

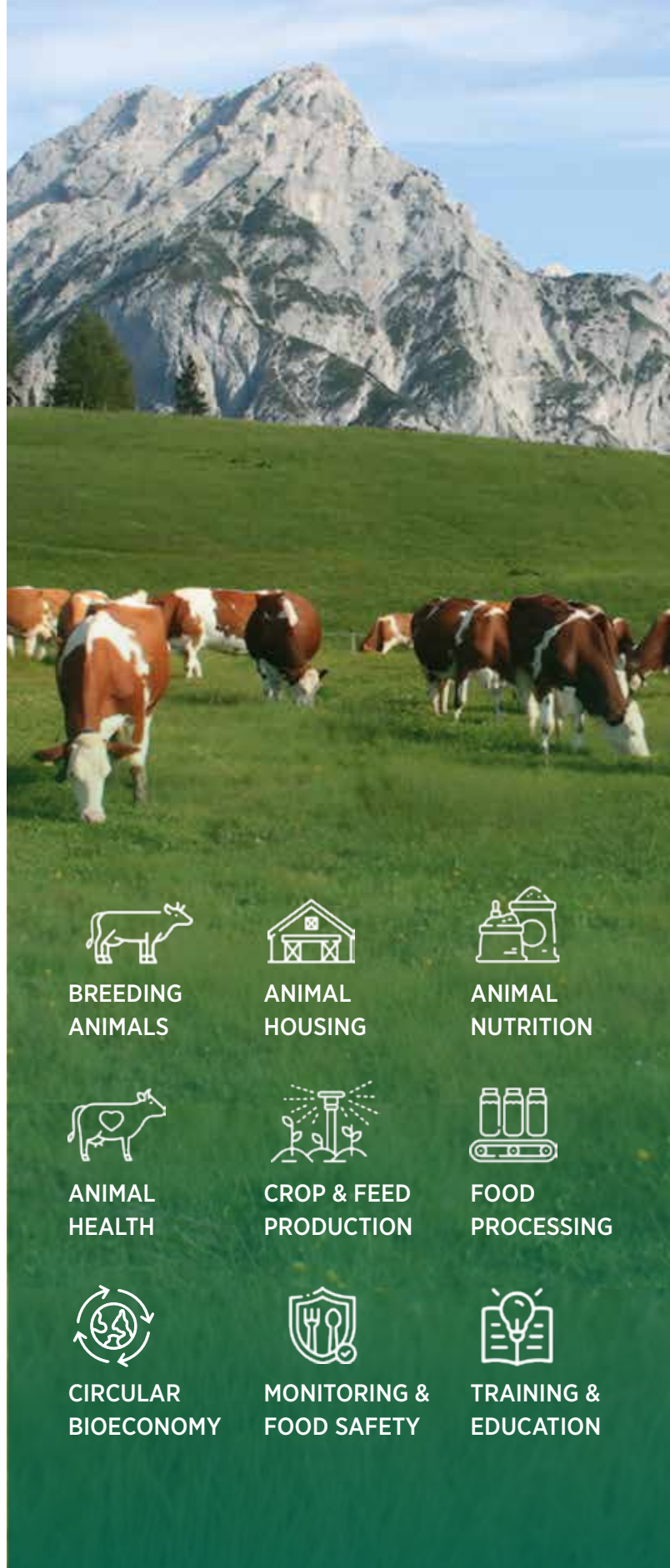


Austrian
Agricultural
Cluster

SUSTAINABLE AGRICULTURE THE AUSTRIAN WAY.

Consulting
Technology
Know-How

www.aac.or.at



BREEDING
ANIMALS



ANIMAL
HOUSING



ANIMAL
NUTRITION



ANIMAL
HEALTH



CROP & FEED
PRODUCTION



FOOD
PROCESSING



CIRCULAR
BIOECONOMY



MONITORING &
FOOD SAFETY



TRAINING &
EDUCATION

Supported by the federal government,
the federal provinces and the European Union

 Federal Ministry
Agriculture and Forestry, Climate
and Environmental Protection,
Regions and Water Management
Republic of Austria

WIR leben Land
Common Agricultural Policy Austria



Co-Funded by the
European Union

Introduction

Smart Agricultural Training Farms

AAC Agribusiness Value Chain

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Welcome Message from the Federal Ministry of Agriculture and Forestry, Climate- and Environmental Protection, Regions and Water Management

In today’s world, the security of supply with food and renewable energy is as important as hardly any other aspect of our society. Accounting for a significant percentage of total Austrian exports, agriculture is a key driver for Austria’s economy. It is vital to ensure the continued success of agriculture and the competitive edge in agricultural trade and services in our globalized world with all its international correlations and dependencies as well as its market-led economy.

Since 1999, the Austrian Agricultural Cluster (AAC) has continuously contributed to these goals. It has brought together the most innovative companies providing technology for agriculture, food processing and renewable energy, and has successfully promoted exports and integration in international markets. In this way, it has become a platform of extensive scientific knowledge and practice-oriented solutions, supporting the transformation of farming through innovative high-quality products and services.

The Federal Ministry of Agriculture and Forestry, Climate- and Environmental Protection, Regions and Water Management has supported the AAC from its foundation within the Export Promotion Programme until today. I am pleased to assure you that we will continue to collaborate and foster these crucial developments toward the innovative and transformative potential in the field of agricultural technologies.



Norbert Totschnig
Federal Minister for Agriculture and Forestry,
Climate- and Environmental Protection, Regions
and Water Management

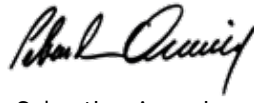
Supported by the federal government, the federal provinces and the European Union

Introduction

Sebastian Auernig

Chairman

The Austrian way in agriculture is regarded internationally as a role model. Commitment to sustainability, as well as mindfulness and respect for animals and the environment, define this approach. The goal of the AAC Austrian Agricultural Cluster is to promote agricultural innovation through high-quality products, services and know-how. International customers benefit from Austria's broad base of knowledge and experience.



Sebastian Auernig



AAC-Video „Nachhaltige Landwirtschaft – der österreichische Weg“



AAC-Video “Sustainable Agriculture - the Austrian Way”



AAC-видео «Устойчивое сельское хозяйство — австрийский путь»

Hermann Wieser

General Manager

Climate change, soil degradation, limited water resources and rising investment costs – together with the availability of well-trained professionals – represent the greatest challenges for the agriculture of the future.

Austria's training and education system for agriculture and food processing is regarded internationally as exemplary. Almost every young farmer who takes over a farm in Austria has completed at least three years of training at an agricultural vocational school. Great emphasis is also placed on adult education, ensuring that new knowledge and smart technologies can be applied effectively and economically on farms.

The **AAC Austrian Agricultural Cluster** brings together Austria's leading animal breeding organizations as well as providers of smart agricultural and food technologies, including training and education institutions, on one cooperation platform. The focus is on **innovative technologies along the value chain for milk and meat production** – in line with the “farm-to-fork” competence approach. We therefore invite our international partners to benefit from our knowledge and to join our training and education programs in collaborative projects. Our guiding principle is: **“For smart farming you need smart people.”** The best investment a country can make in the future of agriculture is education!



Hermann Wieser



Hermann Wieser – VCard

AAC specializes in the planning and development of Smart Agricultural Training Farms based on the Austrian model.

Smart Agricultural Training Farms

provide practice-oriented education for students, farmers and agricultural specialists, while at the same time operating as fully functional agricultural enterprises.

Agricultural College Pyhra: Best practice example and cooperation partner

Agricultural College Pyhra is a best-practice example of a modern agricultural training centre in Austria. The campus combines educational infrastructure with a commercial agricultural enterprise and includes:

- ① School building
- ② Boarding - Internat 150 + 200 boarding places
- ③ School stable with dairy & meat processing
- ④ Commercial dairy farm for 350 cattle
- ⑤ New school stable / “Best practice”



AAC state-of-the-art technologies are demonstrated throughout the didactic farm, dairy and processing units.

Based on this successful model, AAC can develop tailored Smart Agricultural Training Farms for international partners.

AAC Smart Agricultural Training Farms provide hands-on training “from farm to fork” by integrating the latest innovations, technologies, and Austrian know-how.



Benefits

Key impact and benefits for our partners:

- a highly skilled agricultural workforce
- higher quality and efficiency in milk and meat production
- stronger rural regions through value creation and employment
- implementation of sustainable, climate-efficient, and animal-friendly farming practices
- alignment of production systems with international standards for food quality and food safety
- increased competitiveness on international markets and successful exports

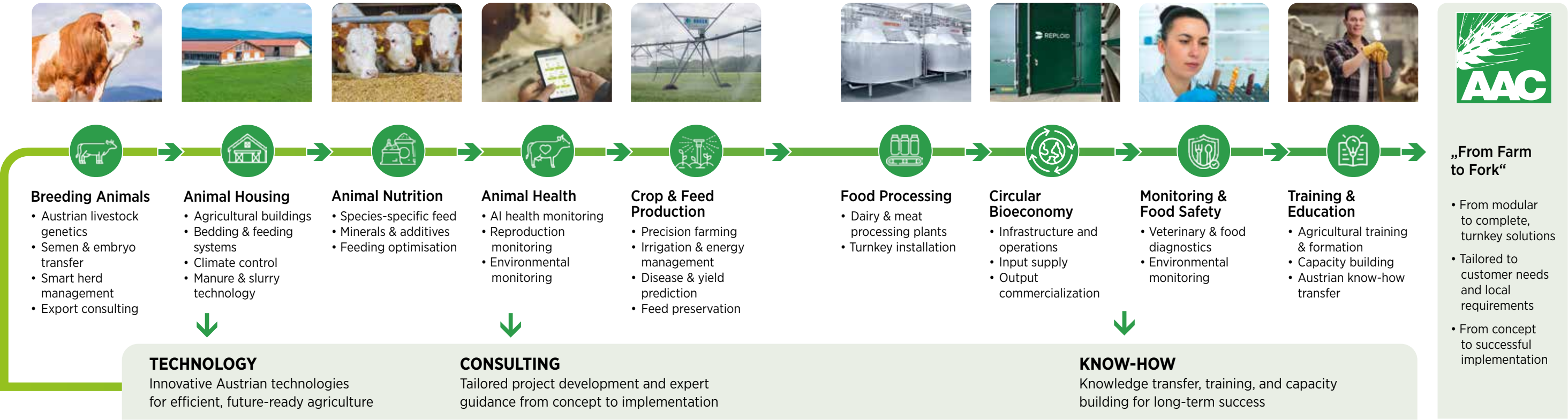
Exemplary AAC Smart Agricultural Training Farm



*Standard capacities 70 | 200 | 500 milking cows
Capacities can be adapted to local needs.

AAC Agribusiness Value Chain

Integrated solutions for sustainable milk & meat production and processing. AAC combines innovation, consulting, and Austrian know-how to strengthen every stage of the value chain.



The AAC Network

A network of 20 leading Austrian companies and organisations representing excellence across the agricultural value chain. Together, we deliver innovative, internationally recognised solutions.



Bridging Austrian agri-expertise with international markets

AAC connects Austrian technology and expertise with agricultural markets across **Southeast Europe**, the **Balkans**, the **South Caucasus** and **Central Asia**.



1_Breeding animals from Austria – Robust, efficient, in global demand

Austria has a long tradition in animal breeding and is internationally recognized for its high-quality genetics. Whether cattle, sheep, goats or pigs – Austrian breeding programs stand for performance, animal health and robustness.

At the heart of this success lies the Fleckvieh breed: representing over 75% of Austria's breeding cows, it uniquely combines milk and meat performance. With more than 8.000 kg of milk per cow, excellent fertility, feed efficiency and longevity, Fleckvieh sets global standards for sustainable, profitable farming.

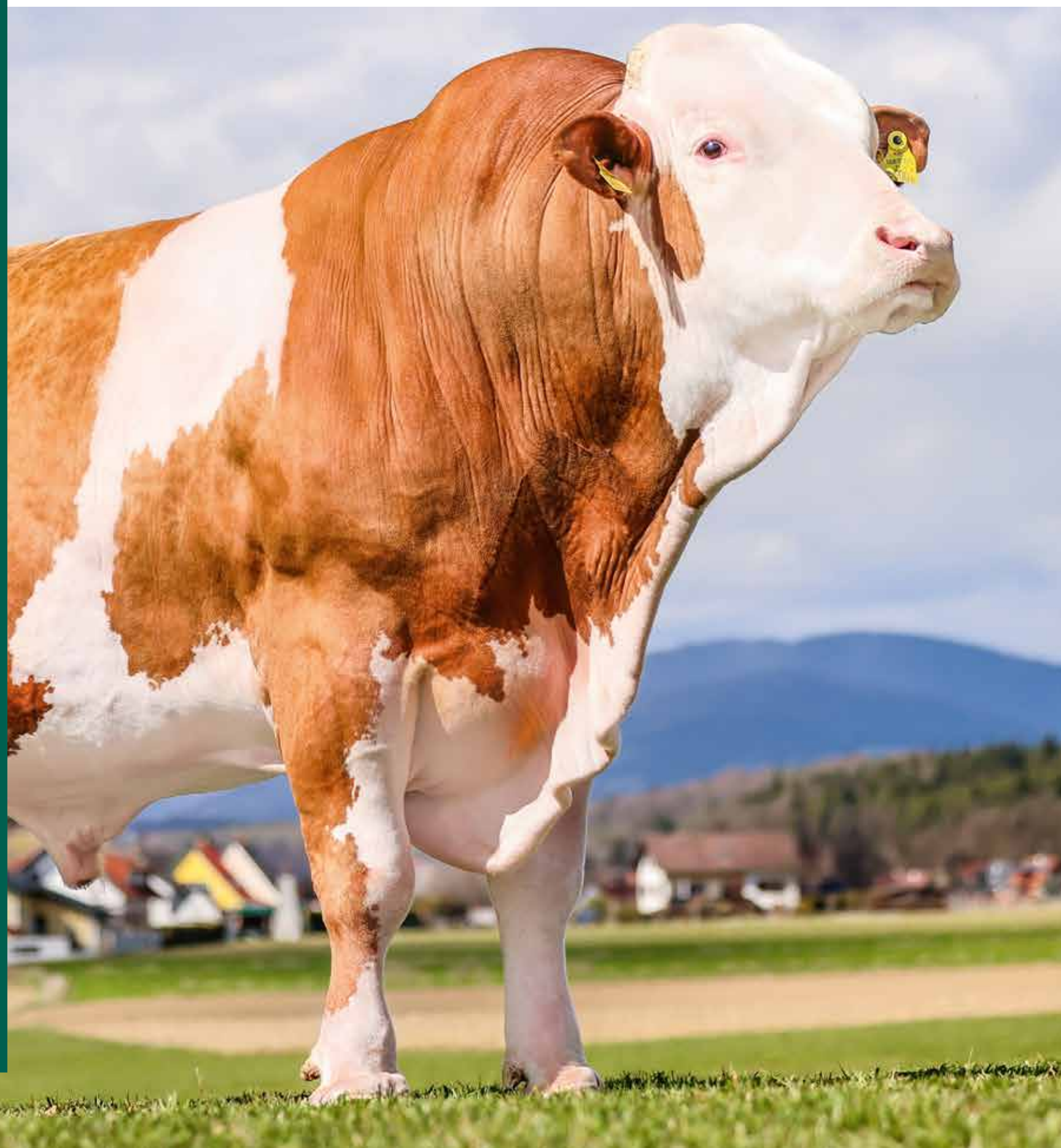
Austria also excels in sheep, goat and pig breeding, using advanced tools such as genomic selection and health trait integration to ensure continuous progress.

Austrian genetics and expertise reach more than 70 countries worldwide – not only through exports of semen and embryos, but also through training, consultancy and longterm partnerships with farmers and organizations abroad.

Our portfolio includes:

- Breeding cattle, sheep, goats and pigs
- Semen and embryo transfer
- Expertise in the export of breeding animals and export consulting
- Project development and management
- Smart Farming solutions for herd management

RINDERZUCHT AUSTRIA
FLECKVIEH AUSTRIA
GENETIC AUSTRIA
ÖBSZ
PIG AUSTRIA





RINDERZUCHT AUSTRIA

CATTLE BREEDERS AUSTRIA is the umbrella organization of Austria’s cattle breeding sector.

- It unites 11 breeding associations
- 8 Chambers of Agriculture
- 8 performance recording organizations
- 6 artificial insemination centers
- 6 breed working groups

Austria’s main breeds include Fleckvieh, Brown Swiss, Holstein Friesian, Pinzgauer and Tyrolean Grey, complemented by specialized beef breeds. With over 110 years of breeding experience and more than 50 years as a national organization, RINDERZUCHT AUSTRIA represents around 20.000 breeders and over 400.000 herdbook cows. More than 20.000 breeding cattle are exported annually. Beyond livestock exports, RINDERZUCHT AUSTRIA provides comprehensive training and capacity-building programs.

AUSTRIAN FLECKVIEH –
the worldwide perfect balance of milk and beef performance



TYROLEAN GREY –
robust mountain breed with strong fertility and dual-purpose performance



BROWN SWISS –
Longevity, strength and outstanding milk quality



PINZGAUER –
robust Austrian breed adapted to alpine and lowland conditions





FLECKVIEH AUSTRIA

Fleckvieh Austria is the nationwide umbrella organization of Austrian Simmental-Fleckvieh breeding. It represents the member associations, coordinates the national breeding program and ensures continuous genetic progress through modern evaluation systems.

At its core stands Fleckvieh, the world’s leading dual-purpose breed, combining high milk performance with strong beef traits. Fleckvieh Austria promotes education, knowledge transfer and international cooperation, strengthening the global position of Austrian Fleckvieh as a premium breeding brand.

AUSTRIAN FLECKVIEH –
The worldwide perfect balance of milk and beef performance



FLECKVIEH CHANGES – How does Austrian Fleckvieh shape the future of sustainable cattle farming?

Exceptional milk and meat quality:

Above-average fat and protein content in milk combined with outstanding beef quality – Austria ranks among Europe’s leaders in raw milk quality

Maximum resource efficiency through dual-purpose use:

High-quality feed is utilized in a balanced way, reducing methane emissions

Excellent resilience and adaptability:

Performs reliably across diverse climates, management systems and feeding conditions

Outstanding fertility:

Proven performance even under extreme conditions

Excellent health:

A robust breed with strong resistance to mastitis and other common diseases

Animal welfare at its best:

Many of Fleckvieh’s “fitness traits” directly contribute to animal well-being

Versatile genetics:

Beyond its dual-purpose strengths, Fleckvieh genetics are equally valuable in pure suckler cow systems

Enormous genetic potential:

Continuous breeding progress ensures lasting success for future generations



FLECKVIEH CHANGES –
The sustainable revolution in cattle breeding



GENETIC AUSTRIA

geneticAUSTRIA Ltd is the joint platform of Austria’s cattle insemination centers in cooperation with the breeding associations of Fleckvieh, Brown Swiss, Pinzgauer, Tyrolean Grey and specialized beef breeds.

The company exports semen, embryos and breeding cattle to more than 70 countries across all five continents. Its insemination stations provide a broad selection of proven and genomic bulls from various breeds, genetically polled bulls, SpermVital semen with extended lifespan, and sexed semen produced in the GenetiX Austria laboratory - ensuring optimal insemination results and high reproductive efficiency.

geneticAUSTRIA also provides consulting and project management for the development of sustainable cattle breeding structures. Long-term partnerships and technical expertise support the successful implementation of breeding programs worldwide.



Upper Austrian Artificial Insemination Station



Processing and quality control of semen from breeding bulls



Milk performance testing

Milk & Meat Performance Testing in Austria

Austria has one of the most advanced systems for milk and meat performance testing in Europe. More than 90% of dairy and dual-purpose cows are integrated into official recording schemes, providing reliable data on milk yield, fat and protein content, as well as functional traits such as fertility, longevity and udder health.

In beef production, systematic testing ensures accurate documentation of growth rates, carcass quality and feed efficiency. These results form the backbone of Austria’s breeding programs, enabling precise genetic evaluations and continuous progress.



Sexed semen produced in the GenetiX Austria laboratory



Genetically polled Fleckvieh bulls



ÖBSZ

ÖBSZ - the Austrian Federal Association for Sheep and Goats - is the central umbrella organization of Austria's sheep and goat sector.

Members include the 10 regional breeding associations, the Chambers of Agriculture of the federal states and the Austrian Sheep and Goat Exchange.

The association coordinates the interests of the regional organizations and supervises the national breeding programmes. Austrian breeding sheep and goats meet the highest standards of animal health and genetic quality.

ÖBSZ organizes the professional export of breeding animals and provides structured follow-up support. Consulting, project management and training programmes support the development of sustainable breeding structures in international markets.



MERINO SHEEP –
superior wool quality and strong adaptability



TYROLEAN MOUNTAIN SHEEP –
fertile, resilient dual-purpose breed for alpine conditions



ALPINE SAANEN TOGGENBURGER

SAANEN GOAT –
high milk performance with excellent udder quality and feed efficiency



ALPINE GOAT –
robust dairy breed with strong milk yield and mountain adaptability





PIG AUSTRIA

PIG Austria is the national platform for pig genetics and breeding in Austria. It integrates regional insemination stations and breeding associations into one coordinated structure.

Comprehensive data from the entire production chain – unique in Europe – forms the basis for precise genetic programmes and continuous progress. The result is a competitive, market-oriented product for modern pig production.

Highest standards of animal health and semen quality are ensured through external quality monitoring.

PIG Austria provides professional export of breeding pigs and genetics, complemented by consulting, technical support and efficient logistics.



PIETRAIN –
the premium meat-type pig breed known for exceptional muscling and lean meat quality



LARGE WHITE –
strong, fertile and efficient breed known for rapid growth, high carcass yield and excellent adaptability

LANDRACE –
highly productive sow line known for excellent fertility, strong maternal instincts and efficient meat production



FORTUNA –
highly fertile and stable hybrid sows derived from a cross between Yorkshire and Landrace, used for economic pig production



DUROC –
sire breed when strong, robust fatteners with convincing meat quality are required

Austria's animal breeding combines tradition and high technology. Proven breeds, forward-looking breeding goals and a consistent focus on quality make Austrian genetics a trusted partner in global markets.

For further information, please contact:
office@aac.or.at

2_Animal housing & farm technology – Made in Austria

Austria has developed a strong reputation for combining tradition, engineering excellence and innovation in agricultural construction and farm technology.

Modern farm buildings and systems are designed to maximize efficiency, while safeguarding animal welfare and reducing environmental impact.

WOLF SYSTEMBAU
SCHAUER AGROTRONIC
BAUER





WOLF SYSTEMBAU

Farm buildings and concrete tanks

The WOLF Group is the leading and reliable partner with an unmatched reputation in farming, trade and industry construction and as a builder of high-quality prefabricated housing.

The use of timber, steel and concrete plus carefully thought-out material combinations are the basis on which the WOLF Group provides remarkably economic building solutions, individually tailored to customer requirements.

Our portfolio includes:

- Cattle stalls, poultry houses, stables
- Machinery and equipment stalls
- Industrial buildings (e.g. sports and leisure buildings, municipality buildings)
- Warehouses, logistics buildings
- Foundation engineering and construction
- Halls for bioenergy and photovoltaic plants
- Concrete tanks and silos
- Nailplates

Circular storage tanks for slurry and wastewater management in modern livestock operations



Biogas facility – slurry management and energy recovery for sustainable farms



Thermally insulated dairy barn designed for functionality, efficiency and durability



Automated rotary milking parlour for high throughput, precision and animal comfort





SCHAUER AGROTRONIC

Innovative animal housing and feeding technology

Schauer Agrotronic specializes in advanced systems for cattle, pigs, horses, sheep and goats feeding and housing. The company focuses on solutions that combine animal welfare with economic efficiency - equally important for modern farming. With decades of experience, Schauer Agrotronic develops “Perfect Farming Systems”.

Our portfolio includes:

- **Automated systems for manure removal and hygiene technology** (e.g. manure removal robots, feed pushers)
- **Barn equipment and facilities for cattle, pigs, horses, sheep and goats** (lying stalls, bedding systems, pens and walking areas for improved comfort and health)
- **Climate, air, and ventilation technology for fresh air supply, odors and dust reduction** (e.g. via air cleaners) **as well as temperature and humidity control**
- **Automation & management software from feeding and manure removal to climate control**



Flexible system for multi-phase feeding



Mobile-controlled automated feed pusher



Automated manure scraper robot



Robust, animal-friendly equipment for housing cattle and pigs

Automated bedding system





BAUER

Slurry management solutions

For more than 95 years, the BAUER Group stands for holistic solutions in slurry management and irrigation – efficient, sustainable and future-oriented.

Around 800 employees at 17 locations worldwide develop reliable, high-quality machines with passion and technical excellence.

Our portfolio includes:

- Slurry tankers
- Self-propelled technology
- Separators
- Agitation technology
- Pumping technology
- Bauer Bedding Unit BBU – an innovative concept that transforms undigested fibers (feed residues in slurry) into hygienic organic bedding material

LUPUSline polyester slurry tankers – lightweight, robust and highly resistant to corrosion



CERVUSline steel slurry tankers for efficient, reliable manure application and outstanding operational versatility



Submersible motor stirrer MSXH – optimal liquid homogenization for agriculture, biogas and wastewater applications

Self-propelled slurry tankers – high performance slurry application over large areas within narrow timeframes



Slurry separation – reduced waste volume, easier handling, efficient resource recovery

HelixDrive eccentric screw pump – electrically driven solution for stationary use in agriculture and industry, suitable for liquid manure, sewage sludge and molasses



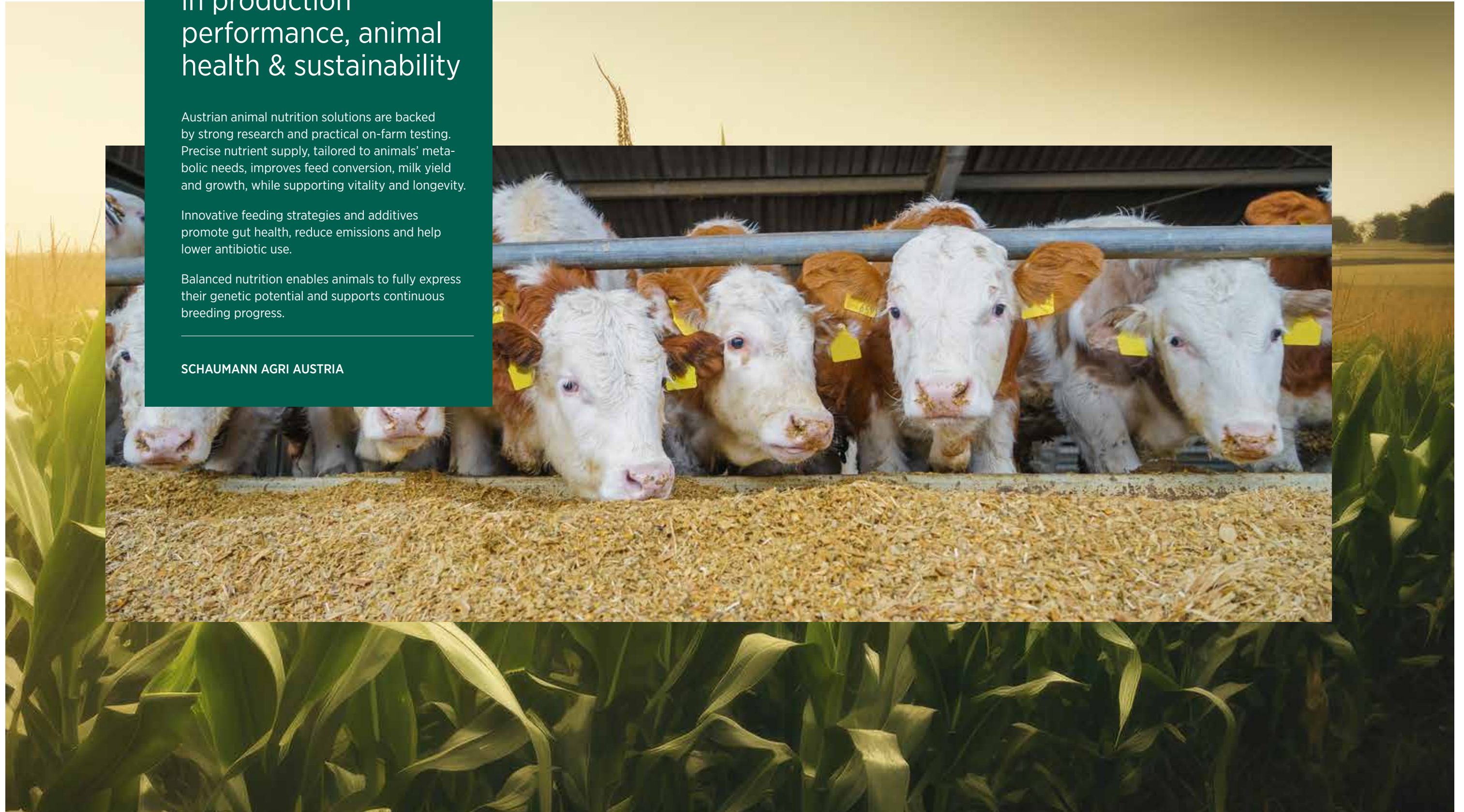
3_Animal nutrition – Austrian expertise in production performance, animal health & sustainability

Austrian animal nutrition solutions are backed by strong research and practical on-farm testing. Precise nutrient supply, tailored to animals' metabolic needs, improves feed conversion, milk yield and growth, while supporting vitality and longevity.

Innovative feeding strategies and additives promote gut health, reduce emissions and help lower antibiotic use.

Balanced nutrition enables animals to fully express their genetic potential and supports continuous breeding progress.

SCHAUMANN AGRI AUSTRIA





SCHAUMANN AGRI AUSTRIA

Animal nutrition and silage additives

SCHAUMANN is one of the leading specialists in minerals, active ingredients, and silage additives for animal nutrition in more than 40 countries. This global activity continuously generates new impulses for innovative research and development. For over 85 years, we have combined advanced research with hands-on expertise to deliver sustainable, high-performance solutions tailored to farmers' needs worldwide.

Innovation at SCHAUMANN also drives upstream agricultural processes. With forward-looking concepts such as algae-based bio-stimulants, we enhance and secure farmers' crop yields and roughage quality. These solutions help crops maximize their growth potential and strengthen resilience against stress factors such as climate variability and soil differences.

At SCHAUMANN, we create targeted solutions for diverse regions, climates, and production systems. Our goal is clear: to help farmers worldwide achieve long-term productivity, sustainability, and long-lasting success through reliable, forward-thinking innovations – today and in the future.



Gut Hülseberg, Germany –
SCHAUMANN Research Farm

Our portfolio includes:

- **Animal-specific feed for cattle, pigs, poultry, sheep & goats:** mineral feed, mineral licks, milk replacers, energy supplements, TMR enhancers, preservatives, reproductive and health supplements, etc.
- **Active ingredients & minerals:** probiotics, acids, trace elements, and digestion-enhancing additives, etc.
- **Feed hygiene products**
- **Silage preservation products**
- **Biostimulants**

Special active ingredients:



Feed assessment on the farm: our products and expert consultants ensure animals stay healthy and productive



For over 25 years, bonsilage has been a benchmark in silage solutions



Biostimulant boncrop with our expert on-site consulting for optimal application to enhance and secure your crop yield



In addition to high-quality products, SCHAUMANN offers professional services:

- On-site farm consulting, herd and feed assessments
- Development of customized feeding concepts
- Professional support available at any time



Consulting on the field for best silage preservation with Bonsilage



Assessing corn silage with the Schaumann consultant on the farm

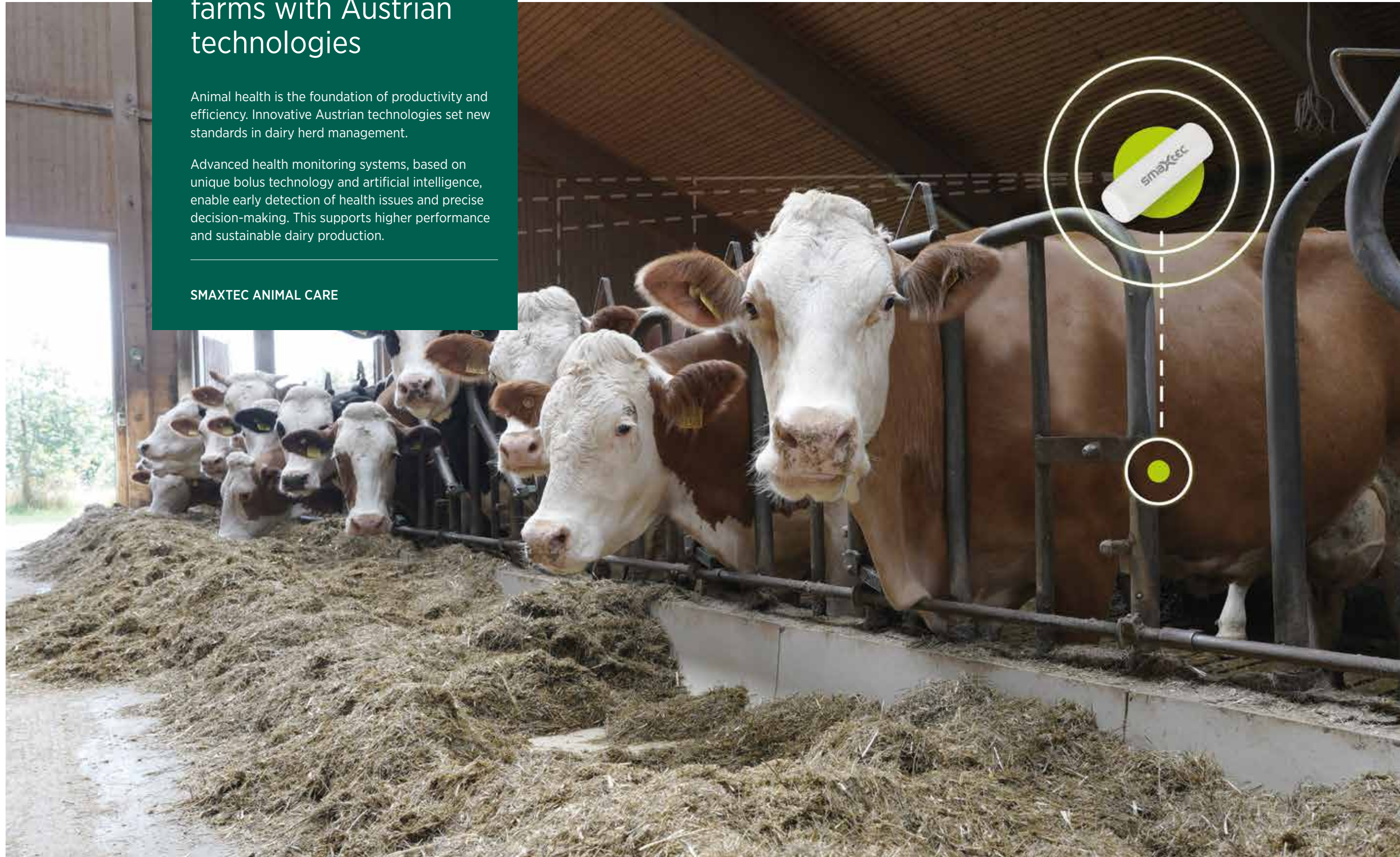
4_Animal health – Futureproofing dairy farms with Austrian technologies

Animal health is the foundation of productivity and efficiency. Innovative Austrian technologies set new standards in dairy herd management.

Advanced health monitoring systems, based on unique bolus technology and artificial intelligence, enable early detection of health issues and precise decision-making. This supports higher performance and sustainable dairy production.

SMAXTEC ANIMAL CARE

smaxtec





smaXtec animal care

Health management system for dairy cows

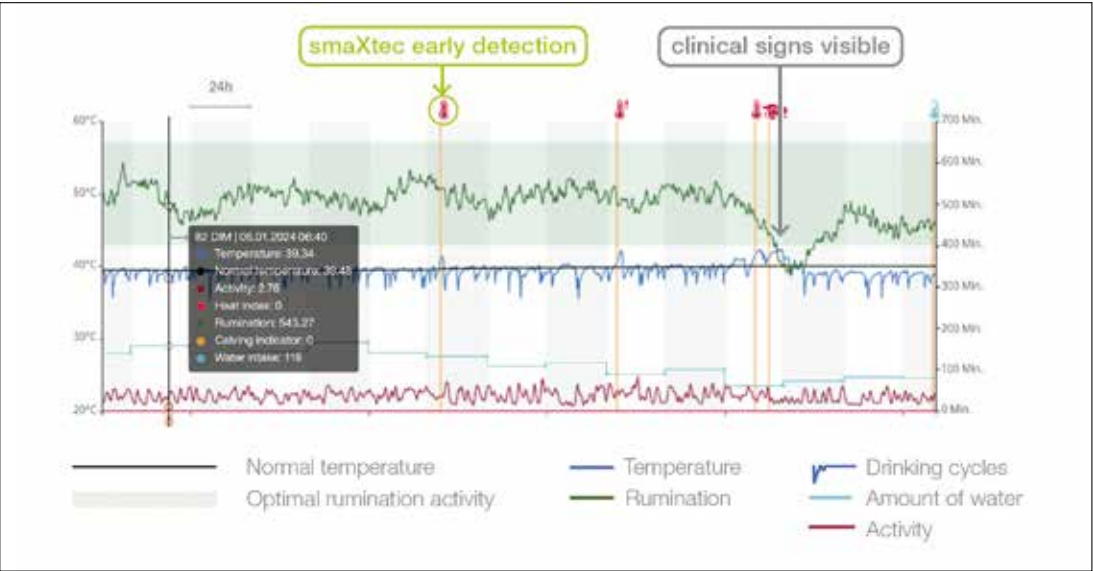
smaXtec animal care is a flagship Austrian high-tech company specializing in smart health monitoring solutions for dairy cows.

The smaXtec health system is based on innovative bolus technology and artificial intelligence. Placed in the cow's reticulum, the bolus continuously measures internal parameters with unmatched precision. The data is analyzed in real time – empowering farmers to take the right action at exactly the right time.



Easy to use, safe and completely maintenance free

Individual animal parameters, highly precise



KEY ADVANTAGES

Herd health

- **Earliest possible disease detection by measurement of**
 - internal body temperature ($\pm 0.01\text{ }^{\circ}\text{C}$)
 - water intake and drinking cycles
 - rumination via reticulum contractions
 - Activity
- **AI-powered disease indication**

Reproduction

- **Reliable heat detection and insemination window**
- **Calving detection on average 15 hours in advance**
- **Abort detection & identification of fertility problems**

Feeding Management

- **Feeding tool with ration groups**
- **Detection of feeding errors and potentials**
- **Optional: pH value measurement for targeted feeding optimisation**

EASY TO USE

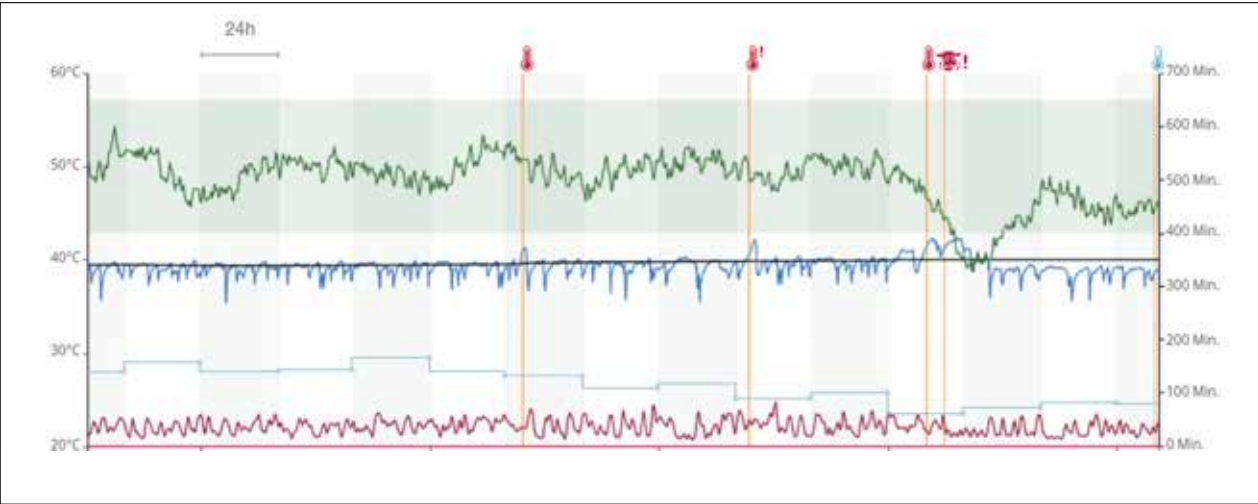
- Plug & play technology, completely maintenance-free
- Cloud-based access anytime, anywhere
- Most precise data at your fingertips – accessible via App and browser-based software
- Integration with herd management programmes for seamless data exchange AI-driven insights from millions of data points worldwide
- Digital assistant delivers automatic reports, practical lists, clear action recommendations
- Personalised, intuitive, and tailored to every farm
- Premium customer support, comprehensive training and farm consultancy

PROVEN BENEFITS

- More profitability, higher milk yield and significant cost savings
- Healthier herds, reduced antibiotic use, greater longevity
- Improved reproduction KPIs and fertility
- Easier calvings and better insemination indexImproved efficiency, reduced workload and less stress
- Higher animal welfare and sustainable milk production



Clear, structured insights for decision-making together



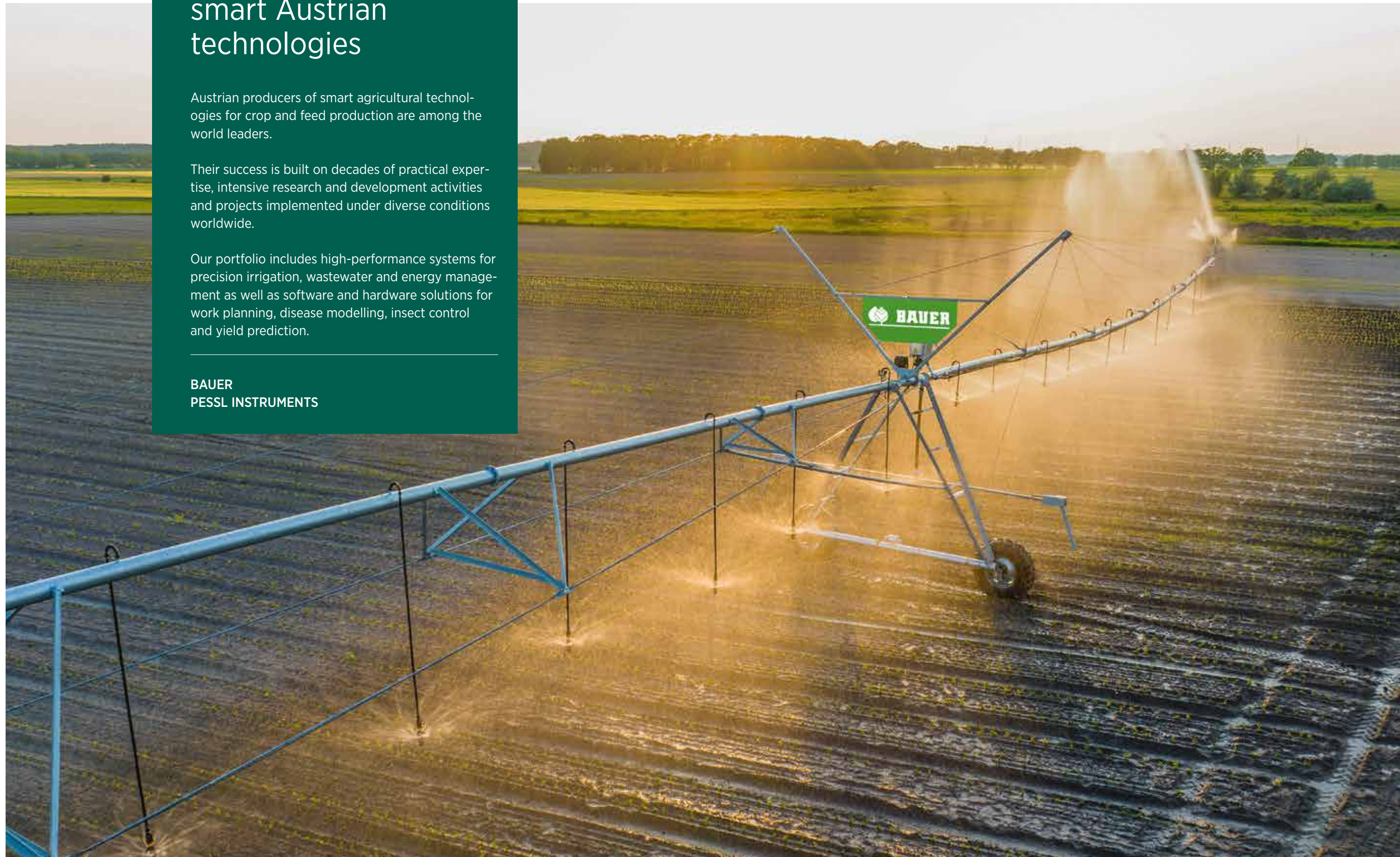
5_Crop & feed production with smart Austrian technologies

Austrian producers of smart agricultural technologies for crop and feed production are among the world leaders.

Their success is built on decades of practical expertise, intensive research and development activities and projects implemented under diverse conditions worldwide.

Our portfolio includes high-performance systems for precision irrigation, wastewater and energy management as well as software and hardware solutions for work planning, disease modelling, insect control and yield prediction.

BAUER
PESSL INSTRUMENTS





BAUER

Smart solutions for irrigation and wastewater technology

For more than 95 years, the BAUER Group stands for holistic solutions in irrigation and slurry management – efficient, sustainable and future-oriented.

Around 800 employees at 17 locations worldwide develop reliable, high-quality machines with passion and technical excellence.

Bauer irrigation systems help irrigate 2,5 million ha across the globe. We offer a complete product range tailored to various farm sizes and production systems:

- Various irrigation systems for different applications
- Automated pivot and linear irrigation systems, including Centerstar, Centerliner, Linestar
- Hose reel irrigation machines Rainstar and eco ProRain
- Traditional irrigation setups, including pipe systems and solid-set installations
- Smart irrigation automation, including remote management systems with easy installation and low maintenance
- Water management tool such as precise, real-time, large-area soil moisture monitoring with Cosmofield
- Pipes and fittings for robust infrastructure
- Wastewater treatment and separation technology for industries such as food and paper

RAINSTAR hose reel irrigators are mobile, flexible, and ensure uniform, precise water distribution thanks to their constant retraction speed



PIVOT IRRIGATION SYSTEMS operate at low pressure to save energy while ensuring uniform droplet sizes and precise water distribution



IRRICONTROL TECHNOLOGY is a low-pressure irrigation control system enabling precise scheduling and efficient water management



COSMOFIELD MONITORS soil moisture in real time, enabling more accurate irrigation decision





PESSL INSTRUMENTS

Wireless, solar powered monitoring systems

Founded in 1984, Pessl Instruments has become a leading manufacturer and developer of smart agricultural technologies, operating in 85 countries across all continents.

Under the METOS by Pessl Instruments brand, our portfolio includes IoT-based hardware and SaaS software to provide users with essential environmental information for decision-making.

Measurements from weather stations and other field data loggers, together with the calculations and analyses performed in FieldClimate, form a comprehensive solution for the efficient management of all agricultural activities:

- Weather monitoring and forecasting
- Crop health management
- Water management
- Disease modelling
- Remote field monitoring
- Nutrition management,
- Logistics, resource and workforce
- Management and planning



METOS 5: Smart IoT station integrating weather, soil, and crop sensors to deliver precise real-time insights



METOS TSM: Soil moisture monitoring wand mapping for precise irrigation and crop management



METOS STREMO: Real-time monitoring of plant stress for early detection and timely action



DUALEX: Leaf-clip sensor for instant, non-destructive measurement of chlorophyll and nitrogen status

FIELDCLIMATE: Real-time visualization and forecasting of environmental and crop data from METOS devices



6_Food processing

Austria is internationally recognized for its strength in agrifood engineering, especially in developing advanced processing technologies for the dairy and meat industries.

Through its member companies, the AAC offers comprehensive solutions - from individual machines and production lines to fully integrated, turnkey plants.

BERTSCH FOODTEC
BERTSCH LASKA

BERTSCH
BERTSCHfoodtec

BERTSCH
BERTSCHlaska





BERTSCH FOODTEC

Austrian excellence in milk processing and dairy production

Bertsch Foodtec is part of the Bertsch Group, bringing over 100 years of international experience in plant engineering and technologies for the food processing industry.

Bertsch Foodtec delivers projects world-wide for the dairy and cheese industry, offering integrated solutions from project planning and system engineering to installation and service.

From milk reception and cooling to standardization, curd treatment, brining, and maturation each phase is precisely engineered. Bertsch Foodtec is a reliable partner across the entire dairy value chain.



Experienced professionals and modern facilities ensure reliable, high-quality production



State-of-the-art cheese vats for precise curd preparation

Technologies and solutions for milk processing:

- Scalable milk treatment systems for dairies of all sizes
- Hygienic mixing and blending equipment
- Advanced filtration (micro-, ultra-, nano-, reverse osmosis)
- Precision purification and standardization systems
- Custom-engineered tanks and process containers



Cheese brine bath for consistent salting and gentle product handling

Moulding and pressing system for semi-hard and hard cheese production



Complete lines for mozzarella and pizza cheese production



CIP system for automated cleaning and maximum hygiene

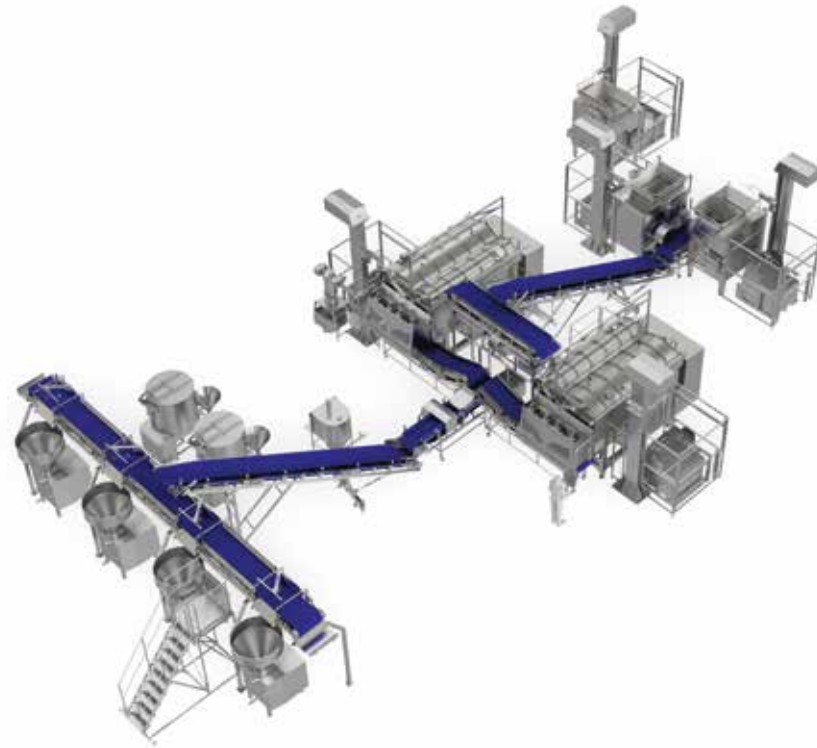


BERTSCH LASKA

Innovative technology and process equipment for the meat industry

Bertsch-Laska is part of the Bertsch Group, bringing over 100 years of international experience in plant engineering and technologies for the food processing industry.

Bertsch-Laska is an expert for technologies for the meat, sausage, poultry and fish industries. The company offers high-performance solutions across the entire production line. Services include project planning, system construction, installation and service.



Tailored solutions – from individual machines to full greenfield projects



Complete systems for sausage and delicacy production

Technologies and solutions for meat processing:

- Slaughter and cutting systems
- Separators and deboning equipment
- Machines for semi-finished products
- Sausage and ham production systems
- Thermal treatment equipment (smoking, cooking, curing)
- Packaging and logistics solutions



Slaughtering, cutting, hygiene, refrigeration technology



Comprehensive systems for thermal processing and maturation

Efficient solutions for packaging, handling, and portioning



7_Circular Bioeconomy – Closing the loop in agriculture

Nature knows no waste and Austria is bringing that principle into modern agriculture. Based on a strong tradition of resource efficiency and engineering excellence, Austrian companies close material cycles across the food system, keeping nutrients and value where they belong: within agriculture.

Instead of viewing food waste as a cost and a problem, the circular bioeconomy turns waste back into value – returning it to agriculture as feed, raw materials, or organic fertilizer. Every closed loop cuts emissions, strengthens regional economies, and reduces dependence on imported raw materials.

With innovative technologies and know-how, Austrian solutions help build these closed loops reliably – on farms and in food production world-wide, making agriculture more sustainable, more resilient and future-ready.

REPLOID

 **REPLOID**
Forward for change.





REPLOID GROUP

From Waste to Value – Industrializing Insect Technology

REPLOID offers an innovative system for the industrial utilization of regional organic residues from the food industry and agriculture. The company transforms organic waste into valuable raw materials, closing the loop between food production and farming.

Founded in 2020 and headquartered in Wels, Austria, the company implements and services modular, highly automated insect-rearing plants – the ReFarmUnit – in which black soldier fly larvae convert local food-industry side streams into premium protein, fat, and organic fertilizer.

Each ReFarmUnit processes around 9,500 tons of residues per year, close to their source – decentralized, modular, and scalable. The result is a resilient, circular business model

that reduces waste and emissions, strengthens local value creation, and lowers dependence on imported protein and mineral fertilizer.

REPLOID pairs Austrian engineering with in-house R&D, proprietary process software, and deep expertise in Black Soldier Fly biology. With more than 190 employees REPLOID is listed on the Vienna Stock Exchange and is scaling its technology across Europe and beyond.

With decentralized upcycling on an industrial scale, REPLOID provides an economically attractive circular economy solution. Organic residues are utilized efficiently, helping to conserve key resources over the long term – turning today’s residues into tomorrow’s resources.



From waste to value: a highly-automated ReFarmUnit on a compact 24 x 60 meter footprint

Within one week, black soldier fly larvae grow up to 25 times their weight while upcycling food waste



Infrastructure and operations

- Implementation of ReFarmUnits (EPC)
- Maintenance, servicing, and SLA support
- ReFarmOS process software and
- AI-driven optimization

Input supply

- Reliable supply of young larvae
- Site-specific feed formulation from local food waste

Output commercialization

(Centralized off-take and marketing of all ReFarmUnit outputs)

- Insect protein and fat as input factor to various industries
- Insect-based pet food and animal feed (B2B, retail products)
- Organic fertilizer under the REPLOID REGREEN brand (B2B, retail products)



One ReFarmUnit converts 9,500 tons of food waste per year into premium protein, fat and fertilizer

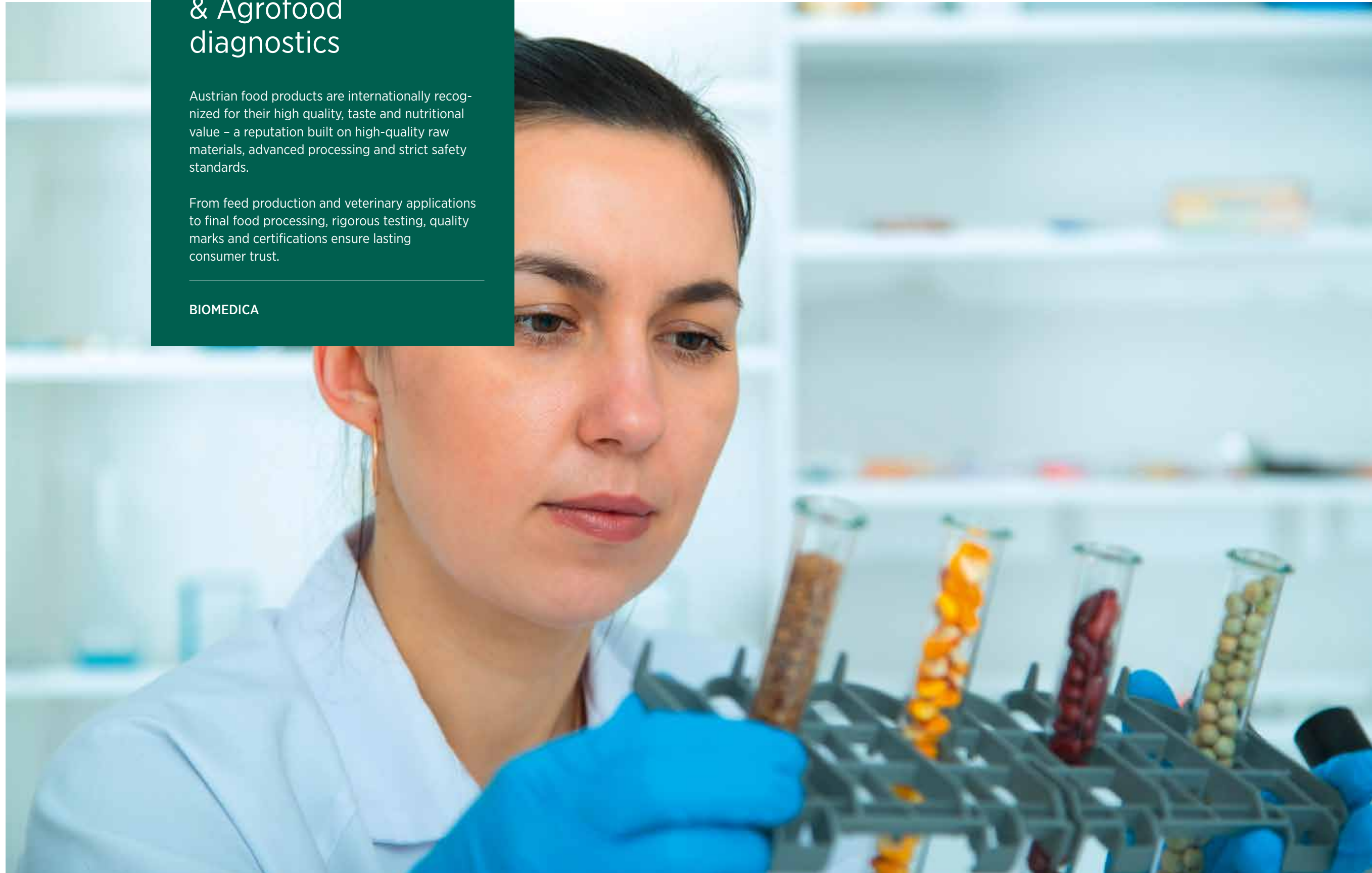
AI-optimized processes and proprietary ReFarmOS software run every stage of production reliably

8_Environmental monitoring & Agrofood diagnostics

Austrian food products are internationally recognized for their high quality, taste and nutritional value – a reputation built on high-quality raw materials, advanced processing and strict safety standards.

From feed production and veterinary applications to final food processing, rigorous testing, quality marks and certifications ensure lasting consumer trust.

BIOMEDICA





BIOMEDICA

Biomedica Medizinprodukte is a leading Austrian distributor of medical devices, diagnostics for human laboratories, and in the field of food & feed safety.

The Industry & Agrofood division provides a broad portfolio of analytical instruments and testing solutions for the food, feed, pharmaceutical, and cosmetic industries, covering microbiology, hygiene, allergen detection, and GMO analysis. Our offer is complemented by training and technical services supporting the successful implementation of your projects.

Our portfolio includes:

- Rapid test systems for mycotoxins and GMO in grains and oilseeds
- QuickScan – one platform for mycotoxins, GMO, and falling number
- Detection of food frauds
- Environmental monitoring
- Simple, safe, and rapid on-site environmental testing
- Food allergen management
- Solutions for Legionella detection within 48 hours
- Full range of reagents to detect spoilage in wine, beer and beverages
- On-site test systems for Salmonella in feed, soy, environmental swabs, and boot swabs



Solution for mycotoxin, GMO and sprout damage testing on one platform

<i>Legionella pneumophila</i>	48 hours
<i>Pseudomonas aeruginosa</i>	24 hours
<i>Escherichia coli</i>	6 hours
Total Coliform	10 hours
<i>Alicyclobacillus</i> Guaiacol positive	24 hours

Total Viable Count water	24-72 hours
Total Viable Count Soda	48 hours

Rapid Microbiology Solutions from Diamidex

Environmental monitoring – easy to use, no trained personnel needed, can be implemented everywhere

1. Sample

2. Transfer

3. Incubate

4. Activate

5. Measure

9_Agricultural education and training in Austria - Tradition, innovation and lifelong learning

Austria stands out in Europe for its long tradition of agricultural education, structured across different levels from vocational schools and colleges to specialized academies and universities.

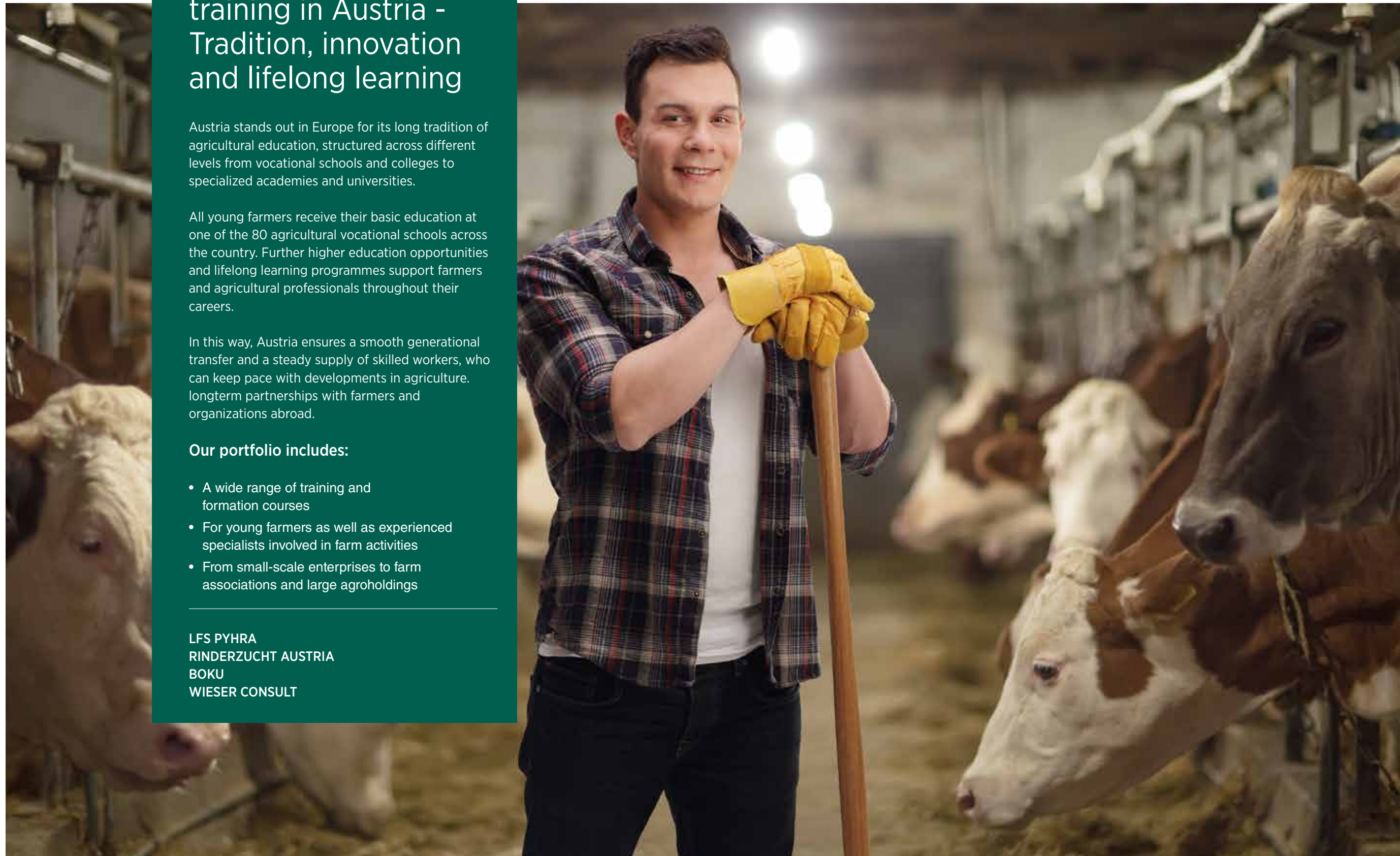
All young farmers receive their basic education at one of the 80 agricultural vocational schools across the country. Further higher education opportunities and lifelong learning programmes support farmers and agricultural professionals throughout their careers.

In this way, Austria ensures a smooth generational transfer and a steady supply of skilled workers, who can keep pace with developments in agriculture. longterm partnerships with farmers and organizations abroad.

Our portfolio includes:

- A wide range of training and formation courses
- For young farmers as well as experienced specialists involved in farm activities
- From small-scale enterprises to farm associations and large agroholdings

LFS PYHRA
RINDERZUCHT AUSTRIA
BOKU
WIESER CONSULT





LFS PHYRA

Basic theoretical and practical training for young farmers

Agricultural College Bildungszentrum (BZ) Pyhra is one of Austria’s most renowned educational institutions for agricultural training. BZ Pyhra trains pupils and farmers from both Austria and abroad on one of the most modern campuses in Europe. The college combines theoretical education with practical training on its didactic farm, which serves as a best-practice model for cattle breeding and dairy farming in Austria.

The courses cover a wide range of fields, “from farm to fork”:

- plant production
- animal husbandry
- smart farming technologies
- food technology

BZ Pyhra is also a best-practice example of a didactic farm with commercial application. The training farm is not only a teaching facility but also an active agricultural enterprise, demonstrating successful collaboration between government support, education and industry.



Dipl.-Päd. Dipl.-Ing. Josef Sieder
School Principal



Didactic farm of BZ Pyhra on 162 ha of arable land, grassland, forest and cultures



Hands-on training in the school dairy - from fresh milk to finished products



Modern, welfare stable with 65 dairy cows, 40 young cattle and 35 bulls for fattening



CATTLE BREEDERS ACADEMY

Specialised courses for cattle breeders

The Cattle Breeders Academy of Rinderzucht Austria offers targeted seminars and training programs that provide breeders with up-to-date knowledge and practical expertise.

Key competencies are addressed, including:

- farm management
- silage production
- metabolism
- udder and metabolic health
- calf rearing
- and hoof care

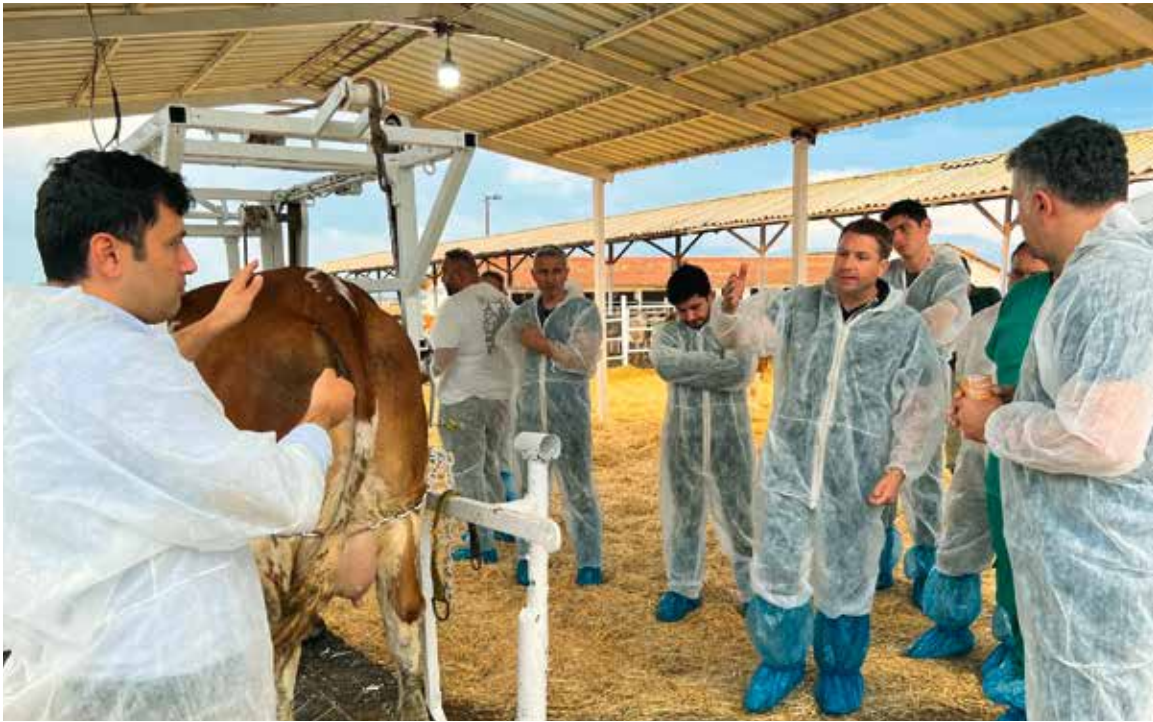
Courses are available both digitally and in person, in Austria as well as abroad. Training formats range from webinars and “farminars” broadcast directly from farms to live Zoom events and structured e-learning modules. Topics and duration are tailored to participants’ needs, with programmes typically lasting between 2 and 14 days. Courses can be taught in different languages, supported by specialised interpreters.



International training for Kazakh farm managers in Vienna



Farminar broadcasted directly from the farm



Practical training on the farm



Successful training of Kazakh farm managers in Vienna



BOKU

Higher education and research

The University of Natural Resources and Life Sciences BOKU in Vienna plays a leading international role in higher education and research for agriculture, forestry, food and environmental sciences.

With its strong research orientation and global networks, BOKU equips students with scientific expertise while fostering innovation, sustainability and international collaboration.

Programs combine fundamental science with applied research, preparing graduates to address the challenges of modern agriculture and resource management in an international context.



WIESER CONSULT

Agri-Business Development in Southeastern Europe, Central Asia & the South Caucasus

WIESER CONSULT is an Austrian consulting company specializing in agriculture, food processing, bioenergy and precision farming solutions. Since its establishment in 1996, the company has supported SMEs and leading companies in successfully entering and expanding within international agri-food markets. With more than 30 years of experience, WIESER CONSULT enables clients to achieve rapid market entry and sustainable business growth by connecting international agribusiness stakeholders and facilitating the development of new projects and partnerships.



Sharing expertise at international conferences



Our services include:

- Market research and market analysis
- Feasibility studies, market entry strategies and business plan development
- Investment and financial consulting
- Interim management for company start-ups and business expansion
- Identification of potential customers and partners in target markets
- Sales partner and distribution network development
- Fact-finding missions and study tours in Austria, South-eastern Europe, Central Asia and the South Caucasus
- Human resource consulting, including tailor-made training and capacity-building programs for the agri-food sector, with a focus on dairy and meat production, smart farming and food processing



On-site advisory and international project development

Connecting international agribusiness-stakeholders on high-level

AAC MEMBER LIST
AND CONTACTS

AAC Austrian Agricultural Cluster
Dresdner Str. 89/B1/18, 1200 Vienna, Austria

Mr. Hermann Wieser
General Manager
M: +43 676 40 51 250
office@aac.or.at
www.aac.or.at



Agricultural College LFS Pyhra
Kyrnbergstraße 4, 3143 Pyhra, Austria

Mr. Josef Sieder
School Director
T: +43 2745 2393
josef.sieder@lfs-pyhra.ac.at



Austrian Federal Association for Sheep and Goats – ÖBSZ
Dresdner Str. 89/B1/18, 1200 Vienna, Austria

Mr. Josef Stöckl
Export Manager
M: +43 699 119 65 207
josef.stoeckl@LK-OOE.at
www.oebisz.at



BAUER GmbH Röhren und Pumpenwerk
Kowaldstraße 2, 8570 Voitsberg, Austria

Mr. Andreas Schitter
Financial Manager
T: +43 3142 200 0
F: +43 3142 200 320
sales@bauer-at.com
www.bauer-at.com



Bertsch-Laska Produktions- und Handels-GmbH
Baumgasse 68, 1030 Wien, Austria

Mr. Hubert Hackl
General Manager
M: +43 664 242 70 71
hubert.hackl@bertsch.at
www.bertsch.at



Bertsch Foodtec GmbH
Herrengasse 23, 6700 Bludenz, Austria

Mr. Christoph Hueber
General Manager
M: +43 664 14 27 495
christoph.hueber@bertsch.at
www.bertsch.at



Biomedica Medizinprodukte GmbH
Divischgasse 4,1210 Vienna, Austria

Mr. Rainer Klinger
Head of Division Veterinary &
Food Diagnostics
M: +43 676 831 07 794
rainer.klinger@bmgrp.at
www.bmgrp.eu



BOKU – University of Natural Resources and Life Sciences Vienna
Peter-Jordan-Strasse 82, 1190 Vienna, Austria

Dr. Alexander Bauer
Head of the Institute of Agricultural Engineering
T: +43 1 47654 93101
alexander.bauer@boku.ac.at
www.boku.ac.at



Federal Association of Austrian Cattle Breeders – Rinderzucht Austria
Dresdner Str. 89/B1/18, 1200 Vienna, Austria

Mr. Martin Stegellner
General Manager
M: +43 664 60 259 12001
steggellner@rinderzucht.at
www.rinderzucht.at



Fleckvieh Austria
Dresdner Str. 89/B1/18, 1200 Vienna, Austria

Mr. Reinhard Pfleger
General Manager
M: +43 664 24 000 88
pfleger@fleckvieh.at
www.fleckvieh.at



geneticAUSTRIA GmbH
Dr. Otmar Föger Straße 1, 4921 Hohenzell, Austria

Mr. Peter Kreuzhuber
General Manager
T: +43 7752 822 48 82
peter.kreuzhuber@genetic-austria.at
www.genetic-austria.at



Pessl Instruments GmbH
Werksweg 107, 8160 Weiz, Austria

Mr. Gottfried Pessl
Managing Director
M: +43 664 400 15 65
gottfried.pessl@metos.at
www.metos.at



PIG Austria GmbH
Dresdner Str. 89/B1/18, 1200 Vienna, Austria

Mr. Peter Knapp
General Manager
T: +43 7242 27884 10
peter.knapp@pig.at
www.pig.at



REPLOID Group AG
Durisolstraße 6, 4600 Wels, Austria

Gernot Beutle
Head of International Sales
T: +43 7242 333099116
M: +43 660 1215055
beutle@reploid.eu
www.reploid.eu



SCHAUER Agrotronic GmbH
Passauer Str. 1, 4731 Prambachkirchen, Austria

Mr. Stefan Dieplinger
Sales Manager Eastern Europe, Russia
T: +43 7277 2326 0
s.dieplinger@schauer-agrotronic.com
www.schauer-agrotronic.com



Schaumann Agri Austria GmbH & Co. KG
Jakob Fuchs - Gasse 25 - 27
2345 Brunn am Gebirge, Austria

Mr. Peter Salmutter
Managing Director
T: +43 2236 31641 57
salmutter@schaumann.at
www.schaumann.info



smaXtec animal care GmbH
Sandgasse 36, 8010 Graz, Austria

Mr. Chris Howarth
Chief Sales Officer/Global Sales Director
T: +43 316 46 15 88
M: +44 7973 26 92 86
chris.howarth@smaXtec.com
www.smaXtec.com



Wieser Consult GmbH
Annastrasse 19, 9210 Pörschach a.W., Austria

Mr. Hermann Wieser
General Manager
M: +43 676 40 51 250
office@wieserconsult.com
www.wieserconsult.com



Wolf Systembau Gesellschaft m.b.H.
Fischerbüchel 1, 4644 Scharnstein, Austria
T: +43 7615 300
mail@wolfsystem.at
www.wolfsystem.at

Wolf System GmbH
mail@wolfsystem.de
T: +49 9932 37-0
www.wolfsystem.de





Austrian
Agricultural
Cluster

Scan here for the digital version



Austrian Agricultural Cluster

Dresdner Straße 89/B1/18

1200 Vienna / Austria

www.aac.or.at