



aspen

N O T R E D A M E
D E B O N D E V I L L E

GENERAL PRESENTATION

Healthcare. We Care.





Aspen is a **global supplier** of branded and generic **pharmaceutical products**



Aspen products are provided in more than **150 countries** around the world. Products are divided in **3 therapeutic categories** : Thrombosis, anaesthetics, cytotoxics



16 manufacturing sites of pharmaceutical products on **6 continents** (North and South America – Asia – Africa – Oceania – Europe)



More than **10 000 employees** all around the world

Manufacturing sites in Europe

3

Aspen Oss, The Netherlands

850 employees

Manufactures chemical and biochemical active pharmaceutical ingredients

Aspen Notre-Dame-de-Bondeville, France

720 employees

Manufactures finished form pre-filled syringes

Aspen Bad Oldesloe, Germany

450 employees

Manufactures finished form tablets, creams, liquids and nebulas



Our Products

4



FRAXIPARINE™ / FRAXODI™

Low molecular weight heparin indicated for venous thromboembolic events

100 million units shipped



ARIXTRA™

Unique synthetic injectable inhibitor of Factor Xa approved for a range of uses in VTE treatment/prophylaxis and treatment of acute coronary syndromes

30 million units shipped



MONO EMBOLEX™

Low molecular weight heparin indicated for venous thromboembolic events

30 million units shipped



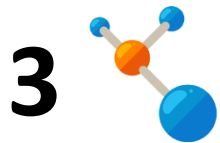
DILUANTS

Production of diluents syringes for third part contractor, used for reconstitution of vaccines prior to injection or oral administration

15 million units shipped

Our key figures

5



3

Active ingredients

720



Employees

92% of production
shipped internationally



(105 countries)

317



SKU shipped

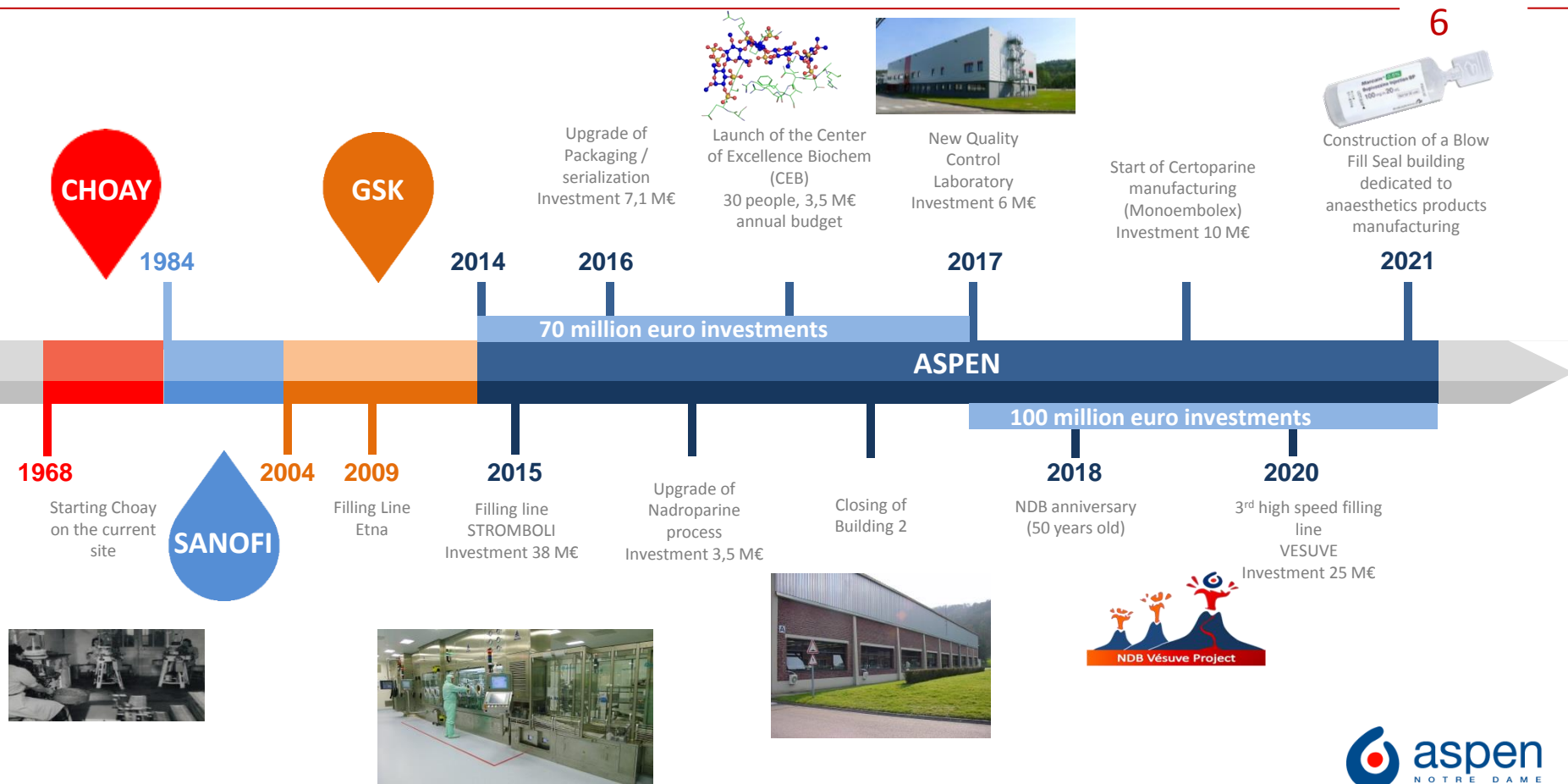
165 Million

units shipped



>90% OTIF with an
average of 134 orders per
month

Our history



L'arrivée des anesthésiques

7

65

Million euro investments

46

Million single doses ampoules
(polyethylene and
polypropylene)

2

Million infusion bags



100

recruitments

8000

M²

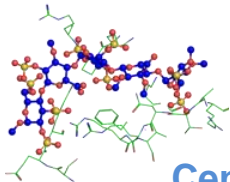
1

new production building



A site of excellence for the Aspen Group

8



CEB Center of Excellence Biochem

Main mission for the supply chain and production of Biochem ASPEN products :

- Provide **technical support**
- Define a common **quality and regulatory** approach
- Provide supervision from a **performance** and **project management** point of view

The Center of Excellence Biochem will focus on the active ingredients associated with ASPEN's portfolio of anticoagulant products :

Danaparoide sodium (Orgaran®)
Nadroparine calcium (Fraxiparine®/Fraxodi®)
Fondaparinux sodium (Arixtra®)



CES Center of Excellence Sterile

- Mutualize **key skills**
- Actively participate in international **conferences, seminars** and **forums** (PDA, SFSTP, PIC, etc.)
- Harmonize **practices** (Quality, Regulation...)
- **Develop skills** / aptitudes for the future
- Assist sites and external partners in **problem solving** and **technology choices**
- Improve the sites and the supply chain **performance**



NDB PEOPLE

Healthcare. We Care.



OUR VALUES

INTEGRITY
INNOVATION
EXCELLENCE
ENGAGEMENT
TEAM WORK





**QUALITY & RESPONSIBLE
PHARMACIST**
Ingrid TOUZET

Director



PRODUCTION
Simona VLASA

Director



SITE MANAGEMENT
Jean-Charles ROUSSET

Managing Director



LOGISTICS & PROCUREMENT
Arnaud BEAUDOUIN

Director



TECHNICAL
Didier SIMION

Director



S.H.E
Luc PARENT

Director



FINANCE
Rabah RAFA

Director



**TRANSFORMATION, HR &
COMMUNICATION**
Vincent Philibert

Director



LEGAL, ETHICS & COMPLIANCE
Pauline Charles

Senior Manager

820 Employees & Subcontractors



44% women - **56%** men

Professional equality score **87/100**

43 on-the-job training students

17 trainees

20 part-time students

42 years Average age

17 000h training

24 pharmacists

A committed team



Site employees engaged to support local associations



Don de la Société ASPEN

Au sein du site pharmaceutique ASPEN de Notre Dame de Bondeville en Seine-Maritime, des bénévoles s'engagent pour assurer la santé et la sécurité au travail. En plus de cet engagement au sein de l'entreprise, envers leurs collègues, ces hommes et femmes font preuve d'une grande générosité en menant des actions tout au long de l'année au profit des associations.

C'est ainsi que pour la deuxième année consécutive, les pompiers bénévoles d'ASPEN ont pris l'initiative d'organiser la vente de calendriers et décidé de faire profiter l'argent ainsi récolté à trois associations de leurs cœurs, dont Xzaordinaire. 250 € ont ainsi été récoltés pour l'association Xzaordinaire.

La société avait donc décidé d'organiser un lunch sur le site de l'usine le vendredi 05 octobre dernier pour remercier les pompiers aux grands cours et remettre les dons aux 3 associations.

Une nouvelle fois, c'est avec une grande émotion que nous remercions chaleureusement tous ces bénévoles pour leur engagement fidèle envers Xzaordinaire.

Adèle Degardes



A dynamic community





OUR PRODUCTION EQUIPMENT

Healthcare. We Care.



Our production facilities

16

3 API manufacturing workshops



4 inspection lines



5 packaging lines



3 sterile filling lines

The new quality control laboratory has been launched in 2017: quality control laboratory activities: from sample receipt to analysis results

2500

M²

3

Divisions (Physical Chemistry, Microbiology, Packaging items control)



WAREHOUSE

15

Meter high

3

Teams

7000

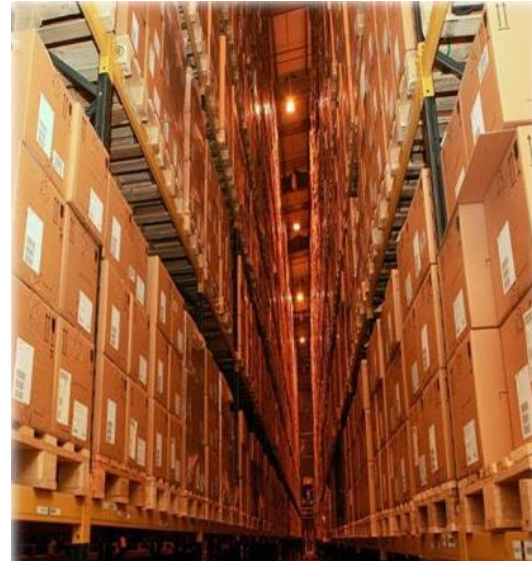
pallets

1

Class C room for sampling
operations

15-25

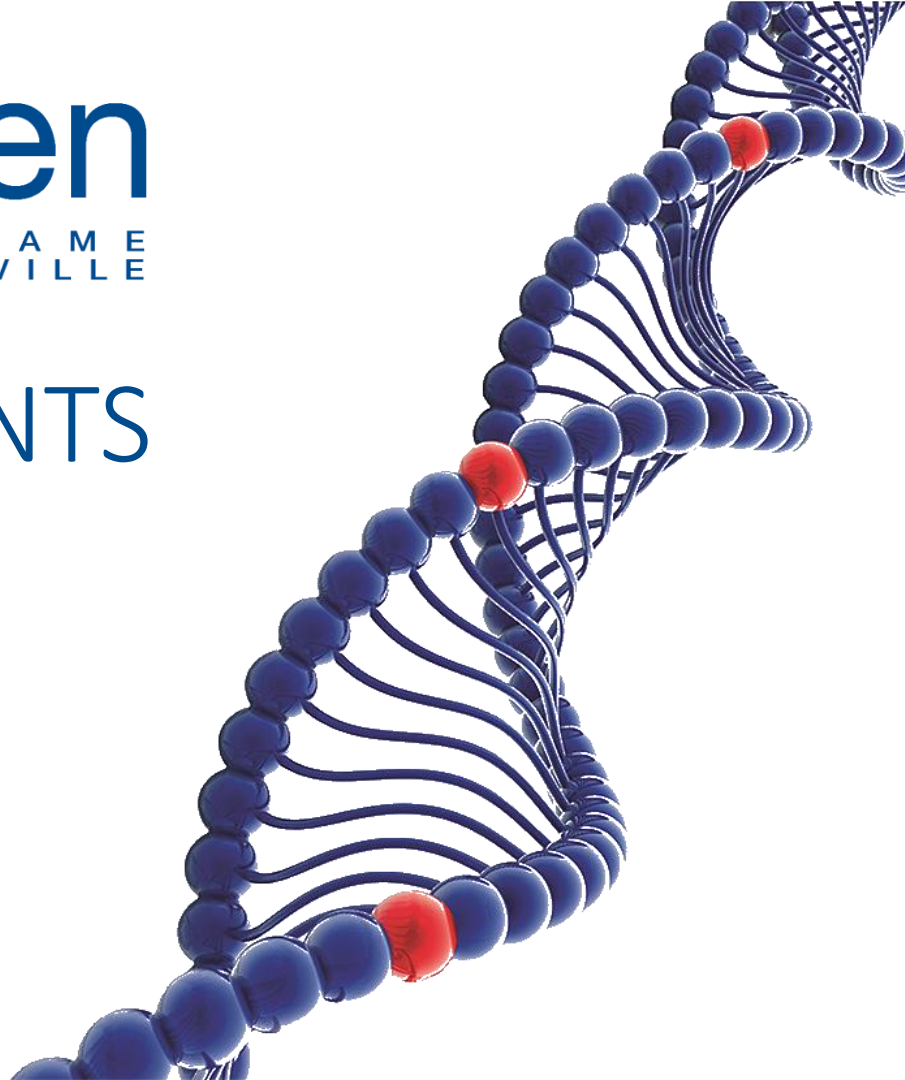
Degree
(controlled temperature)





OUR COMMITMENTS

Healthcare. We Care.



- Aspen NDB site has a Management System certified by DQS for OHSAS 18001, ISO 14001 and ISO 50001 standards
- Based on continuous improvement, our SHE policy reflects the management's commitment into areas for progress such as:
 - Reduction of injuries
 - Improvement in Quality of WorkLife
 - Control of energy consumption and quantity of waste
 - Control of environmental aspects and risks of pollution
 - Compliance with our commitments to the authorities and the Aspen Group



Environment performance

21



Investment 3,2 M€
Invested for the environment
since 2010



79%
reduction from
2010 to 2018



0 waste buried since 2012

Reduction of **33 %** from 2010 to 2018

82% of waste is recycled



48%
reduction
from 2010 to
2018