



Recipharm

STERILE FILL & FINISH

— FIT FOR THE FUTURE

May 2022



A TOP FIVE GLOBAL CDMO

9,000

We have almost nine thousand employees

100+

Supplying more than one hundred markets around the world

30+

Development and manufacturing facilities in Europe, Israel, USA and India

1,000+

Every minute over one thousand people use one of our products

€ 1.1 bn

Net sales

400+

Over four hundred customers

OUR BUSINESS FOCUS



**STERILE
FILL & FINISH**

Aseptic fill & finish development
and manufacturing across
biologics & small molecules



**ORAL
SOLID DOSAGES**

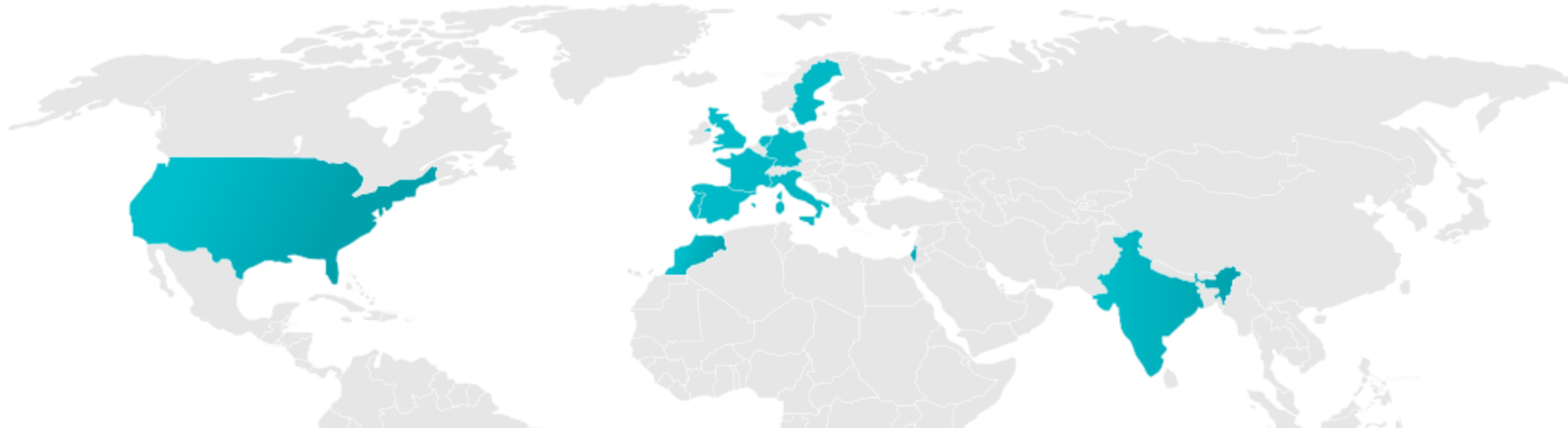
Development and manufacturing
solutions for oral delivery of
medicines



**ADVANCED
DELIVERY SYSTEMS**

Drug/device combinations
targeting inhalation and
injectables

LOCALLY PRESENT FOR YOUR GLOBAL NEEDS



STERILE FILL & FINISH

France
Kaysersberg
Monts

Italy
Lainate
Masate
Brescia

Morocco
Casablanca*

India
Karnal/
Paonta Sahib
Selaqui*

Germany
Wasserburg

Sweden
Solna



ORAL SOLID DOSAGES

Sweden
Höganäs
Karlskoga
Solna
Strängnäs
Uppsala

Portugal
Odivelas
Queluz

Germany
Monheim
Zwickau

Spain
Leganés
Parets

India
Bengaluru

Italy
Paderno
Dugnano
Pianezza

France
Pessac

Israel
Yavne



ADVANCED DELIVERY SYSTEMS

UK
Cambridge
Holmes Chapel
King's Lynn

Germany
München

Netherlands
Enschede

USA
Research
Triangle
Park



ADVANCED THERAPY MEDICINAL PRODUCTS

USA
Arranta Bio, Watertown
Arranta Bio, Boxborough
Vibalogics, Boxborough

Germany
Vibalogics, Cuxhaven

Portugal
GenIbet, Oeiras

RELIABLE, ROBUST & READY

TO MEET YOUR STERILE FILL & FINISH NEEDS

1,500+

Over fifteen hundred
dedicated people

50+

Over fifty lines
at eight facilities

100+

Over a hundred global
sterile fill & finish clients

1,000L

Up to one thousand
litre batch sizes

**Liquids
Lyophilization
Cartridges**

Liquid vials



Blow-fill-seal



Lyophilized vials



FROM START TO FINISH
– fill & finish of small &
large molecules

Cartridges



Ampoules



Pre-filled syringes



EXPERIENCE THE PROBLEM-SOLVING POWER OF OUR PEOPLE AT EVERY STAGE

FORMULATION
DEVELOPMENT



STERILE
FILL & FINISH



COMMERCIAL
PRODUCTION



CLINICAL
MANUFACTURING



ANALYTICAL
SERVICES










DELIVERY TO
PATIENT



OUR FLEXIBLE STERILE FILL & FINISH FACILITIES

A WIDE RANGE OF OPTIONS

	WASSERBURG Germany	MONTS France	KAYSERSBERG France	BRESCIA Italy	MASATE Italy	CASABLANCA Morocco	SELAQUI India	KARNAL/ PAONTA SAHIB India
 LIQUID VIALS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 LYOPHILIZED VIALS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
 PRE-FILLED SYRINGES/ CARTRIDGES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
 DRY POWDER INJECTABLE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 AMPOULES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 BLOW-FILL-SEAL	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 REGULATORY APPROVAL	EMA/ FDA/PDMA /ANVISA	EMA/ FDA	EMA/ FDA/PDMA /ANVISA	EMA/ FDA	EMA	EMA ¹	EMA ¹	India local market

A CLOSER LOOK AT GLOBAL SUPPLY

A TALE OF TWO SITES

WASSERBURG GERMANY

ANNUAL CAPACITY

Liquids: **85M**
Lyophilization **33M**
PFS & Cartridges **40M**

COMPONENT SIZE

Liquids: **2R-8R/L**
Lyophilization **2R-70H**
PFS & Cartridges **0.5-10 mL**

BATCH SIZE

Liquids: **2R-8R/L**
Lyophilization **2R-70H**
PFS & Cartridges **0.5-10 mL**

FORMULATION

Stainless steel

CONTAINMENT

RABS and Conventional

FILLING MECHANISM

Peristaltic and Piston

FILLING VOLUME

0.5-10.1mL

REGULATORY APPROVAL

EMA/FDA/PDMA/ANVISA

MONTS – New line FRANCE

ANNUAL CAPACITY

Liquids: **100M**

COMPONENT SIZE

Liquids: **2R-15R**

BATCH SIZE

Liquids: **200-1,000L**

FILLING VOLUME

TBD

FORMULATION

Stainless steel

CONTAINMENT

RABS

FILLING MECHANISM

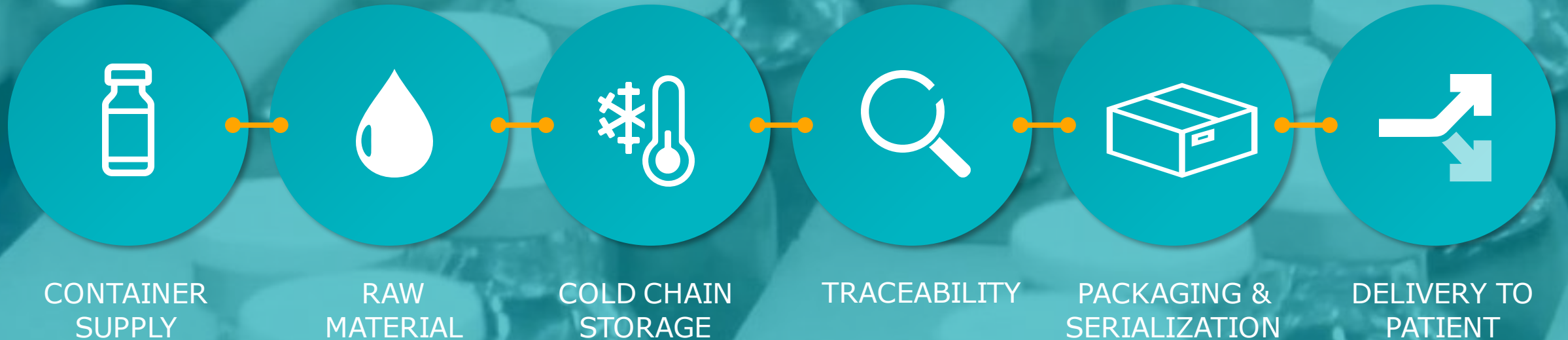
Peristaltic

REGULATORY APPROVAL

EMA (Q3 2022)

INSPECTION & PACKAGING Manual | Semi-automatic | Automatic inspection options | Labeling and packaging (including serialization & aggregation)

TRUST RECI PHARM TO TAKE YOUR PROJECT OVER THE FILL/FINISH LINE



EXPANSION PLANS

CASABLANCA AND MONTS

NEW FACILITY IN CASABLANCA

- Dedicated facility to produce vials and vaccines in syringes
- Three industrial lines which are forecast to produce more than 100 million units in 2024
- Constructed on a 30 hectare greenfield site and is expected to be operational by 2023

NEW LINE IN MONTS

- State-of-the-art, high-speed filling line
- Able to fill 400 vials a minute, with the capacity for more than 100 million vials per year
- >5 fold increased filling speed allowing temperature sensitive biologics to be filled
- Automated visual inspection and container closure integrity testing features
- Fully commissioned in Q2 of this year and is expected to be operational for commercial production in Q3

OUR SUSTAINABILITY FRAMEWORK



Recipharm contributes towards & focuses on these four UN SDGs



Access to medicines & vaccines, reduction in pollution



Protect labour rights & promote a safe workspace



Minimize emissions & waste, integrate sustainability into reporting



Reduce GHG emissions

Policies and guiding principles

Policies such as Code of Conduct, Supplier Code of Conduct and Environmental policy

Commitment to UN Global Compact Principles

Sustainability reporting according to Global Reporting Initiative

Carbon emission disclosure according to CDP (B-)

AMR Industry Alliance Framework



Our core values

Reliability

Entrepreneurship

Professionalism

Tenacity

FIT FOR THE FUTURE



1

ONE PARTNER FOR SMALL AND LARGE MOLECULE PROJECTS

Whether you have a small molecule or large molecule project, we have the expertise and capacity to help.

2

LARGE YET LOCAL

Our global scale means we have the capacity and the stability to deliver commercial projects, with experts on hand to provide personalized support when you need it.

3

INVESTED IN BIOLOGICS

We are constantly investing in our capacity to deliver high-volume sterile filling for biologics products, so we can continue to meet your aseptic filling needs well into the future.

4

THE PROBLEM- SOLVING POWER OF OUR PEOPLE

The breadth and depth of our knowledge and experience means we have the ability to solve your problems when others can't.

5

RELIABLE SUPPLY TIME AFTER TIME

Our centralized procurement offers unbeatable buying power, so you can count on us to deliver for you every time.

COUNT ON US TO DELIVER SAFE, QUALITY PRODUCTS

➔ **39 inspections**
at sterile facilities by regulatory
authorities in the last 5 years

➔ **142 customer audits**
in the last 5 years

➔ **73 new products/new registrations**
in the last 5 years



