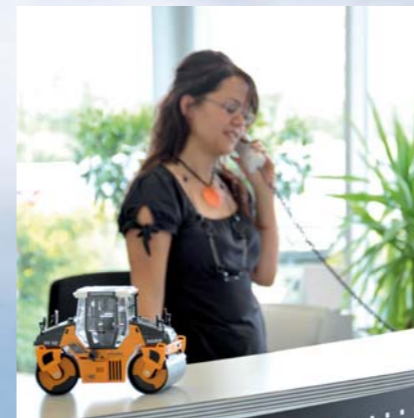




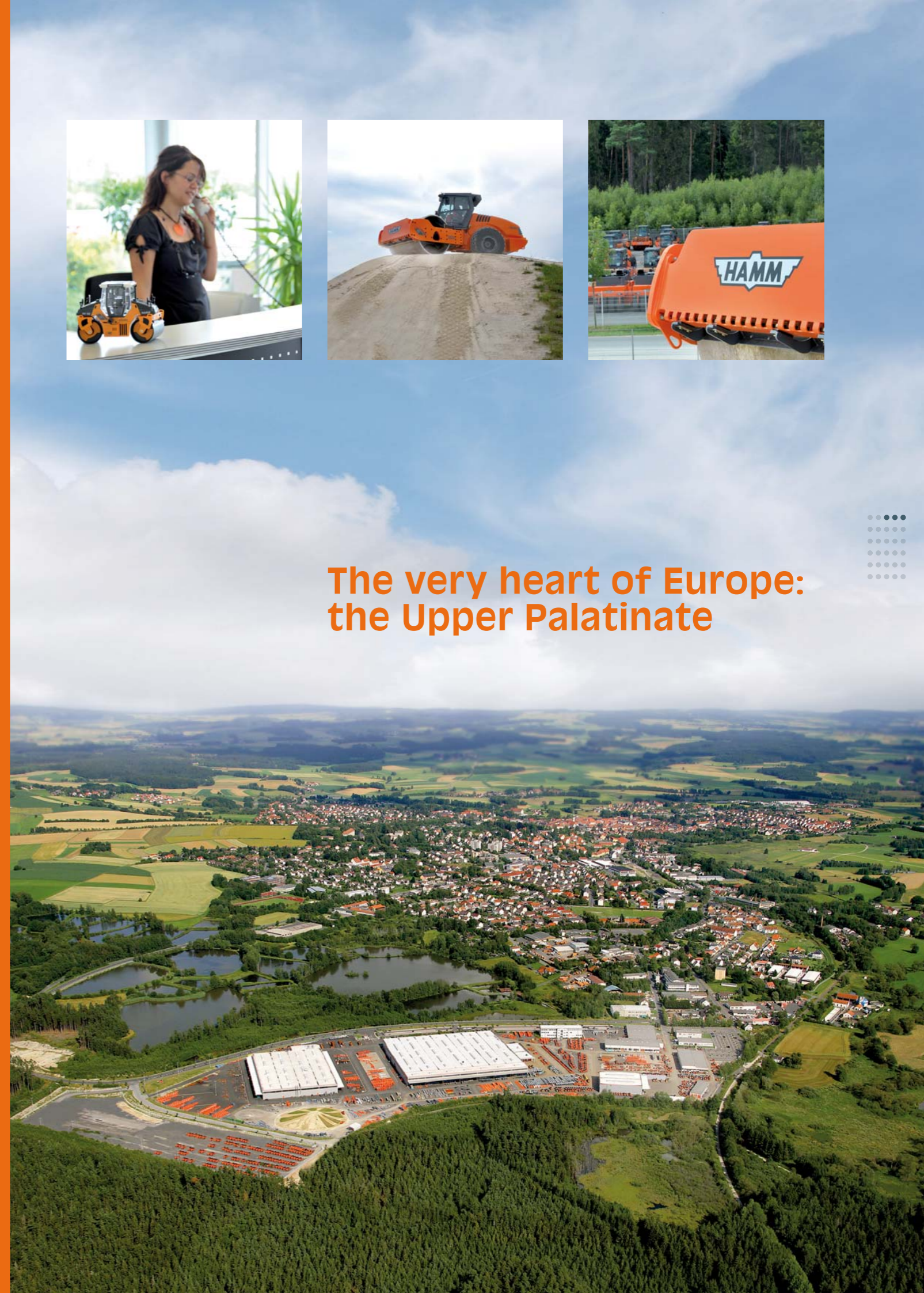


The Upper Palatinate – “Oberpfalz” in German – sits right in the heart of Europe. This region with its charming, pond-studded landscape is where you will find the town of Tirschenreuth, which has been HAMM’s home for over 130 years. With its agreeable blend of tradition and innovation, the Upper Palatinate has produced many technological advances over the years.

The region’s first-class reputation ranges from glassblowing to advanced automotive technology, from iron ore extraction, electronics and electrical engineering all the way to state-of-the-art research facilities in the fields of biotechnology and polymer processing. Of course, it is also home to the world-class rollers from HAMM.



The very heart of Europe: the Upper Palatinate



Mechanics turned inventors: the blueprint for groundbreaking achievements

In 1878, the brothers Franz and Anton Hamm founded the company Maschinenfabrik Gebr. HAMM. In those early days, as pioneers in the dynamic new field of agricultural industrialisation, the two brothers made complete threshing machines.

Bringing new ideas to life with brains and dedicated work

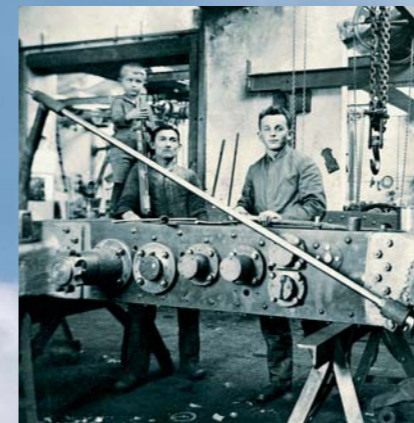


The first "diesel-powered" roller

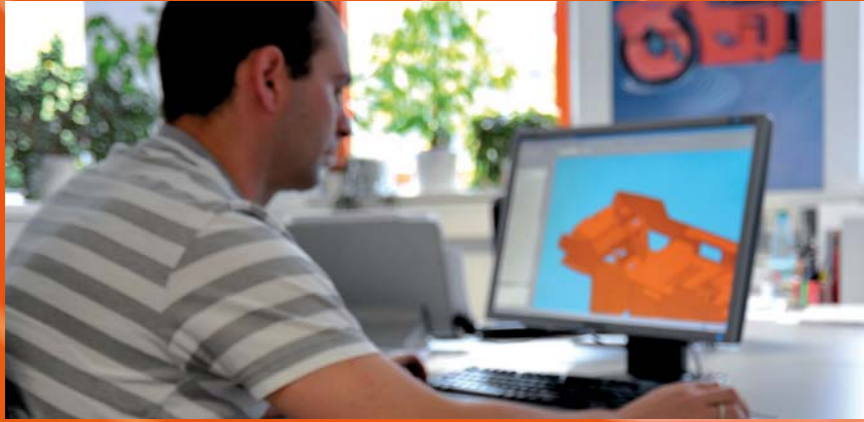
1911 marked an important milestone in HAMM company history: While steamrollers dominated the market, the Hamm brothers designed and built the world's first diesel-powered roller. This was truly a groundbreaking moment in road construction. By the end of the 1920s, Franz and Anton had come to realise that paved roads would become increasingly important in the future, so the company decided to specialise in rollers. It was an opportune decision, and in 1932 the engineers at HAMM had a tremendous innovation patented: the world's first tandem roller with all-wheel drive and steering. This was a fundamental revolution in the design of rollers – a revolution that reverberates in the industry to the present day!

In 1963, the company's engineers and designers unveiled the first rubber-wheeled roller with all-wheel drive and steering to the astonished industry. And in the early 1980s, HAMM perfected and integrated a new and highly efficient technique for dynamic compaction known as "Oscillation", filling the hearts of road builders everywhere with joy!

For decades now, we have been the specialist to turn to for compaction technology on every continent, and we rank among the leading manufacturers of compaction equipment worldwide. Thanks to our integration into the Wirtgen Group, HAMM enjoys an excellent presence with branch offices and dealers around the globe.



Advanced technology is important – but people are the key!



For us, good design means good engineering and vice versa

Functionality is important. But the real key is never to lose sight of the people who use and operate our rollers, day in and day out. This is why all our rollers feature comfortable, ergonomically designed seats and outstanding all-round visibility. Construction machines from HAMM are true winners with their superior productivity, cost-effectiveness and ergonomics.

Design factors also play a key role in our machines: Our rollers are designed with a consistent focus on functionality and ease of use, while we also attach great importance to their aesthetic appearance. As a result, you can always recognise a HAMM machine from afar thanks to its distinct look. No wonder that our designs have won more than a dozen awards to date.



HAMMTRONIC



HAMM
Compaction
Quality



From CAD to FEM

For the development of new machines, our engineers take advantage of extremely powerful CAD systems along with the latest computational and analytical techniques such as the finite element method (FEM). Such computer simulations allow us to reduce our reliance on time-consuming field trials. By combining advanced technology with our many years of experience, intuition and in-depth understanding of compaction processes, we have established a fertile environment for the creation of innovative solutions in road rolling. Notable examples include Oscillation, Hammtronic and HCQ.



At the core is a feat of engineering

Production of key components: the roller drums

It should come as no surprise that roller drums represent the most fundamental component of rollers. HAMM doesn't have to look far to find a high-tech supplier for this important component: HAMM manufactures roller drums for all types of rollers in its very own roller drum production facility, at the beginning of the production chain. With our hydraulic bending machines, welding robots and high-tech paint shop, we set standards in our industry.





Our heavyweights also need the right touch

Pre-assembly holds the key to a perfect finished product

We not only pre-assemble our roller drums in-house, but also our traction, vibratory and oscillation drives. These important components are destined to undergo extreme mechanical stress on an everyday basis, which is why we insist on ensuring top quality down to the smallest itemised part. After all, we want every HAMM roller to live up to its reputation.

The systematic preliminary work that we perform for each roller drum, cabin and engine with hydraulic unit allows us to achieve top quality while maintaining extremely flexible production to meet any special requests from our customers.



Production of highly robust printed circuit boards



HAMM pays particularly close attention to the production of printed circuit boards. Installed in a roller, these sensitive electronic components are subject to enormous stress during any working day. In-house production enables us to make absolutely sure that these crucial components are sufficiently precise and robust to guarantee the best performance over the entire lifespan of the machine.



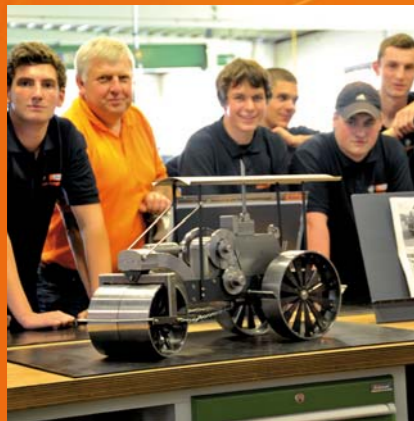


HAMM



Legend:

- ① Roller drum production and spare parts
- ② Canteen
- ③ Assembly hall for large machines
- ④ Test stand
- ⑤ Administration
- ⑥ Compact Line assembly hall
- ⑦ Training centre for apprentices
- ⑧ Sales and service
- ⑨ Training centre
- ⑩ Testing, training
- ⑪ Test stand for long-term tests
- ⑫ Shipping and logistics
- ⑬ Test hill with grandstand





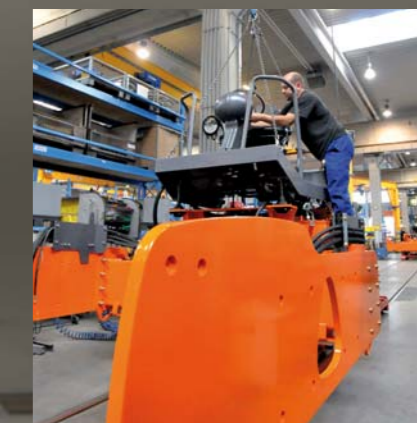
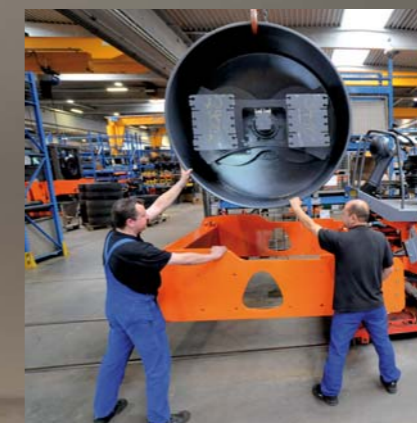
Putting it all together with head, heart and hands



Perfect logistics are crucial in the assembly process

In our spacious, state-of-the-art assembly facilities, our employees build compactors as well as tandem and rubber-wheeled rollers. These machines are put together on an assembly line where itemised parts meet the assemblies from the pre-assembly department. Following ergonomically optimised processes, our employees build the renowned HAMM rollers with top precision, delivering all of the series and special configurations that our customers demand.

Our sophisticated logistics, intelligent warehouse systems and in-depth production planning ensure that the engines, cabins, roller drums, assemblies and itemised parts all arrive on the assembly line "just in time". That's why we like to call our plant the "plant of short production routes".





How to shake up a 25-ton machine

An advanced test facility is at the centre of our plant. All of our rollers undergo final testing there prior to delivery to the customer. Experienced technicians test all of the functions and assemblies using test plans that are matched to the specific machine type. The whole process resembles a pilot's pre-takeoff checklist – except that it's tougher!

Our test checklist includes stress testing of the traction drive on a roller dynamometer, simulation of various load conditions, inspection of the electronic functions, and verification of the vibratory and oscillation drives as well as the steering. Not until all of the functions have passed the relevant tests is the machine cleared for the end stage, in which our employees apply the finishing touches.



Tried and tested HAMM: quality is what we are all about

Quality is the be-all and end-all at HAMM, an ever-present challenge for our entire manufacturing process. Our ISO 9001 certification confirms that we have implemented the relevant control and test processes in all production areas.

In addition, audits in the different production areas allow ongoing verification and enhancement of the quality of our parts and processes. This approach encompasses everything from incoming goods inspection to usage of special airbags to prevent damage to our rollers during transport in overseas containers.

At the centre of our plant: advanced testing

In the service of our customers, over the machine's entire lifespan



We deliver comprehensive service

HAMM rollers are built for continuous usage under tough construction-site conditions. Our service-friendly machines are designed in such a way as to allow our customers to perform all of the maintenance needed over the machine's long lifespan at minimal expense, on their own. Of course, our team of experienced service technicians can also step in to quickly provide competent assistance when required.

Our high-tech warehouse system provides valuable support to our employees in the service department and for spare parts management. This system covers tens of thousands of spare parts, ranging from O-rings to complete transmissions, if the worst comes to the worst. Our smart organisation allows us to guarantee rapid delivery even to customers operating on the other side of the globe.





From school straight onto a 25-ton roller

The product trainers in our training centre regularly bring our branch offices' service teams up-to-date. They use the latest techniques to keep all of our employees on top of the new products and technologies. As a result, we can rely on a top-notch customer service team around the globe that knows what it's talking about.

We also provide specific training to our customers' service technicians. We are happy to do so since these technicians will then go back home and keep our rollers optimally maintained over a long, productive lifespan. Roller operators and construction managers especially appreciate our application technology courses covering, in both theory and practice, how to tap the full potential of our machines.

Our experienced compaction specialists are available for application-specific consulting. For example, they will advise our customers on-site about new construction techniques, and provide support regarding the application of new technologies. They can also assist in configuring the right machine parameters for special jobs.

**Always up-to-date:
our service and sales professionals,
and our operators too!**



We have a passion for training young professionals

For years now, HAMM has worked hard to nurture the next generation of the skilled professionals that the company depends upon. We are passionately committed to turning theory into practice, promoting self-reliance as well as teamwork, and training our young professionals in the best possible way. It's no coincidence that HAMM is highly popular in the region as a company where to complete an apprenticeship. The high level of satisfaction among our apprentices becomes apparent in that many of them continue to work at HAMM after completing their basic training, and often develop into veritable mainstays of the company.

Fit for the future

As part of HAMM's technical and commercial training, we seek to provide our apprentices both with expert knowledge and with the advanced

social skills that young people need to succeed in their careers – anywhere in the world.

Where science meets industry

HAMM is always open to new ideas. This is why we advance young engineers, for instance, by cooperating with universities and providing support for term papers and degree theses: We offer students a place where they can put their theoretical knowledge to practical use, by applying it to our machines on the road. We also keep an open line of communication with various institutions affiliated with European colleges and universities.

Our future depends on tomorrow's skilled professionals





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