



PROJECT MARBLE

Teaser
August 2024



SCAN ME!

Marblelution – At a Glance



Europe’s leading Wagyu breeding and fattening platform of scale

Business Overview

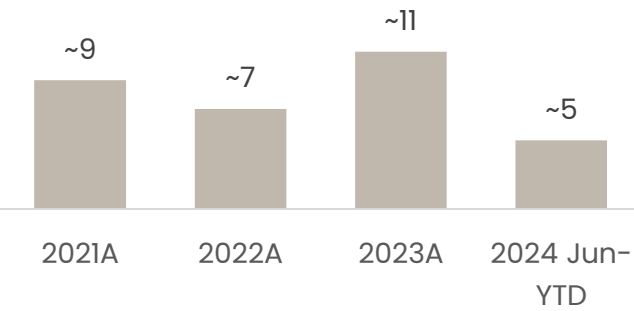
-  Leading Wagyu breeding platform in Europe, serving a wide range of end markets
-  Extensive experience and leading know-how in Wagyu breeding and fattening
-  Proprietary, carefully maintained database with unique data depth and premium meat genetics
-  In-house embryo transfer laboratory, certified according to IFS standard
-  Industry-leading focus on sustainability in all business areas
-  Active in an attractive, robust and long-term growth market
-  Highly fragmented market characterised by small, regional family businesses
-  Long-term partner for a diverse customer base with potential to serve leading European wholesalers & retailers, food service and meat processing companies
-  Experienced and ambitious management with a proven track-record of achieving growth

KPIs

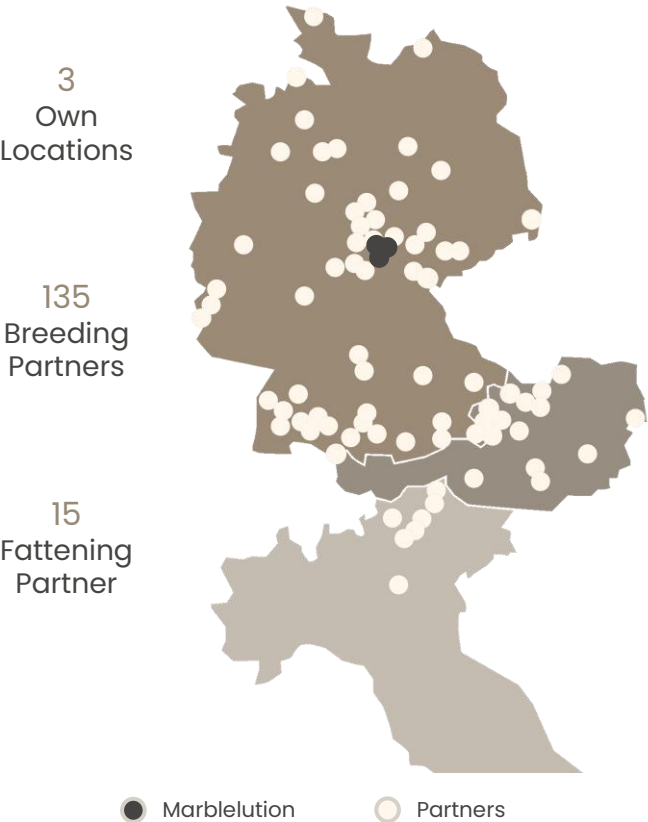
~6.000 ⁽¹⁾ Herd Stock	~3.400 ⁽¹⁾ Breeding Stock	40+ Employees
100% ⁽²⁾ Pure Wagyu Gene Pool	440kg Ø Carcass Weight	6 – 10 Ø Marbling Score

Total Output

(In € million)

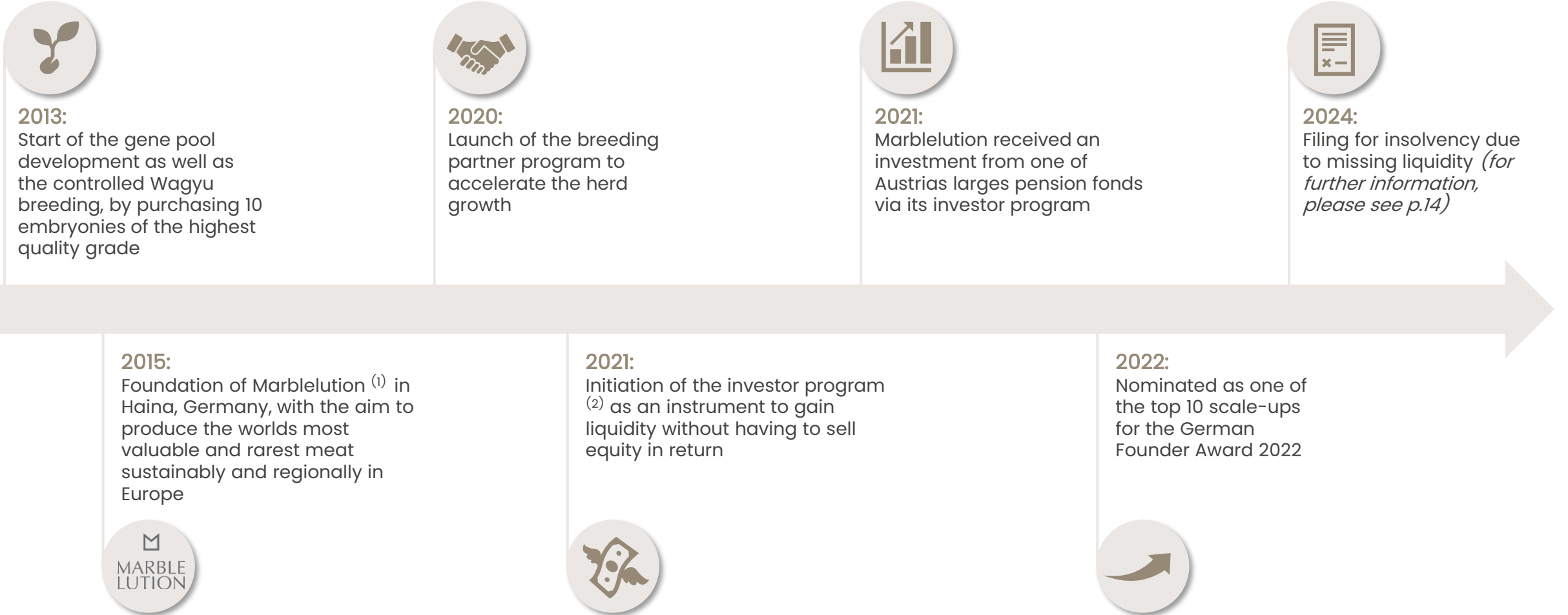


Breeding and Fattening Farms



⁽¹⁾ ~1.000 Wagyu (breeding stock) are owned by the Marblelution GmbH, with further ~5.000 in association with the breeding and fattening partners.
⁽²⁾ The gene pool is comprised of the following breed types: F1, F2, F3 und FB.

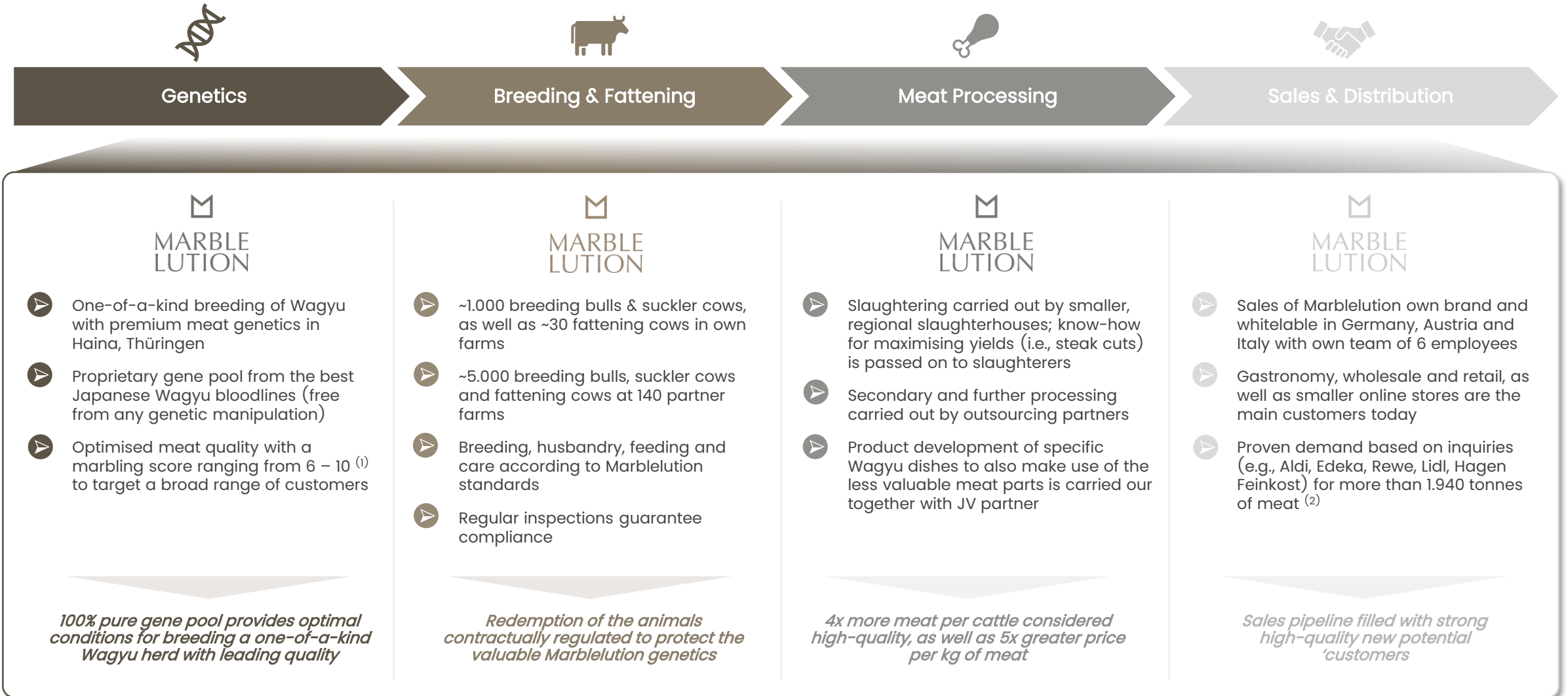
History



⁽¹⁾ Previously known as GenussWert UG and rebranded to Marblelution GmbH in 2018.

⁽²⁾ Investor program (loan structure): Breeding animals are purchased by investors, but Marblelution takes over the breeding, keeping and care of the animals. Annual, predefined interest and repayment payments are made for the provision of the animals (e.g., for breeding) and for the purchase of newborn calves. Suckler cows are also bought back for a predefined price after a term of up to 10 years.

Unique Positioning Along the Value Chain with Leading Expertise and Know-how



⁽¹⁾ Marbling score is measured on a scale of 1 (lowest quality) to 12 (highest quality). Decisive factors for the score are (i) marbling according to BMS, (ii) meat color acc. to BCS, (iii) fat color acc. to BFS and (iv) firmness / texture.

⁽²⁾ With the current herd size, only 5% of the requested volume can be served.



MARBLELUTION

The *most valuable* Meat of the World



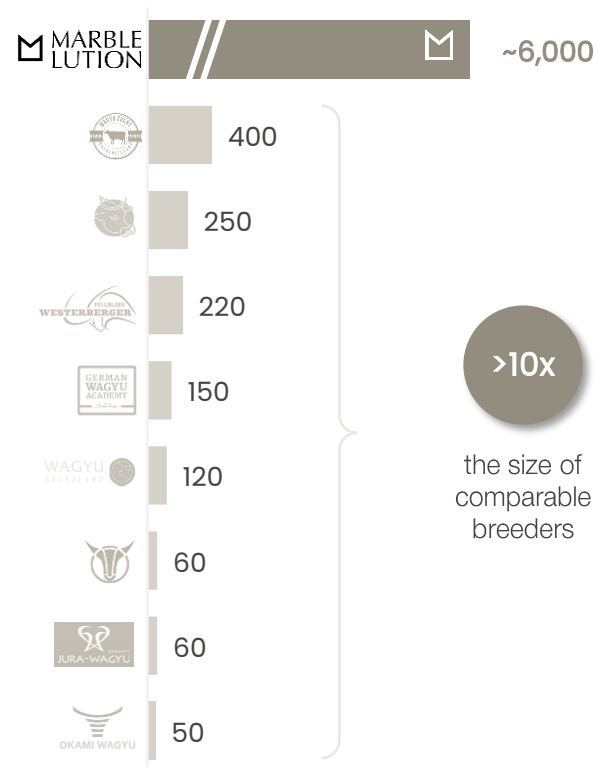
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- A photograph of several brown Wagyu cattle in a grassy field. One cow is in the foreground, looking towards the camera, while others are visible behind it. The image is partially obscured by a diagonal white line that separates it from the text on the right.
1. Leading European Wagyu Breeding Platform of Scale
 2. Unique and Proprietary Premium Meat Genetics Directly From Japan
 3. Exciting Breeding and Fattening Farm with In-house Embryo Transfer Laboratory
 4. Attractive, Robust and Growing Underlying Market
 5. Long-term Partner to a Diverse Customer Base
 6. Exceptionally High Focus on Sustainability Across All Areas
 7. Concrete Strategy in Place with Numerous Growth Opportunities
 8. Attractive Financial Profile with Promising Growth Potential
 9. Strong Management with Proven Track-Record

1 Leading European Wagyu Breeding Platform of Scale

Marblelution is Europe's largest Wagyu breeding platform

#1 in a Highly Fragmented Market

Number of Wagyu Cattle per Breeder
(According to published information)



Marblelution's Market Share in Europe
(Estimate ⁽¹⁾)



Commentary

- ▶ Due to the limited availability of Wagyu cattle outside Asia, the majority of the European demand is covered by imports
- ▶ Regional breeding of Wagyu cattle within Europe has only existed since the early 2000s and is therefore not yet widespread
- ▶ The European breeding market is highly fragmented and consists largely of family businesses / farms
- ▶ Due to the more capital intense nature of breeding Wagyu cattle (compared to domestic cattle breeding) the average breeder only owns ~20 calves
- ▶ In 2024, the population of regionally bred Wagyu is estimated at around 20,000 animals (slaughter and breeding animals). Around 7,500 Wagyu are currently kept in Germany

Sources: Web search and third-party research.

(1) Assuming that the total market size is made up of at least 20k Wagyu cattle.

2 Unique and Proprietary Premium Meat Genetics Directly From Japan



Marblelution's database allows targeted and fast herd build-up with the highest quality

KPIs


~6,000
Wagyu Cattle in
Database ⁽¹⁾


100%
Pure
Gene Pool


~30%
CAGR '20 - '24
Herd Size


~3.400
Breeding Bulls &
Suckler Cows ⁽¹⁾


~70%
Fullblood
Wagyu


~30%
F1 – F3
Wagyu

The Marblelution Genetics

- Protracted development and refinement of the gene pool over more than 8 years
- Underlying pedigree provides full transparency and allows herd animals to be traced back to their Japanese ancestors
- Own breeding centre (incl. embryo transfer lab certified according to IFS-standard) as well as breeding herd of ~3.400 cattle, allows appropriate and rapid expansion of the herd
- Targeted purchase of genetics, individual animals and herds in Europe, Australia and the US ensure sufficient variation in the gene pool through regular crossing with “foreign” genetic material
- Targeted meat quality spectrum with marbling scores between 6 to 10 to appeal to a broader customer base (i.e., from discounters to fine dining restaurants)



ID	Date of Birth	Name	Sex	Category	Breed	Sire	Dam	Genetic Markers	Marbling Score	Weight
1001	2018-01-01	Wagyu 1001	M	Fullblood	Wagyu	Wagyu 1001	Wagyu 1001	100%	10	500kg
1002	2018-01-01	Wagyu 1002	F	Fullblood	Wagyu	Wagyu 1001	Wagyu 1001	100%	10	450kg
1003	2018-01-01	Wagyu 1003	M	Fullblood	Wagyu	Wagyu 1001	Wagyu 1001	100%	10	500kg
1004	2018-01-01	Wagyu 1004	F	Fullblood	Wagyu	Wagyu 1001	Wagyu 1001	100%	10	450kg
1005	2018-01-01	Wagyu 1005	M	Fullblood	Wagyu	Wagyu 1001	Wagyu 1001	100%	10	500kg
1006	2018-01-01	Wagyu 1006	F	Fullblood	Wagyu	Wagyu 1001	Wagyu 1001	100%	10	450kg
1007	2018-01-01	Wagyu 1007	M	Fullblood	Wagyu	Wagyu 1001	Wagyu 1001	100%	10	500kg
1008	2018-01-01	Wagyu 1008	F	Fullblood	Wagyu	Wagyu 1001	Wagyu 1001	100%	10	450kg
1009	2018-01-01	Wagyu 1009	M	Fullblood	Wagyu	Wagyu 1001	Wagyu 1001	100%	10	500kg
1010	2018-01-01	Wagyu 1010	F	Fullblood	Wagyu	Wagyu 1001	Wagyu 1001	100%	10	450kg

The Marblelution Gene Pool Database

The relationship between meat quality and animal health can be optimised by tracing genetic traits

(1) ~1.000 breeding cattle owned by Marblelution.



Strategically located to serve customers regionally

KPIs

1
Breeding
Centre⁽¹⁾

140
Breeding &
Fattening Partners

3
Sales
Locations⁽²⁾

~1.000
Wagyu Cattle
Directly Owned

40+
Employees

5.000+
Wagyu at
Partner Farms

10+
In-house Breeding and
Feeding Experts

HQ in Haina



- 280 hectares of farmed land (leased)
- Breeding and fattening farm with capacity of up to 650 livestock units (i.e., 900 cattle under current concept)
- Embryo transfer lab certified according to IFS
- Facilities for administrative work available

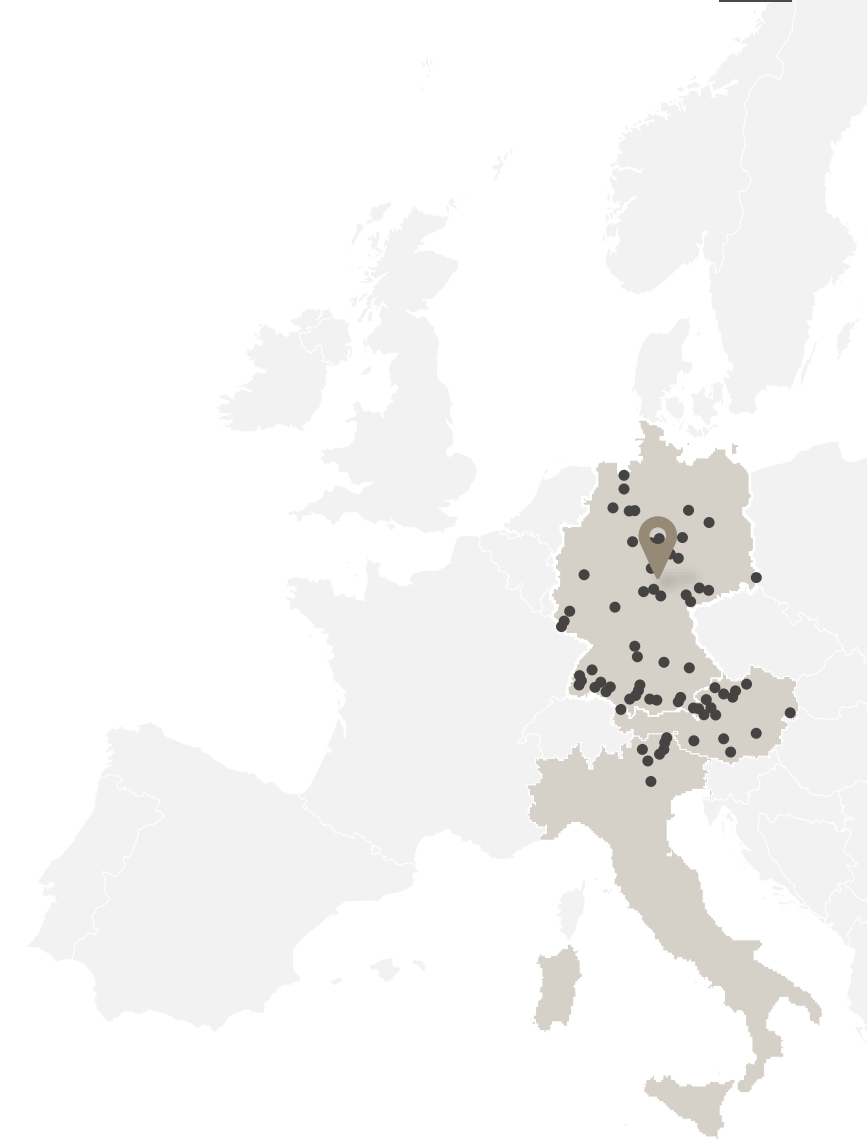
Breeding and Fattening Partner Program



Scan Me!



Press Play!



- 📍 HQ & Breeding Centre
- Partners

⁽¹⁾ Leased.
⁽²⁾ Sales partner locations.

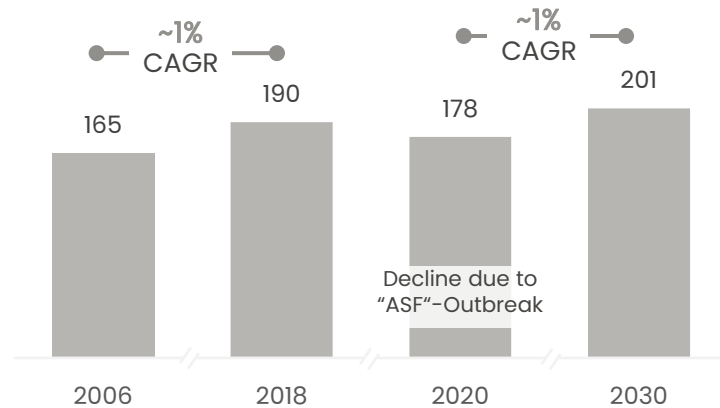


Attractive, Robust and Growing Market

Ideally positioned to benefit from attractive secular long-term tailwinds

Global Meat Market

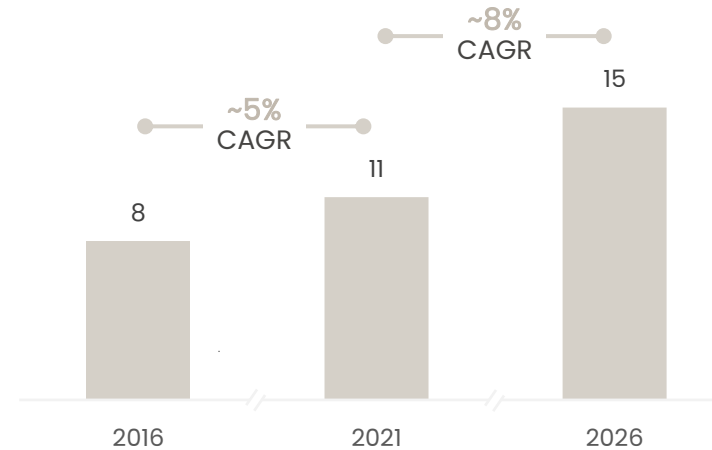
(Sales volume in million tonnes)



- The global demand for meat is high and stood at around 178 million metric tonnes in 2020
- Despite the growing relevance of alternative protein sources, global meat consumption is expected to grow
- Especially protein sources like Wagyu are considered as growth drivers in this regard

European Wagyu Market

(Sales volume in thousand tonnes)



- In 2021, around 11 thousand tonnes of Wagyu meat were sold, representing a volume of 42 thousand slaughtered cattle
- Growing demand is expected to drive the required meat volume to 15 thousand tonnes by 2026

Growth Drivers



Growing demand for high quality products ⁽¹⁾



Greater health consciousness ⁽²⁾



Growing population



Greater available income per capita



Product innovations and technological advancements

Sources: Maia Research and web search.

Note: For 1 tonne of meat ~4 Wagyu are required.

(1) Wagyu has a higher meat quality (e.g., greater intra muscular fat, more tender, better taste, etc.) which drives up the share of high quality meat parts ("Premium / Steak Cuts").

(2) Due to greater share of monounsaturated fatty acids, as well as omega-3 and omega-6, Wagyu is considered as healthier than conventional beef.



5 Long-term Partner to a Diverse Customer Base

Marblelution serves an attractive customer base

Customer Dynamics

- Marblelution's customer base is diverse and primarily consists of regional (i) wholesale and retail, (ii) gastronomy and (iii) online stores
- Its total customer base comprised more than 30 customers across 4 countries
- With growing herd size, larger customers (e.g., Aldi) are increasingly of interest to Marblelution. As these businesses typically only place large scale orders, Marblelution was less able to supply them with sufficient meat in the past
- Marblelution's quality spectrum appeals to a broad customer base (from discounters to fine dining restaurants)

Select Customers & Sales Partners

Gastronomy



Wholesale & Retail



Protein Processing & Sales



Proven Demand ⁽¹⁾



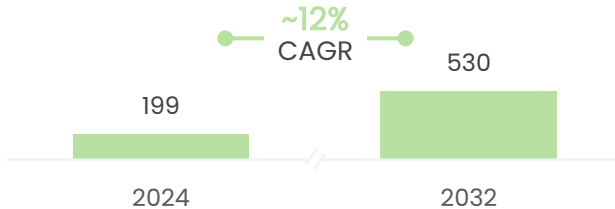
Strong demand from leading European wholesalers and retailers

Note: Due to the insolvency, some customers stopped to engage with Marblelution as contracts prohibit the supply from insolvent businesses.
(1) Not all of the companies shown here are currently customers of Marblelution. Only companies that are/were in negotiations are shown.

Animal, nature and human – this is what Marblelution stands for and is committed to

Constantly Growing Relevance of Sustainability

European Organic Food Market
(In € billion)



~40%
Of consumers would pay more
for sustainable goods

“Consumers, governments and other stakeholders are demanding that retailers and consumer goods manufacturers clearly define the sustainability standards in their network. In the future, companies in the sector will also be judged on the transparency and measurability of their sustainability initiatives.”

Harald Dutzler, Sustainability Expert, PwC Strategy&

Sources: Simon Kucher, PwC, IFOAM and third-party research.

Sustainability and ESG at Marblelution

- Revolutionary animal husbandry, forward-looking sustainability concepts and the highest possible quality standards
- Marblelution has defined three strategic pillars to ensure sustainability in all areas:
 - 1 **Animal Welfare:** grazing, species-appropriate living conditions with plenty of outlet, twice as much space as required by law, natural feed, etc.
 - 2 **Nature- & Environmental Protection:** no monocultures, no climate-hostile agriculture, natural regeneration of arable land, regional and sustainable feed, etc.
 - 3 **Human & Labor Rights:** Fair working conditions, no wage dumping, no child labor, compliance with ethical principles, etc.
- Marblelution also obliges its partner and suppliers to participate in these values and strategies



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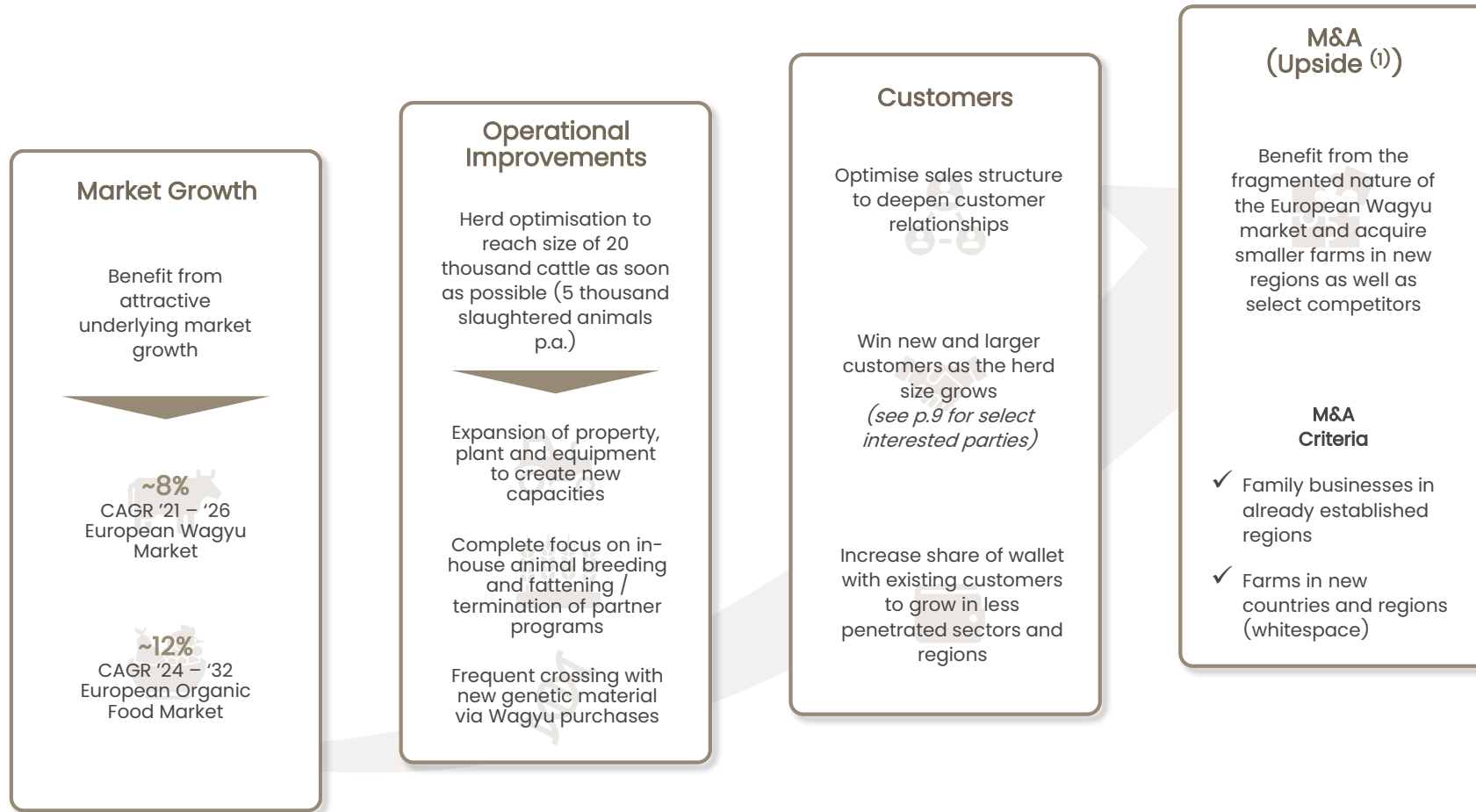
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Marblelution stands for regionality, sustainability and responsibility



Robust and organic growth plan in place to achieve a herd size of 20,000 Wagyu cattle

Organic Growth Strategy (Under Option A):



Kommentar

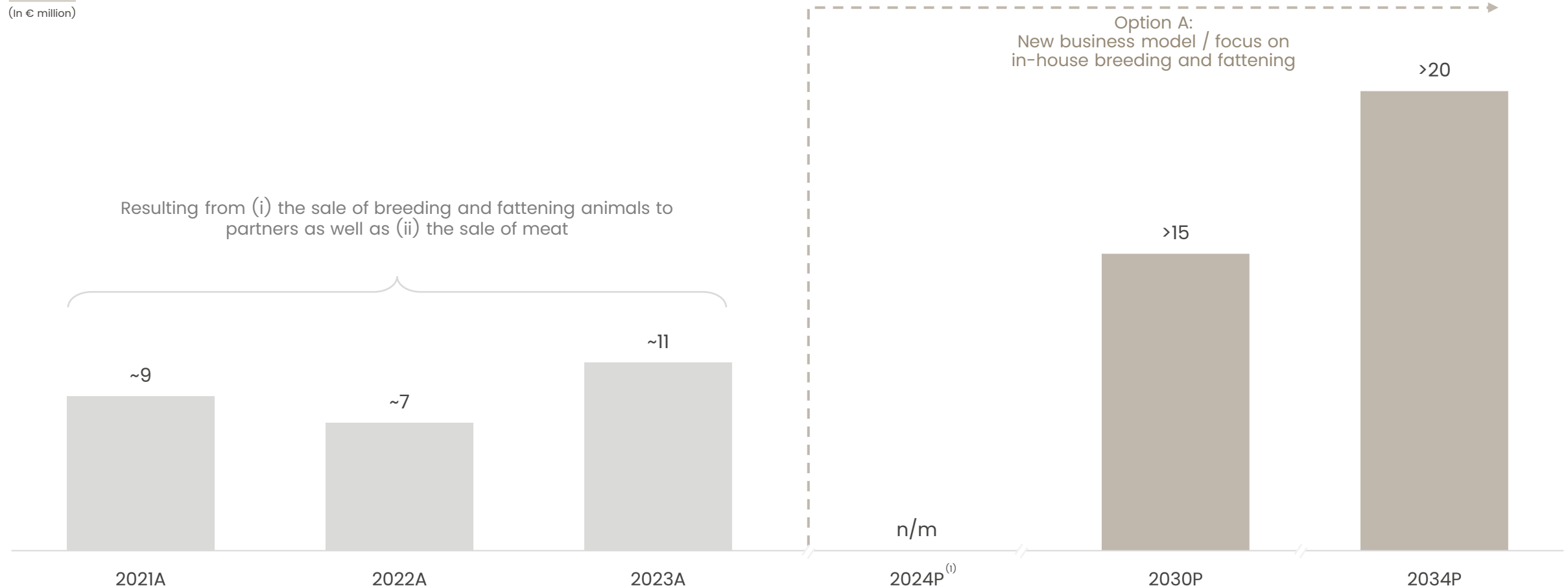
- In order to implement the growth strategy and the associated initiatives, a change in the business model is being considered, which is also reflected in the target figures (option A). A new investor also has the option of continuing the business unchanged (option B)
- **Option A:** Marblelution becomes a pure breeding and fattening farm. Partner programs are terminated to reduce operating costs. New facilities must be purchased for breeding and fattening. Animals owned by the partners are bought back
- **Option B:** The current business model continues unchanged. Marblelution continues to be positioned / integrated along the entire value chain



Implementing the new strategy is expected to drive sales to >€15 million by 2030

Total Output

(In € million)



Note: Historical numbers are not like for like comparable with business plan figures (i.e., no pro-forma adjustments were made), as the business model will change under option A (siehe Seite 11).

(1) Considers the year-to-go only (September – December 2024).

9 Strong Management with Proven Track-Record



A team of experts with passion for animal wellbeing and sustainable meat consumption



Tobias Becker
*Founder, Co-CEO,
Head of Genetic Sales
since 2013*



Sebastian Röttcher
*Founder, Co-CEO,
Head of Finance, Admin. & BD
since 2013*



Rober Becker
*Founder,
Head of Breeding Program
since 2013*



Stefan Rottensteiner
*Founder,
Beef Sales Manager
since 2013*



Thomas Kurzawski
*Head of Marketing
since 2019 ⁽²⁾*



Jörg Kurzeja
*Head of Beef Sales
since 2019 ⁽²⁾*

Relevant Experience



Relevant Experience



Relevant Experience



Relevant Experience



Relevant Experience



Relevant Experience



Key Achievements

Genetics

100%

*Pure gene pool with highest quality
and underlying database*

Herd Size

~6.000

*Europe's largest herd with the
purest and rarest genetics*

Sales

1.940t

*Requests for meat from
various B2B customers*

Organisation

40+

*Highly qualified and motivated
employee base*

Growth

3

*Germany, Austria and Italy
as already established markets*

⁽¹⁾ Multiple German champion and 2012 European champion in poultry breeding.
⁽²⁾ External employees.



Insolvency Proceedings

The Insolvency Proceedings of the Marblelution Group



Take advantage of this unique opportunity to shape the future of Wagyu breeding in Europe

Background

- Initiation of preliminary insolvency proceedings on 08.07.2024
- Main reasons that led to insolvency:
 - Dec-22: Short-term loss (prior to signing) of a major investor (investment activities were postponed due to fear of recession); lack of investment led to limited ability to act in animal sales
 - Mar-23: Short-term withdrawal of the credit line by the house bank due to the default of the major investor and the resulting lack of liquidity
 - Dec-23: Slaughtering at one of Europe's largest meat processors resulted in major production error. Result: loss of Christmas business
 - Jun-24: Expected financing of a lender postponed, as "recession stability" should be demonstrated first

Status Quo

- The Local Court of Erfurt has appointed DiLigens partner Marcello Di Stefano as provisional insolvency administrator of Marblelution Genetics GmbH and his partner Dr. Martin Linsenbarth as provisional insolvency administrator of Marblelution Beef GmbH
- The business operations of both companies will continue for the time being in order to preserve the long-standing business relationships and ensure the promising development of this unique breed
- Employees' wages and salaries are secured by the insolvency substitute benefits
- Mr. Di Stefano has commissioned ADWIN to conduct an M&A process for the insolvency proceedings concerning the assets of the Marblelution Group
- We cordially invite interested investors to become part of this success story and help shape the future of Wagyu breeding in Europe

Your Once in a Lifetime Chance

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