

Zambon Vicenza Site presentation





VICENZA PLANT

GENERAL INFORMATION

VICENZA (ITA) History

The first step on the path that would lead to the "Zambon world" took place at Vicenza, in Italy, at the start of the 20th century.

1906

The new plant, larger and more operational, is inaugurated.

1944

A bombing destroyed the plant. Luckily it happened on a Sunday: this saved the lives of all Zambon employee. All the activities were moved but never stopped.

1946

The new pharmaceutical plant was inaugurated in Vicenza.

1962

To give the company greater internationality the HQ was moved to Bresso. Production remains in Vicenza.

1984

Health & Quality Factory
A scientific center that promotes health, science and innovation. A factory designed as a place of quality and knowledge that opens its doors to the public and the academic world.

2006

The intense activities continue for the realization of the new Marco Polo site for the production of Fluimucil® vials 300mg for the Chinese market.

2021

General Info Audits & Permits

AUTHORIZED BY

- *AIFA*
- *ANVISA*
- *Belarussian MoH*
- *Russian MoH*
- *FDA (ongoing)*

CERTIFICATION

Environment

**UNI EN ISO
14001**

✓ *Clinical batches bulk in oral solid*

✓ *Biological products*

✓ *Sexual hormones freeze dried*

Zambon Vicenza site: the Headcount



7 GENERAL & ADMINISTRATION



3 HEALTH & SAFETY



70 QUALITY OPERATIONS (QC 47 ; QA 23)



153 PRODUCTION



43 TECHNICAL SERVICES, AUTOMATION & INFRASTRUCTURE

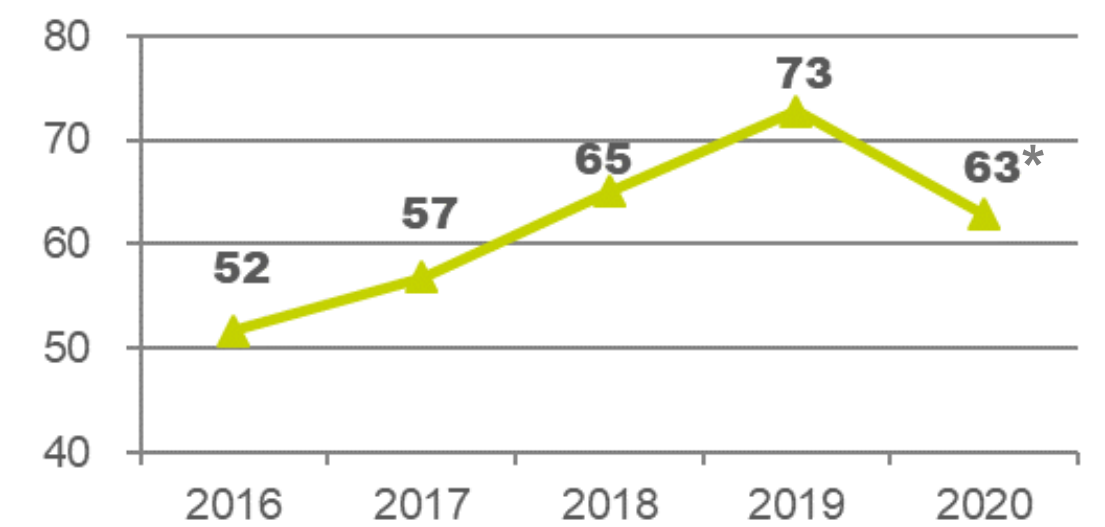


26 PLANNING & LOGISTICS

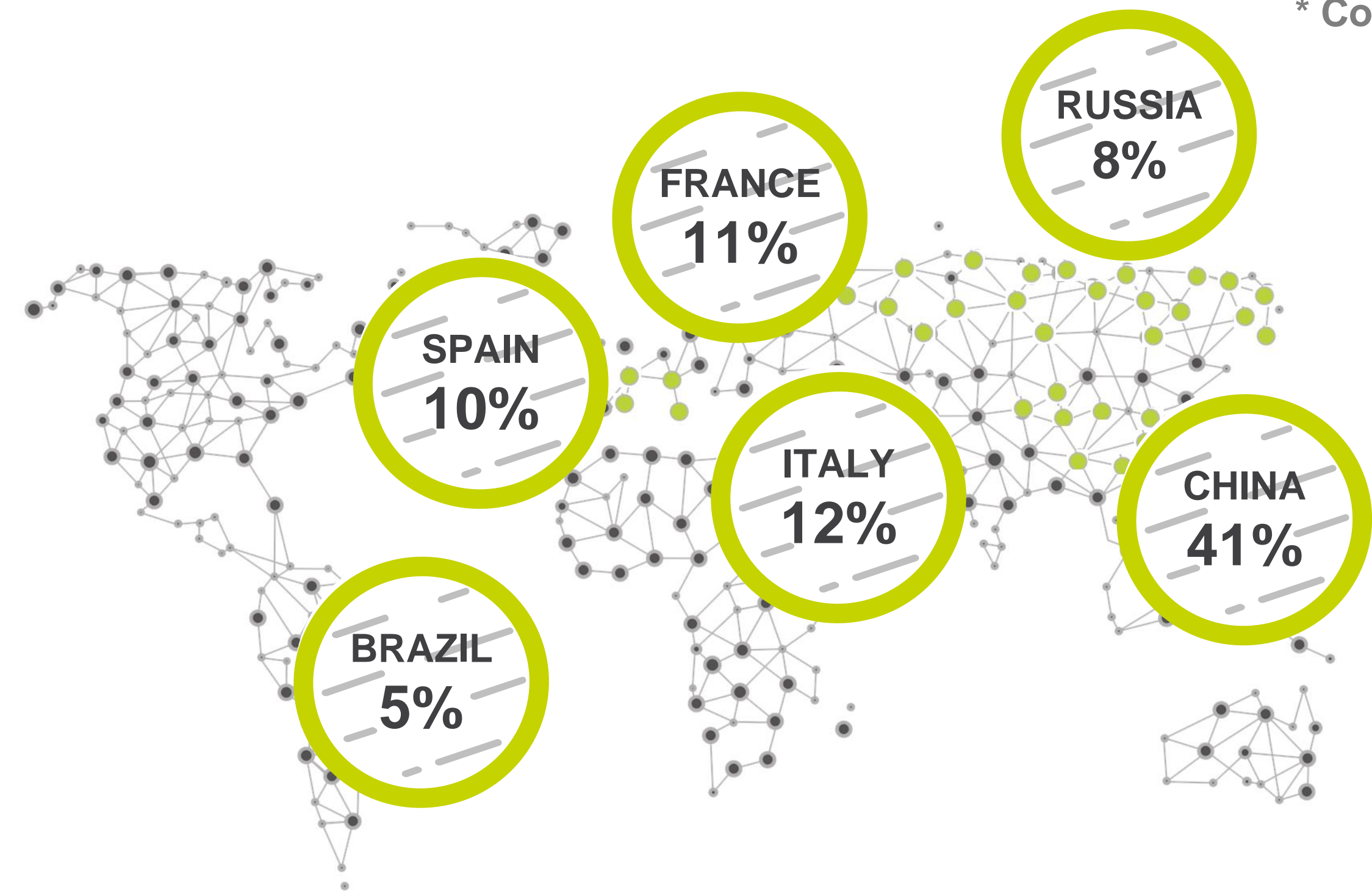
**Total site HC:
302**

Zambon Vicenza site: main figures

- Nearly **63 Mio** units produced on a yearly basis (2020)
- Yearly investments of **4,5 million** € for ordinary Capex
- More than **230** different SKUs
- About **88%** of the products are exported



* Covid-19 effect



The Vicenza Plant is centre of excellence for the production of sterile products (liquid ampoules, liquid vials -aseptic filling-, lyophilised vials), oral solids & liquid forms.

The Site area: main figures



General Informations

Total Site Area: **67.300 sq m**

- Buildings: **28.000 sq m**
- Ground Area: **39.300 sq m**

Walkable surface, considering each floor: **43.000 sq m**



Address: *Via della Chimica, 9*
Vicenza (VI) - Italy

Portfolio & Core Competence

COVERED BUSINESS SEGMENTS & CORE PRODUCTS

Contract manufacturing, technology transfers and analytics

Regulatory and pharmacovigilance services



Ampoules

LIQUID AMPOULES
(closed, final sterilization)



Solid

COATED & UNCOATED
TABLETS
EFFERVESCENT TABLETS
SUGAR COATED



Vials

LIQUID vials (aseptic filling)
LYOPHILISED vials



Liquid

VIAL AND BOTTLES
SYRUPS FROM 50 TO 200ML
DROPS FROM 8 TO 15ML

The site area: Capacity & Capabilities

- **Solid Dosage Form 650 Mio tabs/year**
 - Coated & Uncoated tablets
 - Effervescent tablets
 - Sugar coated
- **Liquid Dosage Form (Syrups, Liquids, Drops and Suspension)**
 - Vials **24 Mio**
 - Bottles **22 Mio**
- **Sterile Filling:**
 - Liquid ampoules closed, final sterilization **400 Mio**
 - Vials (aseptic filling) & lyophilised vials **33 Mio**
- **Packaging lines:**
 - Solids: **no. 3** Blister Alu-Alu - Blister Alu-PVC
 - Liquids: **no. 3** (1 for Drops and 2 for Syrups)
 - Steriles: **no. 4** (2 for Ampoules, 2 for Ampoules&Vials)



Solid

COATED & UNCOATED TABLETS
EFFERVESCENT TABLETS
SUGAR COATED



Liquid

VIAL AND BOTTLES
SYRUPS FROM 50 TO 200 ml
DROPS FROM 8 TO 25 ml



Ampoules

LIQUID AMPOULES
(closed, final sterilization)
FROM 1 TO 20 ML



Vials

LIQUID vials (aseptic filling)
LYOPHILISED vials

STERILE PRODUCTS

TECHNOLOGY Bulk Injectable Ampoules

Autoclaves

5 lines

Compounding

4 lines

Filling machines

11 lines

**Inspection machines
with leak detection**

6 lines



TECHNOLOGY Bulk Injectable Vials

- ✓ Compounding
- ✓ Vial Washer
- ✓ Sterilizing Tunnel
- ✓ Filling And Stoppering Machine
- ✓ Freeze Dryer 27 Sm Surface (2 Macs)
- ✓ Fd Alus (Automatic Loading Unloading System) (2 Macs)
- ✓ Fd Alus (Automatic Loading Unloading System) (2 Macs)
- ✓ Crimping Machine

High Autom Lyo Department

Coming soon, 30 Mio € Capex

- ✓ 2 Compoundings: 1 With Homogenizer;
1 Without Homogenizer
- ✓ Vial Washer
- ✓ Sterilizing Tunnel
- ✓ Filling And Stoppering Machine Under Isolator
- ✓ Freeze Dryer 30 Sm Surface (2 Macs)
- ✓ Fd Loading System Under Isolator With
Automatic Pusher
- ✓ Crimping Machine Under Isolator

3B Department

TECHNOLOGY Injectable Packaging

- ✓ **Packaging Line 8 for Ampoules**
- ✓ **Packaging Line 9 for Ampoules**
- ✓ **Packaging Line 3 for Ampoules & Lyos**
- ✓ **Packaging Line 6 for Ampoules & Lyos**



NON STERILE PRODUCTS

TECHNOLOGY Solids

Bulk

- ✓ Compactor WP 149
- ✓ Biconic Mixer
- ✓ Rotogranulator 020
- ✓ Rotogranulator 001RT
- ✓ Fluid Bed Granulator
- ✓ Tablet Press Machine LX21
- ✓ Tablet Press Machine GRP34
- ✓ Tablet Press Machine SYNTESIS 700
- ✓ Coating Machine 200 L
- ✓ Coating Machine 500 L
- ✓ Coating Machine 400 L

Packaging Blisters Alu-Alu - Blisters Alu-PVC

- ✓ Packaging Line 4 for Tablets
- ✓ Packaging Line 5 BIS for Effervescent Tablets
- ✓ Packaging Line 7 for Tablets



TECHNOLOGY Liquids

Bulk

- ✓ 2 Reactors for Drops (1.300 - 4.600 L)
- ✓ 2 Reactors for Syrups (3.500 - 8.000 L)
- ✓ Intermediate Liquid Storage Tanks (4)
- ✓ Raw Material Tanks (2) - 8.000 L

Packaging

- ✓ Packaging Line 1 for Drops
- ✓ Packaging Line 2 for Syrups
- ✓ Packaging Line 2 BIS for Syrups



MARCO POLO

Marco Polo Development Plan



The Factory Today

67.300 sq m total Surface

28.000 sq m Buildings

43.000 sq m Walkable surface, considering each floor

45 Mio packs Total Ampoules Capacity

Operating from Q4 2021

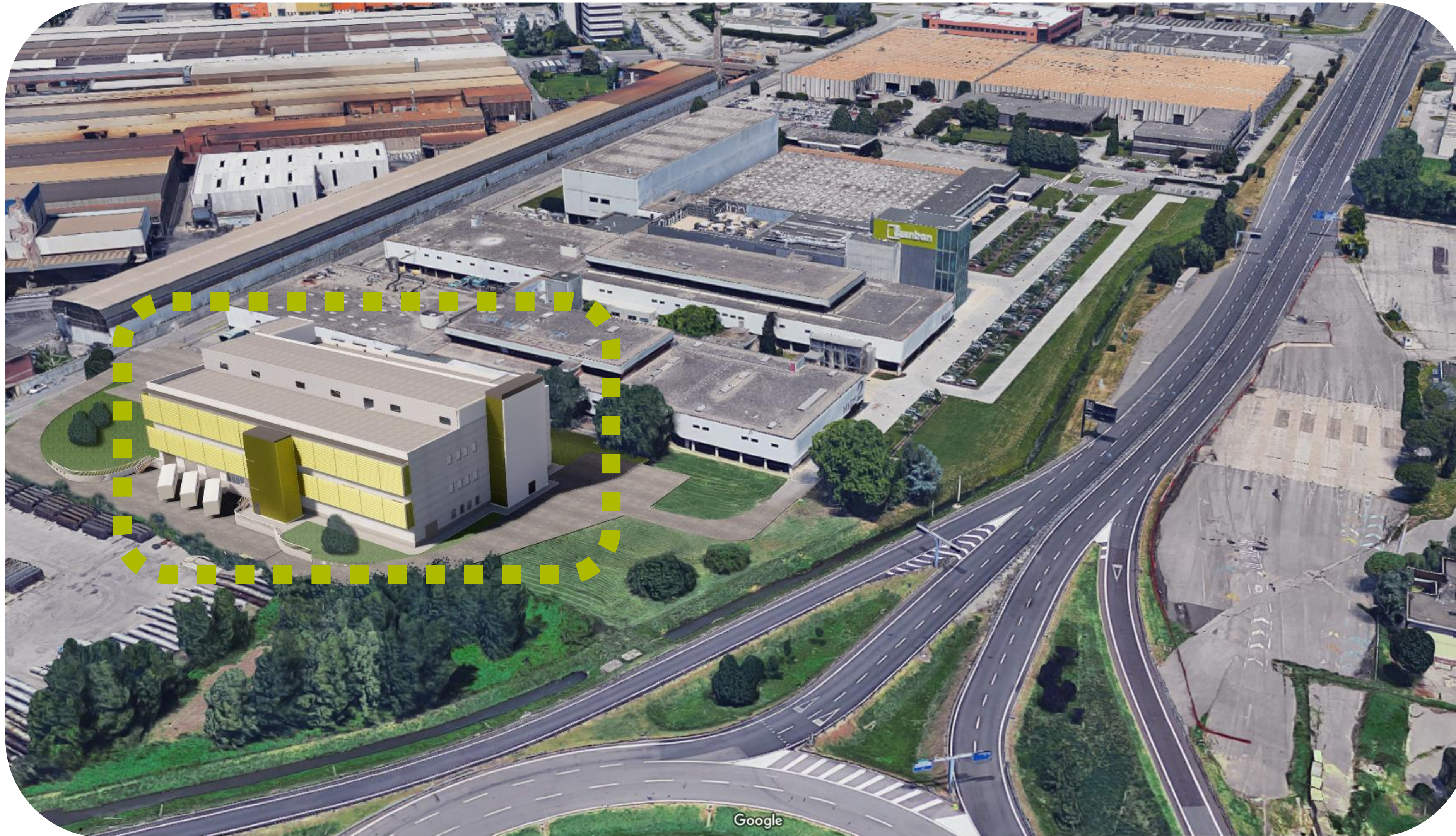
+2.300 sq m Floor surface

Investment
27,5 Mio €

+7.800 sq m Walkable surface, considering each floor

100 Mio packs Total Ampoules Capacity

Rendering Marco Polo





**THANK
YOU**