

voltalia

**Kepler**

*Autumn conference*

SEPTEMBER 11<sup>TH</sup>, 2024





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# TODAY'S SPEAKERS



**Sébastien CLERC**  
*Chief Executive  
Officer*

JOINED VOLTALIA IN 2011

**30 years** of experience in the infrastructures and renewable sector. Co-founder and former head of *Natixis Environment & Infrastructures* (renamed *Mirova*)



**Loan DUONG**  
*Head of Communication  
& Marketing (including IR)*

JOINED VOLTALIA IN 2019

**17 years** of experience including 9 years in the energy sector in Business Development, Investor Relations and Communication managing positions





São Miguel do Gostoso, 108 MW

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# AGENDA



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## KEY MESSAGES



# H1 2024 PERFORMANCE

Var %

Production

In GWh

H1 2023	H1 2024
1,842	2,084

+13%

Turnover

In €m

H1 2023	H1 2024
195	249

+28%

EBITDA

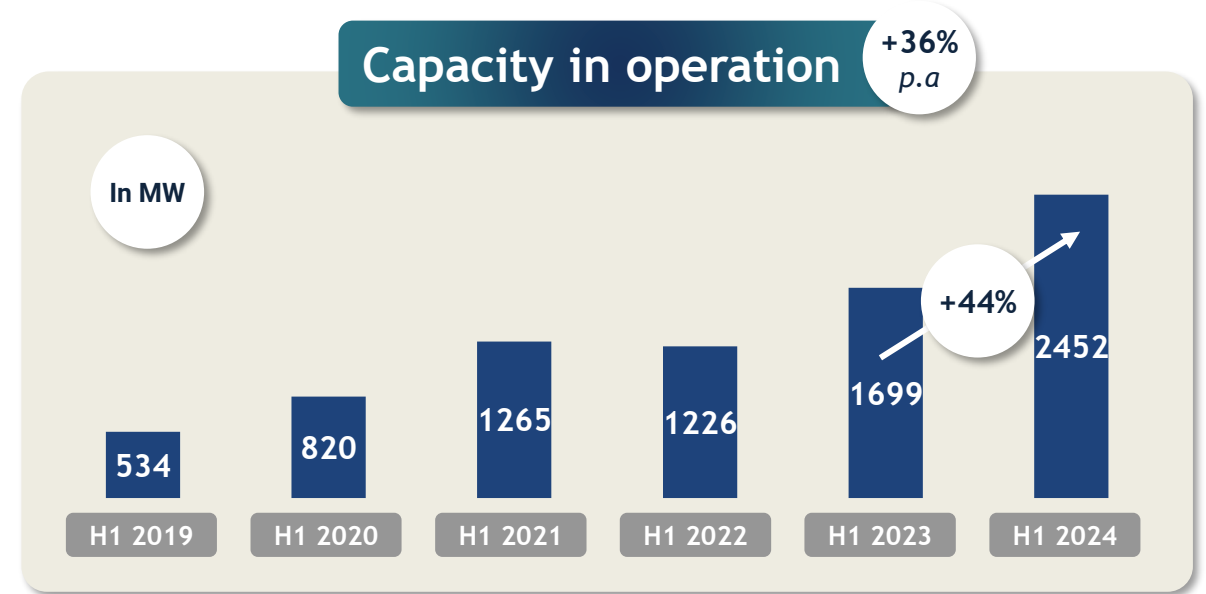
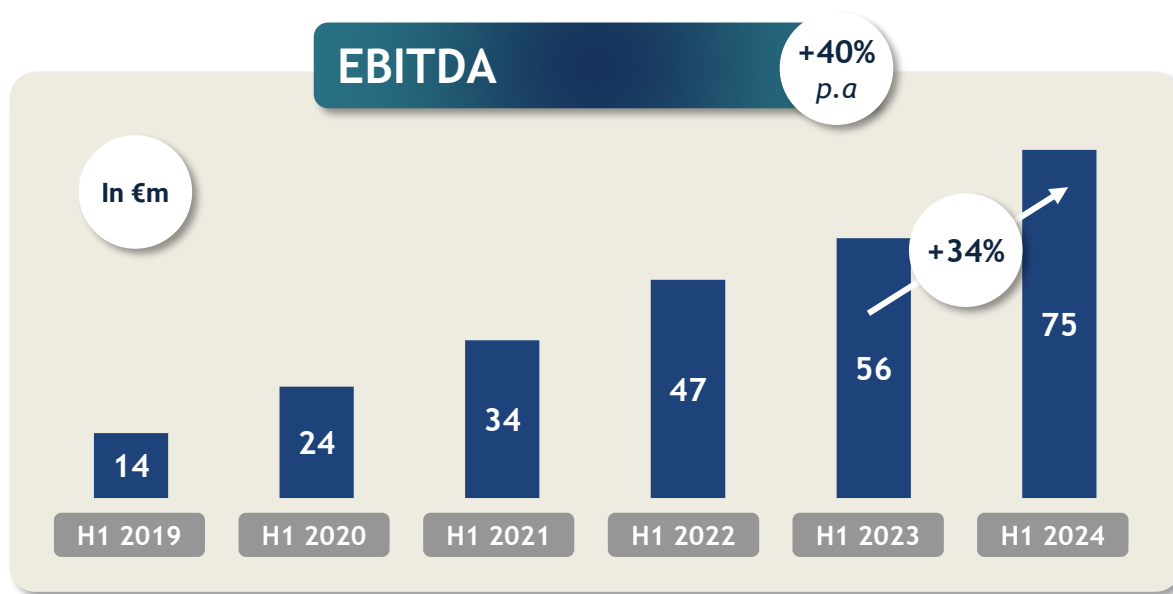
In €m

H1 2023	H1 2024
56	75

+34%



# CONSISTANT H1 EBITDA PROGRESSION DRIVEN BY THE INSTALLED CAPACITY INCREASE



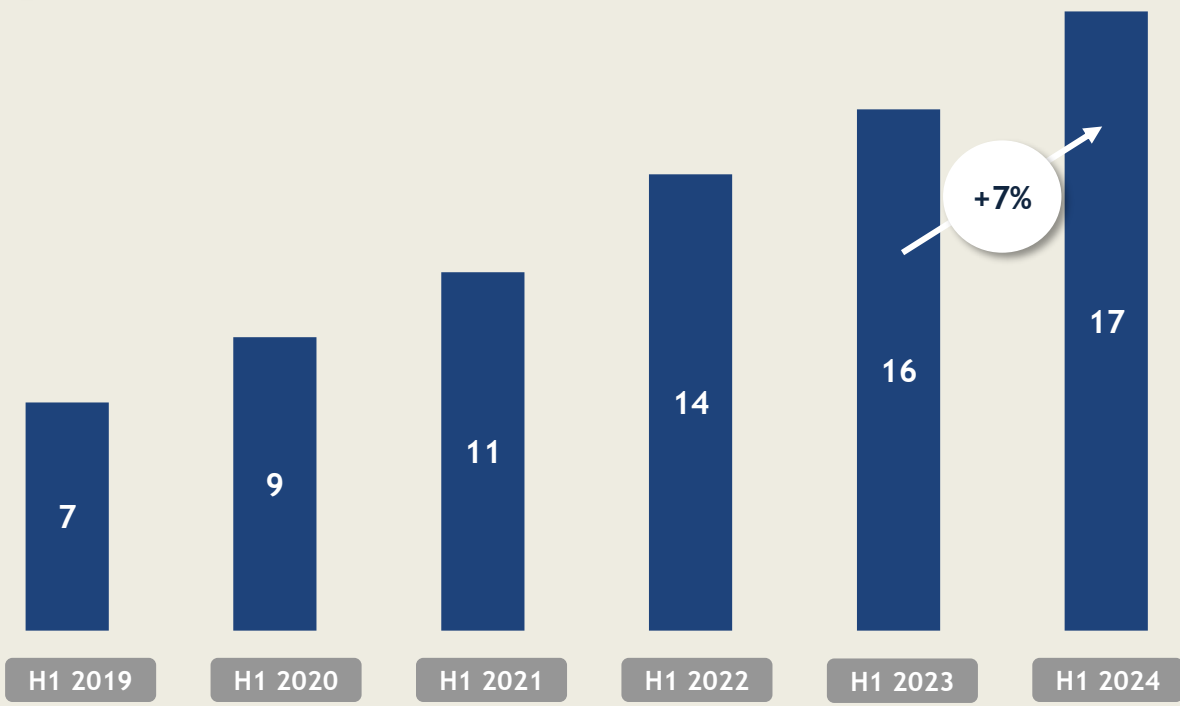


# FUELING MID TERM GROWTH

## Pipeline of future projects under development

+19%  
p.a

In GW



5.6x  
Pipeline-to-capacity  
multiple





# POWER PRODUCTION CURTAILMENT IN BRAZIL

## Potential impact on 2024 EBITDA

As announced<sup>1</sup>, pronounced **curtailment** in certain parts of the grid, imposed by the Brazilian transmission system operator

Could have a **€40** million impact on 2024 EBITDA:

1. If **extended** over the coming months, and
2. If **not** financially compensated by the end of 2024, and
3. If the average EUR/BRL **exchange rate** for the 2<sup>nd</sup> half of the year is around 6

Voltaia is carrying out a series of actions to reduce the duration of this curtailment and to be financially compensated

**Voltaia is confident that technical and financial solutions will be found**

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# BUSINESS HIGHLIGHTS

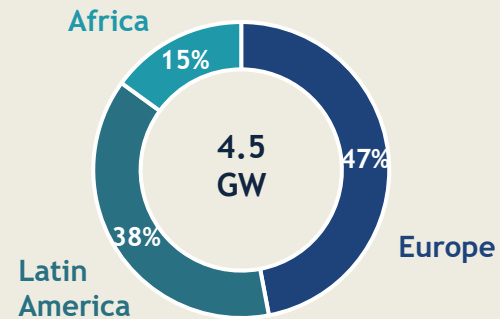


# A GROWING PORTFOLIO AS POWER PRODUCER

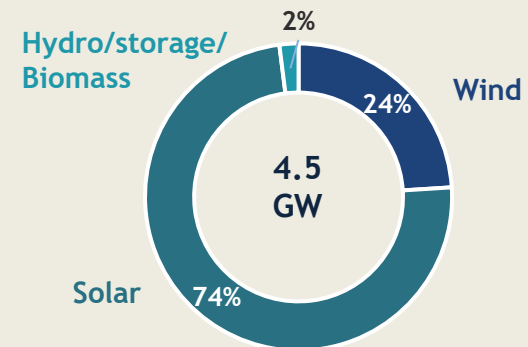
In MW

	AS OF H1 2024	AS OF H1 2023	VAR %
In operation	2,452	1,699	+ 44%
Under construction	605	961	- 37%
In operation and under construction	3,057	2,660	+ 15%
Awarded	1,429	1,435	STABLE
<b>Total secured portfolio</b>	<b>4,486</b>	<b>4,095</b>	<b>+ 10%</b>

Secured by regions (H1 2024)



Secured by technologies (H1 2024)



# COMMISSIONING AND ON-GOING CONSTRUCTION IN H1 2024

## COMMISSIONING

## ON-GOING CONSTRUCTION



Logelbach

12.1 MW



Cafesoca

8 MW



Helexia

136 MW



Bolobedu

148 MW



Sarimay Solar

126 MW



Helexia

70 MW



Lercara Friddi

3 MW



Sinnamary

11 MW



Clifton

45 MW



East Gate

34 MW



Paddock

50 MW



# H1 DEVELOPMENTS IN AFRICA



Tunisia: Solar project

- **Solar project signed** in the Gafsa region, Tunisia
- **130 MW** capacity
- Backed by a **30-year** power purchase agreement with STEG, the state-owned operator of the grid
- Construction to be launched in **2025** and commissioning scheduled for **2026**



Egypt: Hydrogen project

- **Framework agreement signed** during the Egypt-EU Investment Conference.
- With his partner TAQA Arabia, Volitalia continues to develop a cluster combining renewable energy and green hydrogen production. The project will be implemented in two phases, each comprising a 500-megawatt electrolyzer powered by more than **1.3 gigawatt** of solar and wind energy
- The facility will have an annual production capacity exceeding **130,000 tons of hydrogen** for each phase

# H1 DEVELOPMENTS IN UZBEKISTAN



126  
MW

50 MW  
100  
MWh



Sarimay solar and storage projects

## Construction of the Sarimay Solar power plant

- 126 MW
- Backed by a contract of at least 25 years
- Commissioning planned for 2025

## Battery storage expansion

- 50 MW / 100 MWh
- To be backed by a contract of at least **10 years**, sufficient to make the project profitable



500 MW  
1000  
MWh



New storage cluster

- **Framework agreement signed** to develop a battery storage complex for **500 MW / 1000 MWh**
- To be backed by a contract of at least **10 years**, sufficient to make the project profitable
- Will be among the **world's largest storage complex** and will mark a significant milestone in Voltalia's strategy of battery storage projects without exposure to the risks of price fluctuations in the electricity markets

# H1 DEVELOPMENTS AS SERVICE PROVIDER



500 MW 

**Development**

Sale of a **500 MW** wind power project under advanced development in the Bahia region of Brazil



128 MW 

**Construction**

Signing with Ørsted of an engineering, procurement and construction (EPC) contract for a **128 MW** solar power plant in Ireland in County Carlow in Ireland



6.4 GW 

**Maintenance**

Maintenance contract portfolio crossed the **6-gigawatt** mark

A step towards the 2027 objective of 8 gigawatts operated for third-parties

# SECURING FINANCING

## Convertible bonds refinancing secured

### New syndicated banking loan

€294m

- Maturity of 5 years, extendable to 7 years, composed of a revolving credit facility of 176.4 million euros and a term loan of 117.6 million euros
- Securing the **refinancing of all** corporate credit lines maturing until 2026, including the **convertible bonds** maturing in January 2025

## New project financing

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- In Albania with IFC, EBRD and Intesa Sanpaolo, for **93 million euros**
- In the United Kingdom with Natwest, for **50 million pounds**

**He**lexia

- In Europe with BPI France and La Banque Postale (including LBP AM) for **60 million euros** building upon the previous 90 million euros secured in June 2023



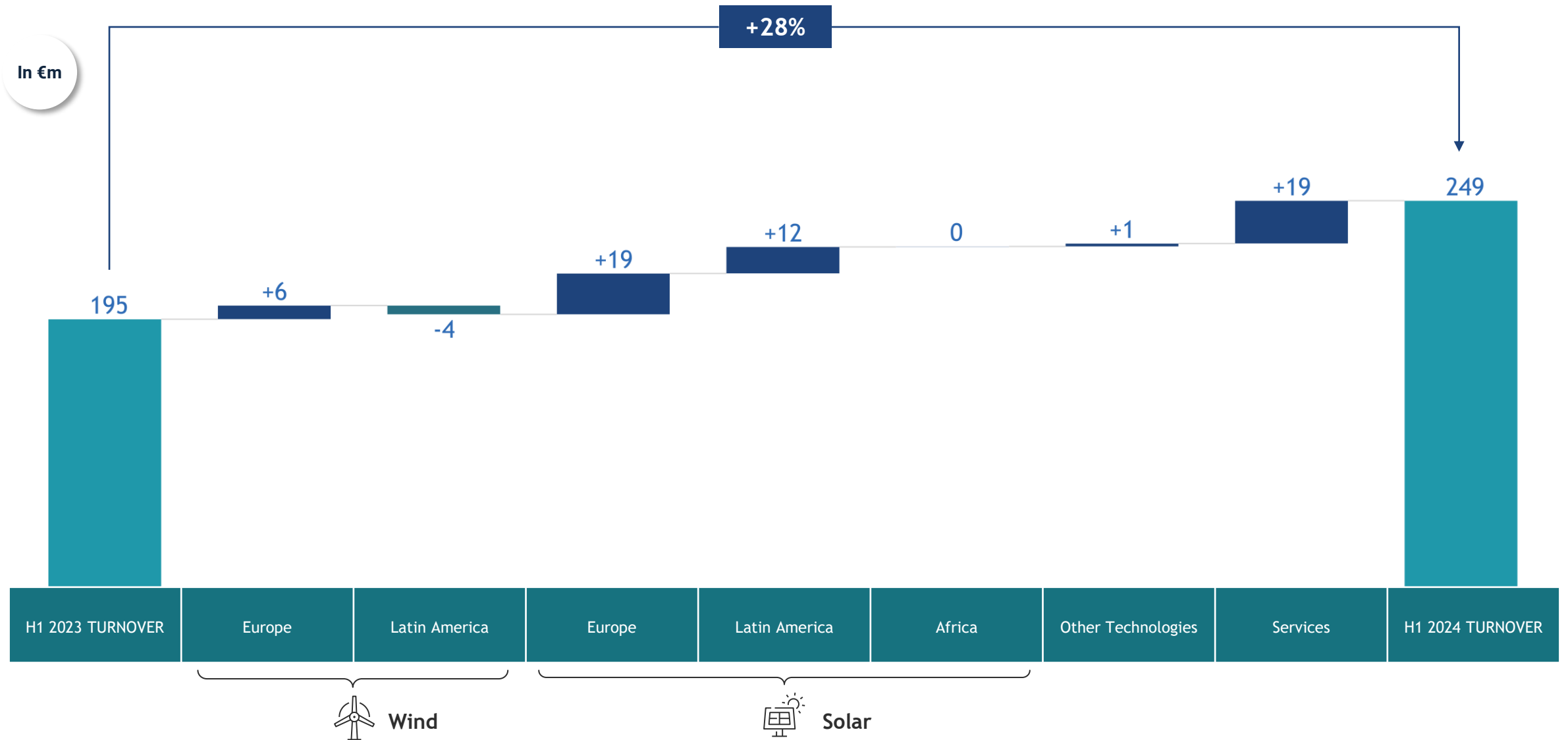




# FINANCIAL HIGHLIGHTS

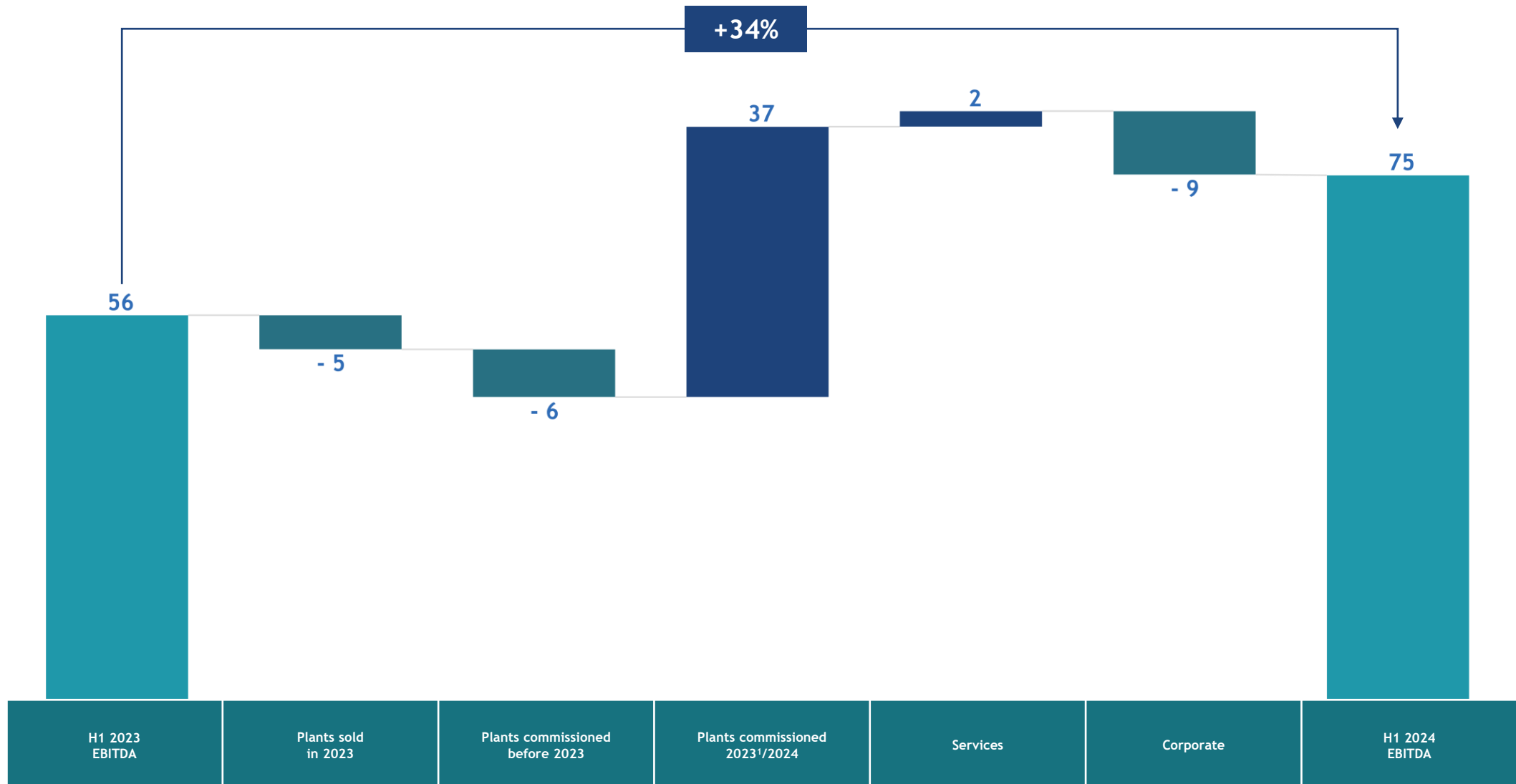


# TURNOVER EVOLUTION



# EBITDA EVOLUTION

In €m



(1) Full semester effect

# H1 2024 ENERGY SALES



IN MILLION EUROS  
(BEFORE ELIMINATIONS)

VARIATION

	H1 2024	H1 2023	Actual	Constant
Turnover	168.7	134.2	+26%	+26%
EBITDA	101.2	75.6	+34%	+34%
<i>EBITDA margin</i>	60%	56%	+4pts	+4pts

**Turnover at €168.7 million: +26%**

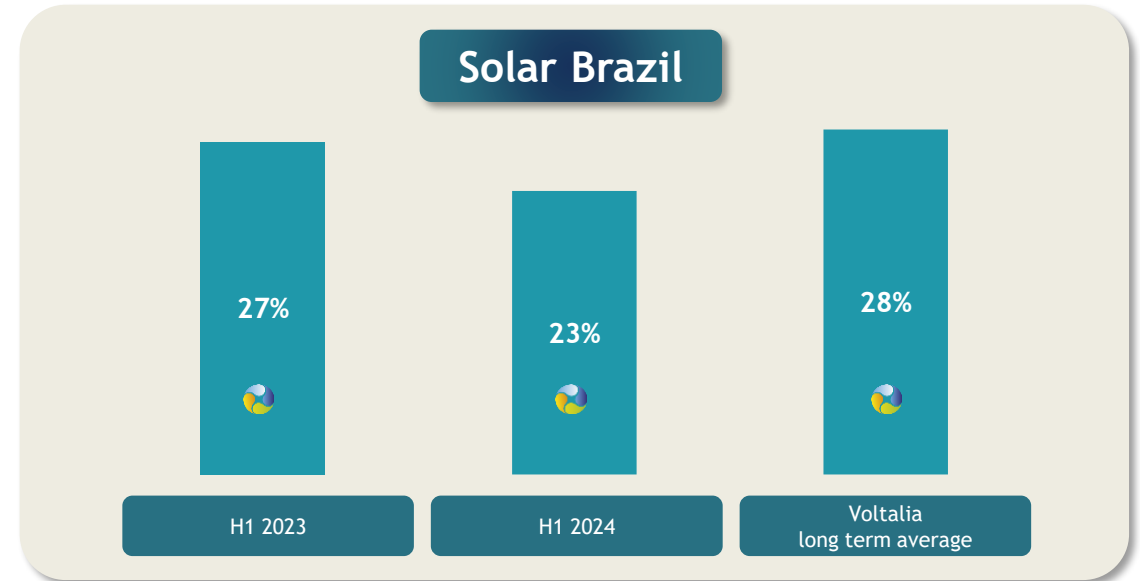
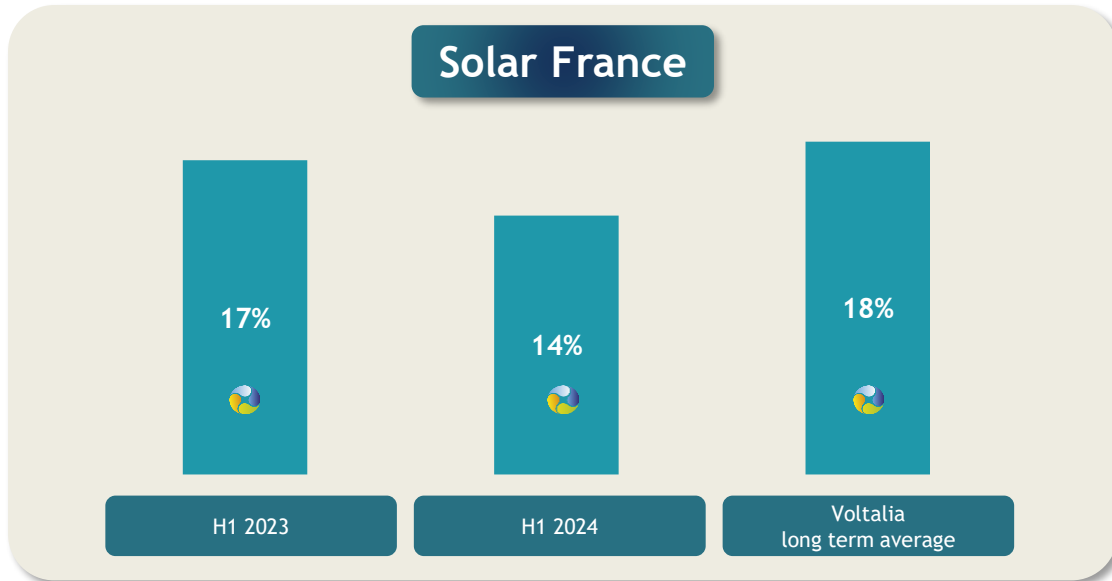
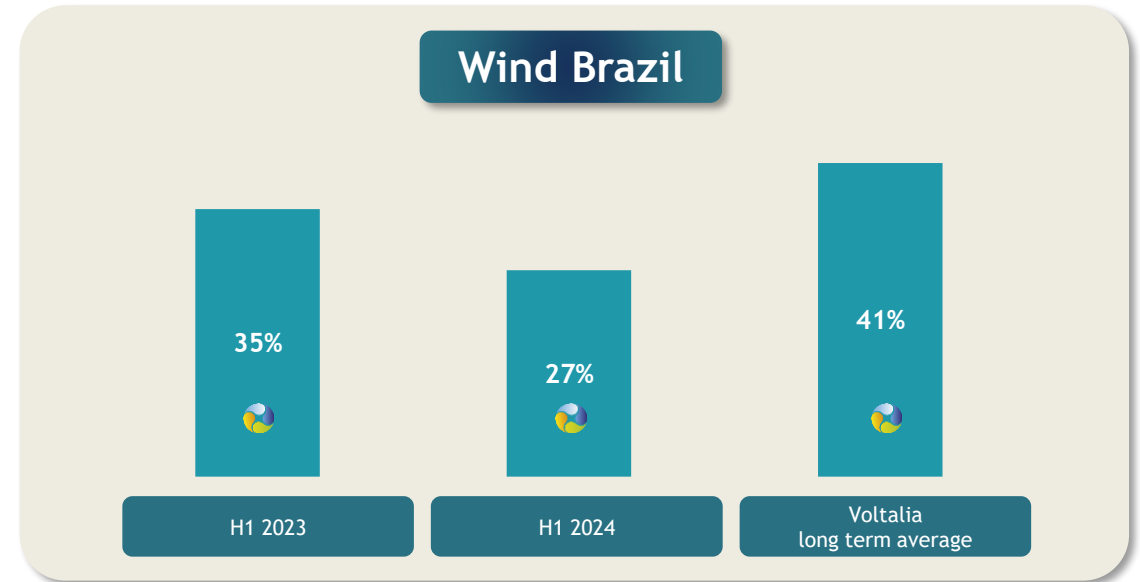
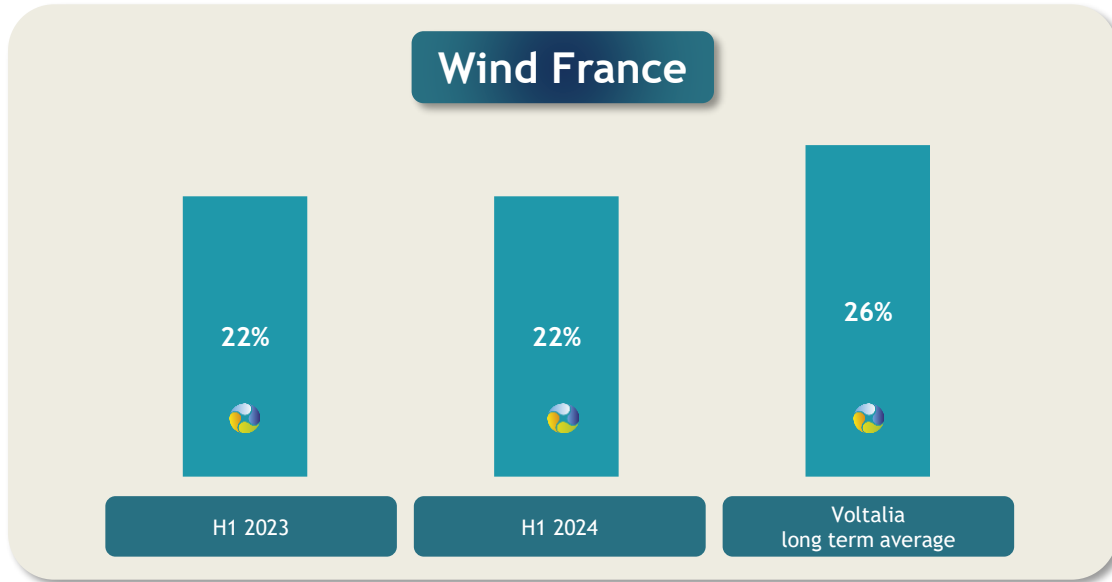
- **13% power production increase exceeding 2 TWh**
  - Thanks to the plants commissioned since June 30, 2023, the production increased by +24% partially compensated by plants disposed in 2023 and lower load factors
  - For the first time, solar production accounts for more than half of Voltalia's total production
- **26% turnover increase at €169 million**
  - Positive price effect thanks to inflation indexation of power prices (as per long-term power sales contracts)

**EBITDA at €101.2 million: +34%**

- **60% EBITDA margin, +4 points**
  - In **Brazil**, positive effects of new plants (Canudos and SSM3-6) that offset plant sold end of 2023, lower wind resources and preventive maintenance work concentrated during the season of lower wind resources
  - In **France**, sharp increase thanks to 2023 and 2024 new plants (Rives Charentaises, Sud Vannier, Montclar and Logelbach) more than exceeding the ones sold end of last year
  - In **other countries**: +79% EBITDA thanks to average higher resources level than 2023 and new plants in mainly in Portugal and Albania, including early generation at the Karavasta plant with high fixed prices ahead of the long-term energy sales contract. Other countries account for **more than the third** of the Energy Sales' EBITDA



# VOLTALIA PORTFOLIO'S LOAD FACTOR



# H1 2024 SERVICES



## Turnover at €80.2 million: +32%

- **-25% before eliminations at €202.1million**
  - As expected, lower **internal construction projects** (eliminated in consolidation), down 42% compared with H1 2023 (record level of internal activity)
- **+32% after eliminations at €80.2 million**
  - The **Development, Construction and Equipment Procurement** segment grows by +32% to €68.0 million
  - **Operation and Maintenance** segment grows by +7% to €12.1 million

## EBITDA at -€10.1 million: 17% improvement

- **Development, Construction and Equipment Procurement:** generates EBITDA of -€10.1 million, improves by €3.4 million and remains seasonal
  - **Development:** stable, with lower sales of project and lower expenses linked to the growth of the portfolio of future projects (which grows by +7% to 17.2 GW)
  - **Construction and Equipment Procurement:** rises sharply thanks to construction contracts in Ireland with ESB and Power Capital (330 MW), which more than offset the fall in solar panel prices that continues to weigh on supply contracts as in 2023
- **Operation and Maintenance** at break-even
  - Decreases by €1.3 million vs 2023 due to temporary drop of additional services provided under long-term contracts

IN MILLION EUROS			VARIATION	
	H1 2024	H1 2023	Actual	Constant
Turnover before eliminations	202.1	271.0	-25%	-25%
Eliminations	(121.9)	(210.2)	-42%	-42%
<b>Turnover after eliminations</b>	<b>80.2</b>	<b>60.7</b>	<b>+32%</b>	<b>+32%</b>
<b>EBITDA after eliminations</b>	<b>(10.1)</b>	<b>(12.2)</b>	<b>+17%</b>	<b>+17%</b>

# FROM EBITDA TO NET RESULT

In €m IFRS	H1 2024	H1 2023	VAR. ACTUAL	VAR. CONSTANT
EBITDA before eliminations	102.2	90.8	+12%	+11%
Eliminations	(11.1)	(27.4)	-59%	-59%
Corporate items	(16.1)	(7.4)	x2.2	x2.2
<b>EBITDA</b>	<b>75.0</b>	<b>56.0</b>	<b>+34%</b>	<b>+35%</b>
<i>EBITDA margin (%)</i>	<i>30%</i>	<i>29%</i>	<i>+1pt</i>	<i>+1pt</i>
<b>DAP</b>	<b>(48.0)</b>	<b>(44.6)</b>	<b>+7%</b>	<b>+8%</b>
Other operational incomes and expenses	(4.8)	(3.1)	+54%	+54%
<b>Operating profit (EBIT)</b>	<b>22.2</b>	<b>8.2</b>	<b>x2.7%</b>	<b>x2.7</b>
Financial result	(36.7)	(24.8)	+48%	+53%
Taxes	(1.9)	(6.3)	-70%	-70%
Minority interests	0.7	3.5	-79%	-79%
<b>Net result (Group share)</b>	<b>(15.7)</b>	<b>(19.4)</b>	<b>+19%</b>	<b>+14%</b>

EBITDA up by 34% and improved EBITDA margin from 29% to 30%

- Eliminations refer to internal activity
- Corporate includes non-recurring items in H1 2024

Depreciation, amortisation and provisions up by 7%, mainly due to

- Additional amortization due to commissioning in 2024 and the full half-year effect of plants commissioned in 2023
- Decrease in provisions which, in 2023, reflected inventories of solar panels written off and charges associated with the exceptional regulatory measures to limit the rise in electricity prices

Net financial expenses up by 48%

- Cost of financial debt increases mainly due to the growth of the portfolio of operating power plants (+753 MW)

Tax charge down by 70%

- Deferred tax income recognition following approval from Jordanian tax authorities (related to accelerated depreciation), more than offset the increase in taxes inherent in business growth

Net seasonal loss (Group share) improves by 19%



<sup>(1)</sup> From the half year results publication and comparative periods, the Share of results from equity-accounted companies is reclassified within current operating result and included in the EBITDA definition used by Voltalia. Already included in EBITDA before eliminations. Showed only for illustration

# BALANCE SHEET

In €m IFRS	30.06.2024	31.12.2023
Goodwill	79	79
Fixed assets	2,896	2,771
Cash and cash equivalent	329	319
Other assets (current and non-current)	603	649
<b>Total assets</b>	<b>3,908</b>	<b>3,818</b>
Equity, Group share	1,184	1,265
Minority interests	107	118
Total financial debt	2,181	1,909
Provisions	32	35
Other liabilities (current and non-current)	404	491
<b>Total liabilities</b>	<b>3,908</b>	<b>3,818</b>

**Tangible and intangible fixed assets** rises by €125 million mainly due to power plants under construction mainly in UK, South Africa, Helexia's rooftop

**Cash and cash equivalents** amounts to €329 million, an increase of +€10 million

**Other current and non-current assets** decrease mainly related to the cash-in of receivables from 2023 plants sold

**Shareholders' equity** amounts to 1.2 billion euros, down -81 million euros, mainly due to the reduction in translation reserves, and the allocation of net profit

**Financial debt** stands at €2.2 billion. The increase of +€272 million is due for €254 million to the raising of new project financing balancing the temporary financing through corporate debts. Corporate debt enables the Group to pre-finance the construction of power plants. It also finance the change in working capital requirements, which is usually unfavourable in the first half of the year

With a net debt of €1.8 billion, the gearing\* ratio is 59%<sup>1</sup>

**Other current and non-current liabilities** amounts to 404 million euros, down -€87 million, mainly due to completion stage on construction projects for third-party customers (lower trade payables)



<sup>(1)</sup> Net Financial Debt / (Equity + Net Financial Debt)

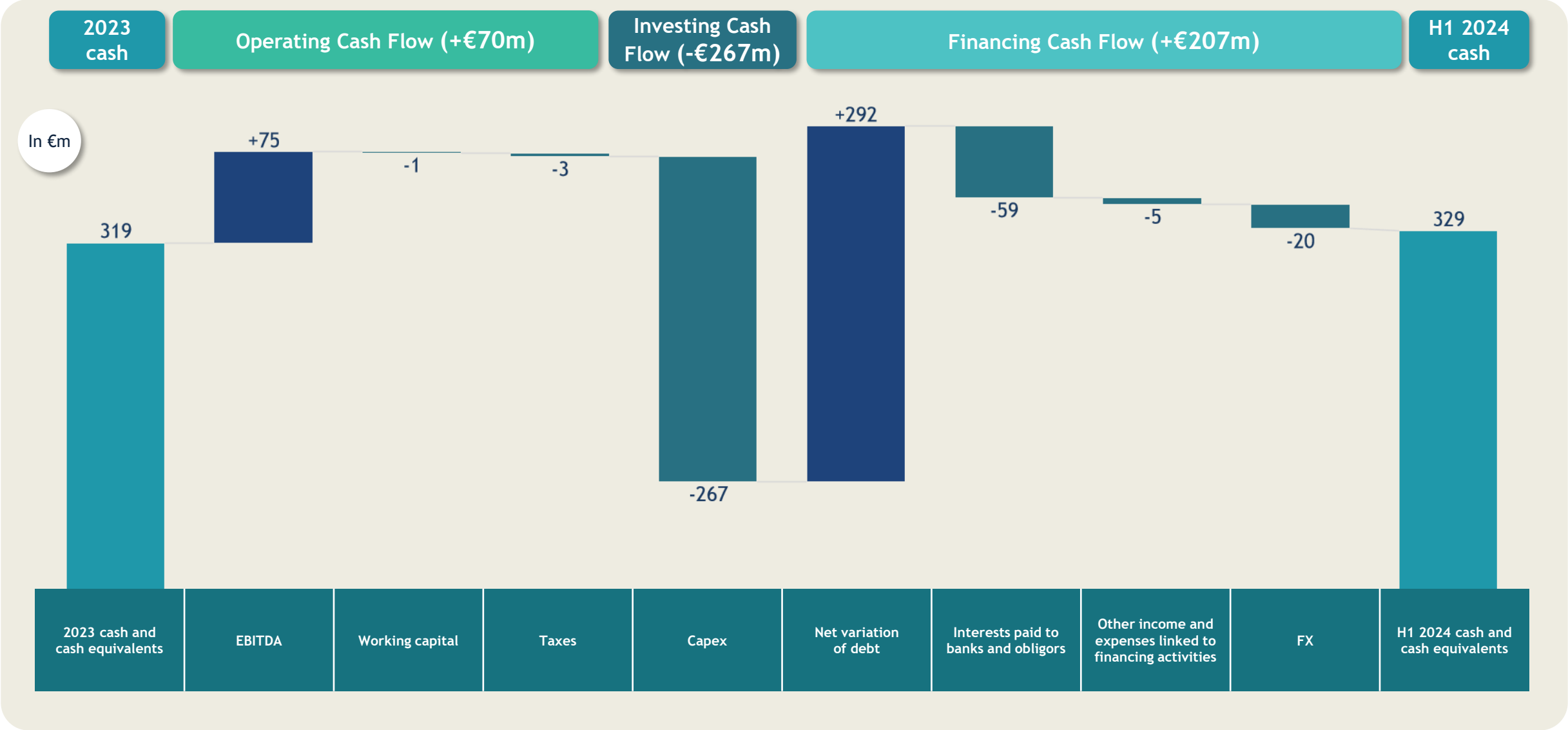




# FINANCING, CASH AND DEBT FOCUS



# CHANGE IN TOTAL CASH BALANCE

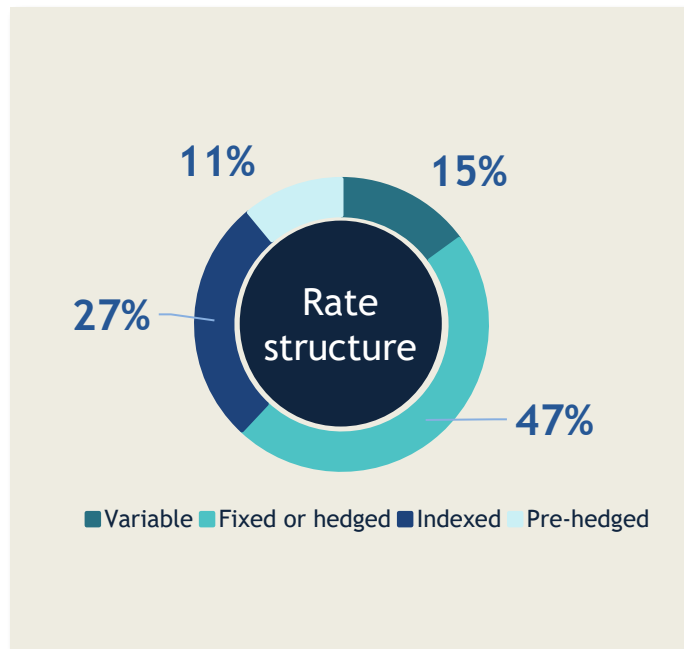
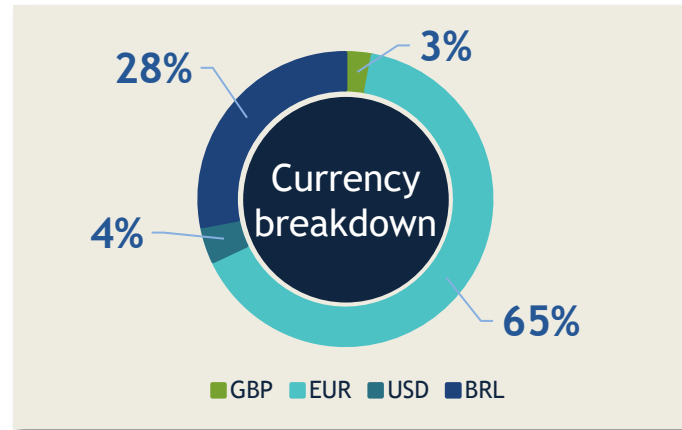
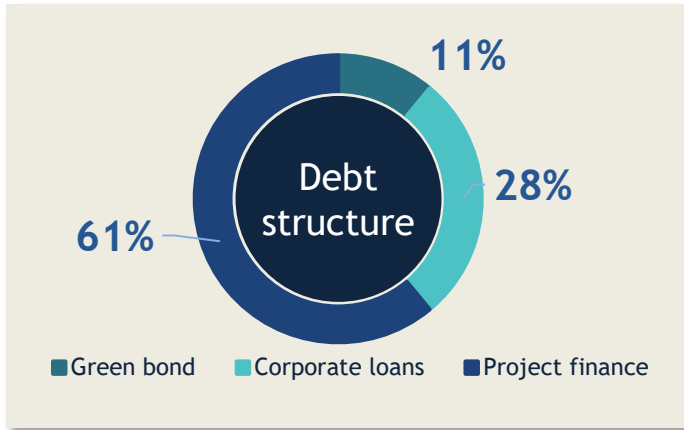


# DEBT VARIATION

In €m



# DEBT CHARACTERISTICS



## Banks in corporate facilities





# 2024 OBJECTIVES



# 2024 OBJECTIVES

## Confirmation of financial performance before curtailment impact



**~€255m**

EBITDA of which

**~€230m**

from Energy Sales



# CURTAILMENT CONTEXT AND POTENTIAL IMPACT IN BRAZIL

## Context

### What is curtailment ?

Grid operator decides to limit the transmission, for a given period, of all or part of the electricity production potential of a power plant, to maintain the stability of the grid

### Context in Brazil

- Across the country, curtailment imposed by Brazilian grid operator at highly unusual levels
- In addition, in Rio Grande do Norte, delayed completion of new transmission lines to strengthen the grid

## Potential impact

If three assumptions are met:

1. If **extended** over the coming months, and
2. If **not** financially compensated by the end of 2024, and
3. If the average EUR/BRL **exchange rate** for the 2<sup>nd</sup> half of the year is around 6

Voltalia's 2024 EBITDA could be cut by **~€40m** including **~€10m** EUR/BRL rate impact

# SERIES OF INITIATIVES CARRIED OUT IN BRAZIL

## Action plan

Through sector associations and directly:

- **Litigation actions** before the federal and local courts, as per law which provides for **financial compensation**
- **Constructive discussions** held in parallel, with the grid operator and the public authorities, to rapidly **stop** curtailment (notably with technical solutions) and accelerate **financial compensation**

**Voltaia is confident that technical and financial solutions will be found**





# 2024 EBITDA FORECAST

## H1

## H2

## FY

**Actual**

**€75m**  
EBITDA

Power production from plants commissioned in 2023 and before <b>€135m</b>	Power production from plants commissioned in 2024 <b>€10m</b>	Early generation <b>€10m</b>
<b>Energy Sales</b>		<b>~€155m</b> EBITDA
Development, Construction & Equipment Procurement <b>€34m</b>	Operation & Maintenance <b>€1m</b>	Corporate <b>€(10)m</b>
<b>Services and corporate</b>		<b>~€25m</b> EBITDA

**Forecast before curtailment**

**~€255m**  
EBITDA

**Curtailment potential impact**

**~€(40)m**  
EBITDA



# 2024 OBJECTIVES

## Confirmation of capacity



**~3.3 GW**

in operation or under  
construction of which

**~2.5 GW**

In operation

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2027 AND BEYOND



# 2027 AMBITIONS CONFIRMED

## Energy



**>5 GW**

In operation or under construction of which

**4.2 GW**

In operation

## Services



**>8 GW**

Operated for third-parties

## Financial performance



**~€475m**

Normalised EBITDA<sup>(1)</sup> of which

**~€430m**

from Energy Sales



(1) Calculated with an average annual EUR/BRL exchange rate of 5.5 and a long-term average wind, solar and hydraulic production.

# MISSION OBJECTIVES CONFIRMED

## 2027 objectives

4 million

More than 4 million tonnes of CO<sub>2</sub>e emissions avoided thanks to **Voltalia's activity**

1.6 million tonnes in 2023

100%

of solar held capacity under construction with **a Stakeholder Engagement Plan aligned with IFC standards** (World Bank Group<sup>1</sup>)

44% by the end of 2023

50%

of solar held capacity in operation **located on co-used or upgraded soil<sup>2</sup>**

39% by the end of 2023

## 2030 objective

-35%

of **carbon intensity** for solar held capacity under construction (kgCO<sub>2</sub>/MW vs 2022)

-4% by the end of 2023

(1) World Bank Group - Société Financière Internationale ou International Finance Corporation (IFC)

(2) i.e. land combining solar energy and other human activity (such as buildings, parking lots, agriculture and grazing) or located on soils with low biodiversity value or agricultural or economic potential (such as deserts, brownfields and disused quarries)

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CONCLUSION

 Moratalla, 6.8 MW



# KEY TAKEAWAYS

## First semester

**Production +13%**  
at 2.1 TWh

**Turnover +28%**  
at €249m

**EBITDA +34%**  
at €75m

## 2024 forecast

**EBITDA confirmed**  
before curtailment  
potential impact  
at -€255m

**Curtailment potential**  
impact of **~€40m**  
including ~€10m FX impact

## Mid-term

**Pipeline +7%**  
at 17.2 GW

**2027 objectives**  
**confirmed**  
including ~€475m normalised <sup>(1)</sup> EBITDA

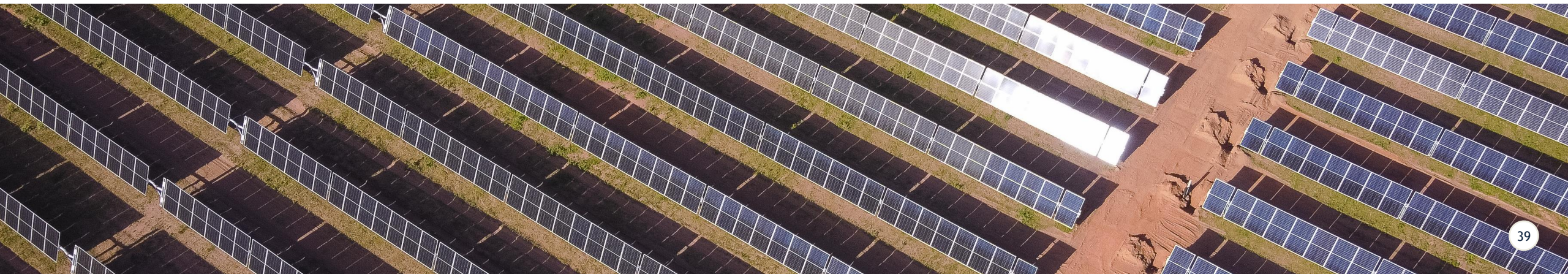
## Refinancing

**New syndicated loan**  
of €294m

**Refinancing all lines**  
until 2026

**Incl. convertible bonds**  
maturing in January 2025

(1) Calculated with an average annual EUR/BRL exchange rate of 5.5 and a long-term average wind, solar and hydraulic production.



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Q&A

 Cacao, 5.1 MW







# Thank you



SOLAR



WIND



HYDRO



BIOMASS



STORAGE

[www.voltage.com](http://www.voltage.com)

