

OMNIS at SNF

Florent DUBIEN. 14/05/2025



Summary

1. SNF company presentation
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 - 2.2 OMNIS in SNF Group
3. OMNIS programming at SNF
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 - 3.5 Development Teams organization
 - 3.6 Challenges

SNF presentation

Florent DUBIEN. 14/05/2025



About SNF

2024

We are a **specialty chemical** company,
world leader in polyacrylamide
production

€4.7bn **8,800**
2024 Revenue 2024 Total Employees

500K **57%**
End-Users 2024 Market Share

Privately held company
Founded in 1978

We are an **expert in water chemistry** and
our products are used in all applications
using water

Flocculation
SOLID/LIQUID SEPARATION

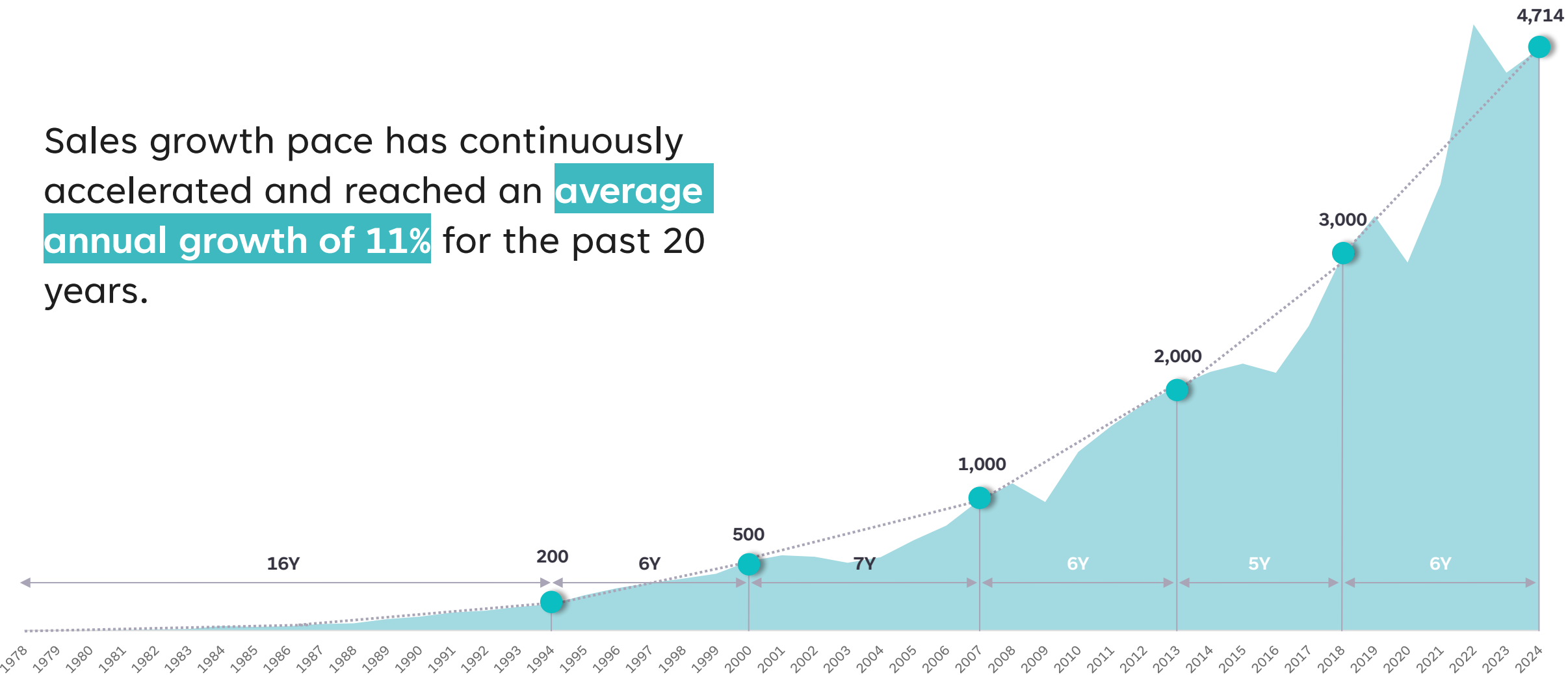
Drag Reduction
REDUCED ENERGY CONSUMPTION FOR PUMPING

Viscosity Modification

Historical Sales Growth

(€ million)

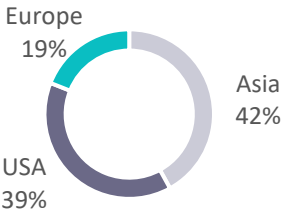
Sales growth pace has continuously accelerated and reached an **average annual growth of 11%** for the past 20 years.



Global Manufacturing Footprint

As of Dec. 31, 2024

PAM CAPACITY: 1,535 kT



- SNF Group Headquarters
- Major Sites
- Satellite Sites



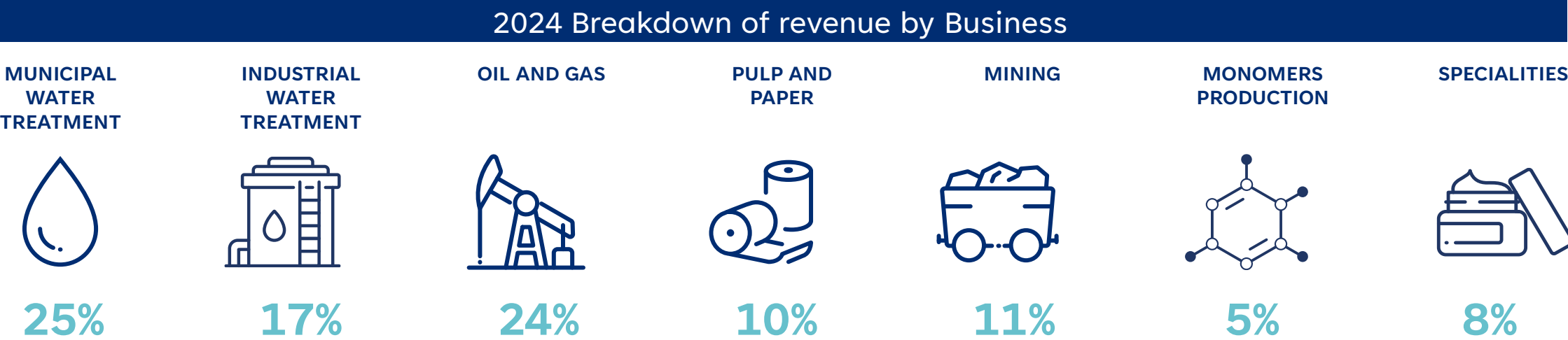


SNF Activities

Business areas

Battling Water Scarcity

AND PRESERVING NATURAL RESOURCES IN ALL OUR MARKETS



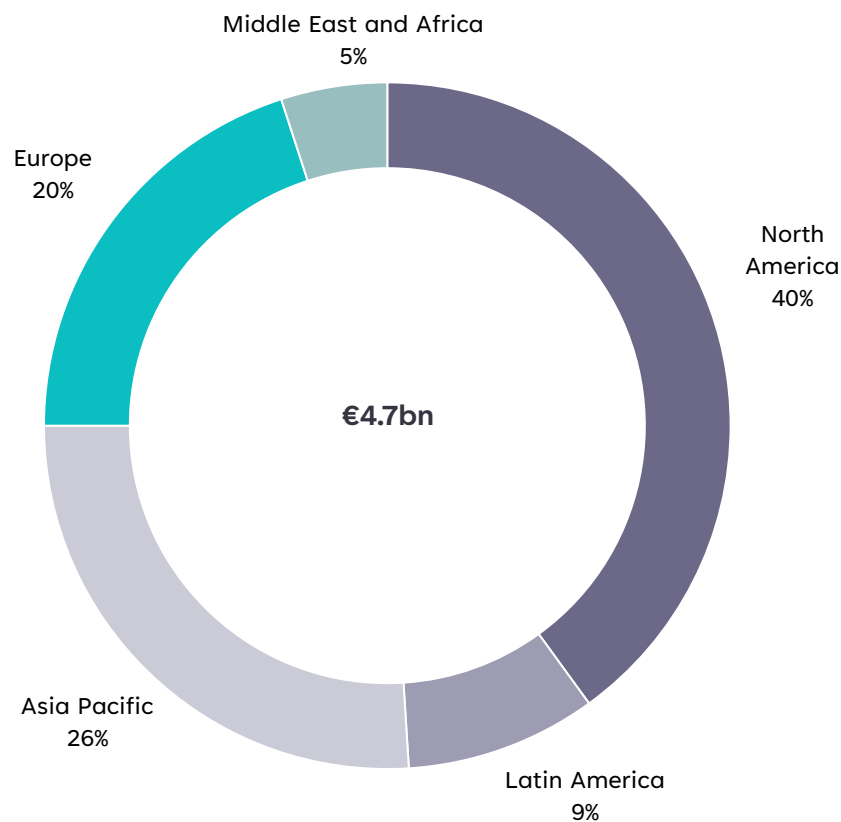
Specialties include



Diversified Business Model

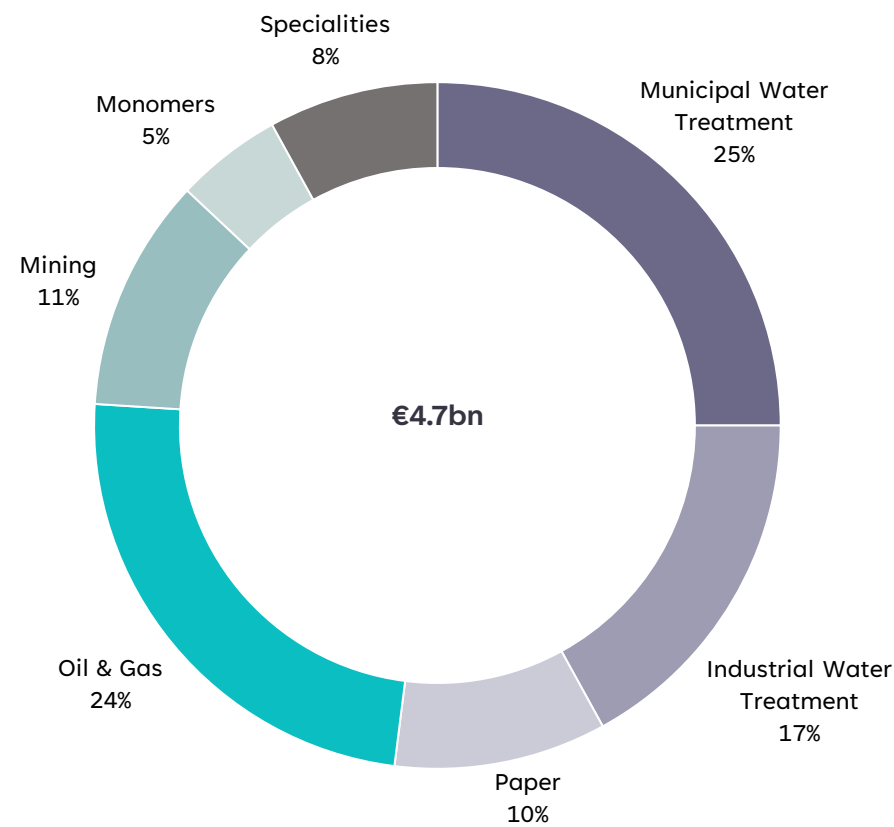
ACROSS GEOGRAPHIES AND INDUSTRIES

SALES BY GEOGRAPHIES



12M24

SALES BY MARKETS



North America is our largest area of sales at 40%, followed by Asia Pacific at 26%.

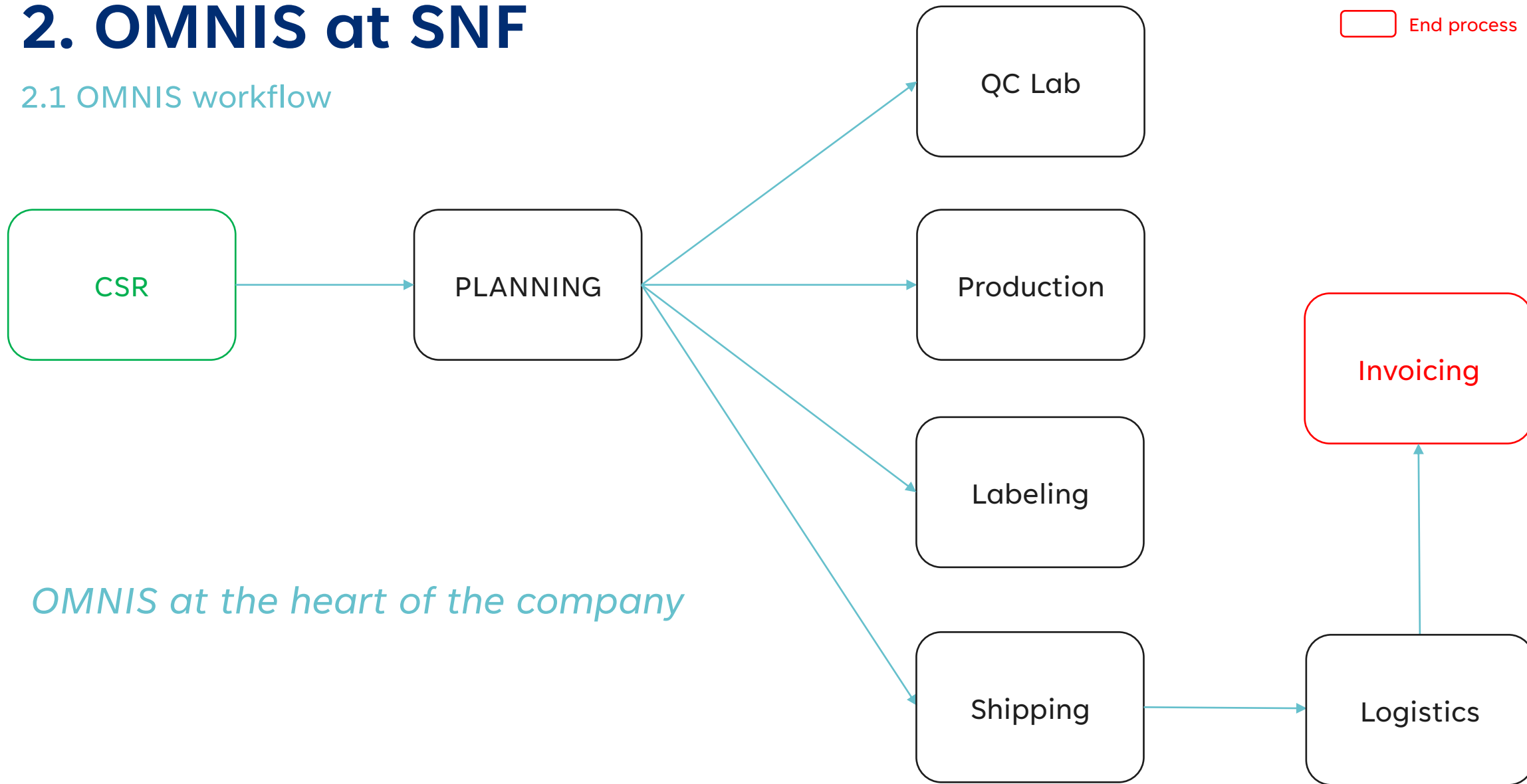
OMNIS at SNF

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2. OMNIS at SNF

2.1 OMNIS workflow



2. OMNIS at SNF

2.1 OMNIS workflow

(Fat Client)

- Other type of **products manufacturing**
- Materials overview with **Safety Data sheet**
- **Inventory** shot, **scan** with anomaly generation
- **Margin** cost calculation
- **Maps** (finish goods, pallet transit, awaiting pallets)
- **Waste** pallets management
- **Samples** outputs management
- **Complaints / Non conformity**

(Web)

- Management of **changes**
- **Accidents / Incidents** tracking
- **Contracts** following
- **Prices** lists
- **Trucks** controls
- Internal **audits**
- **Pallet scanning**
- **CRM** tool
- Personal Care formulation

New needs, new modules every year

2. OMNIS at SNF

2.2 OMNIS in SNF Group

	FRANCE	CHINE	INDE	UK	USA
	SNF FRANCE - Andrézieux - Saint Avold - Strasbourg - Dunkirk	SNF CHINA - Taixing - Rudong	SNF INDIA - Visakhapatnam FLOPAM INDIA - Gandhidham	SNF UK - Billingham	SNF USA - Riceboro - Plaquemine - Others sites
Nb Users (Approx)	750	350	100	50	700
Nb developpers	6	4	1+1	0	8

More than 1000 users per days

OMNIS programming at SNF

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3. OMNIS at SNF

3.1 OMNIS history

- 1994 : OMNIS 7
- 2006 : Informix to Oracle
- 2009 : OMNIS US
- 2010: OMNIS 7 -> OMNIS 3.2 / 4
- 2014 : OMNIS China
- 2016 : OMNIS 4 → OMNIS Studio 6 and 8
- 2018 / 2022 : OMNIS India (2018 Vizag / 2022 Gandhidham)
- 2022 :
 - OMNIS 8 -> OMNIS 10
 - Increasing of OMNIS Web sites
 - OMNIS on phone / Tabs
- 2023 : OMNIS UK
- 2025 : OMNIS 10 -> OMNIS 11



3. OMNIS at SNF

3.2 Technical configuration



Database : Oracle

One instance by subsidiary

The environments : Development / PRE-Production / Production

Partial continuous copy from headquarter to subsidiaries with Golden Gate



Fat client : installation on each computer by Kace

One library for all

Updating at OMNIS launch with database comparison (date + checksum)



VCS to manage all resources

(Library is about 80 MB)



Web client

4 servers (Windows Server) : 1 Development / 2 production (intranet) / 1 Extranet)

3. OMNIS at SNF

3.3 Fat client

- Module access by Microsoft Active Directory groups
- Computers...

Gestion des déchets							
Etat :	☒ Tous	☐ Liquide	☐ Solide	☐ Pâteux	Número :	Nom :	Du : Au :
Type de traitement :					Activité :	Type de déchet :	Entités :
Número	Type	Traitement	Produit / Equipement / Zone concernée	Batiment	Travée	Poids brut	Emplacement
127531 - 1 - 1	Nettoyage	Externe	NETTOYAGE EQUIPEMENT	BAT.A	BILLES 1	500,00 kg	BAT.07
127524 - 1 - 1	Nettoyage	Externe	NETTOYAGE EQUIPEMENT	BAT.C	SD26	814,00 kg	BAT.15
127522 - 2 - 1	Package	Externe	Résidu paroi	BAT.C	SD26	532,00 kg	BAT.15
127522 - 1 - 1	Package	Externe	Résidu paroi	BAT.C	SD26	532,00 kg	BAT.15
127508 - 1 - 1	Nettoyage	Interne	EAU + EMULSEUR	BAT.F2	PPP3	30,00 kg	BAT.17
127505 - 10 - 1	Eau à monter en cuve d'eau sale	Interne	LAVAGE REACTEURS E450	BAT.F2	BILLES 3	1000,00 kg	BAT.17
127505 - 9 - 1	Eau à monter en cuve d'eau sale	Interne	LAVAGE REACTEURS E450	BAT.F2	BILLES 3	1000,00 kg	BAT.17
127483 - 1 - 1	Nettoyage	Interne	NETTOYAGE DE LIGNE A4	BAT.D	ATBS	575,00 kg	BAT.23
127419 - 1 - 1	Divers	Externe	INTERFACE T78 - T79	BAT.D	MELANGE	750,00 kg	BAT.14
127326 - 5 - 1	Divers	Externe	INTERFACE T78 - T79	BAT.D	TRAVEE 1	1075,00 kg	BAT.11

Classic windows : List demand and modify it

Modification de la palette 125959 - 4 - 1

Type de traitement : Interne

Interne=étiquette bleue Externe= étiquette rouge

Activité : Solides

Procédé : EXTERNE

Entités : BAT.D - D879

Type de déchet :

☒ Liquide ☐ Solide ☐ Pâteux

Produit / Equipement / Zone concernée : EAU DISTILLA

Dangereux : ☐ si dangereux pour le transport s'assurer que l'emballage est agréé UN

Lot : F78925

Poids brut : 1111,00 Kg

Contenant : 1 * Container (IBC)

Commentaire : pas trouvé

Nom : F.DUBIEN

Date : 29/04/25

Supprimer la palette

Abandonner

Enregistrer

3. OMNIS at SNF

3.3 Fat client

Groupe

Atelier

Lieu

Lancement

Solids Gur

Partial dry

High precip

Fare Cret

Projects

TW/FW process

Période : < 28/04/25 08/05/25 >

Rechercher

Export arrêts ateliers

Rouge : atelier indisponible

Gris : production terminée

Bleu : production prévue

Jaune : prévision

Vert : atelier disponible

Lancements :

	PRODUIT LANCEMENT		ATELIER				
	AD12	AD13	EF78Z	D592	PO984	PO145	WSF15
WK 18	SOLU TRITON 35	SOLU TRITON 35		RG ER 9818			PEU ART HG
28- Avril	EA1110 29/04 2 FT / 20275	EF45565 28/04 11 FT / 30125		ZF4459 29/04 3 FT / 20000			4ZFPO4459 29/04 4 FT / 31000
29- Avril	RE 7005 EA1111 02/05 16 FT / 51800	RF 9818 29/04 EF45566 14 FT / 54493		SOLU TRITON 06/05 ZJ4460 1 FT / 19440			CEC 7800 02/05 5ZFPO4459 5 FT / 53225
30- Avril	ZI45I 788 EA1112 05/05 8 FT / 31450			SOLU TRITON 21/05 ZJ4460 2 FT / 17820			PAL 9800 05/05 6ZFPO4459 9 FT / 53600
01- Mai							
02- Mai	ZP45I OO1 06/05 8 FT / 33800	ARTY 911 01/05 78UIR7 5 FT / 27625		ESPU ART HG 06/05 1 FT / 15000			
WK 19	SOLU TRITON 30	MAN 30 AI	ESPU 30 BB	ESPU ART HG			SOLU TRITON 35
05- Mai	05/05 2 FT / 26000	A54612 14/05 8 FT / 17550	49PRT15 08/05 5 FT / 20250	08/05 1 FT / 21600			09/05 4 FT / 90000
06- Mai	AU45I GG1 09/05 1 FT / 8000	MAN 30 BB 05/05 5 FT / 34900	ESPU 30 HG 06/05 1 FT / 24000	ESPU ART HG 13/05 2 FT / 43200			EU AB 9800 06/05 16 FT / 119451

Visual / Drag & drop window

3. OMNIS at SNF

3.3 Fat client

CH4M/4598

Rechercher

Consulter une checklist :

Validée

Active

Bilan global

Durée cible : 07:05

réelle : 16:20

arrêts : 09:20

Liste des séquences

Rodage H21 Post R9 : 0h20

✓ Préparation :

✓ Diagnostic A4 : 2h40

✓ Ajout : 0h30

Rodage H45 Post HQ : 0h30

✓ Contrôles :

✓ CHECK SU : 9h40

✓ Pass-up : 23min

✓ Pass-up bis : 40min

✓ Souffle : 44min

✓ Check TT : 1h50min

✓ Grant associé : 2h05

Transfert en S78 :

✓ Chauffage : 1h50

✓ Association : 12min

✓ Fractionnement : 1h50

Rayonnement :

Tentative :

Fenêtre du lot

Size **A184** Nom Produit : **AZ-78HG_XP2** Lot : **CH4M/4598** Code : **1700** Type : **Normal** le : **28/04/25 10:34:40**

Validation check-list

Anomalies rencontrées :

Données

Historique

Commentaires atelier :

AJOUT HQ7

Nom	Code	Vérifier avant ajout par	Ajouté par	Température vérifiée par
GEL H245 PP	R489	✓ G.F.SIM - 29/04/25 15:43	✓ I.CHA - 29/04/25 15:43	✓ G.F.SIM - 29/04/25 16:01
HYDRO PERT HK	T788	✓ G.F.SI - 29/04/25 15:43	✓ I.CHA - 29/04/25 15:43	✓ G.F.SIM - 29/04/25 16:01
GART-HPO 44Z	PO45	✓ N.BO - 29/04/25 08:32	✓ N.THI - 29/04/25 08:32	✓ N.BO - 29/04/25 08:32
SALV N9 7DW		✓ G.F.SIM - 29/04/25 15:43	✓ I.CHA - 29/04/25 15:43	✓ G.F.SIM - 29/04/25 16:01

Etapes	Opérations	Valeurs théorique	Valeurs pratique	Validations
Contrôles	Solidité H21 après grossissement :		4,60	✓ I.CHA - 29/04/25 15:43
	Solidité H21 :	4,5 +ou- 0,5	4,60	✓ I.CHA - 29/04/25 15:43
	Poids pellicule :	15412	15467 KG	
	Poids intermédiaire :		15141 KG	✓ I.CHA - 29/04/25 15:43
	Température résidu :		16,8 °C	✓ I.CHAH - 29/04/25 15:43
Vérification de la sonde 47 - GH controle Obher				N.THI - 29/04/25 12:29

Production batch window

3. OMNIS at SNF

3.3 Fat client

- ... and embedded

RETOUR

PREPARATION

CHARGEMENT

LISTE DE CHARGEMENT

456DS8

RT LOGISTICS IRUN

AP15FD

QUAIS68

Observations :

PB TOTAL24 826

POCO

BON	L	N	P	COLISAGE	QTE	EMPL	LOT	SENS	
4687778	120	1	15	Conteneur	1200	FG549	KL4566	—	1
4687778	210	1	16	Conteneur	1200	FG549	DUI44RR	—	1
4687778	120	1	17	Conteneur	1200	FG549	DUI44RR	—	2
4687778	78	1	38	Conteneur	1050	A42ZE	DUI44RR	—	2
4687778	78	1	37	Conteneur	1050	A42ZE	DUI44RR	—	2
4687778	78	1	21	Conteneur	650	A42ZE	40ZA11		3
4687778	78	1	20	Conteneur	25	F6A14	40ZA11		4
4687778	15	1	21	Conteneur	25	A42ZE	40ZA11		4
4687778	15	1	20	Fût	1000	A42ZE	40ZA11		4
4687778	15	1	8	Palette	1000	A42ZE	VFF1566		5
4687778	15	1	36	Palette	1050	A42ZE	VFF1566	—	6
4687778	90	1	6	Sac	25	A42ZE	VFF1566		7

2525

PLAN

OK

Classic embedded window adapted to the screen

3. OMNIS at SNF

3.3 Fat client

- Interfaces :
 - Finances software (csv / webservice)
 - Invoice control Software (Oracle)
 - Pallet Management system (Oracle)
 - Truck software (webservice)
 - Network folders
 - Regulatory database
- External components :
 - oldap / owrite / pdfdevice



*Label with regulatory data
pushed by OMNIS*

3. OMNIS at SNF

3.4 Websites

20 internals /
4 externals

France /
China / India

Same
database as
Fat client

IIS

Browser /
Tablet /
Phones

Manually
update

3. OMNIS at SNF

3.4 Websites

Loading plan configuration

26 Places

R 19 C03 PXX 1200 kg

1/4

5100

5355

2006083L10N1P1 1200

2006083L10N1P2 1200

2006083L10N1P3 1200

2006083L10N1P4 1200

2006083L10N1P5 1200

2006083L10N1P6 1200

2006083L10N1P7 1200

2006083L10N1P8 1200

2006083L10N1P9 1200

2006083L10N1P10 1200

2006083L10N1P11 1200

2006083L10N1P12 1200

2006083L10N1P13 1200

2006083L10N1P14 1200

2006083L10N1P15 1200

2006083L10N1P16 1200

2006083L10N1P17 1200

2006083L10N2P1 1200

2006083L10N2P2 1200

N° feuille

818547

Transporteur

DIMOTRANS

Observations transport

SETE

Observations expé/réception

SANS ORDRE

Observations poste de garde

Observations empotage

TRP	BON	L	D	PAL	POIDS	EMPLACEMENT
2006083L10N1P1 1200						F2B04
2006083L10N1P2 1200						F2B04
2006083L10N1P3 1200						F2B04
2006083L10N1P4 1200						F2B04
2006083L10N1P5 1200						F2B04
2006083L10N1P6 1200						F2B04
2006083L10N1P7 1200						F2B04
2006083L10N1P8 1200						F2B04
2006083L10N1P9 1200						F2B04
2006083L10N1P10 1200						F2B04
2006083L10N1P11 1200						F2B04
2006083L10N1P12 1200						F2B04
2006083L10N1P13 1200						F2B04
2006083L10N1P14 1200						F2B04
2006083L10N1P15 1200						F2B04
2006083L10N1P16 1200						F2B04
2006083L10N1P17 1200						F2B04
2006083L10N2P1 1200						F2B04
2006083L10N2P2 1200						F2B04

1/2

10200

10710

2/2

12600

13230

poids total

22800

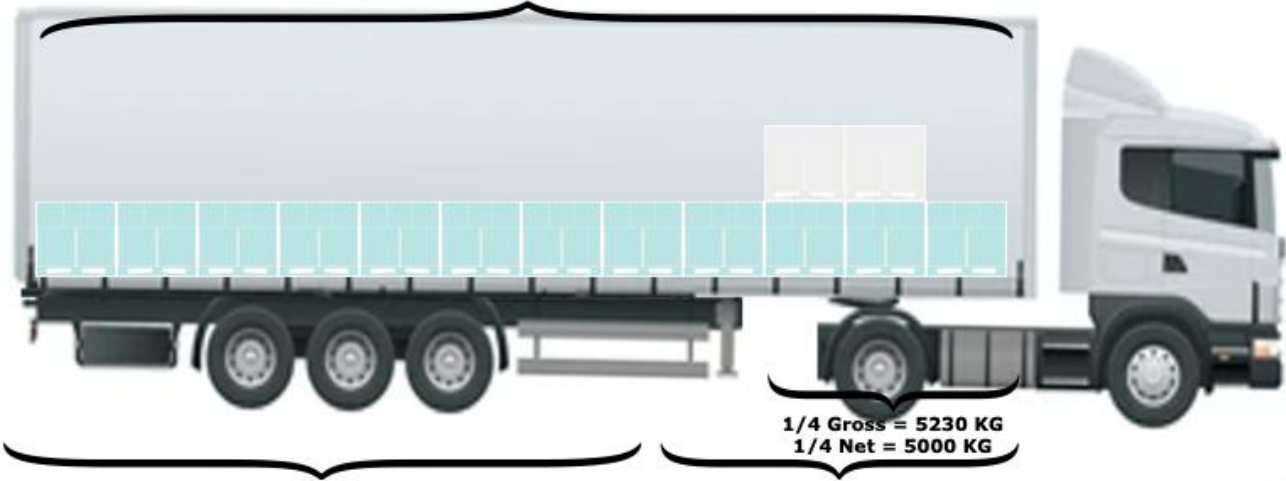
23940



PLAN DE CHARGEMENT / LOADING PLAN / LADEPLAN



Gross = 22870 KG - Net = 21800 KG



2/3 Gross = 15120 KG
2/3 Net = 14400 KG

1/4 Gross = 5230 KG
1/4 Net = 5000 KG

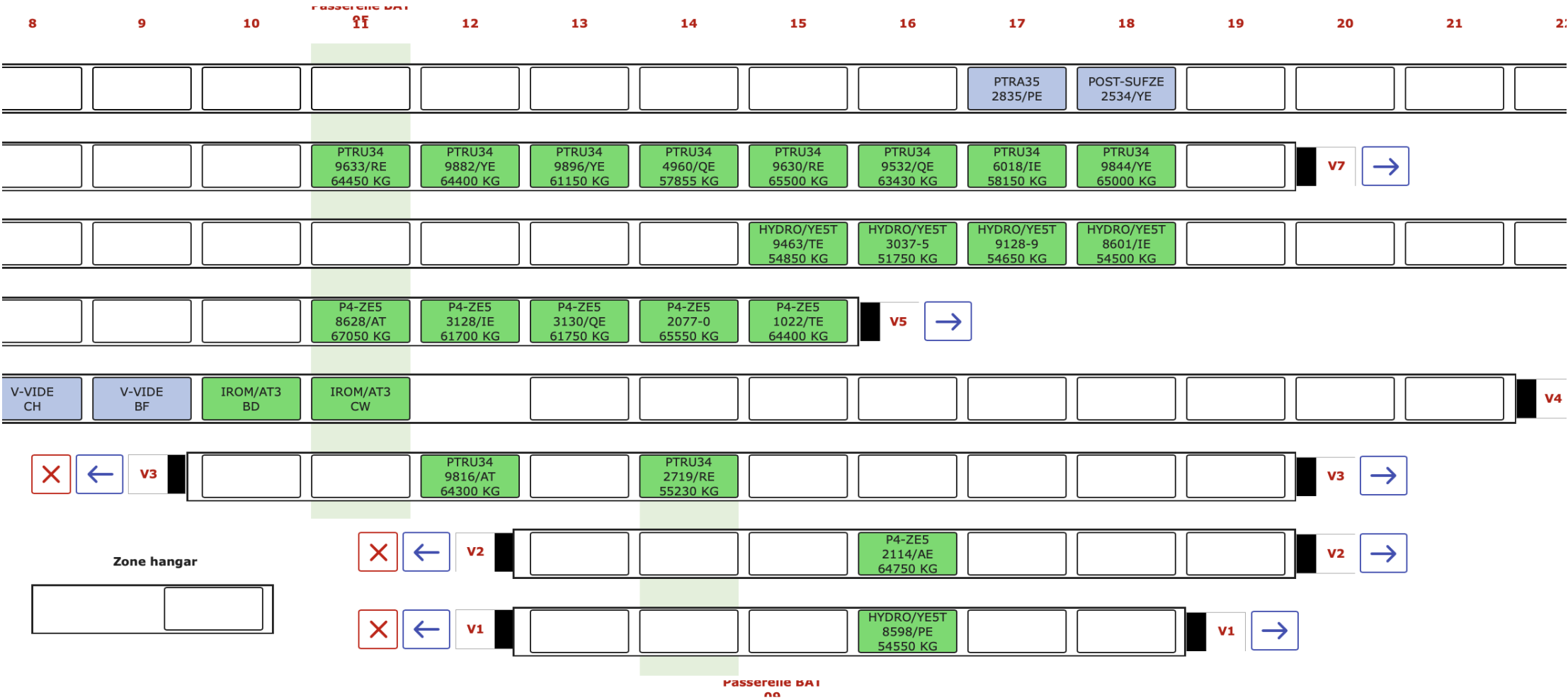
1/3 Gross = 7750 KG
1/3 Net = 7400 KG



3. OMNIS at SNF

3.4 Websites

Wagon on site



3. OMNIS at SNF

3.4 Websites

Personal care formulation

SNF

Personal Care - Formulation finder

Formulation finder

Formulation detail

Hair / CORE-R™ F 48 D /

1 sur 1

DC-0 02

MULTI-PROTECTIVE SPRAY

HAIR

SNF

WATER SCIENCE

We are used to protecting our skin, but what about our hair?
Give your hair a natural shine and protect it by spraying it with our multi-protective spray.

silicones provides sustained shine, plus sunscreens to protect color and health.

	TRADE NAME	(EU)	t. %
W.	shine protecting	Mica, CI 77491, CI 77891	0.005
	FINE	'491	2.00
	sustained shine	Aluminum	0.010
E	9020	multi-protective	2.00
	OCR	protect	5.00
	EUSOLEX OS	Ethylhexyl	5.00
	spraying	Hor	2.00
	LIQUID	sunscreens	0.50
	106™ C	nium-6	1.10
	Serum	ALB 5	25.00

Modify

Delete

Show PDF

3. OMNIS at SNF

3.4 Websites

CRM

Page d'accueil

Welcome to SNF France

Projets en cours

48

C.A projets (K€)

99 372

États des projets



- Essai traitements - 8%
- Essai traitement APX - 1%
- RDV AX 48 - 13%
- Prospection commerciale - 37%
- Essai long - 5%
- Proposition test - 22%
- Projet accepté - 2%
- Essai laboratoire - 13%

Marge projets (K€)

23 987

Tâches à faire

Nom des tâches	Date limite	Projet	Valider
Proposition		DFT ART_FAC	☒
Relance		DSR3	☒

3. OMNIS at SNF

3.5 Development Teams organization

Objectives

- Priority #1 : Fix bugs and keep OMNIS efficient
- Priority #2 : Integrate evolutions project
- Key users involved
- Iteration cycles, close to users
- Test libraries shared

Subsidiaries

- All subsidiary is independant-coded
- All developpments are reported to headquarter in France
- All new projects must be validated from France

New developers
training, an efficient
way to be quickly
autonomous

- Trained by OMNIS Software
- Trained to SNF specialities with guideline

3. OMNIS at SNF

> 3.6 Challenges

Export main
modules to
subsidiaries

Integrate new
subsidiaries

Follow last OMNIS
Software versions

Improve websites
library updates
process

Enhance Fatclient
design

Integrate more
Omnis
programming new
functionnalités

3. Final word

OMNIS is part of SNF and fully participates to its success for many reasons



Always think as **simple** as we can (mainly for maintainability, evolution, debug)



Follow new versions as much as we can, keeping the control of the product evolutions



Still **growing** with ruggedness and flexibility to support SNF development



Keep the contact with Omnis Software and thanks them for their good job years after years

An aerial photograph of a river meandering through a lush, green landscape. The river is a dark, winding line that cuts through the terrain. On either side of the river, there are terraced fields, likely for agriculture, which create a series of concentric, wavy lines across the landscape. The surrounding area is densely forested with various types of trees, some appearing as small, rounded green shapes. The overall scene is a harmonious blend of natural beauty and human agricultural activity.

SNF

WATER SCIENCE