

This research has been commissioned and paid for by the company and is deemed to constitute an acceptable minor non-monetary benefit as defined in MiFID II

# Chargeurs

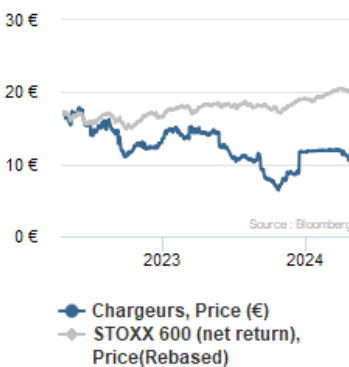
## From an industrialist to a luxury player?

Opinion	<b>Buy</b>
Upside (%)	30.0
Price (€)	11.32
Target Price (€)	14.7
Bloomberg Code	CRI FP
Market Cap (€M)	285
Enterprise Value (€M)	509

Momentum	UNFAVORABLE
Sustainability	2/10
Credit Risk	B7

### Research Analysts

Saïma Hussain  
+33 (0) 1 70 61 10 50  
[supportservices@alphavalue.eu](mailto:supportservices@alphavalue.eu)



### PROS

- Chargeurs is focusing on no-nonsense profitable growth, with a keen eye for developing businesses in niche markets with a low capital intensity
- The creation of Museum Studios, a unique one-stop-shop offering in a very scattered market, demonstrates Chargeurs' ingenuity and this has rapidly established itself as the group's new growth lever
- The rapid expansion of Chargeurs' Luxury division presents several opportunities, culminating in a significant forthcoming acquisition

### CONS

- The firm is small in absolute terms and may fall below most investors' radars
- The uncertain macro-economic environment is weighing on the group's largest division, Chargeurs Advanced Materials, even if volume has reached an inflection point
- Chargeurs' net debt is now high (3.5x leverage) and may deteriorate further following an acquisition

KEY DATA	12/21A	12/22A	12/23E	12/24E	12/25E
Adjusted P/E (x)	17.7	18.3	72.5	18.9	11.6
Dividend yield (%)	5.37	4.51	1.52	5.30	8.66
EV/EBITDA(R) (x)	9.03	8.72	10.7	7.84	6.17
Adjusted EPS (€)	1.30	0.92	0.16	0.60	0.98
Growth in EPS (%)	-14.9	-29.2	-82.3	267	63.3
Dividend (€)	1.24	0.76	0.18	0.60	0.98
Sales (€M)	737	746	669	753	843
Underlying operat. profit margin (%)	6.88	6.08	3.91	5.75	7.06
Attributable net profit (€M)	30.6	22.1	3.92	14.4	23.2
ROE (after tax) (%)	12.1	8.08	1.45	5.30	7.78
Gearing (%)	45.6	53.5	74.3	74.7	68.3

### Conflicts of interest

Corporate broking	No
Trading in corporate shares	No
Analyst ownership	No
Advice to corporate	No
Research paid for by corporate	Yes
Corporate access	No
Brokerage activity at AlphaValue	No
Client of AlphaValue Research	Yes

Detailed financials at the end of this report

**Key Ratios**

		12/22A	12/23E	12/24E	12/25E
Adjusted P/E	x	18.3	72.5	18.9	11.6
EV/EBITDA	x	8.72	10.7	7.84	6.17
P/Book	x	1.45	1.08	0.97	0.84
Dividend yield	%	4.51	1.52	5.30	8.66
Free Cash Flow Yield	%	-5.53	-0.08	2.52	5.52
ROE (after tax)	%	8.08	1.45	5.30	7.78
ROCE	%	7.06	3.80	5.91	7.40
Net debt/EBITDA	x	3.11	4.97	3.77	3.02

**Consolidated P&L**

		12/22A	12/23E	12/24E	12/25E
Sales	€M	746	669	753	843
EBITDA	€M	67.9	47.8	64.9	80.6
Underlying operating profit	€M	38.9	20.9	34.7	46.8
Operating profit (EBIT)	€M	38.5	15.9	29.7	41.8
Net financial expenses	€M	-19.1	-20.5	-16.2	-16.2
Pre-tax profit before exceptional items	€M	19.4	-4.55	13.5	25.7
Corporate tax	€M	2.50	7.77	0.21	-3.19
Attributable net profit	€M	22.1	3.92	14.4	23.2
Adjusted attributable net profit	€M	22.1	3.92	14.4	23.2

**Cashflow Statement**

		12/22A	12/23E	12/24E	12/25E
Total operating cash flows	€M	7.50	38.1	43.1	53.1
Capital expenditure	€M	-10.8	-17.8	-20.0	-22.4
Total investment flows	€M	-23.1	-27.8	-30.0	-32.4
Dividends (parent company)	€M	-17.9	-13.2	-1.32	-1.32
New shareholders' equity	€M	-3.90	0.00	0.00	0.00
Total financial flows	€M	-81.7	-8.09	-19.5	-19.5
Change in net debt position	€M	-64.4	-26.2	-6.47	1.18
Free cash flow (pre div.)	€M	-22.4	-0.24	6.89	14.5

**Balance Sheet**

		12/22A	12/23E	12/24E	12/25E
Goodwill	€M	217	224	230	237
Total intangible	€M	276	283	289	296
Tangible fixed assets	€M	84.4	91.4	98.4	105
Right-of-use	€M	29.5	30.1	30.7	31.3
WCR	€M	15.4	24.9	38.9	55.2
Total assets (net of short term liabilities)	€M	475	499	527	557
Ordinary shareholders' equity (group share)	€M	280	262	283	313
Provisions for pensions	€M	12.6	27.3	28.7	30.1
Net debt / (cash)	€M	182	208	215	213
Total liabilities and shareholders' equity	€M	475	499	527	557
Gross Cash	€M	131	133	126	127

**Per Share Data**

		12/22A	12/23E	12/24E	12/25E
Adjusted EPS (bfr goodwill amort. & dil.)	€	0.92	0.16	0.60	0.98
Net dividend per share	€	0.76	0.18	0.60	0.98
Free cash flow per share	€	-0.93	-0.01	0.29	0.61
Book value per share	€	11.6	10.9	11.7	13.5
Number of diluted shares (average)	Mio	24.0	24.0	24.1	23.7

## Contents

Businesses & Trends.....	4
Money Making.....	9
Valuation.....	13
DCF.....	14
NAV/SOTP.....	15
Debt.....	16
Worth Knowing.....	17
Sustainability.....	18
Governance & Management.....	19
Environment.....	21
Social.....	22
Staff & Pension matters.....	24
Updates.....	25
Target Price & Opinion.....	34
Graphics.....	35
Financials.....	39
Methodology.....	49

## Businesses & Trends

Chargeurs under the aegis of a new owner manager since 2015 has quietly shifted from a status of holding company essentially striving to pay back its bankers to that of an industrial group investing in profitable growth. This successful reenergising has been mostly achieved with the same business lines, more recently joined by the development of new growth avenues through strategic acquisitions and the reorientation of existing industrial assets.

Although we initially saw Chargeurs through the lens of an industrial conglomerate, given the strong delegation of daily execution to its different business units, the strategy pursued by the new owner and moves into new capital-light businesses by spinning off growth bits of existing businesses into fully-fledged divisions (Healthcare Solutions and Museum Solutions) have led us to reassess this view. Hence, we now consider Chargeurs as an industrial group in the Support Services sector, whose companies cater to various B2B services underlined by a low capital intensity.

Active management goes with one motto: growth in niche markets with a world scope. Unsurprisingly “niche but world reach” is the common feature of the 4 historical business lines. This geographical breadth is a clearly a plus as growth can be built out of the existing rather lean network of commercial units, plants and offices.

As of mid-2022, Chargeurs restructured its 5 activities into 3 strategic business areas: Technologies, Luxury and Diversification. While historically, the bulk of Chargeurs' EBIT had come from its Technology division, in July 2022 Chargeurs announced that it wanted to achieve balanced contributions in terms of EBIT from its Technology and Luxury businesses by 2025 – strategy that would be implemented through the acquisition of a luxury goods player.

If this strategy appears ambitious, it is worth mentioning that the Chargeurs management team has shown an inordinate ability to capture major societal trends and turn them to its benefit. This is encapsulated in words like going “all digital”, going for “premiumisation” and upmarket, embarking ESG best practices and playing with the ever-more-intricate supply chains. There is nothing here that other companies cannot do, but Chargeurs seems particularly nimble at extracting more from such shifts.

### **Advanced Materials, a macro proxy**

Advanced Materials is the world-leader in plastic-films and technical-solutions for temporary surface protection with c.40-years' experience and a global market share estimated to be above 25%. Primary end-users (construction, household appliances, electronics, transport and auto sectors) reflect the pace of the global economy (components sourced from everywhere need to travel and be protected) all spurred by the general drive for quality, calling for the protection of parts comprising a finished product. The move to ever-thinner, usable films and associated glues also implies positive mix effects over the long run. Thin films are also widely used in manufacturing processes such as stamping where they contribute to mechanical properties. Thin films'

technology can be fairly complex when they unfold at great speed, must not break and avoid generating painful noise.

Thin films is one of those great (and discreet) businesses where the client needs a quality supplier for a component which is hardly visible in the final cost of the product. Services in effect matter as much as the film. Chargeurs strengthened that link by acquiring in 2017 designers and manufacturers of film-laying machinery. This magnifies the relationship with clients and the value proposition. In addition, Chargeurs increased “premium-grade” capacity from the new-fangled Italian production line that came online in late 2019.

Following an outstanding 2021, marked by record volumes against a backdrop of post-Covid supply-chain disruption, 2022 turned out to be a tougher year for Chargeurs Advanced Materials, which saw volumes fall as a result of inventory normalization and customer destocking. Accordingly, the division recorded a 6.3% organic yoy decline in revenues to €332.6m in 2022 coupled with a 12.8% decline in EBITDA to €32m representing a 120bps drop in margin. Fortunately for the division, the worst seems to be over, as volumes have again picked up from Q1-23 and were above their prior-year levels in the Q3-23.

Notwithstanding the sensitivity of the business to macroeconomic conditions, CAM’s products remain essential to the industrial supply chain worldwide, and the premiumization of the business towards the high-end market helps mitigate margin erosion. For the time being, Advanced Materials is still the most visible part of Chargeurs and where the industrial performance matters most.

### **Fashion Technologies: from product to service**

The Fashion Technologies (CFT-PCC) division, which is the second-largest contributor to the Technologies division’s profitability, and very likely the largest in 2023, is Chargeurs’ interlinings operations. Today the division is the world leader in luxury and fashion interlinings, offering solutions to the world’s leading ready-to-wear brands. Through its technical fabrics, CFT gives structure to garments, an essential fabric for the manufacturing of coats, jackets, shirts and sportswear, responding to the trend towards greater sophistication in clothing.

As for Chargeurs Advanced Materials, the company has successfully transformed its operations within CFT through the years from a product to a service for the fashion industry – a shift accomplished through the acquisition of PCC in 2018, a coating company that has expanded into the field of interlining capable of heat-fusion in garments. Through this acquisition, Chargeurs extended its know-how in the USA and Asia, completed its interlining business and, above all, added a large service component as its stock in trade. This amounts to being selected as the “prime” contact by a given brand to ensure the timely supply of the various inputs to the actual manufacturers (usually a motley crew). Brand designers effectively rely on subcontractors with frequent issues of quality consistency.

Due to its exposure to the fashion sector, which was hit hard by the pandemic and the lockdown restrictions that significantly curtailed the activities of fashion retailers, this division did not escape the drag on revenues and earnings in

2020 with a 35.3% lfl yoy drop in revenues to €131.8m and shrinkage of its operating profit from €17.5m to €5.1m (i.e. from an 8.3% margin to 3.9%). After a persistently difficult 2021 for the division, CFT-PCC recorded a rebound in 2022 to its pre-pandemic levels, with revenues up 32.4%, an EBITDA margin up 360bps to 11% and EBIT up by 254.2% yoy to €17m. The segment benefited from a volume effect, with a pick-up in demand from fashion and luxury customers.

Although the division is also sensitive to macroeconomic conditions, which have a direct impact on global consumption, its diversification efforts in Asia, Europe and South America should help to offset any lags in consumption. In addition, the expansion of its global network across all apparel segments, coupled with an increasing market share, continue to support a resilient scenario for the division.

### **Museum Solutions: the new growth lever in a high-potential niche market**

Conceived from the foundations of Chargeurs' historical technical substrates business under the subsidiary Senfa Technologies, five strategic acquisitions carried out in 2018-20 led to the creation of a novel division focused on the niche market of museum services. Chargeurs seeks to intervene at every level of a museum's decision-making chain, from project management, design and building to audiovisual content production and even the publication of art books. To this end, Chargeurs has broadened its portfolio with the acquisition of Skira, a renowned publisher of classic and modern art and design books, completed in June 2022. Through these acquisitions, Chargeurs has developed a leading and unique one-stop-shop offering in a very scattered market of multiple small players, to design and deliver the best visitor experience and fully capture the robust growth in the museum and luxury brands experience sector. The goal is to reinvigorate museums, increase their audiences and drive revenue growth.

Whereas this division was built from scratch, with sales of €13.7m in 2019, it proved capable of withstanding rough economic weather, securing revenues of €41m in 2020. CMS even reached €87.2m in sales in 2022. However Chargeurs' aspirations for this division do not end there. In 2023, Chargeurs is targeting CMS sales of €120m, then €150m in 2024, before crossing the symbolic €200m threshold in 2025. This is an ambitious goal at first sight, but a realistic one in view of the division's rapid expansion.

### **Luxury Fibers, expanding through Nativa**

Chargeurs Luxury Fibers (CLF) has long been a leading world player in the "top making" and sale of combed, top-of-the-range wool. It knows the wool industry inside-out but essentially withdrew from the risk side (industrial processing, market making) back in 2012. It was about servicing with a high but stable turnover presenting no risk and hardly any profit.

The story is quite different today, with the gradual transformation of a product – the sale of quality wool – into a premium service through the Nativa label, which guarantees the traceability of wool and respect for animal welfare and the environment. In this way, Chargeurs acts as a de-facto quality guarantor

over the end-to-end wool manufacturing process. To achieve this, CLF uses the blockchain technology with end-to-end quality control for top quality wools so as to capitalize on the demand for ever-higher-quality natural fibers and ever-thinner materials.

As for CFT-PCC, the CLF division was hit hard by the effects of the pandemic and lockdown restrictions on the fashion sector in 2020, with revenues falling by 34.6% lfl to €64.6m, and recurring operating profit swinging to a loss (€-2.3m). 2021 was not much better for Chargeurs Luxury Fibers, with a recurring operating profit of €1m, representing a margin of 1.16% compared with 2.7% pre-Covid. In 2022, margins returned to acceptable levels (2.1%) owing to a recovery in the fashion sector. While Chargeurs expects a sharp drop in the division's revenues in 2023 in a context of a negative price effect (strong drop in the conventional wool price (i.e.: micron 17 down by -30% on Q3 and -21% for 9M 23), and a change in product mix (less conventional and growing certified Nativa wool), Chargeurs hopes to maintain its margins thanks to the premiumization of its business.

### **Chargeurs Personal Goods, a luxury player in the making**

Much like Chargeurs Museum Studio, Chargeurs Personal Goods is a business unit that was built from the ground up and came into existence in 2022. The division brings together Chargeurs' 3 acquisitions in the luxury personal goods and accessories brands sector. Chargeurs' drive to expand in the luxury sector resulted in the acquisition of Fournival Altesse, a manufacturer of high-end hairbrushes, in 2021, and The Cambridge Satchel, a renowned brand of affordable Made in UK luxury, in August 2022. The latest addition to the division to date is Swaine, the world's oldest leather goods brand.

In each of these activities, Chargeurs has undertaken a genuine business reorganization, with an upmarket strategy developed for Fournival Altesse, a multi-channel sales strategy for the Cambridge Satchel and, finally, a modernization of the collections with the extension of the target market to women for Swaine. Chargeurs' determination to establish itself as a player in the luxury goods sector does not stop there. Last December, Chargeurs announced its intention to develop further in the luxury goods sector through a yet-to-be-acquired significant deal that would bolster its luxury goods division in order to reach balanced contributions in terms of EBIT from the Technologies and Luxury Activities by 2025.

In terms of operational performance, although we don't have a reference year as the Cambridge Satchel and Altesse Studio brands were consolidated in December 2022, the division still has a favourable outlook with new partnerships expected for the Cambridge Satchel and new distributors, including Galeries Lafayette, for Altesse Studio. At the end of September, the division generated €6.2m in revenues.

### **Human assets**

All in all, as we look retrospectively, Chargeurs has succeeded in breathing new life into its four businesses and in creating one from scratch, thanks to

rigorous management and the conviction that any niche is worth exploring. By successively convincing existing staff to wake up, go for profitable growth and then hire young talents, train them and make acquisitions, Chargeurs has managed to surprise just about every observer.

### Divisional Breakdown Of Revenues

Sector	12/22A	12/23E	12/24E	12/25E	Change 23E/22		Change 24E/23E		
					€M	of % total	€M	of % total	
<b>Total sales</b>	<b>746</b>	<b>669</b>	<b>753</b>	<b>843</b>	<b>-77</b> ↓	<b>100%</b>	<b>84</b> ↑	<b>100%</b>	
<b>Advanced Materials (ex Prote...</b>	Chemicals-Specialty	333	276	304	319	-57	74%	28	33%
<b>PCC Fashion Technologies</b>	Apparel,Textile,Fashion	220	198	210	220	-22	29%	12	14%
<b>Personal Care (ex Healthcare...</b>	Other Health Services	6.40	0.00	0.00	0.00	-6	8%	0	0%
<b>Museum Solutions (ex Techni...</b>	Advanced Materials	87.2	120	150	200	33	-43%	30	36%
<b>Luxury Fibers (ex Luxury Mat...</b>	Apparel,Textile,Fashion	94.7	67.2	74.0	81.4	-28	36%	7	8%
<b>Personal Goods</b>	Apparel,Textile,Fashion	5.50	7.98	16.0	22.3	2	-3%	8	10%
Other		0.00	0.00	0.00	0.00	0	0%	0	0%

### Key Exposures

	Revenues	Costs	Equity
Australian \$	0.0%	10.0%	0.0%
Dollar	15.0%	10.0%	0.0%
Emerging currencies	10.0%	10.0%	0.0%
Long-term global warming	0.0%	0.0%	0.0%
Oil price (Brent \$/bl)	0.0%	13.0%	0.0%
Renminbi	12.0%	10.0%	0.0%

### Sales By Geography

Europe	43.2%
Of which France	17.3%
Of which Italy	9.5%
Of which Germany	6.4%
Americas	28.6%
Of which United States	19.2%
Asia	28.2%
Of which China	9.3%

We address exposures (eg. how much of the turnover is exposed to the \$ ) rather than sensitivities (say, how much a 5% move in the \$ affects the bottom line). This is to make comparisons easier and provides useful tools when extracting relevant data. Actually, the subject is rather complex on the ground. The default position is one of an investor managing in €. An investor in £ will obviously not react to a £ based stock trading party in € as would a € based investor. In addition, certain circumstances can prove difficult to unravel such as for eg. a € based investor confronted to a Swiss company reporting in \$ but with a quote in CHF... Sales exposure is probably straightforward but one has to be careful with deep cyclicals. Costs exposure is a bit less easy to determine (we do not allow for hedges as they can only be postponing the day of reckoning). How much of the equity is exposed to a given subject is rarely straightforward but can be quite telling. In addition, subjects are frequently intertwined. A \$ exposure may encompass all revenues in \$ pegged currencies and an emerging currency exposure is likely to include \$ pegged currencies as well. Exposure to global warming issues is frequently indirect and may require to stretch a bit imagination.



## Money Making

Year after year, the Chargeurs mantra of doing better through staff training, premiumisation and branding appears to be paying off. This is in addition to quick-witted management to leverage the existing industrial assets to unlock new potential avenues for growth while expanding into luxury goods.

As we look back, in 2020 Chargeurs demonstrated its agility by turning an unfavourable context into an opportunity that resulted in the creation of a new business, Chargeurs Healthcare Solutions, enabling the group to contend with the headwinds created by the global pandemic. Similarly, Chargeurs has successfully transformed its former Technical Substrates division into a unique player in the Museums sector. It is now the turn of the recently-created Chargeurs Personal Goods division to expand, while Chargeurs Healthcare Solutions is no longer relevant.

In this way, over the years Chargeurs has succeeded in creating value through the development of a portfolio of leading businesses in niche sectors. The “Leap Forward” strategy embodies Chargeurs’ desire to be agile and responsive through its “asset light” model, while premiumising its businesses in order to manage crises and cope with all cycles. This strategic plan gave rise to the ambition for Chargeurs to achieve sales in excess of €800m with an EBITDA margin of 9% to 10% in 2024 and revenues in excess of €1bn in 2025.

In the next few paragraphs, we address the idiosyncrasies of the five current business lines:

### Advanced Materials

Advanced Materials has been working hard to make itself a must in the processing industries where it is needed. The culture is one of continuing investment in making the product ever better, thinner, more silent, greener, etc. Going upmarket is aimed at avoiding the boom-bust nature of chemical-related products.

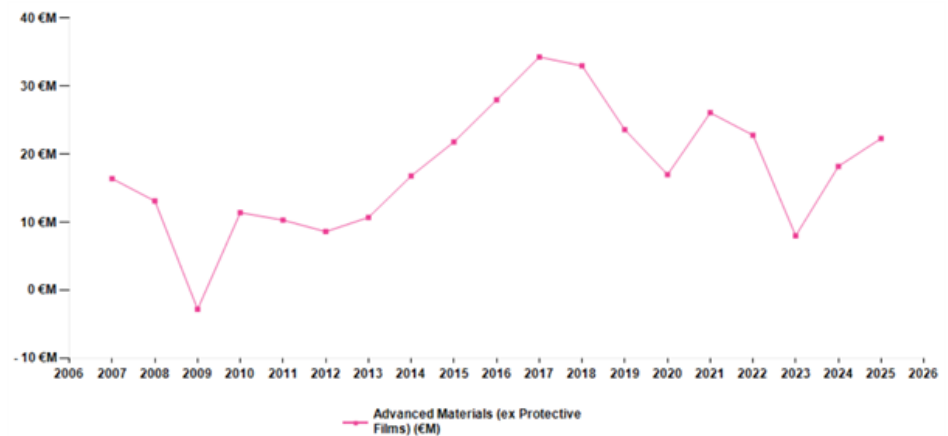
Adding capacity in the right geographies also helps smooth cycles. As a de facto speciality chemicals business (polyethylene is the main base input), Advanced Materials is all about capacity usage, productivity gains, passing on higher input costs through ad hoc price revisions and pass-through contracts in addition to upgrading the product on a continuous basis.

Like so many industrial firms, Advanced Materials has been making a dash for growth with the acquisition of three small firms supplying thin-film application machines. This not only captures incremental turnover on must-have equipment but also offers an insight into the actual ways clients are using protective films. Providing extra insight into consumption has enabled Advanced Materials to expand its service content. This higher service component is a slow build-up process but creates the conditions for improved client stickiness and secures sustainably high margins.

Where the upper limits stand for EBIT margins is rather hard to gauge as the business is a mixture of an oligopoly and no serious barriers to entry for a

chemical group willing to have a go – although this has not really happened to date. Growth and the subsequent margins are more determined by the flow of acquisitions aimed at locking in market share here and there.

The main challenge is that the business is extremely sensitive to the economic climate. As a result, margins suffered during Covid, even though they recovered in 2021 due to a consumer stockpiling effect in a context of supply chain disruptions, and faced a normalization from 2022 until mid-2023. We see the EBIT developing as follows:



Source: Company reports, AlphaValue estimates.

### Fashion Technologies

The hunch that structural pressure due to competition from low-cost countries and fast-changing tastes could be dealt with through a close collaboration with fast-fashion and strong-fashion brands has proven correct. Designing the right type of high-tech interlinings, helping clients, setting up capacity next to client plants and, above all, moving into a partnership/servicing type of business model has paid off. Indeed clients need dependability and a high level of confidence in their suppliers due to their ultra-short turnaround times. This means that, beyond the fact that price competition is bound to remain, there is an argument that margins may be partly defended by the higher level of service that Fashion Technologies is cultivating.

Since the division is driven by the apparel market and its inclination towards boom-bust economics, recovering the historic 5% peak margins had looked to be an aggressive target. In 2016, however, the margin reached 6.1%, only partly helped by the disposal of a loss-making Chinese operation, and 2017 managed 6.2% with flat sales (up 1.3% lfl) while 2018 shot the lights out at 9.2%, only partly helped by the booking over four months of the excellent margins at PCC. With the integration of PCC being fully realised in 2019, the division saw another strong year, with profitability at a solid 8.5% despite increased opex related to the premiumisation strategy.

This positive momentum was brought to a halt in 2020 due to the effects of the COVID-19 pandemic. Due to the high exposure to the fashion sector, which was hit hard by lockdown restrictions worldwide, CFT-PCC saw its revenues

shrink by 35.3% lfl to €132m, with margins falling to 3.9%. T2021 was also marked by tensions despite the gradual lifting of restrictions as vaccination progressed. It was only in 2022, however, that we saw a return to margins above the pre-pandemic level of 7.73%. Looking ahead, we expect margins to remain strong, even though we anticipate a slowdown in sales in Europe, which should translate into lower margins in FY-23.

### **Museum Solutions**

In its fourth year as a separate operation, the previously-named Technical Substrates' business model shifted first with the integration of Leach. What was an industrial act – producing technical substrates in the right quality – moved onto a final product (image displayed on a box) but with new unexpected markets such as museums. This niche market later became the key focus for the division, driven at first by the creation of Chargeurs Creative Collection, a banner that grouped Leach and the company's subsequent additions (Design MP, MET Studio) to be later turned into a fully-fledged solution in museum servicing with the addition of Hypsos and D&P in 2020.

Through various acquisitions, including that of book publisher Skira in June 2022, Chargeurs has transformed the Technical Substrates business model to make the division a unique and leading player in museum services. This paradigm shift at Museum Studio has resulted in Chargeurs targeting sales of €120m in 2023 and €150m in 2024, and breaking the €200m barrier in 2025 with a double-digit margin. This is something of a feat when you consider that the pre-Museum Studio was struggling to exceed €30m in sales. We regard the outlook for the division as clearly positive, considering its well-filled order book and its unique positioning in regions such as the Middle East and Asia.

### **Luxury Fibers**

The wool industry is a world apart to which the group is applying its recipes of improved mix and branding. Moving toward the luxury end of the market by acting as a quality guarantor certainly involves a shift in the business model where branding as a quality warranty is generating revenues independently from volumes changing hands. This will take time.

We can already see the effects of this model evolution through the expansion of the Nativa label, which enables the traceability of premium wool, and offers quality wool that guarantees responsible practices and regenerative agriculture. This label offers solutions to several brands, including Stella McCartney and, since September 2022, Gucci. By expanding Nativa, Chargeurs expects to transform a low-margin business into a double-digit margin business in the longer term.

### **Personal Goods**

Chargeurs' latest division, Chargeurs Personal Goods, reflects Chargeurs' ambition to become a player in the luxury goods industry. This division regroups Chargeurs' 3 recent acquisitions, namely the manufacturer of high-end hairbrushes, Fournival Altesse, the renowned brand of affordable Made in UK luxury, The Cambridge Satchel, and the world's oldest leather goods brand, Swaine. Although the division remains small for the time being with a negligible

contribution to Chargeurs' results with sales of €4.1m and EBITDA of €0.5m in H1-23, Chargeurs intends to develop this activity with a potential significant acquisition in the Luxury Goods sector which should enable Chargeurs to reach balanced contributions in terms of EIBT from the Technologies and Luxury Activities by 2025.

### Healthcare Solutions

At the time of its creation, the Healthcare Solutions unit was a real feat for the management, who succeeded in transforming an unfavourable context into an opportunity to create a new business line: mask manufacturing. It was a commercial success that translated into recurring EBIT of €63.5m in 2020. However, with the end of the pandemic, CHS no longer contributes to Chargeurs' results and has consequently ceased to be considered as a separate division.

### Divisional Underlying operat. profit

	12/22A	12/23E	12/24E	12/25E	Change 23E/22		Change 24E/23E	
					€M	of % total	€M	of % total
<b>Total</b>	<b>45.4</b>	<b>26.2</b>	<b>43.3</b>	<b>59.5</b>	<b>-19</b> ↓	<b>100%</b>	<b>17</b> ↑	<b>100%</b>
Advanced Materials (ex Protective Films)	22.8	8.01	18.2	22.3	-15 ↓	77%	10 ↑	60%
PCC Fashion Technologies	17.0	13.9	15.7	18.7	-3 ↓	16%	2 ↑	11%
Personal Care (ex Healthcare Solutions)	4.30	0.00	0.00	0.00	-4 ↓	22%	0 ↑	0%
Museum Solutions (ex Technical Substrates)	5.20	7.80	12.0	20.0	3 ↑	-14%	4 ↑	25%
Luxury Fibers (ex Luxury Materials)	2.00	2.29	2.74	3.09	0 ↑	-2%	0 ↑	3%
Personal Goods	0.30	0.40	0.80	1.56	0 ↑	-1%	0 ↑	2%
Other/cancellations	-6.20	-6.20	-6.20	-6.20	0 ↑	0%	0 ↑	0%

### Divisional Underlying operat. profit margin

	12/22A	12/23E	12/24E	12/25E
<b>Total</b>	<b>6.08%</b>	<b>3.91%</b>	<b>5.75%</b>	<b>7.06%</b>
Advanced Materials (ex Protective F...	6.86%	2.90%	6.00%	7.00%
PCC Fashion Technologies	7.73%	7.00%	7.50%	8.50%
Personal Care (ex Healthcare Soluti...	67.2%			
Museum Solutions (ex Technical Su...	5.96%	6.50%	8.00%	10.0%
Luxury Fibers (ex Luxury Materials)	2.11%	3.40%	3.70%	3.80%
Personal Goods	5.45%	5.00%	5.02%	7.00%

## Valuation

We regard Chargeurs SA as an industrial group in the Support Services sector, a highly diversified universe of businesses catering for various B2B services on a low capital intensity basis. We had initiated coverage of Chargeurs as a holding company then battling on to pay back its debt. The strategy pursued by the new owner, with a focus on active management of its industrial assets and leveraging its existing capabilities to develop new capital light businesses, has led us to reassess our view on Chargeurs' valuation profile.

Peer metrics therefore consist of a multi-sector group of companies with a B2B services dimension; plus the odd reference to specialist chemicals as Advanced Materials is the historically-dominant business (overtaken momentarily by CHS in COVID-19-hit 2020) with a 5-year average of 46% of group sales and 58% of EBITDA. We apply a discount to the peer-based references to account for Chargeurs' smaller scale versus peers.

The DCF is based on fairly modest EBITDA growth and sales growth of 2.5% in line with industry expectations. We therefore estimate an EBITDA margin of between 7% and 9% until 2033. In terms of capex, we expect Chargeurs to remain below 3%.

For the NAV, we have stopped using the data calculated and provided by the company in the parent company's financial statements. The more entrepreneurial management since late 2015 warrants the use of sector multiples.

### Valuation Summary

Benchmarks		Values (€)	Upside	Weight
DCF		11.5	2%	35%
NAV/SOTP per share		28.0	148%	20%
EV/Ebitda	Peers	7.51	-34%	20%
P/E	Peers	7.27	-36%	10%
Dividend Yield	Peers	18.2	61%	10%
P/Book	Peers	20.4	81%	5%
<b>Target Price</b>		<b>14.7</b>	<b>30%</b>	

### Comparison based valuation

Computed on 18 month forecasts	P/E (x)	Ev/Ebitda (x)	P/Book (x)	Yield(%)
Peers ratios	14.6	8.69	2.46	3.08
Chargeurs's ratios	15.2	7.10	0.91	6.57
Premium	-33.0%	-33.0%	-33.0%	-33.0%
<b>Default comparison based valuation (€)</b>	<b>7.27</b>	<b>7.51</b>	<b>20.4</b>	<b>18.2</b>
Rentokil Initial	19.4	10.7	2.39	1.86
Bureau Veritas	21.7	11.7	6.26	3.48
AkzoNobel	18.1	11.0	2.87	3.19
Teleperformance	5.64	4.42	1.17	4.59
Quadient	10.1	5.29	0.52	3.70

### DCF Valuation Per Share

WACC	%	8.02	Avg net debt (cash) at book value	€M	211
PV of cashflow FY1-FY11	€M	221	Provisions	€M	40.4
FY11CF	€M	39.6	Unrecognised actuarial losses (gains)	€M	0.00
Normalised long-term growth "g"	%	2.00	Financial assets at market price	€M	20.7
Sustainability "g"	%	1.55	Minorities interests (fair value)	€M	0.00
Terminal value	€M	612	Equity value	€M	273
PV terminal value	€M	283	Number of shares	Mio	23.7
PV terminal value in % of total value	%	56.1	<b>Implied equity value per share</b>	€	<b>11.5</b>
Total PV	€M	504	Sustainability impact on DCF	%	-7.18

### Assessing The Cost Of Capital

Synthetic default risk free rate	%	3.50	Company debt spread	bp	350
Target equity risk premium	%	5.00	Marginal Company cost of debt	%	7.00
Tax advantage of debt finance (normalised)	%	25.0	<b>Company beta (leveraged)</b>	<b>x</b>	<b>1.25</b>
Average debt maturity	Year	5	Company gearing at market value	%	76.0
Sector asset beta	x	0.85	Company market gearing	%	43.2
Debt beta	x	0.70	<b>Required return on geared equity</b>	<b>%</b>	<b>9.73</b>
Market capitalisation	€M	274	Cost of debt	%	5.25
Net debt (cash) at book value	€M	208	<b>Cost of ungeared equity</b>	<b>%</b>	<b>7.76</b>
Net debt (cash) at market value	€M	170	WACC	%	8.02

### DCF Calculation

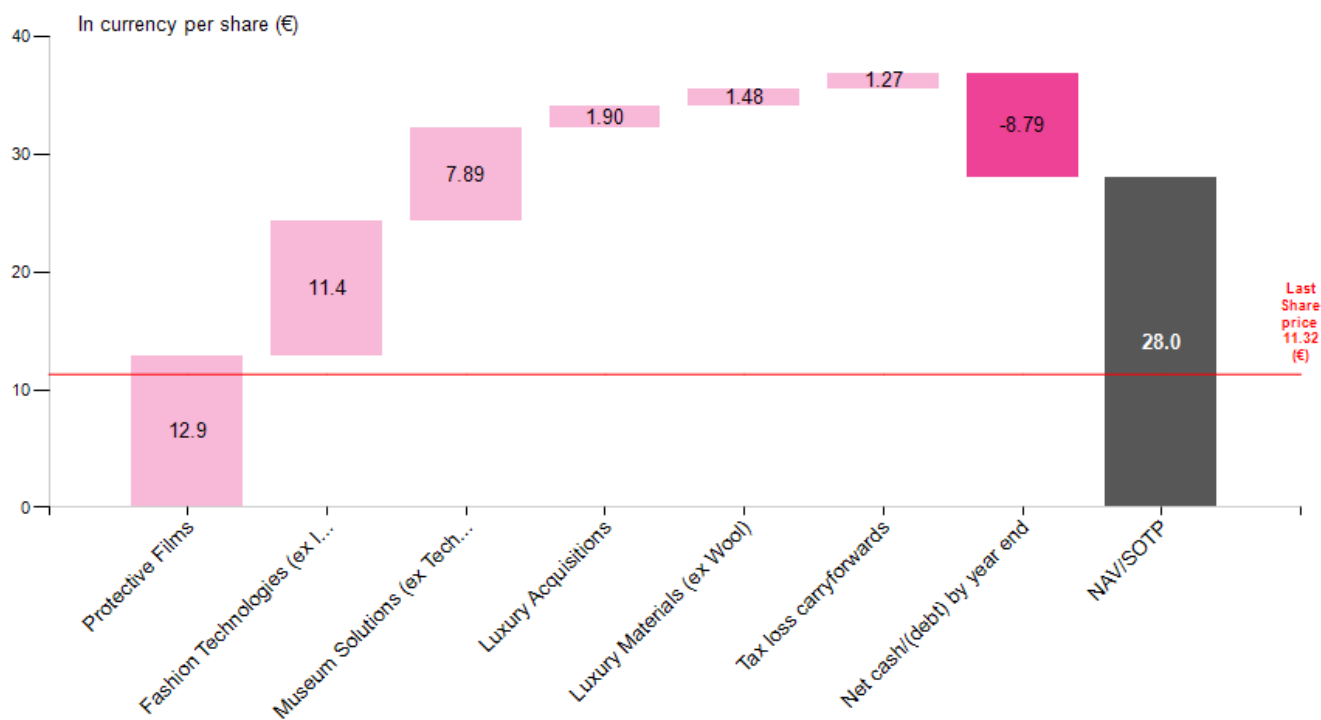
		12/22A	12/23E	12/24E	12/25E	Growth	12/26E	12/33E
Sales	€M	746	669	753	843	3.00%	868	1,068
EBITDA	€M	67.9	47.8	64.9	80.6	2.50%	82.6	98.2
EBITDA Margin	%	9.10	7.13	8.61	9.56		9.52	9.20
Change in WCR	€M	-40.5	-9.47	-14.0	-16.3	2.50%	-16.7	-19.9
Total operating cash flows (pre tax)	€M	5.00	30.3	42.9	56.3		65.9	78.3
Corporate tax	€M	2.50	7.77	0.21	-3.19	2.50%	-3.27	-3.88
<b>Net tax shield</b>	<b>€M</b>	<b>-4.78</b>	<b>-5.12</b>	<b>-4.04</b>	<b>-4.04</b>	<b>2.50%</b>	<b>-4.14</b>	<b>-4.92</b>
Capital expenditure	€M	-10.8	-17.8	-20.0	-22.4	4.00%	-23.3	-30.7
Capex/Sales	%	-1.45	-2.66	-2.66	-2.66		-2.69	-2.87
Pre financing costs FCF (for DCF purposes)	€M	-8.08	15.1	19.0	26.6		35.1	38.8
Various add backs (incl. R&D, etc.) for DCF purposes	€M	0.00	0.00	0.00	0.00		0.00	
<b>Free cash flow adjusted</b>	<b>€M</b>	<b>-8.08</b>	<b>15.1</b>	<b>19.0</b>	<b>26.6</b>		<b>35.1</b>	<b>38.8</b>
<b>Discounted free cash flows</b>	<b>€M</b>	<b>-8.08</b>	<b>15.1</b>	<b>17.6</b>	<b>22.8</b>		<b>27.9</b>	<b>17.9</b>
Invested capital	€	413	436	465	495		514	677

## NAV/SOTP Calculation

	% owned	Valuation technique	Multiple used	Valuation at 100% (€M)	Stake valuation (€M)	In currency per share (€)	% of gross assets
Protective Films	100%	EV/EBITDA	12	305	305	12.9	35.0%
Fashion Technologie...	100%	EV/EBITDA	11.5	270	270	11.4	31.0%
Museum Solutions (e...	100%	EV/EBITDA	11.4	187	187	7.89	21.4%
Luxury Acquisitions	100%	AlphaValue valuation		45.0	45.0 <sup>(1)</sup>	1.90	5.16%
Luxury Materials (ex ...	100%	Adj. historical price		35.0	35.0	1.48	4.01%
Tax loss carryforwards	100%	AlphaValue valuation		30.0	30.0	1.27	3.44%
Other							
<b>Total gross assets</b>					<b>872</b>	<b>36.8</b>	<b>100%</b>
Net cash/(debt) by year end					-208 <sup>(2)</sup>	-8.79	-23.9%
Commitments to pay							
Commitments received							
NAV/SOTP					664	28.0	76.1%
<b>Number of shares net of treasury shares - year end (Mio)</b>					<b>23.7</b>		
<b>NAV/SOTP per share (€)</b>					<b>28.0</b>		
<b>Current discount to NAV/SOTP (%)</b>					<b>59.6</b>		

1. Rough estimated value of the acquisition of Skira and The Cambridge Satchel.

2. Year-end expected group net cash (debt) position



## Debt

If funding had not been an issue for Chargeurs, which had wisely accumulated excess resources to this end through a combination of private debt placings (Euro PP), today's story is quite different. The Group's net debt position rose from €174.7m at the end of 2022 to €194.4m in H1-2023, increasing the leverage ratio from 2.6x to 3.5x. In addition, the rising interest rate environment with hyperinflation in Argentina resulted in an increase in the Group's financial expenses in H1-23 to €12.4m. Despite the deterioration in the Group's financial leverage position, Chargeurs still has ample credit lines, with total available financial resources (cash and undrawn lines) of €271m in H1-23. The Holding company intends to maintain a controlled leverage level, with a target debt/ebitda ratio of less than 3x.

Detailed financials at the end of this report

### Funding - Liquidity

		12/22A	12/23E	12/24E	12/25E
EBITDA	€M	67.9	47.8	64.9	80.6
Funds from operations (FFO)	€M	33.1	27.3	41.9	54.3
<b>Ordinary shareholders' equity</b>	<b>€M</b>	<b>280</b>	<b>262</b>	<b>283</b>	<b>313</b>
Gross debt	€M	312	341	341	341
+ Gross Cash	€M	131	133	126	127
<b>= Net debt / (cash)</b>	<b>€M</b>	<b>182</b>	<b>208</b>	<b>215</b>	<b>213</b>
Gearing (at book value)	%	53.5	74.3	74.7	68.3
Equity/Total asset (%)	%	58.9	52.6	53.7	56.2
Adj. Net debt/EBITDA(R)	x	3.11	4.97	3.77	3.02
Adjusted Gross Debt/EBITDA(R)	x	4.98	7.98	5.89	4.76
Adj. gross debt/(Adj. gross debt+Equity)	%	54.7	59.2	57.5	55.1
Ebit cover	x	2.04	1.03	2.28	3.09
FFO/Gross Debt	%	9.79	7.16	11.0	14.1
FFO/Net debt	%	18.2	13.1	19.5	25.4
FCF/Adj. gross debt (%)	%	-6.63	-0.06	1.80	3.77
(Gross cash+ "cash" FCF+undrawn)/ST debt	x	1.58	3.53	3.55	3.78
"Cash" FCF/ST debt	x	-0.27	0.00	0.21	0.41

### Covenants

Begin	End	Trigger	Condition	Consequence
30/06/2017	31/12/2023	Net debt/Ebitda(R)	< 3.50	Early repayment
30/06/2017	31/12/2023	Gearing	< 85.0	Early repayment



## Worth Knowing

### A bit of history

2015 experienced a tectonic change in the Chargeurs shareholding with 28% of the equity changing hands (see Governance section). This brought to an end about 25 years of management by Mr Eduardo Malone backed by the historical main shareholder of Chargeurs, Mr Seydoux. Both then exercised their control through convertibles that were converted in September 2015. An ad hoc grouping of investors named Columbus Holding SAS has since been the new “reference” shareholder. Columbus has been set up for the sole purpose of owning Chargeurs shares and is managed by Mr Michaël Fribourg who also acts as the Chairman and CEO of Chargeurs SA. The relative weights of the Columbus shareholders remain unknown but Mr Fribourg made it clear by early 2019 that he had gained the “vast majority” of Columbus. Columbus itself may be geared to some extent as Chargeurs has established a proactive dividend policy.

### Convincing drive

The big change introduced by the new owner and manager is to pursue a clear line of profitable growth across the existing four lines of business. They are identified as niche businesses but big enough, due to the world reach of Chargeurs, to offer considerable earnings/dividends prospects provided there is a process to address that growth potential.

Over the last five years, it is clear that the new governance has whipped into positive action existing businesses and managed to surround itself with a new breed of entrepreneurial managers at headquarter level. This appears to result in a positive mixture of extracting more from existing operations through a development logic (as opposed to the cost-paring obsessions of too many managers) and preparing the group for quality growth through well-prepared acquisitions.

### Next big step

Chargeurs’ drive for growth has set a 2024 target at €800m with a 9% to 10% EBITDA margin and a €1bn target as of 2025. This will require a combination of organic growth and a contribution from acquired growth in luxury goods.

### Shareholders

Name	% owned	Of which % voting rights	Of which % free to float
Columbus Holding SAS	27.1%	29.6%	0.00%
Sycomore Asset Mgt	8.70%	8.30%	8.70%
Amundi	5.70%	5.40%	5.70%
Treasury Shares	4.60%	4.40%	0.00%
<b>Apparent free float</b>			<b>68.3%</b>

### Key shareholders of shareholders

Shareholders	Shareholders of shareholders
Amundi	Crédit Agricole

## Sustainability

### Chargeurs' sustainability strategy

The Chargeurs Group's sustainability strategy is in alignment with the UN Sustainable Development Goals. The Group has been a signatory of the UN Global Compact since 2017. In 2020, the Group launched a sustainability-linked Euro PP issue with two KPIs: reducing the frequency of work accidents and increasing the share of revenue from sustainable products and services. The Group's strategy is built on 2 additional KPIs: reducing CO2 emissions and water consumption by production units. The progression in the group's ESG performance is assessed by the independent rating agency Ethifinance (GAIA rating). Overall, Chargeurs is doing-well as testified by a 77/100 score in 2020 (vs 69 in 2019) outperforming the average 51/100 of the 230 companies in the Gaia panel.

### Sustainability score

Sustainability is made of analytical items contributing to the E, the S and the G, that can be highlighted as sustainability precursors and can be combined in an intellectually acceptable way. This is the only scale made available

	Score	Weight
<b>Governance</b>		
Independent directors rate	4/10	25%
Board geographic diversity	0/10	20%
Chairman vs. Executive split	X	5%
<b>Environment</b>		
CO <sup>2</sup> Emission	1/10	25%
Water withdrawal	2/10	10%
<b>Social</b>		
Wage dispersion trend	6/10	5%
Job satisfaction	0/10	5%
Internal communication	10/10	5%
<b>Sustainability score</b>	<b>2.3/10</b>	<b>100%</b>

## Governance & Management

Since October 2015, the change of control has led to a change of governance with Mr Michaël Fribourg acting as Chairman and CEO whereas the previous set up was to split the Chairman and CEO positions. There are five new board members: Mr Fribourg, Mr Coquoin (an asset manager for the Habert-Dassault family office), Mr Urbain as a Columbus representative, Ms Cecilia Ragueneau and Ms Isabelle Guichot.

Mr Fribourg took over the full management of Chargeurs in a remarkably short time span by late 2015 and has since been shifting gears in the right direction with impressive results.

The striking aspect of the “new” Chargeurs is that it is new in its management style with a CEO keen to rebuild the growth potential of existing businesses through positive, entrepreneurial management. The eye remains keenly focused on the financial performance and a defensive balance sheet which is a hard act for anyone to execute.

### Governance score

Company (Sector)









5.4 (6.9)

Independent board















No

Parameters	Company	Sector	Score	Weight
Number of board members	7	9	9/10	5.0%
Board feminization (%)	42	40	8/10	5.0%
Board domestic density (%)	100	54	0/10	10.0%
Average age of board's members	60	60	5/10	5.0%
Type of company : Small cap, controlled			4/10	10.0%
Independent directors rate	42	50	4/10	20.0%
One share, one vote			✗	10.0%
Chairman vs. Executive split			✗	0.0%
Chairman not ex executive			✓	5.0%
Full disclosure on mgt pay			✓	5.0%
Disclosure of performance anchor for bonus trigger			✓	5.0%
Compensation committee reporting to board of directors			✗	5.0%
Straightforward, clean by-laws			✓	15.0%
<b>Governance score</b>			<b>5.4/10</b>	<b>100.0%</b>

## Management

Name		Function	Birth date	Date in	Date out	Compensation, in k€ (year)	
						Cash	Equity linked
Michaël FRIBOURG	M	 CEO	1982	2015		1,553	(2022)
Olivier BUQUEN	M	 CFO		2016			(2022)
Matthieu BALESCUT	M	 Member of the management board	1976	2018			
Joelle FABRE-HOFFMEISTER	F	 Member of the management board		2016			
Angela CHAN	F	 Executive Officer	1967	2017			
Laurent DEROLEZ	M	 Executive Officer	1958				
Sampiero LANFRANCHI	M	 Executive Officer	1983	2017			(2022)
Federico PAULLIER	M	 Executive Officer	1960	2013			

## Board of Directors

Name		Indep.	Function	Completion of current mandate	Birth date	Date in	Date out	Fees / indemnity, in k€ (year)	Value of holding, in k€ (year)
Michaël FRIBOURG	M		 President/Chairman of th...	2021	1982	2015		0.00 (2022)	
Emmanuel COQUOIN	M		 Member	2022	1961	2015		77.8 (2022)	
Isabelle GUICHOT	F		 Member	2022	1966	2016		77.8 (2022)	
Anne-Gabrielle HEILBRONNER	F		 Member	2025	1954	2022		31.1 (2022)	
Cecilia RAGUENEAU	F		 Member	2023	1973	2017		77.8 (2022)	
Nicolas URBAIN	M		 Member	2023	1960	2015		77.8 (2022)	
Georges RALLI	M		 Secretary	2022	1948	2013		46.7 (2022)	

## Environment

On the environment pillar, Chargeurs registered a score of 92/100 in 2020 on the back of good management of water, air, land and waste. Chargeurs is aiming to increase the share of revenue generated by sustainable products and services. As of 2020, Chargeurs generated 15% of sales from sustainable products and services and is targeting a 100% share of revenue by 2030. The group is also aiming to improve its carbon footprint. In 2020, Chargeurs emissions amounted to c.52t of CO<sub>2</sub>, a 2% decrease compared to 2019. Concerning water consumption, Chargeurs' goal is to reduce its consumption and implement integrated water resources management at all levels by 2030. In 2020, Chargeurs achieved a 28% decrease in its water consumption.

### Environmental score

Data sets evaluated as trends on rolling calendar, made sector relative

Parameters	Score	Sector	Weight
CO <sub>2</sub> Emission	1/10	5/10	30%
Water withdrawal	2/10	5/10	30%
Energy	1/10	4/10	25%
Waste	3/10	5/10	15%
<b>Environmental score</b>	<b>1.6</b>		<b>100%</b>











Company (Sector)

**1.6** <sub>(4.5)</sub>

### Environmental metrics

	2019	2020	Company				Sector
			2021	2022	2023	2024	2022
Energy (GJ) per €m in capital employed	2,485	3,001	2,545	1,893			326
			2.2	4.3	2.9	1.6	4.7
CO <sub>2</sub> tons per €m in capital employed	158	158	149	143			25
Tons waste generated per €m in capital employed	32	34	34	25			10
Cubic meter water withdrawal per €m in capital employed	1,873	2,427	1,439	1,060			261

### Sector figures

Company	Country	Environment score	Energy (total, in GJ)	CO <sub>2</sub> Emissions (in tons)	Water Withdrawal (in m <sup>3</sup> )	Waste (total, (in tons)
DKSH		4/10	434,070	62,686		
<b>Chargeurs</b>		<b>2/10</b>	<b>782,677</b>	<b>59,260</b>	<b>438,315</b>	<b>10,372</b>
Adecco		3/10		48,535		
SGS		4/10	3,411,256	116,505	1,985,965	78,560
Experian		6/10	248,400	21,200		
Rentokil Initial		4/10	3,355,866	216,757		
Randstad		6/10	1,188,379	58,200	280,000	1,500
Securitas		5/10		153,633		
Bureau Veritas		5/10	986,069	151,417	1,077,000	
Eurofins Scientific		5/10	2,679,250	180,779	1,500,000	

## Social

Chargeurs social pillar is even more impressive than its environment pillar with a 100/100 score. Chargeurs is committed to a social strategy which revolves around four targets: safety of employees, diversity and inclusion, upholding human rights and employee training. To achieve these goals, the Group has developed a new on-site-based safety approach as well as a culture of safety with the Global Safety Day. It also has a talent sponsorship program and provides 100% of its full-time employees with health insurance. Chargeurs has also donated 80,000 masks and 10,000 liters of hand sanitizer to hospitals, nursing homes and non-profit organizations.

### Social score

Company (Sector)

# 6.7

(6.2)

### Quantitative metrics (67%)

Set of staff related numerical metrics available in AlphaValue proprietary modelling aimed at ranking on social/HR matters

Parameters	Score	Weight
Staffing Trend	6/10	15%
Average wage trend	6/10	30%
Share of added value taken up by staff cost	5/10	20%
Share of added value taken up by taxes	4/10	15%
Wage dispersion trend	6/10	20%
Pension bonus (0 or 1)	0	
<b>Quantitative score</b>	<b>5.5/10</b>	<b>100%</b>

### Qualitative metrics (33%)

Set of listed qualitative criterias and for the analyst to tick

Parameters	Score	Weight
Accidents at work	10/10	25%
Human resources development	10/10	35%
Pay	10/10	20%
Job satisfaction	0/10	10%
Internal communication	10/10	10%
<b>Qualitative score</b>	<b>9.0/10</b>	<b>100%</b>

AlphaValue analysts tick boxes on essential components of the social/HR corporate life. Decision about ticking Yes or No is very much an assessment that combines the corporate's communication on relevant issue and the analyst's better judgment from experience.

### Qualitative score

Parameters	Yes  / No 	Weight
<b>Accidents at work</b>		<b>25%</b>
Set targets for work safety on all group sites?		10.0%
Are accidents at work declining?		15.0%
<b>Human resources development</b>		<b>35%</b>
Are competences required to meet medium term targets identified?		3.5%
Is there a medium term (2 to 5 years) recruitment plan?		3.5%
Is there a training strategy tuned to the company objectives?		3.5%
Are employees trained for tomorrow's objectives?		3.5%
Can all employees have access to training?		3.5%
Has the corporate avoided large restructuring lay-offs over the last year to date?		3.5%
Have key competences stayed?		3.5%
Are managers given managerial objectives?		3.5%
If yes, are managerial results a deciding factor when assessing compensation level?		3.5%
Is mobility encouraged between operating units of the group?		3.5%
<b>Pay</b>		<b>20%</b>
Is there a compensation committee?		6.0%
Is employees' performance combining group AND individual performance?		14.0%
<b>Job satisfaction</b>		<b>10%</b>
Is there a measure of job satisfaction?		3.3%
Can anyone participate ?		3.4%
Are there action plans to prop up employees' morale?		3.3%
<b>Internal communication</b>		<b>10%</b>
Are strategy and objectives made available to every employee?		10.0%
<b>Qualitative score</b>	<b>9.0/10</b>	<b>100.0%</b>

## Staff & Pension matters

At the end of 2022, Chargeurs' workforce reached 2.3k employees. About half (1,276) are European based with the bulk (c.600) in France mainly driven by the Advanced Materials and Fashion Technologies operations. Chargeurs is keen to both rebalance its geography of production assets (i.e. new plants out of France like the production line in Italy) and rejuvenate the French staff.

Detailed financials at the end of this report

### Summary Of Pension Risks

		12/22A	12/23E	12/24E	12/25E
<b>Pension ratio</b>	%	<b>4.02</b>	<b>9.41</b>	<b>9.21</b>	<b>8.78</b>
Ordinary shareholders' equity	€M	280	262	283	313
<b>Total benefits provisions</b>	<b>€M</b>	<b>11.7</b>	<b>27.3</b>	<b>28.7</b>	<b>30.1</b>
<i>of which funded pensions</i>	€M	-1.60	8.88	9.45	10.0
<i>of which unfunded pensions</i>	€M	12.9	18.0	18.8	19.7
<i>of which benefits / health care</i>	€M	0.40	0.42	0.43	0.45
Unrecognised actuarial (gains)/losses	€M	0.00	0.00	0.00	0.00

### Geographic Breakdown Of Pension Liabilities

		12/22A	12/23E	12/24E	12/25E
US exposure	%	33.0	33.0	33.0	33.0
UK exposure	%				
Euro exposure	%	67.0	67.0	67.0	67.0
Nordic countries	%				
Switzerland	%				
Other	%				
Total	%	100	100	100	100



## Recent updates

**17/04/2024** Opinion change, due to market moves, from Add to Buy

**16/02/2024**

### Operational results in line with the 2023 expectations

Earnings/sales releases

**Although 2023 was disappointing, Chargeurs' top-line and underlying operating profit were broadly in line with our expectations. As had been warned, the pain came from the cash flow spinner, Chargeurs Advanced Materials, in the face of order volatility. The bright side was Chargeurs Museum Studio with astounding deliveries. 2023's low Ebit-FCF had to contend with soaring interest costs of €29.7m and gearing concerns. This need not be structural and will not derail the management's long-term ambitions.**

### Fact

- Chargeurs has launched a takeover bid at €12 per share for its leading shareholder Columbus to garner more than 50% (50% + 1 share at least) of Chargeurs. The offer is valid until March 13, 2024. Consequently, no dividend will be paid this year and investors will have to wait until 2025.
- Chargeurs posted revenues of €653.2m in 2023, down by 6.9% organically, and underlying profit was down by 42% to €26.6m, but overall in line with our expectations, mainly affected by CAM.
- In 2023, Chargeurs Advanced Materials (CAM) reported revenues of €272m, corresponding to a decline of 18.2% yoy (organic of 17%), and underlying profit from operations was down by 55.7% to €10.1m, above our expectations. The division was penalized by demand volatility.
- Chargeurs Museum Studio (CMS) reported a sharp rise in sales to €105.8m (above the expected €120m including Hypsos, which was classified as an "asset held for sale"). Operating income for the division came to €8.5m, up by 44%, bringing the margin up to 8%.
- In line with the lower EBITDA contribution (particularly at CAM), the net cash flow from operating activities fell sharply from -€7.4m to -€15.2m.
- The Group's net debt position had deteriorated to €235.6m at the end of 2023 from €174.7m at the end of 2022, bringing the Net Debt/EBITDA ratio to 5x from 2.6x in 2022.
- From 2024, Chargeurs expects the business to pick up. Chargeurs is intent on strengthening its debt ratio, with a target Net Debt/EBITDA

ratio of 2.5x to 3.5x thanks to an Ebitda recovery.

€m	2023	2022	var. 22 vs. 21	
			reported	like-for-like
<b>Total full-year</b>				
<b>Technologies</b>	<b>465.1</b>	<b>559.0</b>	<b>-16.8%</b>	<b>-10.1%</b>
Chargeurs Advanced Materials	272.0	332.6	-18.2%	-17.3%
Chargeurs PCC Fashion Technologies (incl. Healthcare Solutions)	193.1	226.4	-14.7%	+0.6%
Chargeurs PCC Fashion Technologies (excl. Healthcare Solutions)	193.1	220.0	-12.2%	+3.5%
<b>Luxury</b>	<b>188.1</b>	<b>174.9</b>	<b>+7.5%</b>	<b>+3.4%</b>
Chargeurs Museum Studio	105.8	74.7	+41.6%	+33.5%
Chargeurs Luxury Fibers	73.3	94.7	-22.6%	-21.0%
Chargeurs Personal Goods	9.0	5.5	+63.6%	+14.5%
<b>Group Total</b>	<b>653.2</b>	<b>733.9</b>	<b>-11.0%</b>	<b>-6.9%</b>

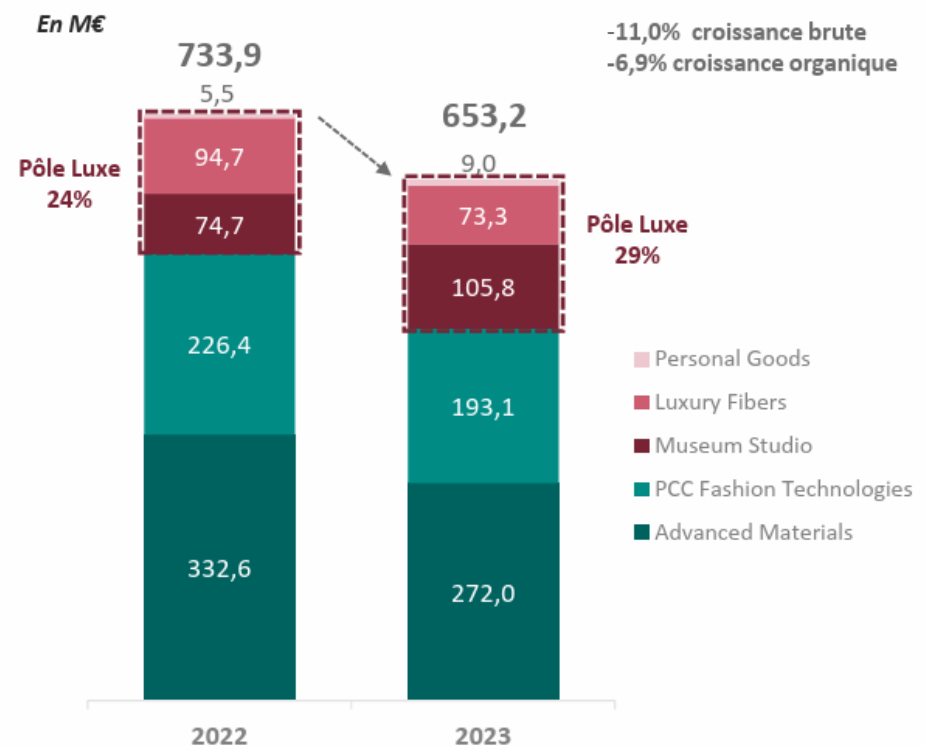
### Analysis

Chargeurs faced a particularly challenging 2023 environment marked by China's slowdown, record high energy costs, high interest rates and slowing industrial sectors. Chargeurs' FY 2023 results were penalized by the decline of Chargeurs Advanced Materials (CAM), with a negative volume effect, in spite of the Q4 23 rebound. Nevertheless, the Group's top-line and margin figures were broadly in line with our estimates. Over 2023, Chargeurs recorded an 11% drop in revenues (of which 7% organic) to €653.2m (vs. €733.9m in 2022 and €669m expected) and an 11% drop in underlying operating profit to €26.6m (vs. €46.1m in 2022 and €26.2m expected).

### Takeover bid: take up or shut up

After a particularly tumultuous 2023, Chargeurs launched its takeover bid at a price of €12, initiated by Columbus Holding and Columbus Holding 2, controlled by CEO Michaël Fribourg, with no intention of delisting its shares. Family money (Columbus and its backers) is keen to take a long-term view for Chargeurs that will not be impressed by short-term profitability swings. Effectively Columbus is offering an opportunity for short-term holders to exit gracefully. The "new" Chargeurs will be on display in Q1-2025 once the strategic plans are finalized. We would speculate that the banks – which are essential to this long-term deployment- are happy to back Columbus with limited strings attached.

### Divisional revenue breakdown



On the revenue side, the performance of the Luxury and Technology divisions was very mixed in 2023, with organic growth of +3.4% and -10.1% respectively. In the technology division, Chargeurs Advanced Materials (CAM) and Chargeurs PCC Fashion Technologies (PCC-FT) both had a difficult year, with declines of 18.2% and 12.2% respectively. In H1-23, CAM was penalized by a contraction in volumes in a context of post-Covid destocking and the gradual recovery in volumes seen in Q3-23 failed to offset the fall in polyethylene costs passed through to clients. Looking ahead, Chargeurs expects volumes to improve from 2024 onwards, albeit without returning to their record levels of 2021-2022. CFT PCC, for its part, was penalized by hyperinflation and the sharp devaluation (50%) in the Argentine peso, but maintained its organic growth at 3.5% in 2023.

The Luxury division maintained its momentum, boosted by the expansion of Chargeurs Museum Studio, which reported remarkable organic sales growth of 33.5% in 2023 to €105.8m, and €120m including Hypsos. The Group reaffirmed its guidance for sales of €150m in 2024, notwithstanding the disposal of Hypsos. The Chargeurs Luxury Fibers division recorded an organic decline of 21%, with sales of €73.3m due, in particular, to the cyclone that hit its business at the beginning of the year.

#### Lower profitability, again penalized by CAM

On the profitability front, in line with the negative developments at CAM, Ebit fell sharply to €26.6m from €46.1m in 2023, although in line with our expectations (estimated at €26.2m). As such, CAM recorded an abnormally low level of operating income from activities, at €10.1m or 3.7% of sales, due to lower absorption of fixed costs. On the other hand, consistent with its 42% revenue growth, CMS recorded a 44% increase in its operating profit to €8.5m,

bringing the margin up to 8% in 2023. CLF and CFT-PCC margins were in line with our expectations. For CFT-PCC, profitability was impacted by higher energy costs and hyperinflation, which had a €3m negative effect on EBIT, reducing the margin to 7%. As for CLF, profitability increased to 3%, against an EBIT margin of 2.1% in 2022, under cover of the NATIVA boom.

#### **Low FCF generation putting pressure on the balance sheet**

On the back of the lower EBITDA contribution (particularly at CAM), the net cash flow from operating activities fell sharply from -€7.4m to -€15.2m. Together with higher capex, the Group's net debt position deteriorated to €235.6m at the end of 2023 from €174.7m at the end of 2022, increasing the Net Debt/EBITDA ratio to 5x from 2.6x in 2022.

The rise in interest rates, coupled with the hyperinflationary situation in Argentina, led to a sharp increase in financial expenses to €29.7m from €18.9m last year and €20.5m expected.

#### **2024 is shaping up to be better**

The worst seems to be over with signs of a rebound, notably with a recovery in volumes in the main business, CAM, which recorded 5% yoy volume growth in the Q4-23. As a result, the Group expects to generate positive operating cash flow and return to a normal level of net income. As a result Chargeurs hopes to achieve a net debt/EBITDA ratio of around 2.5-3.5x.

#### **2025 will set the new roadmap**

As Chargeurs has said, 2024 is a transitional year, even if CAM should begin to bounce back. It will take until 2025 for us to see any change at Chargeurs, when a new operating plan for the 2025-2030 cycle will be unveiled. Until then, investors will need to be patient.

#### **Impact**

The 2023 earnings release is also a turning point to some sort of a Chargeurs Mark II under the aegis of its CEO and controlling shareholder. CEO Fribourg is bent on deploying value expansion for Chargeurs as a holding company over the long run. The message is that minorities are welcomed but should not bother complaining to the management about any short-term earnings vagaries. AlphaValue will most probably revert to its analysis of Chargeurs as a HoldCo (building up asset value) as opposed to an integrated conglomerate (focused on short-term earnings and pay-outs). The target price is unlikely to suffer.

#### **20/12/2023**

#### **Chargeurs, the rationale behind a takeover bid**

M&A /Corp. Action

**On Friday, Chargeurs announced a takeover bid for itself. Columbus Holding, controlled by Michaël Fribourg, Chairman and CEO of Chargeurs, which currently holds 30% of Chargeurs' voting rights, is to**

**launch a takeover bid to garner more than 50% of Chargeurs while retaining a listing. With an offer at a 50.5% premium compared to the last three months, Chargeurs sends a signal to the market about its value.**

### Fact

- The companies Colombus Holding and (newly formed) Colombus Holding 2, controlled by Michaël Fribourg, Chairman and CEO of Chargeurs, will launch a takeover bid for the shares of Chargeurs without looking for a delisting.
- To date, Colombus holds 26.5% of Chargeurs and 29.5% of Chargeurs' voting rights.
- The offer price of €12 per share represented a premium of 36.22% over last month's average share price and 50.5% over the last three months.
- The Board of Directors has welcomed this transaction, which remains subject to the opinion of the employee representative bodies and the independent expert's report.

### Analysis

Colombus with currently close to 30% of the voting rights in Chargeurs (26.5% stake) announced on Friday, 15-12-2023, its intention to launch a bid to garner more than 50% (50% + 1 share at least) of Chargeurs. Yet, it intends to retain a listing "with a significant level of free float to ensure solid liquidity of the shares". The planned offer at €12 is at a 36% premium to the last month's average and corresponds to a 50.5% premium to the last three months' average. Colombus is ultimately controlled by Chargeurs's Chair and CEO with the support of the Dassault family office. For the purpose of this deal, a Colombus 2 is being set up, bringing together in capital alongside the Fribourg family the historic partners, i.e. the Habert-Dassault family and BNP Paribas Development, as well as new partners including MACSF and CARAC. If the transaction does not result in the acquisition of more than 50% of the capital or voting rights, the offer will lapse.

Michaël Fribourg explained that the market environment for small and mid-cap stocks is difficult with the high volatility. This is an environment that he believes is adding unwarranted strong downward pressure on Chargeurs' share price, making it difficult to develop a long-term strategy. In fact, Chargeurs sees 2024 as a transitional year, with a new strategic plan not due to be launched until 2025, with genuine changes expected in 2030-35. A structuring M&A operation in the near future is therefore no longer topical. All the above considerations explain Michaël Fribourg's determination to strengthen his grip on the stock. With a clear majority control, Michaël Fribourg would be able to fully implement his vision and, who knows, perhaps execute a complete turnaround away from its existing assets from 2025 onwards. The strategic review is unlikely to be released before late 2024 and for now the addition of luxury assets as part of a business reshuffling is dropped.

All in all, if it is true that Chargeurs is showing resilience in a difficult environment, the rebound of its businesses is set to take time. In this sense,

we see the tender offer as a liquidity opportunity for minority shareholders. In addition, the operation sends a signal to the market: Chargeurs believes in its stock and considers the market's sanctions too severe.

### Impact

This news has no impact on our estimates, although we expect modest growth and a rebound, with 2025 sales below Chargeurs' €1bn target.

15/11/2023

### Adjustments to our FY 23-24 outlook

#### Change in EPS

2023 : € 0.18 vs 0.39	-53.5%
2024 : € 0.60 vs 0.74	-19.2%

We have downgraded our EPS estimates for 2023 and 2024. The main factor impacting our revenue estimates is Chargeurs Luxury Fibers, whose sales are expected to decrease significantly vs. 2022 due to a negative price effect (strong drop in the conventional wool price (i.e.: micron 17 down by -30% on Q3 and -21% for 9M 23), and a change in product mix (less conventional and growing certified Nativa wool).

In terms of margins, the main drivers of our downward revision are (i) we had been overly optimistic about Fashion Technologies' margins considering the figures published in H1 23, (ii) we have removed the Healthcare solutions division, which is no longer contributing to Chargeurs' sales and underlying profit, (iii) we have aligned our numbers with the guidance provided by Chargeurs for Museum Studio as we had been a bit too bullish and (iv) as we did not have any information on Swaine, and given the scale-up work that will require opex, we had assumed that Swaine would be consolidated in 2024 and will not contribute to margins.

In 2024, our estimates have been negatively impacted mainly by the downward revision of our estimates for Museum Studio.

Despite these revisions, we remain positive overall especially on CAM, on which we are confident of a rebound, leading to similar margins in absolute terms, despite the fall in our revenue estimates.

#### Change in NAV

€ 28.1 vs 32.2	-12.9%
----------------	--------

Given that we have based our NAV valuation on EV/EBITDA multiples with an average estimated EBITDA for 2023, 2024 and 2025, the downward revision to our EBITDA forecasts has penalised our NAV estimate. Specifically, consistent with the downward revision of our EBITDA estimates for Chargeurs Fashion Technology, the division's valuation has fallen from €300m to €270m. In addition, we have removed Healthcare solutions, which has also penalised our NAV.

#### Change in DCF

€ 11.8 vs 17.0	-30.6%
----------------	--------

The sharp fall in our DCF comes from the downward revisions to our FY 23-24 EPS forecasts (see EPS commentary). In 2023, we now expect revenues of €669m (vs. €702m) and an underlying operating profit of €27m (vs. €35m), representing a margin of 4% (vs. 5%). In 2024, we expect revenues of around €753m, compared with €788m previously, and an underlying operating profit of €43m (or a margin of 5.7%), compared with €49m (or a margin of 6.2%).

**13/11/2023**

**The worst is over as Chargeurs Advanced Materials is on the comeback trail**

Earnings/sales releases

**Chargeurs continued to be negatively impacted by a still-difficult environment for its various businesses in the Q3 23, with a 7.6% organic decline in revenues. However, the worst now seems to be over as the recovery in the Advanced Materials division is showing signs of picking up pace, with the monthly volumes in September and October higher than in 2022. Meanwhile, Chargeurs Museum Studio continues to assert itself as a new growth driver. The 2024 targets were reaffirmed.**

**Fact**

- Chargeurs posted organic sales down 7.6% yoy to €150.8m in Q3 23, penalized by its Chargeurs Advanced Materials (ex-Protective film) and Chargeurs Luxury Fibers (CLF) businesses.
- The Technology and Luxury divisions posted organic declines of 6.1% and 12.3% respectively in the quarter, with sales of €112.7m and €38.1m.
- In Q3 23, Chargeurs Advanced Materials recorded a 13.9% organic yoy drop in revenues to €64.1m which, in addition to being penalized by a difficult market, experienced a seasonality effect in August.
- Chargeurs Luxury Fibers also recorded a sharp decline, -36.5% organic yoy, to €13.2m due to a negative price effect (strong drop in the conventional wool price (i.e.: micron 17 down -30% on Q3 and -21% for 9M 23), and a change in product mix (less conventional and rising certified Nativa wool), which Chargeurs does not expect to negatively impact the gross margin, as conventional sales have a lower margin compared with certified wool.
- On the other hand, the Museum Studio (CMS) business appeared robust, with 13.6% organic growth yoy and revenues of €22.8m for the quarter.
- Chargeurs reaffirmed its 2024 outlook of sales in excess of €800m, an EBITDA margin of between 9% and 10% and a Debt/Ebitda multiple of less than 3x.

€m	2023	2022	chg. 23 vs. 22	
			reported	like-for-like
<b>Third quarter</b>				
<b>Technologies</b>	<b>112.7</b>	<b>132.7</b>	<b>-15.1%</b>	<b>-6.1%</b>
Advanced Materials	64.1	76.8	-16.5%	-13.9%
PCC Fashion Technologies (incl. Healthcare Solutions)	48.6	55.9	-13.1%	+4.7%
PCC Fashion Technologies (excl. Healthcare Solutions)	48.6	55.8	-12.9%	+4.8%
<b>Luxury</b>	<b>38.1</b>	<b>42.2</b>	<b>-9.7%</b>	<b>-12.3%</b>
Museum Studio	22.8	20.4	+11.8%	+13.6%
Luxury Fibers	13.2	21.8	-39.4%	-36.5%
Personal Goods	2.1	-		
<b>CHARGEURS</b>	<b>150.8</b>	<b>174.9</b>	<b>-13.8%</b>	<b>-7.6%</b>

## Analysis

Chargeurs continues to be hampered by a challenging environment in 2023, which translated into a 7.6% yoy organic sales decline to €150.8m in the Q3. As mentioned before, the biggest underminer of Chargeurs' performance is its macro proxy, Chargeurs Advanced Materials (CAM). Having enjoyed an exceptional 2021, boosted by an inventories build-up by clients, the business has had to contend with a destocking effect since 2022. That said, the division has now passed its nadir.

### Chargeurs Advanced Materials set for a rebound

In Q3 23, CAM reported a 13.9% yoy organic decline in revenues to €64.1m. While at first sight such a contraction may appear negative, it is actually positive when set against the 27% yoy lfl decline in the Q1 23 and the 19.2% yoy lfl decline in Q2-23. In spite of the complex market conditions and a seasonal August, volumes picked up in October for the fifth consecutive month, exceeding those recorded in the same period in 2022. The volume upturn in all regions – Asia, EMEA and the Americas – bears witness to an upswing.

### No decline yet for the Fashion business

While Chargeurs PCC Fashion Technologies (CFT PCC) reported a 12.9% yoy decline in absolute revenues in Q3 23 to €48.6m, the division recorded a 4.8% organic increase in revenues. CFT PCC enjoyed a positive price effect stemming partly from the hyperinflationary situation in Argentina, together with a favourable volume effect in Asia. Chargeurs does not seem concerned by the slight decline in European sales in Q3, as CFT PCC is planning to expand its global network across all apparel segments with an increasing market share.

### Museums further established themselves as the Group's new growth lever

Following on from the H1 23, Chargeurs Museum Studio (CMS) further asserted itself as the Group's new growth lever, with revenues up 13.6% yoy to €22.8m, taking 9-month yoy organic growth to 35.9% with revenues of €84m. The division's momentum continues to be positive with worldwide projects in the pipeline. Quite an impressive performance, bearing in mind the fact that the business was built from scratch, which led to the reiteration of the revenue guidance of €120m in 2023 and €150m in 2024.

### Chargeurs Luxury Fibers' sales in the red, although profitability should remain unaffected



Chargeurs Luxury Fibers (CLF) reported an organic yoy decrease of 36.5% with sales of €13.2m in the Q3 23 compared with €21.8m last year, due to lower conventional wool prices. Having said that, Chargeurs intends to pursue the premiumization of its business with growing sales linked to sustainable wool, Nativa, now accounting for 20% of sales versus 10% last year, a trend that is expected to enable CLF to maintain its operating margin.

#### **Positive initial results for Chargeurs Personal Goods**

The Chargeurs Personal Goods division recorded a sound first set of 9-month figures, with revenues of around €6.2m. We don't have a reference year, since the Cambridge Satchel and Altesse Studio brands were consolidated in December 2022, but we can however assert that the outlook for the division is good, with new partnerships expected for the Cambridge Satchel and new distributors, including Galeries Lafayette, for Altesse Studio.

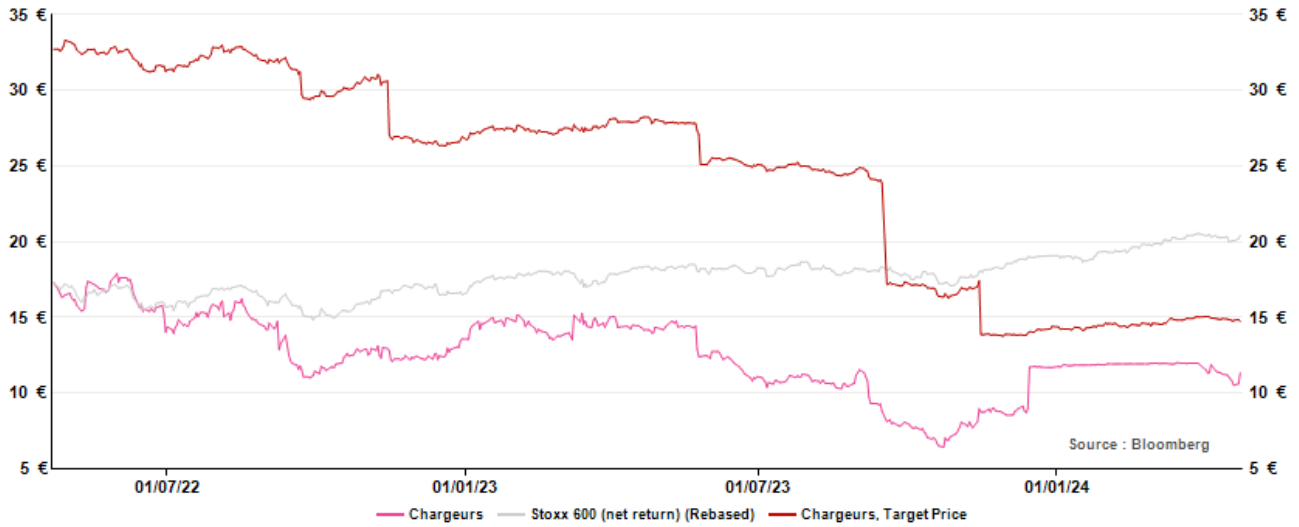
#### **2024 outlook reaffirmed**

Recent developments in terms of volumes suggest that CAM's gradual recovery scenario is materializing, which we regard as a clear positive. Chargeurs thus confirmed its 2024 objectives of sales in excess of €800m, with an EBITDA margin of 9-10% and a debt/EBITDA multiple of less than 3x.

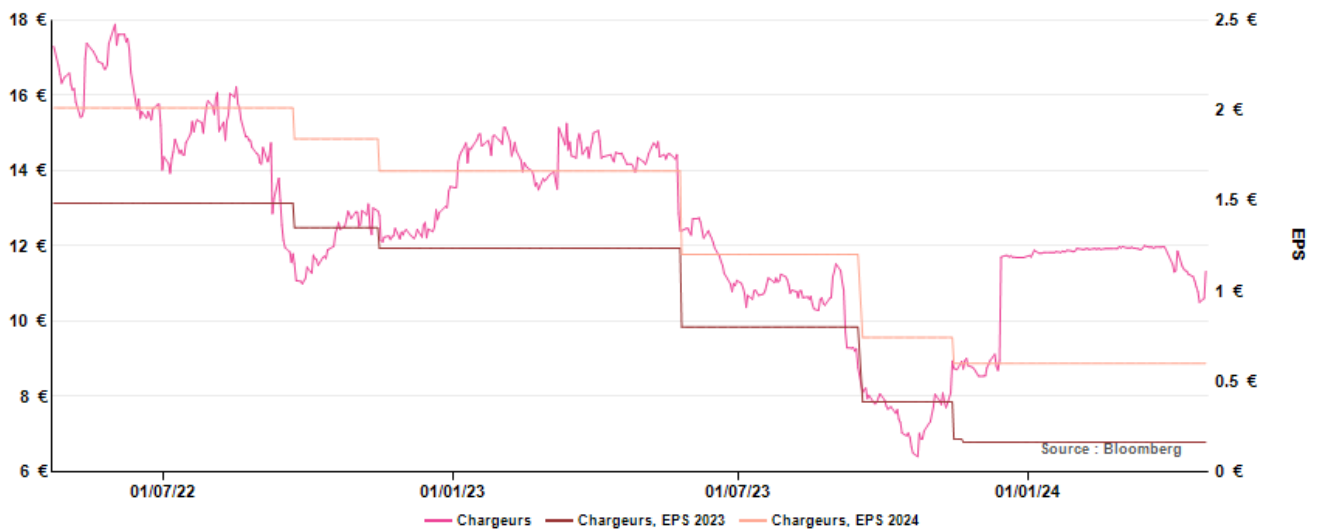
#### **Impact**

Our estimates are likely to remain broadly unchanged, although we are likely to revise downwards our revenue estimates for Chargeurs Luxury Fibers.

## Stock Price and Target Price



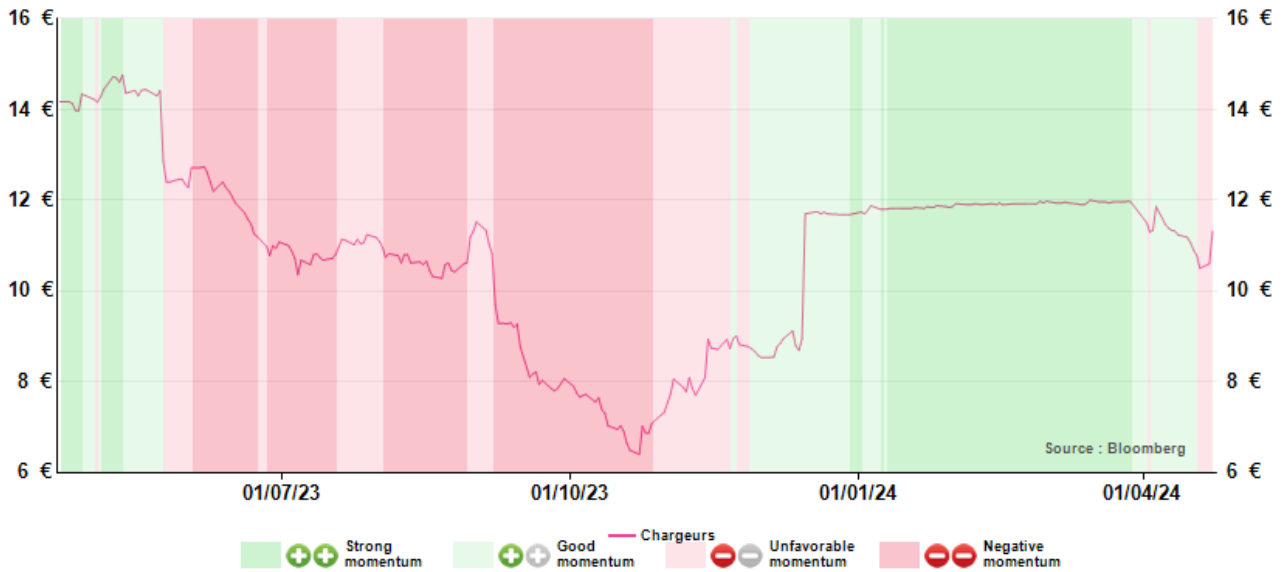
## Earnings Per Share & Opinion



### Chargeurs : Opinion



## Momentum






Momentum analysis consists in evaluating the stock market trend of a given financial instrument, based on the analysis of its trading flows.



The main indicators used in our momentum tool are simple moving averages over three time frames: short term (20 trading days), medium term (50 days) and long term (150 days). The positioning of these moving averages relative to each other gives us the direction of the flows over these time frames.


For example, if the short and medium-term moving averages are above the long-term moving average, this suggests an uptrend which will need to be confirmed. Attention is also paid to the latest stock price relative to the three moving averages (advance indicator) as well as to the trend in these three moving averages - downtrend, neutral, uptrend - which is more of a lagging indicator.

The trend indications derived from the flows through moving averages and stock prices must be confirmed against trading volumes in order to confirm the signal. This is provided by a calculation based on the average increase in volumes over ten weeks together with a buy/sell volume ratio.

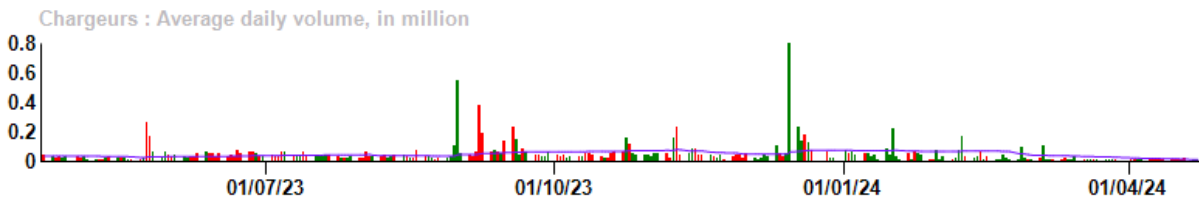
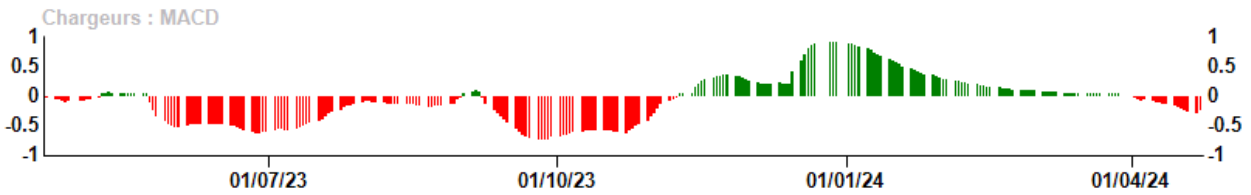
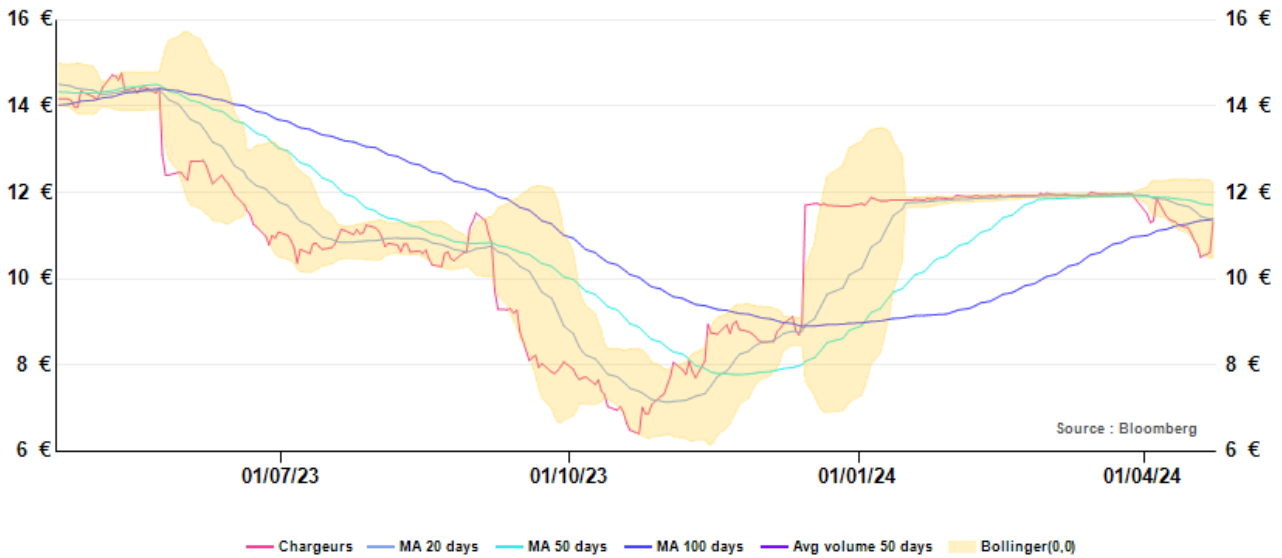
 : Strong momentum corresponding to a continuous and overall positive moving average trend confirmed by volumes

  : Relatively good momentum corresponding to a positively-oriented moving average, but offset by an overbought pattern or lack of confirmation from volumes

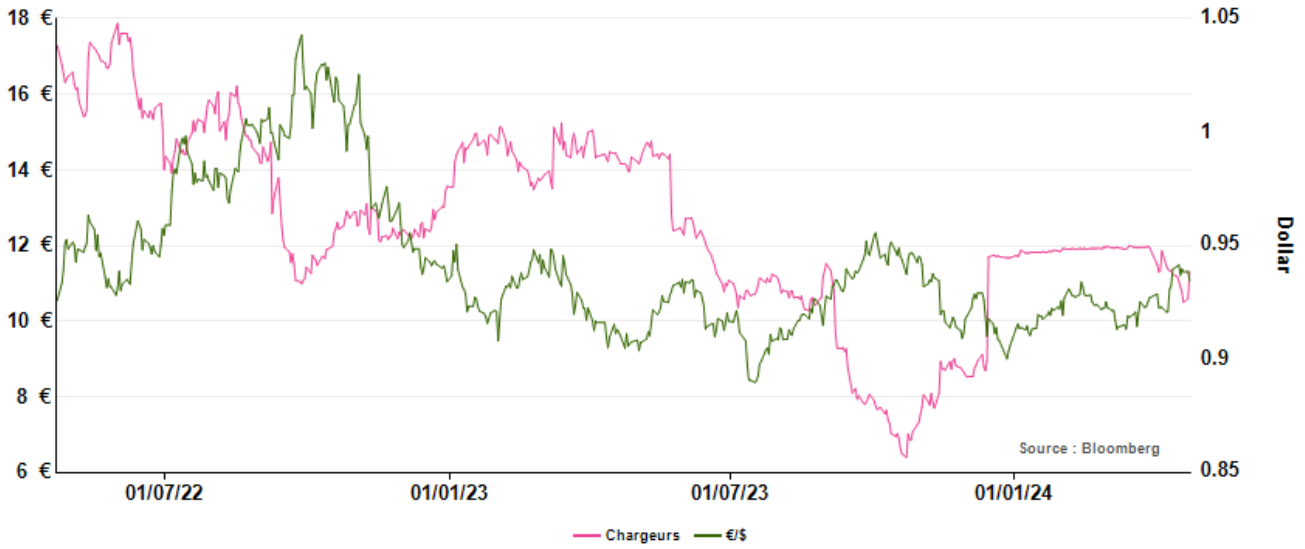
  : Relatively unfavorable momentum with a neutral or negative moving average trend, but offset by an oversold pattern or lack of confirmation from volumes

 : Strongly negative momentum corresponding to a continuous and overall negative moving average trend confirmed by volumes

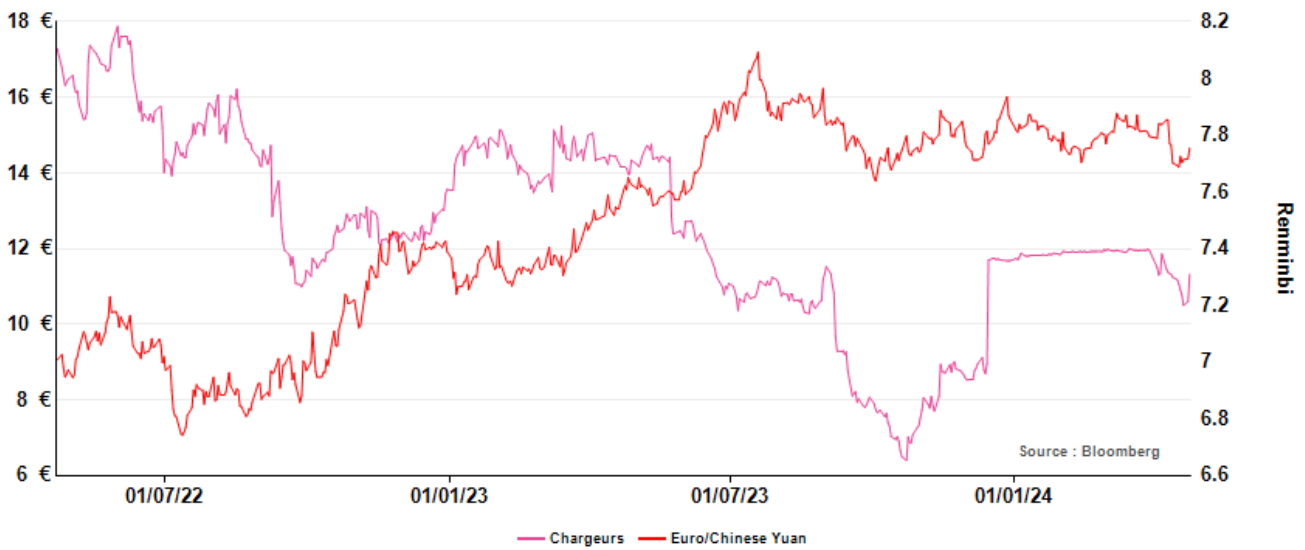
## Moving Average MACD & Volume



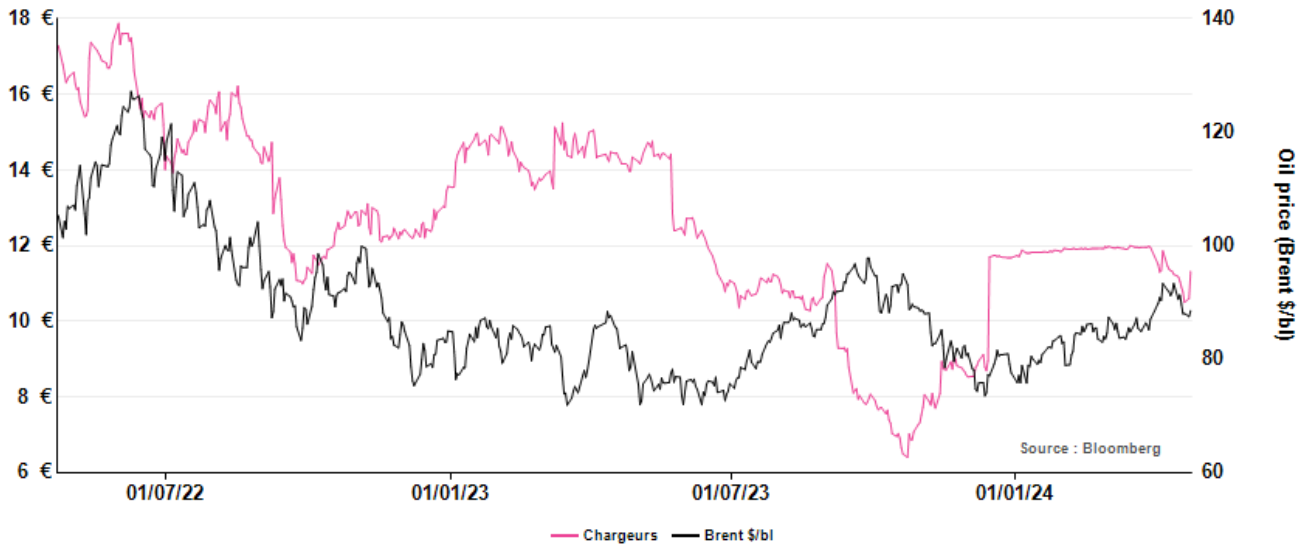
## €/\$ sensitivity



## Euro/Chinese Yuan sensitivity



## Brent \$/bl sensitivity



## Sector Support Services



## Detailed Financials

Valuation Key Data		12/22A	12/23E	12/24E	12/25E
<b>Adjusted P/E</b>	x	<b>18.3</b>	<b>72.5</b>	<b>18.9</b>	<b>11.6</b>
Reported P/E	x	18.3	72.5	18.9	11.3
<b>EV/EBITDA(R)</b>	x	<b>8.72</b>	<b>10.7</b>	<b>7.84</b>	<b>6.17</b>
EV/EBIT	x	15.2	24.4	14.7	10.6
EV/Sales	x	0.79	0.76	0.68	0.59
<b>P/Book</b>	x	<b>1.45</b>	<b>1.08</b>	<b>0.97</b>	<b>0.84</b>
<b>Dividend yield</b>	%	<b>4.51</b>	<b>1.52</b>	<b>5.30</b>	<b>8.66</b>
<i>Free cash flow yield</i>	%	-5.53	-0.08	2.52	5.52
Average stock price	€	16.9	11.8	11.3	11.3

<b>Consolidated P&amp;L</b>		<b>12/22A</b>	<b>12/23E</b>	<b>12/24E</b>	<b>12/25E</b>
<b>Sales</b>	€M	<b>746</b>	<b>669</b>	<b>753</b>	<b>843</b>
<i>Sales growth</i>	%	1.33	-10.3	12.6	11.9
<i>Sales per employee</i>	€th	318	280	311	345
Staff costs	€M	-132	-139	-146	-154
Operating lease payments	€M	0.00	0.00	0.00	0.00
Cost of sales/COGS (indicative)	€M	-551	-494	-557	-623
<b>EBITDA</b>	€M	<b>67.9</b>	<b>47.8</b>	<b>64.9</b>	<b>80.6</b>
EBITDA(R)	€M	67.9	47.8	64.9	80.6
<i>EBITDA(R) margin</i>	%	9.10	7.13	8.61	9.56
<i>EBITDA(R) per employee</i>	€th	28.9	20.0	26.8	32.9
Depreciation	€M	-22.5	-21.0	-23.6	-26.4
<i>Depreciations/Sales</i>	%	3.01	3.14	3.14	3.14
Amortisation	€M	-6.50	-5.83	-6.56	-7.34
<b>Underlying operating profit</b>	€M	<b>38.9</b>	<b>20.9</b>	<b>34.7</b>	<b>46.8</b>
<i>Underlying operating margin</i>	%	5.21	3.13	4.61	5.56
Other income/expense (cash)	€M	-0.40	-5.00	-5.00	-5.00
Other inc./ exp. (non cash; incl. assets revaluation)	€M	0.00	0.00	0.00	0.00
Mark to market on various operation-related hedges	€M	0.00	0.00	0.00	0.00
Earnings from joint venture(s)	€M	0.00	0.00	0.00	0.00
<i>Actual dividends from Jvs</i>	€M	0.00	0.00	0.00	0.00
<i>Actual accrued cash flows from JV</i>	€M	0.00	0.00	0.00	0.00
Impairment charges/goodwill amortisation	€M	0.00	0.00	0.00	0.00
<b>Operating profit (EBIT)</b>	€M	<b>38.5</b>	<b>15.9</b>	<b>29.7</b>	<b>41.8</b>
Interest expenses	€M	-14.9	-22.3	-18.0	-18.0
<i>of which effectively paid cash interest expenses</i>	€M	-14.9	-22.3	-18.0	-18.0
Financial income	€M	1.00	3.83	3.83	3.83
Other financial income (expense)	€M	-5.20	-2.00	-2.00	-2.00
<b>Net financial expenses</b>	€M	<b>-19.1</b>	<b>-20.5</b>	<b>-16.2</b>	<b>-16.2</b>
<i>of which related to pensions</i>	€M		-0.23	-0.96	-1.01
<b>Pre-tax profit before exceptional items</b>	€M	<b>19.4</b>	<b>-4.55</b>	<b>13.5</b>	<b>25.7</b>
Exceptional items and other (before taxes)	€M				
Current tax	€M	-2.50	1.27	-3.79	-7.19
Impact of tax loss carry forward	€M	5.00	6.50	4.00	4.00
Deferred tax	€M	0.00	0.00	0.00	0.00
<b>Corporate tax</b>	€M	<b>2.50</b>	<b>7.77</b>	<b>0.21</b>	<b>-3.19</b>
<i>Tax rate</i>	%	-12.9	ns	-1.54	12.4
<i>Net margin</i>	%	2.93	0.48	1.82	2.67
Equity associates	€M	0.00	0.70	0.70	0.70
<i>Actual dividends received from equity holdings</i>	€M	0.00	0.00	0.00	0.00
Minority interests	€M	0.20	0.00	0.00	0.00
<i>Actual dividends paid out to minorities</i>	€M	0.00	0.00	0.00	0.00
Income from discontinued operations	€M	0.00	0.00	0.00	0.00
<b>Attributable net profit</b>	€M	<b>22.1</b>	<b>3.92</b>	<b>14.4</b>	<b>23.2</b>
Impairment charges/goodwill amortisation	€M	0.00	0.00	0.00	0.00
Other adjustments	€M				
<b>Adjusted attributable net profit</b>	€M	<b>22.1</b>	<b>3.92</b>	<b>14.4</b>	<b>23.2</b>
<b>Fully diluted adjusted attr. net profit</b>	€M	<b>22.1</b>	<b>3.92</b>	<b>14.4</b>	<b>23.2</b>
<b>NOPAT</b>	€M	<b>29.2</b>	<b>16.6</b>	<b>27.4</b>	<b>36.6</b>



## Cashflow Statement

		12/22A	12/23E	12/24E	12/25E
EBITDA	€M	67.9	47.8	64.9	80.6
Change in WCR	€M	-40.5	-9.47	-14.0	-16.3
<i>of which (increases)/decr. in receivables</i>	€M	-7.80	4.90	-10.6	-11.4
<i>of which (increases)/decr. in inventories</i>	€M	-0.10	15.7	-20.6	-22.3
<i>of which increases/(decr.) in payables</i>	€M	-32.3	-25.2	17.9	18.1
<i>of which increases/(decr.) in other curr. liab.</i>	€M	-0.30	-4.83	-0.67	-0.73
Actual dividends received from equity holdings	€M	0.00	0.00	0.00	0.00
Paid taxes	€M	-4.00	7.77	0.21	-3.19
Exceptional items	€M				
Other operating cash flows	€M	-15.9	-8.00	-8.00	-8.00
<b>Total operating cash flows</b>	<b>€M</b>	<b>7.50</b>	<b>38.1</b>	<b>43.1</b>	<b>53.1</b>
Capital expenditure	€M	-10.8	-17.8	-20.0	-22.4
<i>Capex as a % of depreciation &amp; amort.</i>	%	37.2	66.4	66.4	66.4
Net investments in shares	€M	-5.10	-10.0	-10.0	-10.0
Other investment flows	€M	-7.20	0.00	0.00	0.00
<b>Total investment flows</b>	<b>€M</b>	<b>-23.1</b>	<b>-27.8</b>	<b>-30.0</b>	<b>-32.4</b>
Net interest expense	€M	-19.1	-20.5	-16.2	-16.2
<i>of which cash interest expense</i>	€M	-14.9	-20.3	-15.2	-15.2
Dividends (parent company)	€M	-17.9	-13.2	-1.32	-1.32
Dividends to minorities interests	€M	0.00	0.00	0.00	0.00
New shareholders' equity	€M	-3.90	0.00	0.00	0.00
<i>of which (acquisition) release of treasury shares</i>	€M	-3.90	0.00	0.00	0.00
Change in gross debt	€M	-32.9	28.4	0.00	0.00
Other financial flows	€M	-12.1	-3.00	-3.00	-3.00
<b>Total financial flows</b>	<b>€M</b>	<b>-81.7</b>	<b>-8.09</b>	<b>-19.5</b>	<b>-19.5</b>
Change in scope of consolidation, exchange rates & other	€M	0.00	0.00	0.00	0.00
Change in cash position	€M	-97.3	2.16	-6.47	1.18
Change in net debt position	€M	-64.4	-26.2	-6.47	1.18
Free cash flow (pre div.)	€M	-22.4	-0.24	6.89	14.5
Operating cash flow (clean)	€M	7.50	38.1	43.1	53.1
<i>Reinvestment rate (capex/tangible fixed assets)</i>	%	12.8	19.5	20.4	21.3

**Balance Sheet**

		12/22A	12/23E	12/24E	12/25E
Goodwill	€M	217	224	230	237
Other intangible assets	€M	58.8	58.8	58.8	58.8
<b>Total intangible</b>	<b>€M</b>	<b>276</b>	<b>283</b>	<b>289</b>	<b>296</b>
Tangible fixed assets	€M	84.4	91.4	98.4	105
Right-of-use	€M	29.5	30.1	30.7	31.3
Financial fixed assets (part of group strategy)	€M	8.10	8.10	8.10	8.10
Other financial assets (investment purpose mainly)	€M	12.6	12.6	12.6	12.6
<b>WCR</b>	<b>€M</b>	<b>15.4</b>	<b>24.9</b>	<b>38.9</b>	<b>55.2</b>
<i>of which trade &amp; receivables (+)</i>	€M	81.0	76.1	86.7	98.1
<i>of which inventories (+)</i>	€M	163	148	168	191
<i>of which payables (+)</i>	€M	209	183	201	219
<i>of which other current liabilities (+)</i>	€M	20.3	15.5	14.8	14.1
Other current assets	€M	49.0	49.0	49.0	49.0
<i>of which tax assets (+)</i>	€M				
<b>Total assets (net of short term liabilities)</b>	<b>€M</b>	<b>475</b>	<b>499</b>	<b>527</b>	<b>557</b>
Ordinary shareholders' equity (group share)	€M	280	262	283	313
Minority interests	€M	0.20	0.20	0.20	0.20
Provisions for pensions	€M	12.6	27.3	28.7	30.1
Other provisions for risks and liabilities	€M	13.1	13.1	13.1	13.1
Deferred tax liabilities	€M	-42.8	-42.8	-42.8	-42.8
Other liabilities	€M	30.4	30.4	30.4	30.4
<b>Net debt / (cash)</b>	<b>€M</b>	<b>182</b>	<b>208</b>	<b>215</b>	<b>213</b>
<b>Total liabilities and shareholders' equity</b>	<b>€M</b>	<b>475</b>	<b>499</b>	<b>527</b>	<b>557</b>
Gross Cash	€M	131	133	126	127
Average net debt / (cash)	€M	150	195	211	214

**EV Calculations**

		12/22A	12/23E	12/24E	12/25E
<b>EV/EBITDA(R)</b>	<b>x</b>	<b>8.72</b>	<b>10.7</b>	<b>7.84</b>	<b>6.17</b>
<b>EV/EBIT</b>	<b>x</b>	<b>15.2</b>	<b>24.4</b>	<b>14.7</b>	<b>10.6</b>
<b>EV/Sales</b>	<b>x</b>	<b>0.79</b>	<b>0.76</b>	<b>0.68</b>	<b>0.59</b>
EV/Invested capital	x	1.43	1.17	1.09	1.00
Market cap	€M	405	284	274	262
+ Provisions (including pensions)	€M	25.7	40.4	41.8	43.2
+ Unrecognised actuarial losses/(gains)	€M	0.00	0.00	0.00	0.00
+ Net debt at year end (ex Right-of-use from 2019)	€M	152	178	184	182
+ Right-of-use (from 2019)/Leases debt equivalent	€M	29.5	29.5	30.1	30.1
- Financial fixed assets (fair value) & Others	€M	20.7	20.7	20.7	20.7
+ Minority interests (fair value)	€M	0.00	0.00	0.00	0.00
<b>= Enterprise Value</b>	<b>€M</b>	<b>592</b>	<b>511</b>	<b>509</b>	<b>497</b>

## Per Share Data

		12/22A	12/23E	12/24E	12/25E
<b>Adjusted EPS (bfr goodwill amort. &amp; dil.)</b>	€	<b>0.92</b>	<b>0.16</b>	<b>0.60</b>	<b>0.98</b>
<i>Growth in EPS</i>	%	-29.2	-82.3	267	63.3
Reported EPS	€	0.92	0.16	0.60	1.00
<b>Net dividend per share</b>	€	<b>0.76</b>	<b>0.18</b>	<b>0.60</b>	<b>0.98</b>
Free cash flow per share	€	-0.93	-0.01	0.29	0.61
Operating cash flow per share	€	0.31	1.58	1.79	2.24
Book value per share	€	11.6	10.9	11.7	13.5
<b>Number of ordinary shares</b>	<b>Mio</b>	<b>24.9</b>	<b>25.1</b>	<b>25.2</b>	<b>25.2</b>
Number of equivalent ordinary shares (year end)	Mio	24.9	25.1	25.2	25.2
Number of shares market cap.	Mio	24.9	25.1	25.2	25.2
Treasury stock (year end)	Mio	0.90	1.04	1.04	2.04
Number of shares net of treasury stock (year end)	Mio	24.0	24.0	24.2	23.2
<b>Number of common shares (average)</b>	<b>Mio</b>	<b>24.0</b>	<b>24.0</b>	<b>24.1</b>	<b>23.7</b>
Conversion of debt instruments into equity	Mio				
Settlement of cashable stock options	Mio	0.00	0.00	0.00	0.00
Probable settlement of non mature stock options	Mio				
Other commitments to issue new shares	Mio				
Increase in shares outstanding (average)	Mio	0.00	0.00	0.00	0.00
<b>Number of diluted shares (average)</b>	<b>Mio</b>	<b>24.0</b>	<b>24.0</b>	<b>24.1</b>	<b>23.7</b>
Goodwill per share (diluted)	€	0.00	0.00	0.00	0.00
EPS after goodwill amortisation (diluted)	€	0.92	0.16	0.60	0.98
EPS before goodwill amortisation (non-diluted)	€	0.92	0.16	0.60	0.98
<b>Payout ratio</b>	<b>%</b>	<b>82.6</b>	<b>110</b>	<b>100</b>	<b>98.0</b>
<b>Capital payout ratio (div +share buy back/net income)</b>	<b>%</b>	<b>77.5</b>	<b>33.8</b>	<b>9.17</b>	

Funding - Liquidity		12/22A	12/23E	12/24E	12/25E
EBITDA	€M	67.9	47.8	64.9	80.6
Funds from operations (FFO)	€M	33.1	27.3	41.9	54.3
<b>Ordinary shareholders' equity</b>	<b>€M</b>	<b>280</b>	<b>262</b>	<b>283</b>	<b>313</b>
Gross debt	€M	312	341	341	341
o/w Less than 1 year - Gross debt	€M	68.3	37.5	37.5	37.5
o/w 1 to 5 year - Gross debt	€M	120	181	181	181
of which Y+2	€M	38.9	92.5	92.5	92.5
of which Y+3	€M	45.0	63.2	63.2	63.2
of which Y+4	€M	35.0	2.70	2.70	2.70
of which Y+5	€M	2.50	22.5	22.5	22.5
o/w Beyond 5 years - Gross debt	€M	124	122	122	122
+ Gross Cash	€M	131	133	126	127
<b>= Net debt / (cash)</b>	<b>€M</b>	<b>182</b>	<b>208</b>	<b>215</b>	<b>213</b>
Bank borrowings	€M	312	341	341	341
Financial leases liabilities	€M	0.00	0.00	0.00	0.00
Other financing	€M	0.20	0.00	0.00	0.00
Gearing (at book value)	%	53.5	74.3	74.7	68.3
Equity/Total asset (%)	%	58.9	52.6	53.7	56.2
Adj. Net debt/EBITDA(R)	x	3.11	4.97	3.77	3.02
Adjusted Gross Debt/EBITDA(R)	x	4.98	7.98	5.89	4.76
Adj. gross debt/(Adj. gross debt+Equity)	%	54.7	59.2	57.5	55.1
Ebit cover	x	2.04	1.03	2.28	3.09
FFO/Gross Debt	%	9.79	7.16	11.0	14.1
FFO/Net debt	%	18.2	13.1	19.5	25.4
FCF/Adj. gross debt (%)	%	-6.63	-0.06	1.80	3.77
(Gross cash+ "cash" FCF+undrawn)/ST debt	x	1.58	3.53	3.55	3.78
"Cash" FCF/ST debt	x	-0.27	0.00	0.21	0.41

ROE Analysis (Dupont's Breakdown)		12/22A	12/23E	12/24E	12/25E
Tax burden (Net income/pretax pre excp income)	x	1.14	-0.86	1.07	0.90
EBIT margin (EBIT/sales)	%	5.16	2.38	3.94	4.96
Assets rotation (Sales/Avg assets)	%	167	137	147	155
Financial leverage (Avg assets /Avg equity)	x	1.63	1.80	1.88	1.82
<b>ROE</b>	<b>%</b>	<b>8.08</b>	<b>1.45</b>	<b>5.30</b>	<b>7.78</b>
ROA	%	10.2	3.99	6.97	9.17

Shareholder's Equity Review (Group Share)		12/22A	12/23E	12/24E	12/25E
Y-1 shareholders' equity	€M	267	280	262	283
+ Net profit of year	€M	22.1	3.92	14.4	23.2
- Dividends (parent cy)	€M	-17.9	-13.2	-1.32	-1.32
+ Additions to equity	€M	-3.90	0.00	0.00	0.00
o/w reduction (addition) to treasury shares	€M	-3.90	0.00	0.00	0.00
- Unrecognised actuarial gains/(losses)	€M	0.00	0.00	0.00	0.00
+ Comprehensive income recognition	€M	12.0	-7.94	7.18	8.45
<b>= Year end shareholders' equity</b>	<b>€M</b>	<b>280</b>	<b>262</b>	<b>283</b>	<b>313</b>

## Staffing Analytics

		12/22A	12/23E	12/24E	12/25E
Sales per staff	€th	318	280	311	345
Staff costs per employee	€th	-56.1	-58.1	-60.5	-63.0
Change in staff costs	%	6.99	5.45	5.40	5.36
Change in unit cost of staff	%	2.39	3.54	4.23	4.19
Staff costs/(EBITDA+Staff costs)	%	66.0	74.4	69.3	65.7

Average workforce	unit	2,349	2,392	2,419	2,446
Europe	unit	1,276	1,292	1,308	1,324
North America	unit	364	368	371	375
South Americas	unit	0.00	0.00	0.00	0.00
Asia	unit	689	703	710	717
Other key countries	unit	20.0	30.0	30.0	30.0
<b>Total staff costs</b>	<b>€M</b>	<b>-132</b>	<b>-139</b>	<b>-146</b>	<b>-154</b>
Wages and salaries	€M	-132	-138	-145	-153
of which social security contributions	€M	-29.1	-29.7	-29.7	-29.7
Pension related costs	€M		-1.26	-1.26	-1.26

## Divisional Breakdown Of Revenues

		12/22A	12/23E	12/24E	12/25E
<b>Total sales</b>	<b>€M</b>	<b>746</b>	<b>669</b>	<b>753</b>	<b>843</b>
Advanced Materials (ex Protective Films)	€M	333	276	304	319
PCC Fashion Technologies	€M	220	198	210	220
Personal Care (ex Healthcare Solutions)	€M	6.40	0.00	0.00	0.00
Museum Solutions (ex Technical Substrates)	€M	87.2	120	150	200
Luxury Fibers (ex Luxury Materials)	€M	94.7	67.2	74.0	81.4
Personal Goods	€M	5.50	7.98	16.0	22.3
Other	€M	0.00	0.00	0.00	0.00

## Divisional Breakdown Of Earnings

		12/22A	12/23E	12/24E	12/25E
<b>Underlying operat. profit Analysis</b>					
Advanced Materials (ex Protective Films)	€M	22.8	8.01	18.2	22.3
PCC Fashion Technologies	€M	17.0	13.9	15.7	18.7
Personal Care (ex Healthcare Solutions)	€M	4.30	0.00	0.00	0.00
Museum Solutions (ex Technical Substrates)	€M	5.20	7.80	12.0	20.0
Luxury Fibers (ex Luxury Materials)	€M	2.00	2.29	2.74	3.09
Personal Goods	€M	0.30	0.40	0.80	1.56
Other/cancellations	€M	-6.20	-6.20	-6.20	-6.20
<b>Total</b>	<b>€M</b>	<b>45.4</b>	<b>26.2</b>	<b>43.3</b>	<b>59.5</b>
Underlying operat. profit margin	%	6.08	3.91	5.75	7.06

## Revenue Breakdown By Country

		12/22A	12/23E	12/24E	12/25E
Europe	%	43.2	43.2		
Of Which Italy	%	9.50	9.50		
Of Which Germany	%	6.40	6.40		
Of Which France	%	17.3	17.3		
Americas	%	28.6	28.6		
Of Which United States	%	19.2	19.2		
Asia	%	28.2	28.2		
Of Which China	%	9.30	9.30		
Other	%	0.00	0.00		

## ROCE

		12/22A	12/23E	12/24E	12/25E
ROCE (NOPAT+lease exp. *(1-tax))/(net) cap employed adjusted	%	7.06	3.80	5.91	7.40
CFROIC	%	-5.42	-0.05	1.48	2.93
Goodwill	€M	217	224	230	237
Accumulated goodwill amortisation	€M	0.00	0.00	0.00	0.00
All intangible assets	€M	58.8	58.8	58.8	58.8
Accumulated intangible amortisation	€M	0.00	0.00	0.00	0.00
Financial hedges (LT derivatives)	€M	0.00	0.00	0.00	0.00
Capitalised R&D	€M	0.00	0.00	0.00	0.00
Rights of use/ Capitalised leases	€M	29.5	29.5	30.1	30.1
Other fixed assets	€M	84.4	91.4	98.4	105
Accumulated depreciation	€M	0.00	0.00	0.00	0.00
WCR	€M	15.4	24.9	38.9	55.2
Other assets	€M	8.10	8.10	8.10	8.10
Unrecognised actuarial losses/(gains)	€M	0.00	0.00	0.00	0.00
<b>Capital employed after deprec. (Invested capital)</b>	<b>€M</b>	<b>413</b>	<b>436</b>	<b>465</b>	<b>495</b>
Capital employed before depreciation	€M	413	436	465	495

## Divisional Breakdown Of Capital Employed

		12/22A	12/23E	12/24E	12/25E
Advanced Materials (ex Protective Films)	€M				
PCC Fashion Technologies	€M				
Personal Care (ex Healthcare Solutions)	€M				
Museum Solutions (ex Technical Substrates)	€M				
Luxury Fibers (ex Luxury Materials)	€M				
Personal Goods	€M				
Other	€M	413	436	465	495
<b>Total capital employed</b>	<b>€M</b>	<b>413</b>	<b>436</b>	<b>465</b>	<b>495</b>

## Pension Risks

### Summary Of Pension Risks

		12/22A	12/23E	12/24E	12/25E
<b>Pension ratio</b>	%	<b>4.02</b>	<b>9.41</b>	<b>9.21</b>	<b>8.78</b>
Ordinary shareholders' equity	€M	280	262	283	313
<b>Total benefits provisions</b>	<b>€M</b>	<b>11.7</b>	<b>27.3</b>	<b>28.7</b>	<b>30.1</b>
<i>of which funded pensions</i>	€M	-1.60	8.88	9.45	10.0
<i>of which unfunded pensions</i>	€M	12.9	18.0	18.8	19.7
<i>of which benefits / health care</i>	€M	0.40	0.42	0.43	0.45
Unrecognised actuarial (gains)/losses	€M	0.00	0.00	0.00	0.00
<i>Company discount rate</i>	%	4.21	4.21	4.21	4.21
Normalised recomputed discount rate	%		3.00		
<i>Company future salary increase</i>	%	2.00	2.00	2.00	2.00
Normalised recomputed future salary increase	%		4.33		
<i>Company expected rate of return on plan assets</i>	%	3.50	3.50	3.50	3.50
Normalised recomputed expd rate of return on plan assets	%		2.49		
<b>Funded : Impact of actuarial assumptions</b>	<b>€M</b>		<b>12.3</b>		
<b>Unfunded : Impact of actuarial assumptions</b>	<b>€M</b>		<b>9.88</b>		

### Geographic Breakdown Of Pension Liabilities

		12/22A	12/23E	12/24E	12/25E
US exposure	%	33.0	33.0	33.0	33.0
UK exposure	%				
Euro exposure	%	67.0	67.0	67.0	67.0
Nordic countries	%				
Switzerland	%				
Other	%				
Total	%	100	100	100	100

### Balance Sheet Implications

		12/22A	12/23E	12/24E	12/25E
Funded status surplus / (deficit)	€M	1.60	-11.8	-12.6	-13.3
Unfunded status surplus / (deficit)	€M	-11.8	-22.5	-23.6	-24.8
Total surplus / (deficit)	€M	-10.2	-34.3	-36.2	-38.1
<b>Total unrecognised actuarial (gains)/losses</b>	<b>€M</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
Provision (B/S) on funded pension	€M	-1.60	8.88	9.45	10.0
Provision (B/S) on unfunded pension	€M	12.9	18.0	18.8	19.7
Other benefits (health care) provision	€M	0.40	0.42	0.43	0.45
<b>Total benefit provisions</b>	<b>€M</b>	<b>11.7</b>	<b>27.3</b>	<b>28.7</b>	<b>30.1</b>

### P&L Implications

		12/22A	12/23E	12/24E	12/25E
Funded obligations periodic costs	€M	-0.50	0.00	-0.41	-0.43
Unfunded obligations periodic costs	€M	-0.70	-1.49	-1.81	-1.85
<b>Total periodic costs</b>	<b>€M</b>	<b>-1.20</b>	<b>-1.49</b>	<b>-2.22</b>	<b>-2.28</b>
<i>of which incl. in labour costs</i>	€M	-1.00	-1.26	-1.26	-1.26
<i>of which incl. in interest expenses</i>	€M	-0.20	-0.23	-0.96	-1.01

<b>Funded Obligations</b>		<b>12/22A</b>	<b>12/23E</b>	<b>12/24E</b>	<b>12/25E</b>
<b>Balance beginning of period</b>	<b>€M</b>	<b>16.8</b>	<b>13.7</b>	<b>26.0</b>	<b>26.4</b>
Current service cost	€M	0.10	0.13	0.13	0.13
Interest expense	€M	0.50	0.41	0.78	0.79
Employees' contributions	€M				
Impact of change in actuarial assumptions	€M	-3.20	12.3	0.00	0.00
<i>of which impact of change in discount rate</i>	€M		3.89		
<i>of which impact of change in salary increase</i>	€M		8.39		
<b>Changes to scope of consolidation</b>	<b>€M</b>				
Currency translation effects	€M	1.00	1.00	1.00	1.00
Pension payments	€M	-1.50	-1.50	-1.50	-1.50
Other	€M	0.00	0.00	0.00	0.00
<b>Year end obligation</b>	<b>€M</b>	<b>13.7</b>	<b>26.0</b>	<b>26.4</b>	<b>26.8</b>

<b>Plan Assets</b>		<b>12/22A</b>	<b>12/23E</b>	<b>12/24E</b>	<b>12/25E</b>
<b>Value at beginning</b>	<b>€M</b>	<b>15.6</b>	<b>15.3</b>	<b>14.2</b>	<b>13.8</b>
Company expected return on plan assets	€M	0.10	0.54	0.50	0.48
Actuarial gain /(loss)	€M	0.00	-0.16	-0.14	-0.14
Employer's contribution	€M	0.00	0.00	0.79	0.84
Employees' contributions	€M	0.00	0.00	0.00	0.00
Changes to scope of consolidation	€M				
Currency translation effects	€M	1.10	0.00	0.00	0.00
Pension payments	€M	-1.50	-1.50	-1.50	-1.50
Other	€M				
<b>Value end of period</b>	<b>€M</b>	<b>15.3</b>	<b>14.2</b>	<b>13.8</b>	<b>13.5</b>
Actual and normalised future return on plan assets	€M	0.10	0.38	0.35	0.34

<b>Unfunded Obligations</b>		<b>12/22A</b>	<b>12/23E</b>	<b>12/24E</b>	<b>12/25E</b>
<b>Balance beginning of period</b>	<b>€M</b>	<b>13.4</b>	<b>11.8</b>	<b>22.5</b>	<b>23.6</b>
Current service cost	€M	0.90	1.14	1.14	1.14
Interest expense	€M	-0.20	0.35	0.67	0.71
Employees' contributions	€M				
Impact of change in actuarial assumptions	€M	-1.80	9.88	0.00	0.00
<i>of which Impact of change in discount rate</i>	€M		3.13		
<i>of which Impact of change in salary increase</i>	€M		6.76		
Changes to scope of consolidation	€M	0.60	0.00	0.00	0.00
Currency translation effects	€M	-0.10	0.00	0.00	0.00
Pension payments	€M	-1.00	-0.70	-0.70	-0.70
Other	€M	0.00	0.00	0.00	0.00
<b>Year end obligation</b>	<b>€M</b>	<b>11.8</b>	<b>22.5</b>	<b>23.6</b>	<b>24.8</b>



## Fundamental Opinion

It is implicit that recommendations are made in good faith but should not be regarded as the sole source of advice.

Recommendations are geared to a “value” approach.

Valuations are computed from the point of view of a **secondary market minority holder** looking at a medium term (say 6 months) performance.

Valuation tools are built around the concepts of **transparency**, all underlying figures are accessible, and **consistency**, same methodology whichever the stock, allowing for differences in nature between financial and non financial stocks. A stock with a target price below its current price should not and will not be regarded as an Add or a Buy.

Recommendations are based on target prices with no allowance for dividend returns. The thresholds for the four recommendation levels may change from time to time depending on market conditions. Thresholds are defined as follows, ASSUMING long risk free rates remain in the 2-5% region.

Recommendation	Low Volatility 10 < VIX index < 30	Normal Volatility 15 < VIX index < 35	High Volatility 35 < VIX index
Buy ●	More than 15% upside	More than 20% upside	More than 30% upside
Add ●	From 5% to 15%	From 5% to 20%	From 10% to 30%
Reduce ●	From -10% to 5%	From -10% to 5%	From -10% to 10%
Sell ●	Below -10%	Below -10%	Below -10%

There is deliberately no “neutral” recommendation. The principle is that there is no point investing in equities if the return is not at least the risk free rate (and the dividend yield which again is not allowed for).

Although recommendations are automated (a function of the target price whenever a new equity research report is released), the management of AlphaValue intends to maintain global consistency within its universe coverage and may, from time to time, decide to change global parameters which may affect the level of recommendation definitions and /or the distribution of recommendations within the four levels above. For instance, lowering the risk premium in a gloomy context may increase the proportion of positive recommendations.

## Valuation

Valuation processes have been organized around transparency and consistency as primary objectives.

Stocks belong to different categories that recognise their main operating features : Banks, Insurers and Non Financials.

Within those three universes, the valuation techniques are the same and in relation to the financial data available.

The weighting given to individual valuation techniques is managed centrally and may be changed from time to time. As a rule, all stocks of a similar profile are valued using equivalent weighting of the various valuation techniques. This is for obvious consistency reasons.

Within the very large universe of Non Financials, there are in effect 4 sub-categories of weightings to cater for subsets: 1) 'Mainstream' stocks; 2) 'Holding companies' where the stress is on NAV measures; 3) 'Growth' companies where the stress is on peer based valuations; 4) 'Loss making sectors' where peers review is essentially pointing nowhere (ex: Bio techs). The bulk of the valuation is then built on DCF and NAV, in effect pushing back the time horizon.

Valuation Issue	Normal industrials	Growth industrials	Holding company	Loss runners	Bank	Insurers
DCF	35%	35%	10%	40%	0%	0%
NAV	20%	20%	55%	40%	50%	15%
PE	10%	10%	10%	5%	10%	20%
EV/EBITDA	20%	20%	0%	5%	0%	0%
Yield	10%	10%	20%	5%	10%	15%
Book	5%	5%	5%	5%	10%	10%
Banks' intrinsic method	0%	0%	0%	0%	10%	0%
Embedded Value	0%	0%	0%	0%	0%	40%
Mkt Cap/Gross Operating Profit	0%	0%	0%	0%	10%	0%