ABP INDUCTION
PEOPLE. TECHNOLOGY. SUCCESS.
NEWS
JULY 2026



INSTALLATION IN RECORD TIME
FS40 SYSTEM WITH DIGITAL DICU3 CONTROL AT SOUTH32

BRIDGE BETWEEN CUSTOMERS AND TECHNOLOGY
INTRODUCTION OF ABP PARTNER LAEMPE + FISCHER

PRACTICAL WAYS TO DECARBONIZE
ABP AND H-IRON UNVEIL JOINT PROJECT



Introduction

Dear readers,

We heard it time and again at the major industry conferences this spring: Issues such as decarbonization, digitalization, and global competitiveness pose major challenges for companies – but at the same time, they open up new opportunities for innovation and sustainable growth.

That is exactly why it is important not only to talk about the future, but also to actively help shape it. For us at ABP, people are our top priority. That is why in this issue we take a look at the people behind these developments – colleagues, partners and long-time companions whose commitment, experience and passion shape ABP's success. I am particularly pleased that we have the opportunity to honor Yilmaz Yildir on his service anniversary. His story exemplifies many of the qualities that define ABP: taking responsibility, seizing opportunities, thinking globally and putting people first.

All the best and Glück auf!
Till Schreiter, CEO

With responsibility, freedom and commitment

Yilmaz Yildir on his 25 years at ABP so far and the people who shape the company

From Dortmund to Shanghai, from the first spare parts inquiry to large-scale projects around the globe: Yilmaz Yildir has been shaping ABP Induction for 25 years. In this interview, the Vice President of Service Sales looks back on his early career, recalls some of the challenges he faced, and explains why he remains passionate about his work at ABP to this day.

When Yilmaz Yildir started working at ABP on February 5, 2001, he had no idea it would one day become a quarter of a century. The mechanical engineer had just finished his studies. There was a specific reason why his first day on the job didn't fall at the beginning of the month: Just a few days earlier, he had received his diploma in Aachen.
He still remembers his first day very clearly. "It was bitterly cold. The harbor was completely frozen over," he says He was particularly impressed at the time by the view of the Dortmund harbor from an office in the administrative building. The actual onboarding, however, began in a much more pragmatic way: a colleague simply placed a request from a Turkish customer on his desk – and with it the responsibility for his first task
"That was basically the onboarding," says Yilmaz Yildir today with a smile. Looking back, he sees this as one of the company's defining characteristics. At ABP, taking the initiative has never been just a buzzword. Anyone who wants to take responsibility is given the opportunities to do so. "You're given an incredible amount of freedom here. But you also have to make use of it."
This freedom and willingness to take matters into his own hands have been a constant throughout his entire career. At the same time, he highlights the special sense of camaraderie he has experienced at ABP. "When things get tough or something happens, we pull together even more," he says,



An internal celebration was organized to mark the 25th anniversary of service.

describing the atmosphere at the company. People often use the image of a family – at ABP you come very close to that.
He doesn't think it's a coincidence that many colleagues stay with the company for decades. "Once you come, you'll stay," says the service expert. There is more behind it than just the professional role. What matters most is the social environment, collaboration, and the shared goal of creating something. "There are quite a few colleagues who say: I enjoy coming to work because I spend this time with the people here and work with them on these topics."
Yilmaz Yildir can support younger colleagues at ABP with his experience: "Sometimes younger colleagues face a problem and I say: Hold on, we already dealt with that ten years ago." Then I pull the relevant emails from my archive so we can move closer to the solution.



Yilmaz Yildir: Always engaging in dialogue with colleagues, partners, and customers, pictured here at the most recent GIFA 2023 in Düsseldorf.

Achievement is a source of pride

He is particularly proud of ABP's technical capabilities. Time and again, the company has carried out projects that initially seemed nearly impossible. As an example, he cites a plant built for the customer TISCO in China, which, with a capacity of 42 megawatts, remains one of the most powerful plants ABP has ever built. "You can certainly be proud and say, 'We're the ones who made this happen.'"
For him, the appeal of plant engineering lies in being able to see projects through from the initial idea to the finished plant. "You often find yourself standing in front of an empty space at a client's site and have to imagine how the system will be positioned there later on." That makes it all the more rewarding to return months or years later and see the finished result.
He is particularly passionate about customer service – an area he believes is often underestimated. Because when a system is down, every minute counts. Customers expect fast solutions – regardless of the time of day or the day of the week.
One story in particular has stuck with him: On his wife's birthday, he received an urgent call from a client that evening. A four-ton component was needed to prevent a production shutdown. Within a few hours, the team organized the loading in the middle of the night. "That's my idea of service," says Yildir. The customer's gratitude was immense. Situations like these are just part of everyday life in the service industry But that is precisely what makes his job so appealing. Finding solutions, improvising, taking responsibility, and overcoming challenges together with colleagues. "Sometimes a little chaotic, but always endearing," is how he describes the ABP team. "We always want to keep moving, create things, and truly excel at what we do."
Another aspect that continues to inspire him to this day is the company's international focus. During the interview, Yilmaz Yildir is not in Dortmund, but in Shanghai. ABP's global presence has given him the opportunity to get to know many countries and cultures. "I never would have thought that I'd end up traveling to almost every continent," he says.
For a company of this size, this global network is an extraordinary advantage: "This global setup is truly a huge asset for this company." It not only enables international projects but also personal experiences that go far beyond everyday work life.
After 25 years, Yilmaz Yildir looks back on his time at ABP with great gratitude: on projects that have set new standards worldwide; on client relationships that have grown over decades; and, above all, on the people with whom he has shared this journey.

Induction furnace installed at South32 Hillside in record time

New FS40 system with digital DICU3 control commissioned in just 19 days at South32's South African site.

ABP Induction has successfully demonstrated its ability to deliver highly efficient project execution with the installation of a state-of-the-art FS40 induction furnace system at South32 Hillside. Equipped with digital DICU3 technology, an emergency UPS tilting system and advanced digital functionalities, the solution enhances both safety and process optimization – another milestone in the sustainable transformation of the metals industry. It reflects ABP Induction's commitment to its guiding principle: "Your Partner on the Way to Zero Emission."



The entire facility was successfully completed in just 19 days.

The project was carried out at the globally active mining and metals company South32 Hillside under the leadership of Thinus Mostert, Nikki Wilson, Irfan Yenigelen, Ahmed Rizk and Vitali Herdt. Remarkably, the complete installation was finalized within only 19 days. Several partner companies contributed to this achievement, including MTM Elektries, Sovereign Engineering, SKM Engineering, Philco Systems and Yandisa.

Byron McCall, General Manager of ABP South Africa, expressed his deep appreciation for the outstanding performance of the ABP team and subcontractors. He also commended South32 Hillside's project management team as among the most exceptional project management engineers he has worked with.

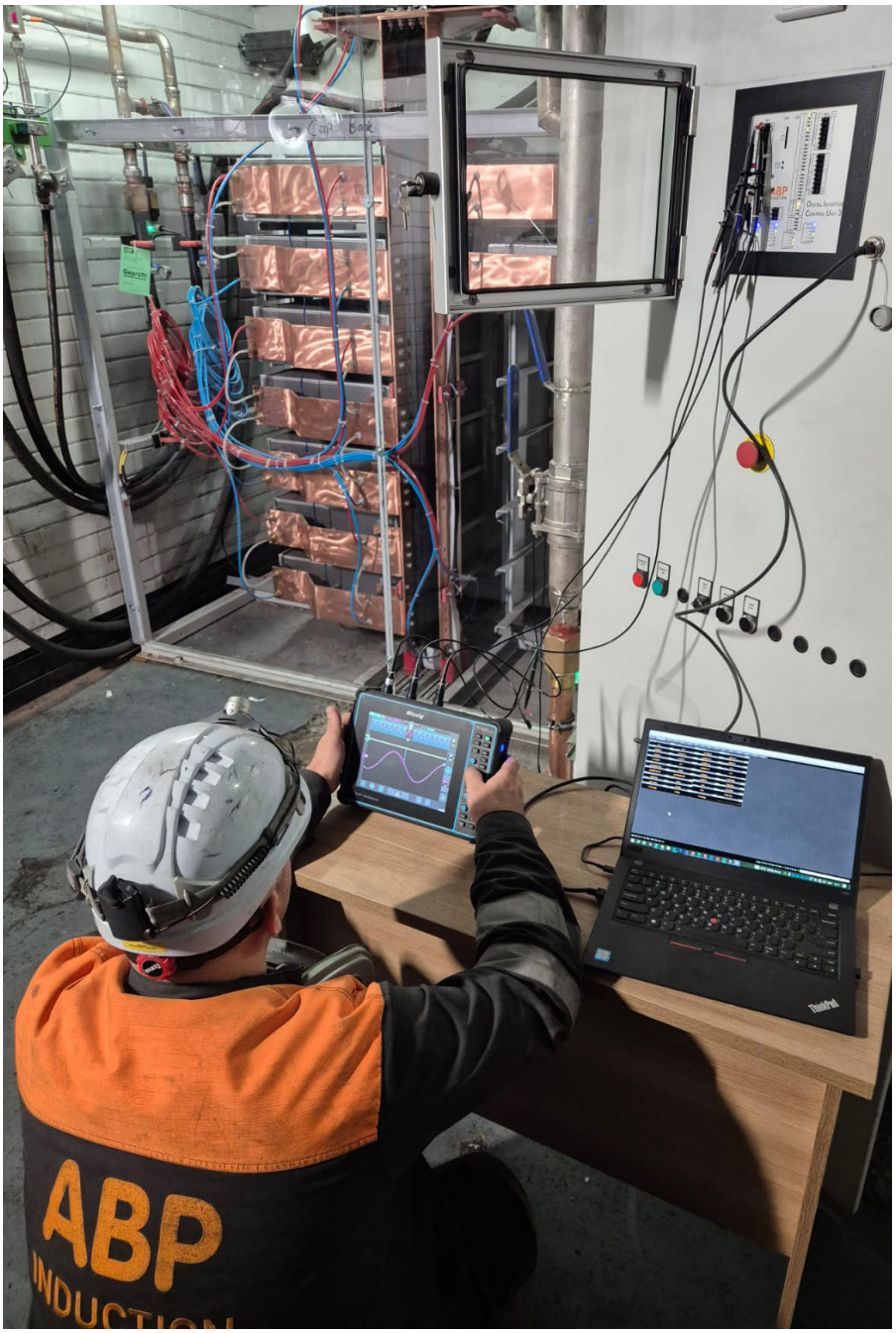
South32 is a diversified mining and metals company that generates value through the production of raw materials used across many areas of modern life. Its operations, growth options and exploration programs span a wide range of commodities and regions. The company's strategic approach aligns closely with ABP Induction's philosophy of supporting industry partners in their transition toward advanced, sustainable and digitalized processes.

At the South African site, ABP Induction installed an FS40 furnace system using the digital DICU3 unit to control the rectifier and inverter, along with an S7-1500 PLC and 22-inch HMI for furnace operation. The Digital Inverter Control Unit serves as the technological core of ABP's thyristor-based melting systems. Compared with its predecessor DICU2, DICU3 represents a

significant technological leap, enabled by a new processor platform and advanced remote-service capabilities. Being fully M2M-ready, DICU3 enables remote troubleshooting, providing a key step toward Industry 4.0 readiness.

In addition, DICU3 offers exceptional operational reliability. Faster and more precise regulation reduces downtime, compensates for construction-related variations in replacement transformers, and stabilizes critical inverter situations more efficiently, protecting semiconductor components from potential damage.

The system installed at South32 also includes a UPS-based emergency tilting system, which significantly outperforms traditional nitrogen-based solutions. The UPS keeps the PLC and DICU3 operational even during power outages, giving operators greater control of the furnace in emergency situations.



Fine-tuning at South32 in South Africa.


The ABP team implemented the measure in what may be a record-breaking time.

The complete technology package improves operational safety while offering advanced features that prepare customers for future-ready processes, particularly in connection with ABP's TWIN-POWER® technology. This allows simultaneous furnace operations: melting in one furnace while sintering or holding in the other. The benefits include increased inverter utilization, reduced maintenance and investment costs, and improved environmental performance. These efficiencies are driven by ABP's PRODAPT® melting processor, which calculates energy demand based on furnace content and ensures optimal energy management for both melting and holding operations.



A bridge-builder between customers and technology

Pierre Risser serves ABP customers in France and North Africa on behalf of Laempe + Fischer

For about a year now, Laempe + Fischer has been representing ABP Induction in France and North Africa. One of the main points of contact for customers in this region is Pierre Risser. The 34-year-old combines technical understanding with close customer engagement and supports projects from the initial inquiry through to commissioning. In this role, he sees himself above all as the link between customers and ABP.

Anyone who talks to Pierre Risser quickly realizes that, for him, the foundry industry is much more than just a line of business. It is a network of people, technologies, and long-term partnerships. As an employee of Laempe + Fischer, he now supports ABP customers in France as well as in North African markets such as Morocco, Algeria and Tunisia – a role that demands deep expertise, strong organizational skills and clear communication.

Laempe + Fischer has been active for many years as a sales partner for well-known companies in the foundry industry. The company, based in Ensisheim in Alsace, between Mulhouse and Colmar near the German border, supports foundries with investment projects and service requests. For about a year now, ABP has also been part of the partner portfolio.

"Our customers are exclusively foundries," explains Pierre Risser. Together with his colleagues, he supports customers throughout the entire project lifecycle: "We handle the business side of things, such as the customer's request for a quote, as well as the implementation – that is, all the way through to commissioning and service."

Laempe + Fischer serves as the local point of contact between customers and the respective manufacturers. Some customers contact ABP directly, while others first get in touch with a sales partner. "Either the customer contacts the supplier directly, or they submit the request to us. Then we pass them on and support the entire process."

His own career began in a technical field. Pierre Risser originally comes from design engineering and toolmaking. Working with 3D CAD systems and technical solutions shaped his entry into professional life. This technical expertise helps him today to understand his clients' needs and work with ABP to develop appropriate solutions.

Alongside his sales work, numerous organizational tasks are also part of his daily routine. Customer appointments, project support, service requests, and translations between the involved partners are fixed components of his work. He places particular importance on working closely with his contacts at ABP. Whether it's new installations, replacement parts, or service requests – regular communication ensures that customers receive prompt and expert support. The size of the area we serve makes the task even more exciting.

The fact that Laempe + Fischer represents exclusively German companies is no coincidence. The various partners complement one another and, together, cover numerous areas of a modern foundry. "The companies are not competing with one another," explains Risser. "In the end, this allows you to cover an entire foundry."

With his technical expertise, his close relationship with customers, and his role as a bridge between cultures and markets, Pierre Risser is helping to further expand ABP's presence in France and North Africa. For customers, he is often the first point of contact on site – and thus an important representative of the partnership between Laempe + Fischer and ABP.



Regular exchange with the ABP colleagues in Dortmund – here with Alexander Keller – is part of Pierre Risser's daily routine.

Steel industry: practical ways to decarbonize

ABP Induction and H-Iron at the European Green Steel Summit 2026

The transformation of the steel industry toward more climate-friendly production is one of the greatest challenges of the coming decades. Interest was correspondingly high at the 4th European Green Steel Summit 2026 in Düsseldorf, where leading steelmakers, technology providers, energy companies, and industry experts exchanged ideas on strategies and solutions for decarbonization. For ABP Induction, the event was an important opportunity to contribute its expertise in the fields of electrification and energy-efficient process solutions to the international professional discourse.



Dr. Marco Rische during the presentation in Düsseldorf.

ABP was represented by Dr.-Ing. Marco Rische, Director of System Business, who, together with partner company H-Iron GmbH, had prepared a technical presentation titled "From Carbon Challenge to Carbon Opportunity: A Practical Path to Decarbonized Steel" – and delivered it on stage.

The presentation focused on the question of how the steel industry can achieve its ambitious climate goals without losing sight of its economic competitiveness. Despite numerous political initiatives and technological developments, practical experience shows that many decarbonization projects are slowed by high investment costs, long approval times or missing infrastructure.

In his presentation, Dr. Marco Rische made it clear that the transformation will not be achieved through a single technology. Rather, a combination of different solutions is needed to sustainably reduce emissions along the entire value chain of steel production.

A key focus of the presentation was the combination of H-Iron's methane pyrolysis technology with ABP Induction's electrification solutions. The technology developed by H-Iron enables the production of hydrogen from methane, resulting in solid carbon instead of CO2. It can then be reused as a recyclable material. This approach is complemented by ABP's inductive heating technologies, which can replace fossil fuels in various thermal processes.

Using specific application examples, Dr. Marco Rische demonstrated how inductive technologies can already be used today in melting, heating, and heat treatment processes, thereby making an important contribution to reducing CO2 emissions. The key message was: Decarbonization doesn't have to wait for the perfect solution of the future. Technologies already available today can help companies gradually reduce emissions while ensuring that their production processes remain cost-effective.

Participation in the European Green Steel Summit was important for ABP – because it underscores the role as a partner to the metallurgical industry in implementing sustainable production concepts. At the same time, the event offered numerous opportunities to network with representatives from leading steel companies, research institutions, and technology partners.

Spreading a sense of forward momentum

ABP is present at the German Foundry Day – with a trade fair booth and on stage

Two intensive days at the German Foundry Day 2026 in Göttingen are behind the ABP Induction team – for the company far more than just an industry gathering. The event was a powerful sign of how closely our industry is coming together right now to tackle the major challenges of the future together.



Representing ABP at the German Foundry Day (from left): Robin Czarnetzki, Michael Cohrs, Yilmaz Yildir, Dr. Marco Rische, Sonja Schlegel, and Albert Miller.

For ABP, it was important to be part of this major event as a sponsor and exhibitor and to engage in direct dialogue with customers, partners, and many familiar faces from the industry. The many open discussions at the ABP booth with decision-makers, foundries and technology partners were especially valuable for the ABP team – focusing on the topics currently shaping our industry: decarbonization, digitalization, skilled-labour shortages, geopolitical changes and rising competitive pressure. The team on site took a lot away from this.

The current topic of digitalization, in particular, has highlighted the potential of intelligent processes and data-driven solutions. The participation of Albert Miller, Global Head of Digital Solutions at ABP, in the panel discussion on the digital transformation of the foundry industry provided important insights and demonstrated that digital transformation is not an end in itself, but rather a key driver of efficiency, productivity, and sustainability in the foundry industry. ABP offers a wide range of products in this area.



Albert Miller on stage at the German Foundry Day during a panel discussion on digitalization in the foundry industry.

Beyond the technical discussions, the ABP team took away one thing above all – the impression of an industry that, despite all challenges, must be ready to actively shape change. Exactly this exchange, this openness and this joint work on solutions make events like the German Foundry Day so valuable.

ABP makes its mark at Metal China

Exchanging Ideas with customers and partners at the industry gathering – welcome remarks on CFA's 40th Anniversary.

ABP Induction was represented at the major Metal China 2026 trade show. At its own booth, ABP experts discussed with the professional audience the key challenges currently shaping the industry. ABP CEO Till Schreiter also delivered a message of congratulations on the 40th anniversary of the China Foundry Association (CFA).



A special moment at Metal China: Till Schreiter opens the trade show together with representatives of the China Foundry Association.

At the opening of the exhibition, CEO Till Schreiter – in his role as a board member of the VDMA Metallurgy Association – spoke about the key transformation topics shaping global metallurgy and foundries today. His speech focused on the need for sustainable industrial strategies, technological innovation, and international cooperation in times of profound change.

In his opening remarks, Till Schreiter congratulated the CFA on the special milestone of its 40th anniversary and highlighted its role as one of the industry's most important organizations. With its strong network, numerous professional events, and leading trade shows such as METAL CHINA, the CFA has been creating platforms for knowledge transfer, innovation, and international cooperation for decades.

He particularly emphasized the close relationship between ABP Induction and the China Foundry Association. Through ABP's long-standing presence in China and the ABP Shanghai location, a trusting cooperation has developed over many years. Regular communication with the CFA and its members makes an important contribution to the industry's continued development.

Looking to the future, Schreiter addressed the major challenges facing the foundry industry worldwide. These include, in particular, the decarbonization of industrial processes, ongoing digitalization, demographic change, and shifts in global value chains.



ABP Vice President of Service Sales Yilmaz Yildir with ABP General Manager Dongyu Fan.

These developments would have a lasting impact on the industry and require new solutions.
Against this backdrop, he reaffirmed ABP's commitment to supporting companies as "Your Partner on the Way to Zero Emission" on their journey toward more sustainable production. At the same time, he praised the CFA's role as a platform that brings together companies, technologies, and people, thereby actively supporting the industry's transformation.
Till Schreiter's message concluded with a clear commitment to continued cooperation. Together with the China Foundry Association and its members, ABP aims to continue working on successfully and sustainably shaping the future of the foundry industry – fully in line with the company mission: "ABP. People. Technology. Success."



ABP CEO Till Schreiter, General Manager Dongyu Fan, and Sales Manager Bei Wang visited CFA's new facility. They were welcomed by Gao Wei, Executive Vice President of the CFA; Cao Linfeng, Deputy Secretary-General of the CFA; and Li Mengmeng and Chen Haikuo, both project managers in the CFA's Exhibition Department.

A Meeting Place for the Iron and Steel Industry

ABP's Presentation and Booth at AISTech 2026 in the U.S.

AISTech 2026 in Pittsburgh is once again proving to be a key gathering place for the global iron and steel industry. ABP Induction was once again part of it this year – with a clear message: the path toward decarbonizing industrial process heat is both technologically feasible and economically viable.

One highlight was the presentation by Dr. Marco Rische, Director of System Business at ABP. He demonstrated how inductive heating and melting technologies can play a central role in the gradual electrification of existing steel production facilities, and explained how combining conventional furnace systems with induction technology in hybrid concepts can unlock new potential.



The ABP team at AISTech 2026.

EcoLine auf der IFEX 2026 im Fokus

ABP Induction's entry-level solution for small businesses is in high demand at an Indian trade show.

ABP Induction was represented by a strong team at the IFEX 2026 trade show at the BEC in Goregaon, Mumbai. The focus was on ABP's solutions for decarbonization and equipment for small foundries in the Indian market, particularly the EcoLine series, which was also showcased at the booth.

The EcoLine system is designed as an introduction to the world of metalworking. For companies, the path to their own production should be as fast, simple and efficient as possible – with an appropriate furnace size, correspondingly low energy consumption and the smallest possible maintenance effort. Among other things, the experts from ABP demonstrated this at IFEX 2026.



Great team effort at IFEX 2026!



The EcoLine in the spotlight.



ABP also provided answers to the megatrends at IFEX.

Former colleagues reunite

The meeting was proposed at the celebration marking ABP's 20th anniversary



A large alumni gathering at the ABP campus in Dortmund: More than 40 alumni didn't want to miss the opportunity to spend a pleasant afternoon together – including a tour of the facility led by CEO Till Schreiter. Over coffee and cake in the ABP cafeteria, many conversations revolved around reminiscing about the "good old days." Many colleagues who are still active also took the opportunity to welcome the alumni and chat with them.

The group consisted of retirees from ABP Induction and ABB Ofenbau. The alumni were so thrilled by the gathering at the ABP's 20th-anniversary summer festival that they wanted to do it again. The management was of course happy to meet this request in the new year.



Recommended reading

A special edition of ABP News is available, covering the history of ABP Induction and its predecessor companies in the field of induction furnace construction, with a focus on Dortmund. The publication "120 Years of Induction Furnace Construction and 95 Years in Dortmund" can be downloaded by clicking on the cover.

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