

SEMI-SOLIDS & LIQUIDS

From Concept to
Market

Development Expertise and State-of-the-Art Manufacturing

One-stop CDMO for semi-solids and liquids.

- Experience with a wide range of APIs, formulations and formats
- Development and (re)formulation expertise
- Flexible and high quality bulk manufacturing operations
- Efficient packaging capabilities



BROAD TECHNOLOGY SPECTRUM

Your go-to CDMO for Semi-Solids & Non-Sterile Liquids

Available Technology Platforms:



Tubes

Creams, Gels and Ointments
(2 g - 250 g)



Jars/Pump Jars

Creams, Gels and Ointments
(100 g - 1000 g)



Bottles (glass and plastic)

Solutions, Emulsions and Suspensions (10 ml – 350 ml)



Suppositories/Ovules

Alu/PE or PVC/PE strips
(0,9 g - 6 g)



Secondary Packaging

Labeling, Cartoning, Serialization
and Aggregation

TECHNOLOGY FOOTPRINT

Two centers of excellence offering innovative and high quality product solutions



Carugate, Italy

- One-stop-shop for semi-solids and non-sterile liquids
- State-of-the-art infrastructure as a result of continued investments in core technologies:
 - ✓ New high speed liquid line
 - ✓ New 5000 L turbomixer
 - ✓ New 2700 pallet storage unit



Feldkirchen, Germany

- Competence center for semi-solids development and manufacturing
- Extensive formulation & development know-how
- Expertise with herbal extracts & essential oils
- Scalable bulk manufacturing
- Highly automated packaging

SITE OVERVIEW

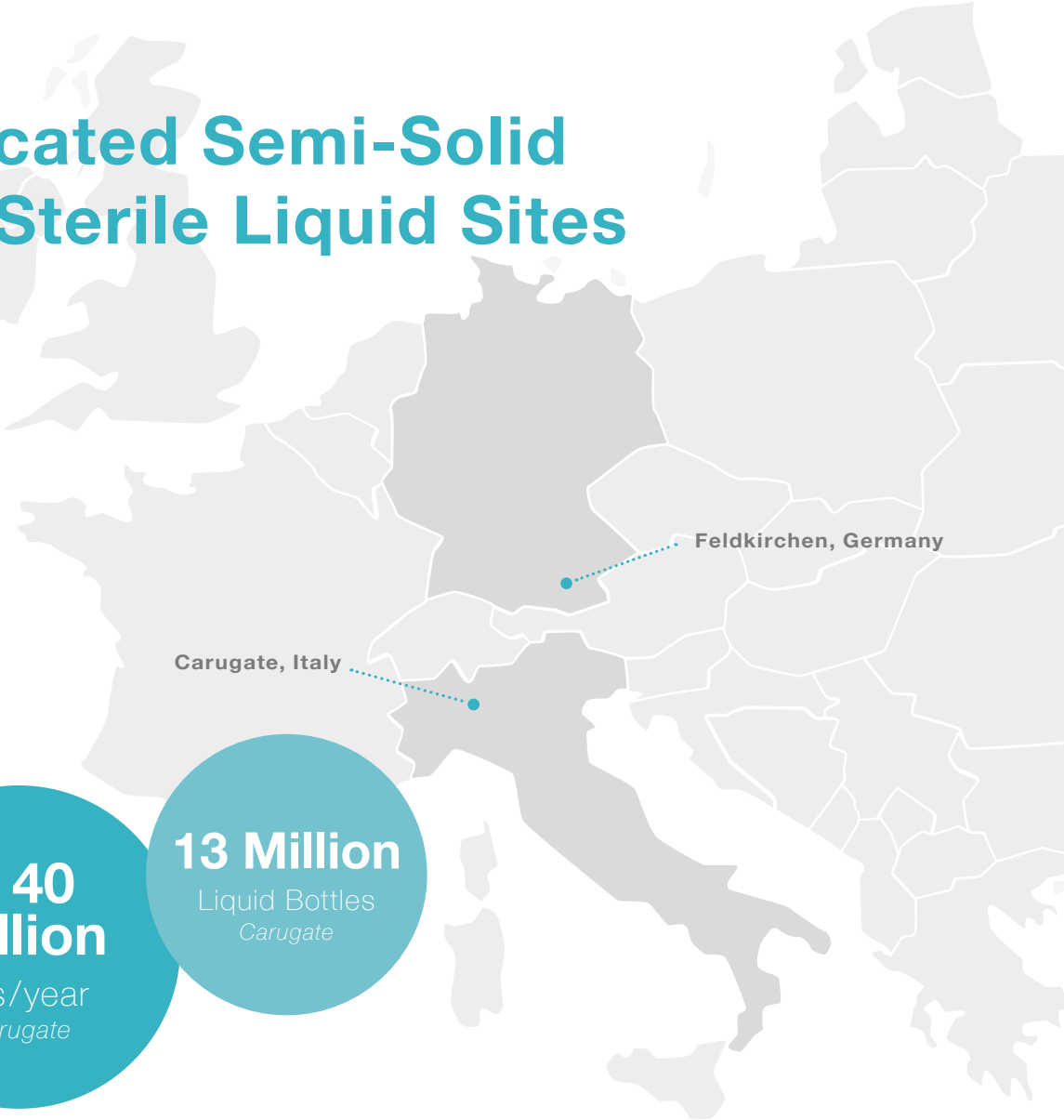
Two Dedicated Semi-Solid and Non-Sterile Liquid Sites

50 Million
Tubes
Feldkirchen

8 Million
Suppository Boxes
Carugate

> 40 Million
pcs/year
Carugate

13 Million
Liquid Bottles
Carugate



	Feldkirchen	Carugate
Statistics	<ul style="list-style-type: none"> FTE: 110 Registrations: EU-GMP, FDA, Russia, ISO 13485 	<ul style="list-style-type: none"> FTE: 135 Registrations: EU-GMP, SFDA, UAE for Medical Device, ISO 9001, ISO 13485, ISO 14001, ISO 45001
Key Capabilities	<ul style="list-style-type: none"> Development and manufacturing of creams, gels and ointments in tubes Rx, OTC, medical device, animal health, narcotics, cosmetics 	<ul style="list-style-type: none"> Manufacturing of creams, gels and ointments in tubes and jars Manufacturing of non-sterile liquids in glass and plastic bottles Manufacturing of suppositories/ovules in Alu/PE and PVC/PE foils Rx, OTC, medical device, animal health, cosmetics
Covered Segments	<ul style="list-style-type: none"> APIs up to OEB 4 Formulation & analytical development and transfer, process transfer 	<ul style="list-style-type: none"> APIs up to OEB 4 Analytical validation and transfer, process transfer

Why Choose Aenova?



Clinical Trial Material

Rapid realization of newly developed formulations for clinical supply



Scale-Up & Transfer

Consistent bulk manufacturing technology from 10 kg – 5000 kg



Optimization

Numerous successful transfers with manufacturing process improvements



Life Cycle Management

Solution driven mindset to adapt to evolving market needs



Natural Extracts

Expertise with herbal extracts & essential oils

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