HEAT PUMPS

ENERGY NEWS

EDITION 02/2024



FAMILY FEST!

A DAY FILLED WITH JOY
AND GOOD COMPANY

AR APP

WE ARE PLEASED TO
PRESENT YOU WITH AN
UPDATE ON THE iDM AR APP

iDM SALES TEAM AUSTRIA

WE ARE PROUD OF OUR DEDICATED
AND SKILLED SALES TEAM

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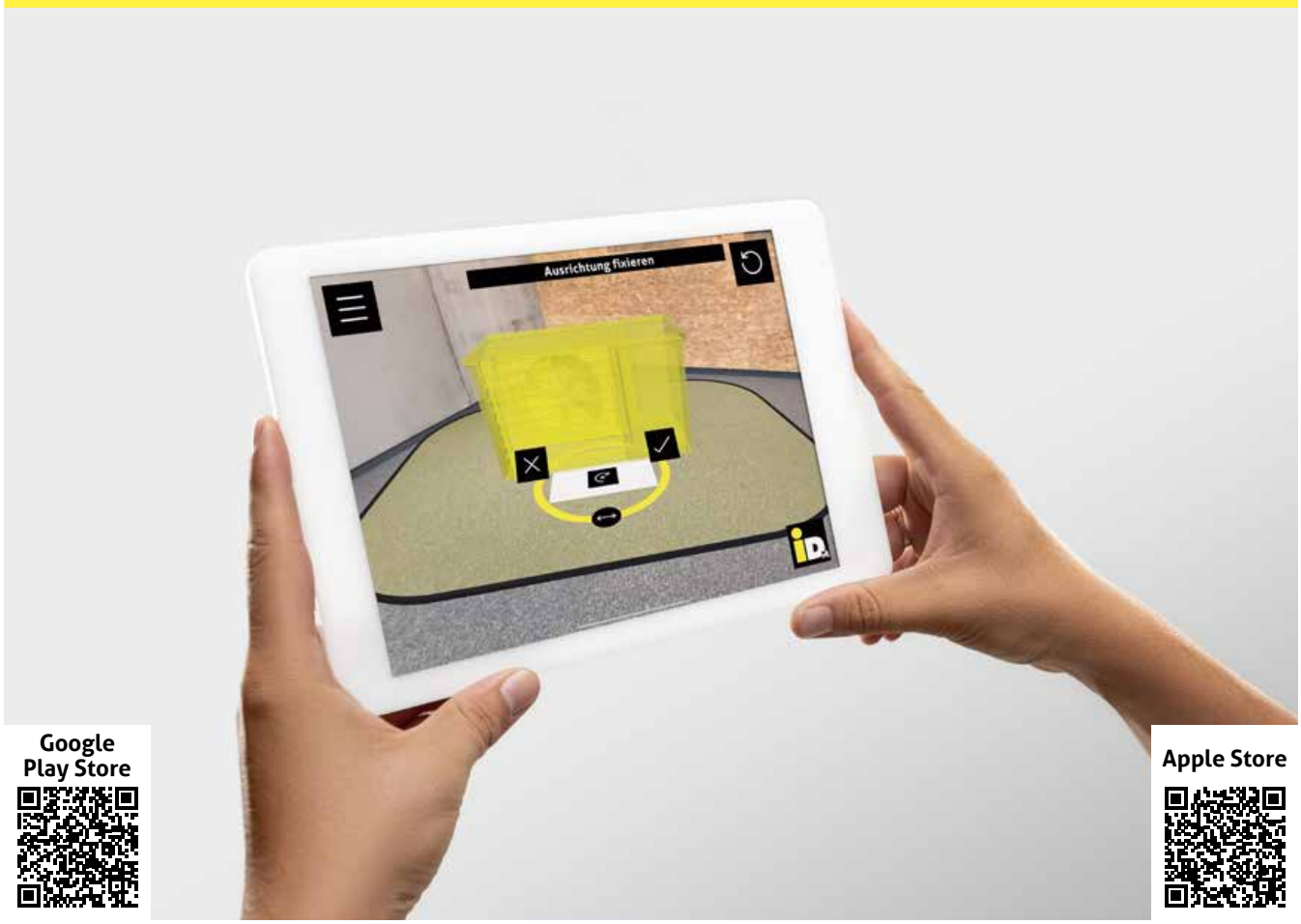
40 features of the iNTELLiGENT iDM Heat Pumps
NOW IN THE IDM AR APP



Google Play Store

Apple Store

We are excited to introduce an update to the iDM AR app. In addition to the existing consultation mode, we have added a new section called "The iNTELLiGENT iDM Heat Pumps." In this section, you will find comprehensive information about the features of the iNTELLiGENT iDM Heat Pump, organized clearly into five categories.

iDM Monitoring:
iDM Monitoring helps to monitor the performance and condition of the heat pump in real-time. With these features, you always have everything in view and can relax.

iDM Navigator:
This feature supports optimal control and navigation through the various functions of the heat pump. With its high-resolution 7" touch display and clear, user-friendly menu, it takes over the complete regulation and monitoring of the iDM Heat Pump.

iDM Connectivity:
The iNTELLiGENT iDM Heat Pump comes equipped with a wealth of useful interfaces. Everything can be conveniently controlled via a central app.

iDM Energy Management:
iDM Energy Management visualizes and optimizes the operation of all connected energy-relevant components.

iDM Cascade Management:
For large systems, multiple heat pumps are often used. The iDM cascade control of the Navigator intelligently networks up to 10 heat pumps within the system and coordinates their operation.

We are confident that these enhancements will make your experience with the iDM AR app even more informative.

Above is a link to download the iDM AR app! Try out the new features and feel free to share your feedback with us!

iVIS

THE iNTELLiGENT PLANT VISUALIZATION.

Monitor – Analyze– Optimize

With iVIS - the intelligent plant visualization - you can monitor, analyze and optimize the operation of your iDM heat pumps. The software is the ideal tool for monitoring plants (industrial buildings, hotels, apartment buildings, ...) for plant operators, building administrators and facility managers. Both individual plants and entire plant parks can be visualized with iVIS. Our web application can be used via an Internet browser on tablets or PCs without additional software installation.



Designed by Graphictwister / Freepik

Monitor

+ the **current plant status** via a **dashboard** with the most important key data and be notified immediately by SMS or email in the event of a fault*
+ the **processes in the hydr aulic system** via an **animated plant scheme or image** with current operating statuses and measured values
+ the **rooms with individual room control** via a **room manager** displaying current operating mode, room temperature, air humidity and optionally air quality

Analyze

+ the **operation** of your plant with the help of **statistics** (operating times, heat quantities and power consumption)
+ the **behavior** of your plant using **trend diagrams** with the chronological progression of temperatures and statuses (pumps, change-over valves, ...)

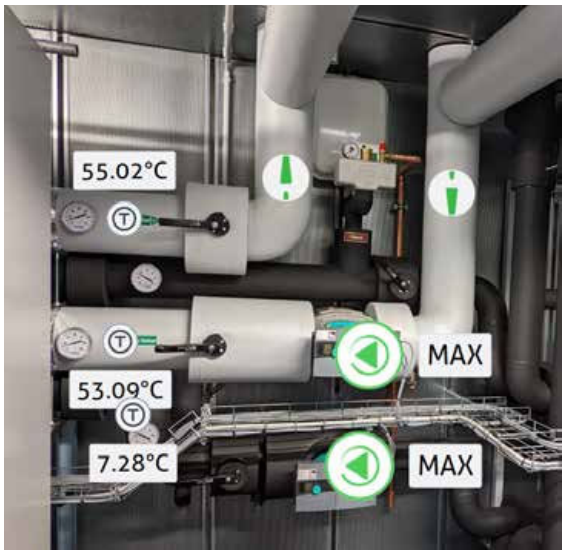
Optimize

+ the **operation** of your plant using the insights gained from analysis by adjusting parameters via the **integrated Navigator remote access**

* Can be activated via myiDM



Plant scheme



Plant image

Additonal Product Features

+ Pan and zoom function in the animated plant scheme or image
+ Possibility to locate data points by switching between plant scheme and image
+ Replay mode with time bar navigation
+ Multiple selection of data points in trend diagrams
+ Display of customer-specific key performance indicators (KPIs)



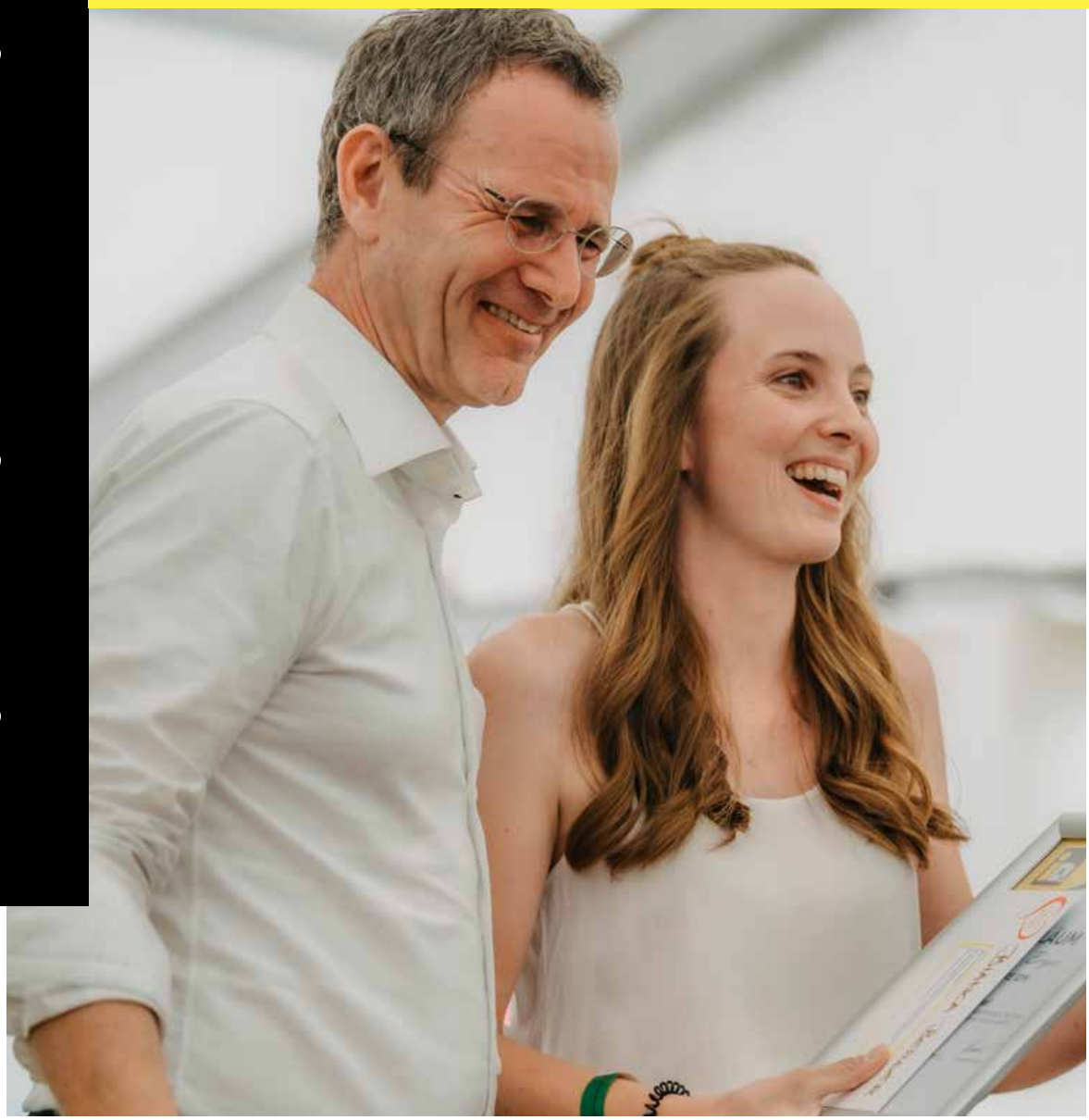
Trenddiagramm

Requirements, Sales and Support

The requirements for the visualization of the plant(s) are an active myiDM account, an online connection to the iDM cloud and Navigator version greater than 2.0. The plant visualization is distributed exclusively by iDM Energiesysteme GmbH. Setup and support are provided by the iDM project sales team (anlagenvisualisierung@idm-energie.at).

Discover more details and visit our website now - **idm-energie.at/en/ivis**

iDM Family Fest 2024
A day full of joy and community



© Photos Silvia Steiner

On June 22, 2024, our iDM location in Matrei hosted the annual iDM Family Festival – this year with over 800 guests.

The penultimate weekend of June saw the return of our annual iDM Family Festival, this time with more than 800 attendees!

After a warm welcome, the event began with a ceremonial speech, followed by awards for our long-serving employees and dedicated apprentices. The musical accompaniment by the band Höllawind and a group from "Kranzeltogmusik" created a lively atmosphere.

Artur and his team provided a range of culinary delights, while Karl once again treated us to his sensational smoked trout.

Entertainment was also well provided for: the area in front of the festival tent was transformed into a large adventure playground. Activities included face painting, bull riding, a giant foosball game, and a laser shooting range – there was something for everyone, young and old, leaving no wishes unfulfilled.

The iDM Family Festival was a great success and was celebrated well into the evening.

We thank everyone who contributed to this fantastic day and are already looking forward to the next celebration together!

















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AUSTRIAN CUSTOMER BOAR



THE FUTURE OF THE iNTELLiGENT iDM HEAT PUMP

In early February, we held our first iDM Customer Board – a groundbreaking event for the future of our iNTELLiGENT iDM Heat Pumps.

Together with 20 selected customers, who represented our diverse Austrian clientele, we had the opportunity in February to discuss the future direction and innovations of our products at the iDM Customer Board. These intensive and valuable discussions allowed us to receive direct feedback and explore new paths together.

In addition to the constructive discussions, the Customer Board also provided space for wonderful experiences in the mountains. The members of our board were able to enjoy the breathtaking winter landscape and relax with activities such as a ski tour and a snowshoe hike. This blend of intense discussions and shared experiences not only strengthened our collaboration but also deepened mutual trust and understanding.

This exchange is of utmost importance to us, as we aim to incorporate our customers' interests and needs more precisely into our future developments. It is crucial for us to learn from the past and integrate the insights gained into the advancement of our innovative heat pumps.

We thank all participants for their valuable contributions and look forward to a successful collaboration within the framework of the iDM Customer Board.

Together, we are shaping the future of the iNTELLiGENT iDM Heat Pumps!

RD



















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OUR iDM SALES TEA

We are pleased to introduce the Austrian sales team in this edition! To help you orient yourselves better, we have included a map showing the areas of responsibility for our sales colleagues. This way, you can quickly and easily find out who is responsible for your region and can provide you with expert advice.

We are proud of our dedicated and skilled team and look forward to supporting you with our comprehensive sales network.

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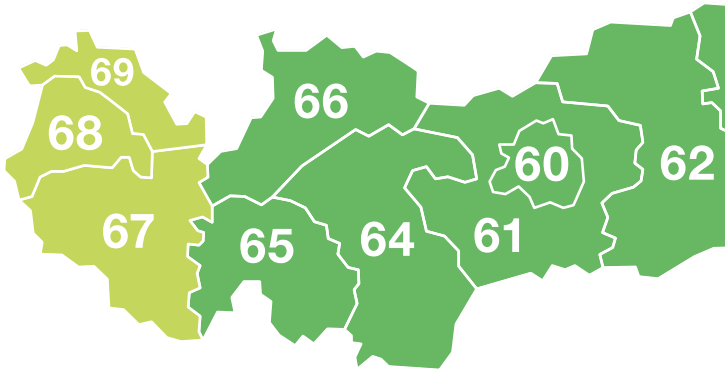

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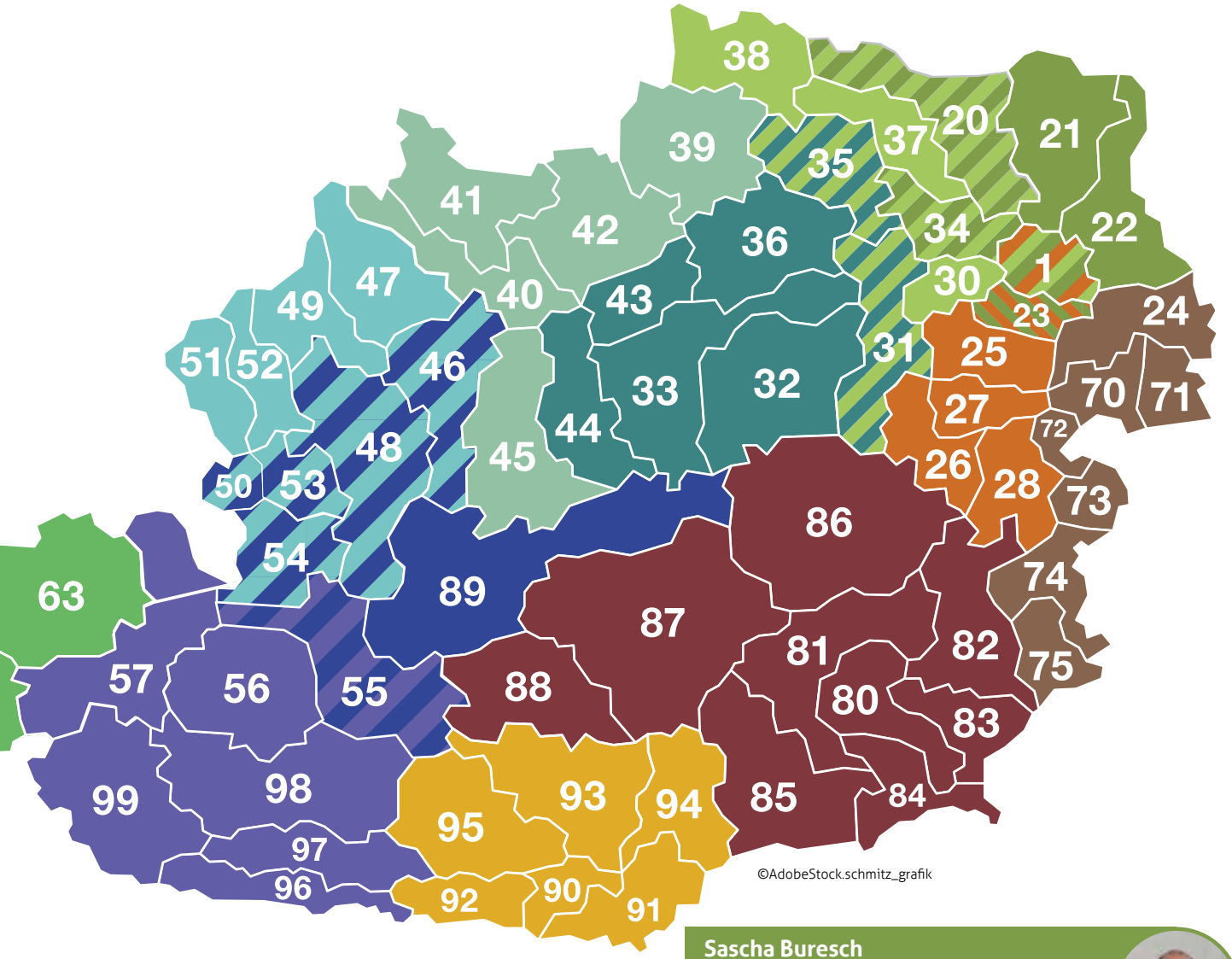
AM IS GROWING!



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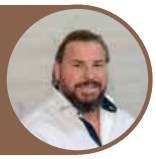



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NEW SUBSIDIES FOR PRIVATE INDIVIDUALS - **WHEN REPLACING RENEWABLE HEATING SYSTEMS!**

Since July **1, 2024**, **federal funding in Austria** has been expanded to include the **replacement of outdated and inefficient heating systems** (heat pumps or wood heating) with **modern and more efficient systems**. Take advantage of this opportunity to replace your old heating system with an **iNTELLiGENT iDM Heat Pump** and benefit from the new funding options.

WHAT IS SUBSIDIZED?

- Replacement of a renewable heating system (heat pump/wood heating) that is at least 15 years old, coupled with an improvement in energy efficiency*.
- The installation must be carried out by a qualified professional according to standards and regulations.
- The subsidy is limited to a maximum of 30% of the eligible investment costs or €5,000 per heating system replacement.

* e.g., increase in COP (Coefficient of Performance). You can find all details in the subsidy guidelines.

SUBSIDY CRITERIA:

- Replacement of an existing heat pump or wood heating system with a renewable heating system.
- A heat pump can only be replaced with a more efficient heat pump.
- No subsidy available if there is a connection option to high-efficiency district or local heating.
- Compliance with EHPA quality seal criteria is required.
- Subsidy reduced by 20% for refrigerants with a GWP (Global Warming Potential) ≥ 1,500; refrigerants must not exceed a GWP of 2,000.
- Maximum supply temperature of the heat delivery system: 55°C.
- For single-family and two-family houses, only heat pumps < 100 kW are eligible.
- Combination with state subsidies is possible.
- Subsidy is available only for private individuals.

Detailed information about the subsidy for "Replacement of Renewable Heating Systems for Private Individuals" can be found here:

On our website, you can find an overview of additional funding opportunities for your iDM heat pump at idm-energie.at/service/foerderungen.



SUCCESSFUL SUMMER CHILDCARE WITH THE iDM ENERGY FAMILY



This summer, the iDM Energy Family launched an exceptional initiative to provide childcare for our employees' children. With a diverse summer program at our Matrei location, we were able to make 20 children happy and offer valuable support to their parents.

Program and Supervision
For the summer program, two experienced childcare professionals from Kinderfreunde Tirol were hired. They cared for 20 children aged 3 to 12 years. The program included numerous activities, mostly conducted outdoors when weather permitted. This not only provided the children with lots of fun but also gave them the opportunity to be physically active and enjoy nature.

Activities
The children had the chance to participate in a variety of outdoor activities that were both creative and educational. These included:

- Hikes and nature explorations
- Games and sports activities
- Creative workshops and craft sessions

Conclusion
The summer childcare program at iDM was a great success and a real benefit for our employees and their families. The positive feedback and happy faces of the children confirmed our commitment to offering similar programs in the future. Through this initiative, we not only supported work-life balance but also strengthened the sense of community within the iDM Energy Family.

Opening ceremony of the Leutershausen location



Opening of the New Service and Training Center in Leutershausen

On May 17, 2024, we celebrated the grand opening of our new Service and Training Center in Leutershausen. The event was a great success and attracted many interested guests.

The afternoon began with tours of the new company facilities. Guests had the opportunity to explore the modern academy rooms, heating training rooms, office spaces for technical inside sales and technical support, as well as the new spare parts logistics center.

Following the tours, all guests gathered in the tent to listen to speeches from the management. These highlighted the history and development of the Leutershausen location, as well as the advantages of the iNTELLiGENT iDM Heat Pump.

A selection of cakes and coffee creations from a coffee bike, along with freshly prepared dishes from a food truck, provided the guests with food and beverages.

The evening concluded with a live music performance. The musical duo Ju+Mi offered a diverse repertoire and invited guests to celebrate and dance.

Overall, the opening ceremony was a great success. We extend our thanks to the entire iDM Germany team, all the additional helpers, and all the guests who made this event so unforgettable.

We now look forward to the future and are excited about additional exciting developments at the Leutershausen location!















iDM IBERIA:
HIGHLIGHTS FROM THE LAST 3 MONTHS

The last quarter has been marked by notable successes and groundbreaking developments for iDM Iberia. Despite ongoing market challenges, the team has made impressive progress with innovation and dedication. Here, we want to revisit some of the standout moments and achievements.



Innovative Renovation Project in Calle Nieremberg in Madrid

Together with Spanish partners Enertres, Envoltermia, and Pull-Energy, a major renovation project on Calle Nieremberg in Madrid was successfully completed. The project aimed to upgrade a residential complex of 108 apartments to cover hot water needs entirely using iDM Heat Pumps and significantly reduce heating energy consumption through a hybrid solution combining iDM Heat Pumps and existing gas boilers.

The use of three iDM ALM 10-24 and three iDM AL 60 MAX air source heat pumps, along with a photovoltaic installation featuring 186 REC Twinpeak 4 panels and Fronius inverters, led to an impressive 79% reduction in gas consumption. This innovative integration now fully covers hot water needs and meets 76% of heating demands, setting a benchmark for sustainable and efficient energy solutions.





A Unique Training Experience
in a country house in Catalonia

Training remains a crucial part of our strategy in Iberia, and providing an exceptional experience for our trainees is essential. This year, iDM Iberia has already trained over 400 industry professionals, including installers and planners. A special training session took place in May in Catalonia, a key region in our market strategy. In Torroella de Montgrí, Amadeo Heine, the regional manager for North-East Spain, organized an exclusive event in collaboration with Catalan partners Nouvolt and AQsol. Experts from the climate and renewable energy sectors had the unique opportunity to explore the advanced capabilities of the iNTELLiGENT iDM Heat Pumps and the innovative Navigator 2.0 Pro control technology. The day concluded with an Argentine asado (a traditional barbecue), which not only delighted guests with its culinary offerings but also strengthened camaraderie in a relaxed and friendly atmosphere.









Participation in the **Fronius System Partner Day**





As an Austrian company, iDM values strong partnerships in the field of renewable energy, as demonstrated in Iberia. Our close collaboration with Fronius and other regional companies highlights how working together can lead to greater achievements. The Fronius System Partner Day exemplified the use of synergies to advance innovative solutions. The day began with an informative presentation on the latest developments in Spain's solar market and Fronius Spain's updates, followed by an inspiring talk from battery manufacturer BYD. iDM Iberia's sales team then had the opportunity to present the synergies between Fronius and iDM solutions (integration of PV systems into the iDM energy manager) to 100 attending installers and heating engineers, discussing how to drive innovation in renewable energy. The day was filled with stimulating conversations and ended with the breaking of wooden boards, symbolizing the overcoming of personal and professional boundaries.

Scan Me! →

Communicative Highlights:
iDM Iberia in dialog with the Industry



In recent months, iDM Iberia has made significant strides in public communication. Two notable interviews underscore the company's progressive vision and commitment to the industry. Beatriz Remartínez, responsible for the Central Zone in Spain, shared her insights with Instal@ficiencia magazine, highlighting the importance of teamwork and the high technological standards of iDM products, particularly the innovative iDM Navigator 2.0 control technology. Viktoria Kolb, Marketing Manager for Iberia, spoke with Interempresas during the I Reconocimiento iClima Awards, an initiative promoting innovation and sustainability in the climate control industry. She emphasized the importance of such initiatives and detailed the customer-focused and energy-efficient orientation of iDM solutions, particularly highlighting the in-house development and production of heat pumps in Austria. These interviews reflect iDM Iberia's continuous effort to remain a leader in developing and implementing innovative and sustainable technologies through active industry engagement and sponsorship of key events. Additionally, iDM Iberia's commitment is underscored by active memberships in numerous associations, including AFEC, CNI, GIBAIX, AGV, and ACLUXEGA. Notably, involvement in an F-gases working group and a heat pump installation guide with AFEC and the provision of a training room at GIBAIX emphasize the company's leading role in training and sustainable development.

Interesting Facts About Spain:

1. Spain is the sixth-largest economy in Europe, with a **GDP** of **USD 1.42 trillion**.
2. The country has a **population** of **48 million**, with the largest cities being the capital **Madrid (3.3 million inhabitants)** and **Barcelona (1.7 million inhabitants)**.
3. The **average temperature** in Spain is **14.2°C**, but it varies by region. During the summer months, average temperatures in many areas **exceed 30°C**, leading to the well-known siesta. The siesta provides a break during the peak heat hours when working becomes less feasible. In rural areas, taking a proper break during midday is still common, while in big cities, work often continues through the afternoon.
4. Football is the most popular sport in the country, with famous teams including **Real Madrid CF**, **FC Barcelona**, and **Atlético Madrid FC**.
5. Spain is also renowned for its diverse landscapes and excellent gastronomy. Spanish top chefs hold a total of **1,228 Michelin stars**, **ranking fifth internationally**.
6. Notable tourist attractions include **Flamenco**, particularly celebrated in the south, and **bullfighting**. While bullfighting is a contentious issue both nationally and internationally, it remains a part of Spanish culture.
7. In 2023, Spain welcomed over **80 million tourists**, showcasing its charm to visitors from around the world.

HEAT PUMPS

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