

# Solid World GROUP

H1 2023
Financials Results

# **Agenda**

- 1 · Company at a glance
- 2 H1 2023 Financial Highlights
- 3 Strategic drivers and achievements
- 4 · Annex



# **Today's Speakers**



Roberto Rizzo
Founder and CEO

- Founder and Chairman of Solid World S.r.l. (Treviso) from 2003
- Founder of Cad-Cam Studio (Treviso), 1986 – 2003
- Between 1984 and 1985 he developed a CAD software for the European Space Agency (ESA) at the Italspazio Consortium



Elisabetta Cammarata
CFO and IR Manager

- CFO of SolidWorld Spa (Bentivoglio) from 2008
- From 1997 to 2007 Administrative Officer of Microsystem S.r.l.
- Back- office employee at Microsystem S.r.l., 1994 – 1997

1 • Company at a glance

SoldWorld Group is the leading Italian 3D digital system integrator for manufacturing companies, supporting and accelerating their journey to Industry 5.0.





# SolidWorld Group's 3 Pillars

# **CAD-CAM & ADDITIVE MANUFACTURING VAR**





### **PROPRIETARY IP**

### **Software**

Connecting CAD-CAM with enterprise and manufacturing systems Integro

### **Turnkey Platform**

Our own platform for delivering turnkey manufacturing projects

**Solid** Factory

**Industry 4.0/5.0** 

### **MEDICAL APPLICATIONS**

Additive medical models



**3-D Bioprinting** 



**Biomedical** 

### **SOLAR PANEL**

Photovoltaic panel construction systems



Solar

# 20 years of value creation through bolt-on acquisition and synergies

### 2006

Partnership with Ready Solutions; opening of headquarters in the province of Florence, offices in Verona and Trento.

### 2012

Acquisition of a majority stake in Design Systems S.r.l., and Platinum Partner of Dassault Systèmes.

### 2015

Acquisition of 60% of SolidCAM, in order to strengthen the "Software" Chain and the majority of Tecnologia & Design, an additive manufacturing services company

### 2017

Acquisition of the majority of CAD Managers through the subsidiary Energy Group.

### 2020

During the Covid-19 pandemic, a strong contribution to the creation of intensive care masks and devices equipped with a filter for doctors, produced in the Bentivoglio and Ponzano plants.

### 2022

Listing on Euronext Growth Milan Launch of software platform Solidfactory Acquisition of the patent

for «Electrospider» Simplification of the **Group Structure** 

# 2023

### **January**

- Open an office in **Dubai** 

### **February**

- Started the production of «Electrospider»

### July

- Acquisition of a business unit from the company Formula F to enter the global solar market

### **August**

- Acquisition of Valore BF 3D to **strengthen** the position in the Italian 3D design and software segment.

### 2016 2021 2003 2008 2014 2018

Foundation of Solid World

Merger with the Adage Solid Solutions of which Marco Calini was a member

Acquisition of 60% of Energy Group, which in turn owns 30% of Solid Energy S.r.l. and 50% of Solid **Energy Real** Estate S.r.l. (real estate company).

Entry into the capital of Solid Engineering, competitor of Solid World Srl in Southern Italy.

Acquisition of 100% of Technimold by the Stratasys Group, through the subsidiary Energy Group. Opening new sites in Benevento and Turin and in the provinces of Latina and Modena

Creation of SolidInnovation, SolidFactory and BIO3DMODEL (3D printing solutions in the medical field) are established. Entry of the Red Fish Kapital Fund.



# **Distinctive competitive factors**



### **Technological** Leadership

Leading developer and integrator of 3D software and hardware. Proprietary software Integr@



### Consolidated and valuable Strong Customer Base partnerships

Authorized reseller of Dassault Systèmes's 3D CAM solutions and training centre authorized by **Stratasys** 



Leading players and well- established brands in different sectors (aerospace, automotive, home design, fashion)



### **Unique 3D Offer**

**Customer support** through both the best digital technologies and 3D printing solutions



### **Experienced** Management

Highly qualified management team with strong experience in the sector involved in the shareholders' base



### **Innovation**

Developer of innovative materials and quick solutions for the industrial and biomedical sector ensuring processes' efficiencies



**Developing of** innovative materials

> International presence



# Industry 4.0/5.0 - CADCAM & Additive VAR

SolidWorld Group is the leading Italian 3D digital system integrator for manufacturers, supporting and accelerating their journey to Industry 5.0.





3D Advanced
Design System



3D Printing



**3D Manufacturing** 



3D Printing
Services



**3D Academy** 

> 20

Years of Experiences in 3D Digital World

14

Locations throughout Italy



**172** 

Group's Employees as 30 June 2023

10,000 Clients





# Biomedical - Major 3D Bioprinting Innovation

Tissues printed by current 3D bioprinting offerings are limited in their applications by lack of structure

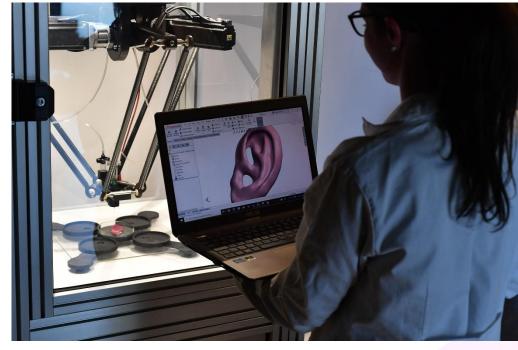
SolidWorld's highly innovative Electrospider machine solves that problem



# **Electrospider**

- Combines electrospinning and extrusion techniques to deliver superior organoids and tissue samples
- Collaboration with Pisa University, leading Italian science athenaeum
- Worldwide patents secured in 2022
- Already in production at Barberino plant

Multiple indications of interest from hospitals and medical research institutions. One €650,000 order already secured for September delivery.



# **Biomedical – 3D Bioprinting Market Sizing**

Market researchers forecast growth to \$ 5.8bn By 2030(\*Average of 7 market reports)

The size and scope of the markets where 3D Bioprinting likely to take share or play an active part lends credence to forecasts

\$1.8 bn\* 2022 \$5.8bn\* 2030

**Clinical Trials** 

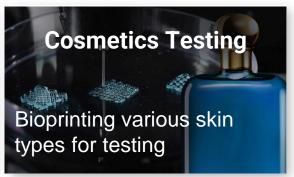
~\$50bn\*

Electrospider delivers a significant improvement in the quality of organoids for drug testing - likely to drive adoption in this vast market

\*Average of 7 mkt research firms













THE FUTURE – Our unique technology represents a major step toward the production of viable human organs for transplants

# Industry 4.0/5.0 - SolidWorld Proprietary IP

# Integr@

# **Solid** Factory

Your passport to operational excellence

### **Integra Suite**

Developed entirely by SolidWorld Group

Enables seamless integration of:

- CAD (design software)
- PDM (product data mgmt)
- ERP (enterprise system)

By optimizing project data handling, Integr@ reduces time wasting and improves outcomes

### **SolidFactory Platform**

Launched in 2022

Leveraging group capabilities and offerings to deliver turnkey projects

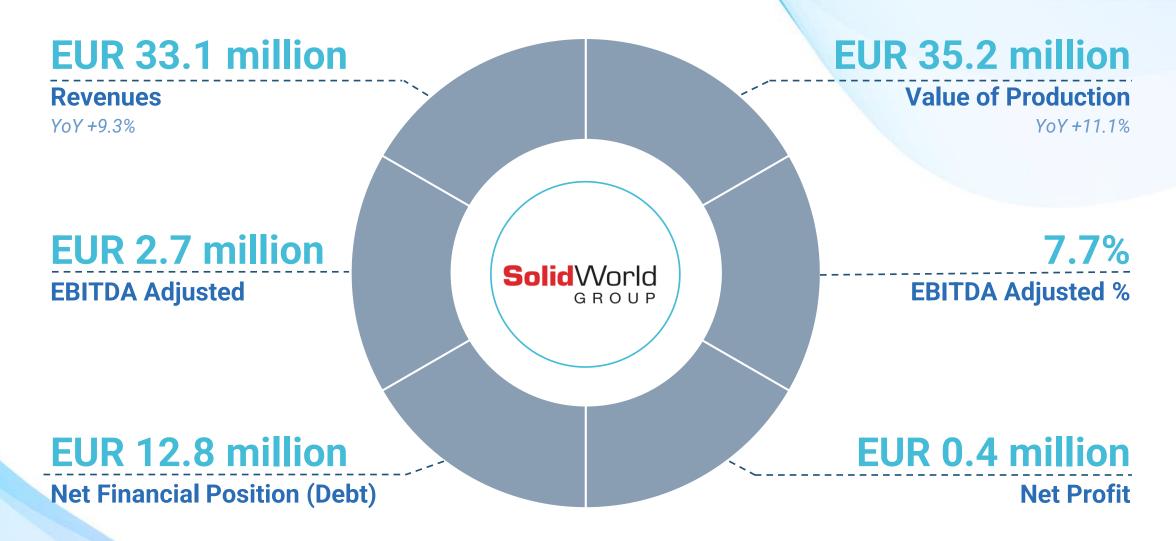
3 broad service groupings:

- Mechanical
- Automation
- Digital



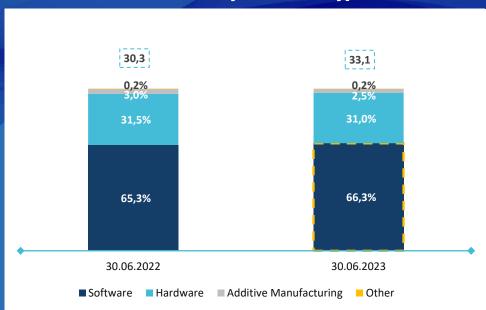
# 2. H1 2023 Financial Highlights

# **Consolidated Financial Highlights H1 2023**



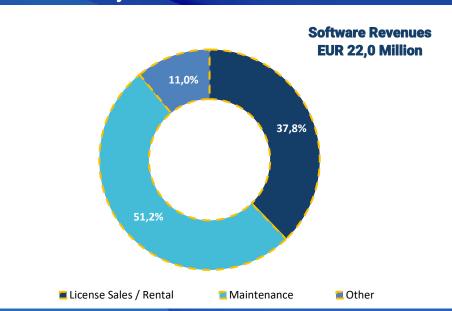
# H1 2023 Revenue Breakdown

### **Breakdown by Revenues Type**



- As of 30 June 2023, the Group reported consolidate sales revenue of EUR 33.1 million, of which approximately 66,3% was attributable to the Software Sales business line, an activity pursued by the companies SolidWorld Group, Solidcam, SolidEngineering, Design System, Solid Innovation, Solid Factory and Solid World Middle East. This figure increased slightly compared to 30 June 2022, in which the Software Sales business line accounted for approximately 65,3%.
- The Hardware Business Line, which includes Energy Group which the companies Cad Manager and Technimold were merged into and BIO3DMODEL, accounted for approx. 31% as at 30.06.2023.
- During the period under consideration, the Additive Manufacturing Services Business Line, represented by the company Tecnologia & Design, accounted for approx. 2,5%.
- The "Other" Business Line includes the companies Solid Energy Real Estate and Costa Alta, which are mainly related to the Group's real estate business and are represented entirely by intercompany revenues.

### **Breakdown by Revenues of Business Software Line**



- As at 30.06.2023, the Group recorded revenue from the Software business line of approx.
   EUR 22.5 million.
- Revenues from Software Sales can be broken down as follows
  - I. Sales/rental of software licences, amounting to approx. EUR 8,5 million at 30.06.2023 (37,8% of revenues from the Software Business Line)
  - II. Revenues from Maintenance, including Initial Subscription and Renewal Subscription, amounting to approx. EUR 11,5 million in at 30.06.2023 (approx. 51,2% of Revenues from Software Business Line)
  - III. Other Revenues, including revenues from workstations, training and other services, amounting to approx. EUR 2,5 million at 30.06.2023 (approx. 11% of Revenues from Software Line of Business)



# **Consolidated Profit and Loss**

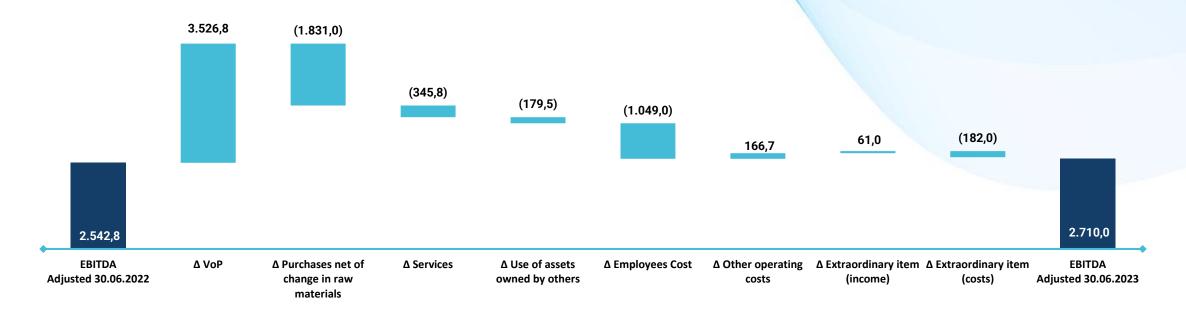
Conto Economico	30.06.2023	30.06.2022
(Dati in unità di Euro)	Actual	Actual
Net Revenues	33.135.248	30.310.371
SF and F products inventories	22.566	33.233
2) Increase in assets	1.374.477	871.443
Other revenues	705.241	495.733
Value of Production	35.237.531	31.710.780
$\Delta$ Purchases net of change in raw materials	-20.547.662	-18.716.670
Services	-4.409.059	-4.063.257
Use of assets owned by others	-902.852	-723.387
Employees Cost	-6.183.855	-5.134.845
Other operating costs	-431.401	-598.056
3) EBITDA	2.762.703	2.474.565
Extraordinary item (income)	-103.903	-164.914
Extraordinary item (costs)	51.203	233.169
4) EBITDA Adjusted	2.710.003	2.542.821
D&A	-1.304.231	-865.003
Provisions	-270.749 -429.869	
EBIT	1.187.722	1.179.693
Financial results	-309.483	-267.520
ЕВТ	878.239	912.173
Income Taxes	-449.996	-596.214
Profit (Loss) for the fiscal year	428.243	315.959
Group's Profit (Loss) for the fiscal year	640.503	387.155
Third Parties' Profit (Loss) for the fiscal year	-212.260	-71.196

30.06.2023	30.06.2022		
% on VdP	% on VdP		
94,03%	95,58%		
0,06%	0,10%		
3,90%	2,75%		
2,00%	1,56%		
100,00%	100,00%		
-58,31%	-59,02%		
-12,51%	-12,81%		
-2,56%	-2,28%		
-17,55%	-16,19%		
-1,22%	-1,89%		
7,84%	7,80%		
-0,29%	-0,52%		
0,15%	0,74%		
7,69%	8,02%		
-3,70%	-2,73%		
-0,77%	-1,36%		
3,37%	3,72%		
-0,88%	-0,84%		
2,49%	2,88%		
-1,28%	-1,88%		
1,22%	1,00%		
1,82%	1,22%		
-0,60%	-0,22%		

### Comments

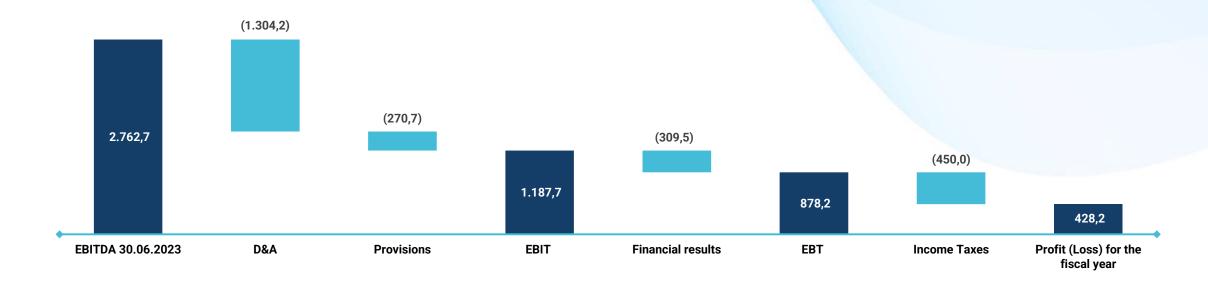
- 1 Net Revenues increased at 30.06.2023 (YoY +9.3%) to EUR 33.1 million. This growth is mainly attributable to Solid World and Energy Group, which recorded YoY revenue increases of approx. EUR 2.6 million and EUR 3.6 million, respectively. Revenue's increase is only partially influenced by merger operations.
- Increase in assets equal to approx. EUR 1.4 million and mainly referable to the capitalization of personnel costs (90% of total amount). This item is mainly associated with Solid World, Bio3DModel, T&D and Solid Factory, whose business model require substantial investments in R&D.
- (3) EBITDA is growing compared to the previous period, both in terms of absolute value and percentage. The % growth is only minimally impacted by the expected benefits resulting from the integration process carried out by the Group as a result of the recent merger operations, which are currently in the development phase.
- 4 **EBITDA Adjusted** amounts to EUR 2.7 million, showing an increase compared to the previous period as a direct consequence of EBITDA growth. The slight percentage decrease is mainly attributable to the lower extraordinary costs incurred by the Group during the current semester.
- 5 **Profit for the fiscal year** increased compared to the previous fiscal year (YoY +35.5%) and amounts to approx. EUR 0.4 million.

# **EBITDA Adjusted Bridge**



- 1 Adjusted EBITDA 30.06.2023 grew in the period and amounted to EUR 2.7m, despite showing only minimal effects stemming from the integration process carried out by the Group.
- Δ Value of Production of approx. EUR 3.5 million, driven by the increase in revenues mainly attributable to the Software business line, amounting to approx. EUR 22,5 million compared to approx. EUR 20,4 million at 30.06.2022.
- 3 Δ Purchases net of change in raw materials: These item mainly include purchase costs related to Software, Hardware and Consumables as a direct consequence of the increase in sales revenues considering the core business of the Group.
- 4 Δ Service Costs: Equal to approx. EUR 0.3 million and mainly driven by partial set up of the cost structure related to Solid Factory and Middle East.
- 5 Δ Personnel: Equal to EUR 1.0 million due to i) the hiring of 24 new resources during the year, totalling 194 compared to 170 in the previous year and ii) the increase in R&D costs incurred.

# **Net Profit Bridge**



- 1 Depreciation, Amortisation and Write-downs amounting to EUR 1.3 million at 30.06.2023, of which approx. EUR 1.0 million relating to Intangible Assets and approx. EUR 0.2 million relating to Tangible Assets.
- 2 Provisions of approx. EUR 0.3 million, mainly due to provisions for Help Desk service charges.
- Financial Result amounting to ca. EUR 0.3 million and mainly driven by interest under the Amortisation Plans previously stipulated by the Group and the transaction with Riello Investimenti Partners SGR.
- 4 Income Taxes down in percentage terms from the previous year due to the benefits produced by the application of the 110% super deduction regulations (the so-called new 'Patent box').

# **Consolidated Balance Sheet**

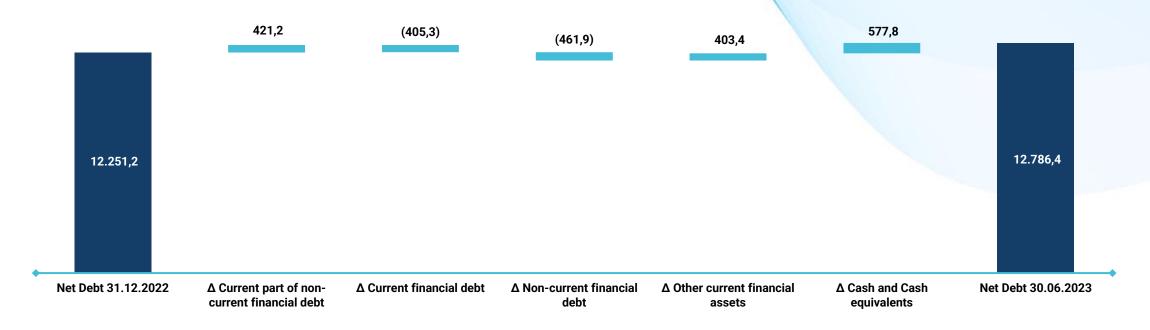
Balance Sheet	30.06.2023	31.12.2022	
Data in Euro	Actual	Actual	
1 Intangible Fixed Assets	12.851.475	11.414.086	
Tangible Fixed Assets	9.538.472	9.352.531	
2 Financial Fixed Assets	788.525	1.175.076	
Total Fixed Assets	23.178.471	21.941.694	
Inventories	3.383.277	2.619.249	
Account receivables	16.209.178	18.718.061	
(Payables to suppliers)	-11.360.515	-12.519.021	
Commercial Working Capital (CWC)	8.231.940	8.818.289	
③ Other current assets	1.215.852	3.526.083	
4) Other current liabilities	-4.779.484	-8.133.889	
Tax Receivables and Payables	-1.014.693	-1.114.562	
Accruals and Prepayments	-748.280	-161.298	
Net Working Capital	2.905.335	2.934.623	
Severance indemnities (TFR) fund	-1.399.413	-1.354.449	
Other funds	-2.695.623	-2.620.936	
Net Invested Capital (NIC)	21.988.770	20.900.932	
Current part of non-current financial debt	3.180.285	2.759.079	
Current financial debt	5.055.856	5.461.163	
Non-current financial debt	7.448.561	7.910.503	
Total bank and financial debt	15.684.703	16.130.745	
Other current financial assets	-186.072	-589.504	
Cash and Cash equivalents	-2.712.239	-3.290.041	
5 Net Debt	12.786.391	12.251.201	
Capital	1.165.700	1.165.700	
Reserves	7.104.548	7.174.795	
Profit (Loss) for the fiscal year	640.503	104.396	
Shareholders' Equity	8.910.751	8.444.891	
Third Parties Shareholders' Equity	503.887	194.622	
Third Parties' Profit (Loss) for the fiscal year	-212.260	10.218	
NFP and Shareholders' Equity	21.988.770	20.900.932	

### Comments

- Intangible fixed assets, amounting to EUR 12.8 million at 30.06.2023, increased compared to 2022, mainly due to i) the capitalisation of personnel costs and ii) the goodwill generated by the corporate restructuring in SolidFactory.
- 2 Financial Fixed Assets, equal to EUR 0.8 million at 30.06.2023. The decline is mainly attributable to the stake previously held by Solid World in ABM Works, which is no longer present due to the corporate restructuring curried out in Solid Factory, resulting in the recognition of the corresponding goodwill among Intangible Fixed Asset.
- Other Current Assets amounting to EUR 1.2 million at 30.06.2023, decreasing compared to 2022 due to the reduction of anticipated costs for Software Support Contracts.
- Other Current Liabilities amounting to EUR 4.8 million at 30.06.2023, decreasing compared to 2022 due to the reduction of prepaid revenues for Software Support Contracts.
- Net Debt of ca. EUR 12.8 million at 30.06.2023, Slightly increased compared to the previous fiscal year, primarily due to the reduction of other current financial assets.



# **Net Debt Analysis**



- ① Δ Current part of non-current financial debt increasing compared to 2022 due to new debt generated by the corporate restructuring in SolidFactory.
- ② Δ Current financial debt equal to approx. EUR -0,4 million and mainly composed by current bank debts.
- 3 Δ Non-Current financial debt equal to approx. EUR -0,5 million and mainly attributable to the new financing previously mentioned.
- 4 Δ Other current financial assets equal to EUR 0,4 million and mainly attributable to the reduction of other current financial assets.

# **Consolidated Cash Flow**

Cash Flow	30.06.2023	30.06.2022
(Dati in unità di Euro)		
EBITDA	2.710.003	2.542.821
Δ Inventories	-764.027	-465.314
Δ Account receivables	2.508.883	4.616.467
$\Delta$ (Payables to suppliers)	-1.158.507	-2.875.623
Δ Commercial Working Capital	586.349	1.275.530
$\Delta$ Other current assets	2.310.232	1.570.078
Δ Other current liabilities	-3.354.404	-2.549.605
Δ Tax Receivables and Payables	-99.869	-144.990
Δ Accruals and Prepayments	586.981	180.089
Δ Net Working Capital	29.289	331.102
$\Delta$ Several Funds	315.714	-226.756
$\Delta$ TFR Fund	74.687	-117.010
Operating Cash Flow	3.129.692	2.530.157
Capex	-2.927.561	-9.727.869
$\Delta$ Financial Fixed Assets	386.551	7.335.047
Income Taxes	-449.996	-596.214
Free Cash Flow	138.686	-458.879
Financial results	-309.483	-267.520
$\Delta$ Current part of non-current financial debt	421.206	129.290
$\Delta$ Current financial debt	-405.307	-5.002.595
$\Delta$ Non-current financial debt	-461.942	3.906.081
Δ Equity	39.037	1.934.341
Net Cash Flow	-577.802	240.718
Net Cash	2.712.239	3.229.343



# Outlook

All the sectors covered by the group show high growth potential and excellent profitability as well as the possibility of expansion into foreign markets.

The integration process between the group companies, aimed at streamlining processes and simplifying the organization, is currently being implemented and involves both the parent company and its subsidiaries.

In view of the above, the company will continue to invest in order to be a point of reference in the development of software, hardware and support and training services in the sectors in which it operates.



# 3. Strategic drivers and achievements

# Strategic drivers in Industry 4.0/5.0



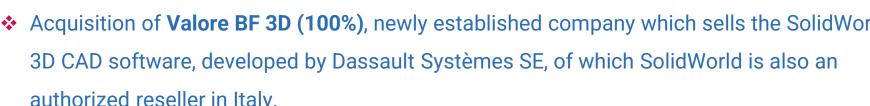
### **CONSOLIDATION OF THE COMPETITIVE POSITION**

- Technological transition from **On Premise to In Cloud** •
- Enhancement of sales of own products Integr@ Software •
- Started collaborations in the **aerospace industry**
- Launch the distribution of 3D printers for decorations on fabrics and textiles



### STREGHTENING OF THE POSITION IN 3D DESIGN AND SOFTWARE MARKET

- Launch of SolidFactory Platform providing tailor-made consulting to support companies in defining and rolling out strategies to automate production processes
- Acquisition of Valore BF 3D (100%), newly established company which sells the SolidWorks 3D CAD software, developed by Dassault Systèmes SE, of which SolidWorld is also an authorized reseller in Italy.





SolidWorld > UaloreB

# Strategic achievements in the Biomedical Sector



# INCREASE THE GROUP'S PRESENCE IN THE BIOMEDICAL SECTOR

- Acquisition of the international patent for Electrospider
- Started production of Electrospiders at Barberino plant, with an initial capacity
   of 12 printers worth €500,000 each
- Secured first firm order from a major research institution, worth >€600k



Bioprinter market expected to grow at CAGR of 12.5%\* from 2023 to 2030.

# Rationalization of the Group to exploit synergies



# PROCESS OF SIMPLIFICATION OF THE GROUP STRUCTURE

- Leverage operating, commercial, administrative and corporate synergies by restructuring and optimising the decisionmaking levels and personnel and overhead cost management
- Incorporation of the subsidiarySolidEngineering
- Incorporation of Technimold and Cad
   Manager Into Energy Group



# Increase international presence of the businesses



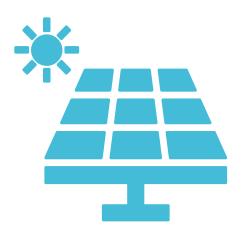
# OPENING OF SOLIDWORLD MIDDLE EAST IN DUBAI

Targets the Middle East market to support local businesses in the technological process of product development offering integrated solutions especially in the biomedical sector.





# Additional strategic pillar of development





### ENTER IN THE RENEWABLE ENERGY SECTOR

- Completion, through the subsidiary SolidFactory of the acquisition of a technology business unit from Formula E S.r.I (100%), active in automation for equipment dedicated to the renewable energy sector
- The Group will now be able to supply its customers with industrial machines for the **construction of photovoltaic panels**
- The goal of the transaction is **to establish a single competitive entity in the global solar market,** which is expected to register CAGR of 15.7% from 2022
  to 2030\*.

# 4. Annex

# **SolidWorld Group Shareholding**

S3D EURONEXT GROWTH

**14,036,371**Shares outstanding

7,049,918 Warrants outstanding

**17,561,330** Fully diluted shares

Shareholder	No.of ordinary shares	N.of shares	% on Share Capital	% on listed shares
Roberto Rizzo	2,077,670	4,282,840	30.51%	19.57%
through PRIME S.r.I*	2,043,920	4,249,090	30.27%	19.25%
as natural person***	33,750	33,750	0.24%	0.32%
Marco Calini	1,128,420	2,343,090	16.69%	10.63%
through AL. CA S.r. J**	972,750	2,022,750	14.41%	9.16%
as natural person***	155,670	320,340	2.28%	1.47%
Lucio Ferranti ***	417,500	417,500	2.97%	3.93%
Other Shareholders subject to Lock-Up***	1,078,820	1,078,820	7.69%	10.16%
RedFish LongTerm Capital S.p.A.	1,236,348	1,236,348	8.81%	11.65%
RedFish Listing Partners Spa (già RedFish 4 Listing S.r.l.)	385,875	385,875	2.75%	3.63%
Market	4,291,898	4,291,898	30.58%	40.43%
TOTAL	10,616,531	14,036,371	100.00%	100.00%

2 warrants = 1 share

Period of Exercise: July 2023 @ €2.20 ps (4,218,934 warrants converted)

September 2023 @ 2.42 ps (539,808 warrants converted)

July 2024 @ €2.42 ps

July 2025 @ €2.662 ps

From October 2023
Allocation of free shares to all shareholders



<sup>\*</sup>Company attributable to Roberto Rizzo, Chairman of the Board of Directors

<sup>\*\*</sup>Company attributable to Marco Calini, Deputy Chairman of the Board of Directors

<sup>\*\*\*</sup>Until 06 July 2024

# Industry 4.0/5.0 - Clients and collaborations

Extensive customer base with more than 8.000 clients and consolidated relationships with the top Italian Universities.

Client diversification is extremely high (low concentration with top 10 clients reaching less than 10% of revenues).

### Client



























Safilo















BVLGARI

### **Collaboration with Top Universities**



























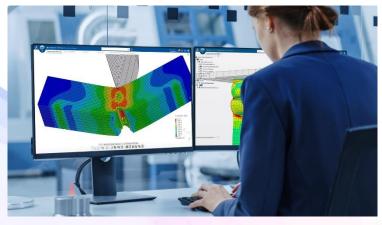


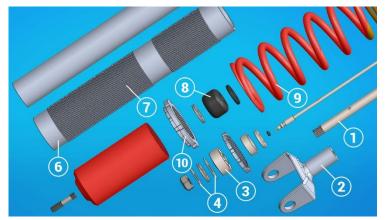
# **3D Design**

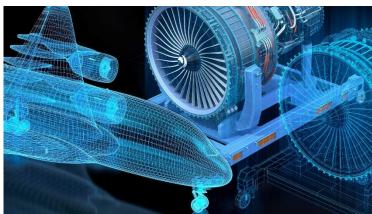












# **3D Scanner**







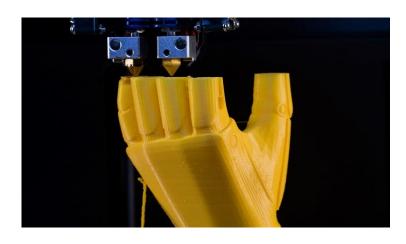


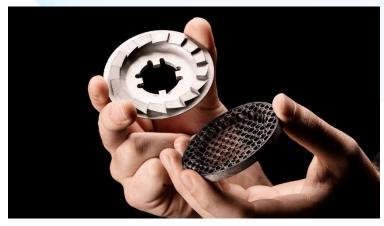




# **3D Printing**







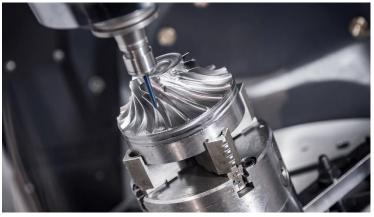


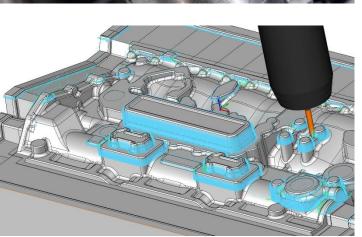


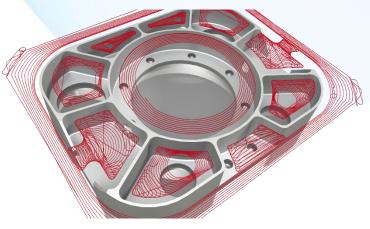


# **3D Manufacturing**







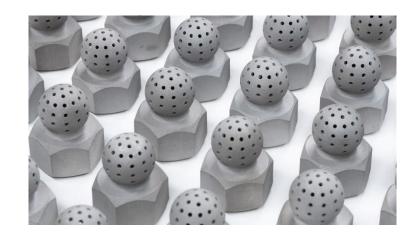






# **Digital Factory**





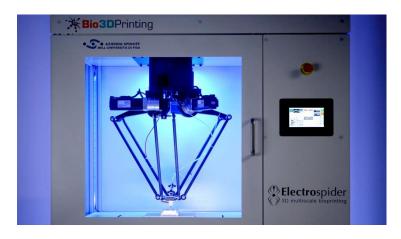




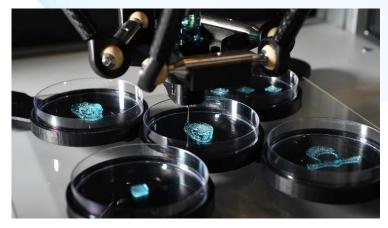


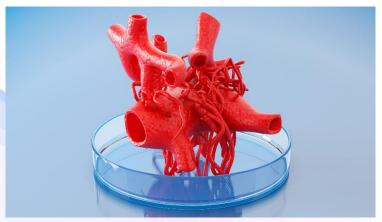


# **Biomedical Applications**













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