



Legal disclaimer

This presentation contains forward-looking statements within the meaning of the U.S. Private Securities Litigation Reform Act of 1995. We intend such forward-looking statements to be covered by the safe harbor provisions for forward-looking statements as contained in Section 27A of the Securities Act of 1934, as amended (the "Exchange Act"). All statements contained in this presentation other than statements of historical fact, including, without limitation, statements regarding Enlight Renewable Energy's (the "Company") business strategy and plans, capabilities of the Company's project portfolio and achievement of operational objectives, market opportunity and potential growth, discussions with commercial counterparties and financing sources, pricing trends, progress of Company projects, including anticipated timing of related approvals and project completion, the Company's future financial results, expected impact from various regulatory developments, including the IRA, Revenue, EBITDA, and Adjusted EBITDA guidance, the expected timing of completion of our ongoing projects, macroeconomic trends, and the Company's anticipated each requirements and financing plans, are forward-looking statements. The words "may," "might," "will," "could," "would," "should," "expect," "plan," "anticipate," "intend," "target," "seek," "believe," "estimate," "predict," "potential," "continue," "contemplate," "possible," "forecasts," "aims" or the negative of these terms and similar expressions are intended to identify forward-looking statements, though not all forward-looking statements use these words or expressions.

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the terms of our indebtedness (and the indebtedness of our subsidiaries that we guarantee) and our ability to continue to secure project financing on attractive terms for our projects; limitations on our management rights and operational flexibility due to our use of tax equity arrangements; potential claims and disagreements with partners, investors and other counterparties that could reduce our right to cash flows generated by our projects; our ability to comply with increasingly complex tax laws of various jurisdictions in which we currently operate as well as the tax laws in jurisdictions in which we intend to operate in the future; the unknown effect of the dual listing of our ordinary shares on the price of our ordinary shares; various risks related to our incorporation and location in Israel, including the ongoing war in Israel, where our headquarters and some of our wind energy and solar energy projects are located; the costs and requirements of being a public company, including the diversion of management's attention with respect to such requirements; certain provisions in our Articles of Association and certain applicable regulations that may delay or prevent a change of control; and the other risk factors set forth in the section titled "Risk factors" in our Annual Report on Form 20-F for the fiscal year ended December 31, 2023 filed with the Securities and Exchange Commission (the "SEC"), as may be updated in our other documents filed with or furnished to the SEC.

These statements reflect management's current expectations regarding future events and operating performance and speak only as of the date of this presentation. You should not put undue reliance on any forward-looking statements. Although we believe that the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee that future results, levels of activity, performance and events and circumstances reflected in the forward-looking statements will be achieved or will occur. Except as required by applicable law, we undertake no obligation to update or revise publicly any forward-looking statements, whether as a result of new information, future events or otherwise, after the date on which the statements are made or to reflect the occurrence of unanticipated events.

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Non-IFRS Financial Metrics

This presentation presents Adjusted EBITDA, a non-IFRS financial metric, which is provided as a complement to the results provided in accordance with the International Financial Reporting Standards as issued by the International Accounting Standards Board ("IFRS"). A reconciliation between Adjusted EBITDA and Net Income, its most directly comparable IFRS financial measure, is contained in the tables below. The Company is unable to provide a reconciliation of Adjusted EBITDA to Net Income on a forward-looking basis without unreasonable effort because items that impact this IFRS financial measure are not within the Company's control and/or cannot be reasonably predicted. These items may include, but are not limited to, forward-looking depreciation and amortization, share based compensation, other income, finance income, finance expenses, share of losses of equity accounted investees and taxes on income. Such information may have a significant, and potentially unpredictable, impact on the Company's future financial results.

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Enlight at a glance

Next generation global renewable energy platform



Greenfield developer & IPP

Control over entire project life cycle



Extensive track record

71% CAGR revenues¹
50% CAGR Mature Project capacity^{1,2}



Global platform

Growing activity across U.S., Europe and MENA



Large and diverse portfolio

19.2 GW + 31.8 GWh portfolio 6 GW + 7.6 GWh Mature Phase Projects²



Wind, solar and energy storage

Expertise across main renewable technologies



First pure-play listed developer

First pure-play to list on a national exchange in the U.S.

¹ 2017-2023; ² Mature Projects include projects that are operational, under construction, in pre-construction (meaning, that they are expected to commence construction within 12 months as of November 12, 2024 (the "Approval Date")



3Q24 performance overview

Strong results
& FY24 guidance raised



Revenue up 88% to \$109m



Adjusted EBITDA¹ up 86% to \$88m

Guidance up \$10m, increased for the second consecutive quarter this year



Revenues **\$355-\$370m**

Adjusted EBITDA¹ **\$255-\$270m**

Business developments



Multiple CODs² of 512 MW & 1,391 MWh, representing annual³ revenues of \$81-87m and EBITDA of \$62-68m



Construction started on projects totalling 810 MW and 2.0 GWh, representing annual³ revenues of \$132-141m and EBITDA¹ of \$108-114m



Mature Phase Portfolio increased by 0.6 GW and 1.7 GWh; conversion of Snowflake A from Advanced phase to Mature phase Portfolio



Macro environment continues to be beneficial for Enlight

¹ Adjusted EBITDA is a non-IFRS measure. Please see the appendix of this presentation for a reconciliation to Net Income;

² Includes expected imminent CODs of Pupin wind farm and Atrisco BESS with capacity of 94 MW & 1,200 MWh; ³ Represents first full year of operation



Enlight US at a glance



CODs and construction progress



Major increase in operational capacity y-o-y, up 343% to 464 MW



Atrisco Solar completed COD in October, and Energy Storage COD expected in coming weeks, representing combined annual¹ revenues of \$51-55m and EBITDA^{1,2} of \$41-45m



Country Acres, Roadrunner, and Quail Ranch, totaling 810 MW and 2.0 GWh have begun construction, representing annual¹ revenues of \$132-141m and EBITDA^{1,2} of \$108-114m



Snowflake A enters the Mature phase Portfolio, with capacity of 600 MW and 1.9 GWh, representing annual¹ revenues of \$115-125m and EBITDA^{1,2} of \$95-105m. COD expected in mid-2027.

¹ Represents expected revenues and EBITDA for first full year of operation; 2Adjusted EBITDA is a non-IFRS measure. Please see the appendix of this presentation for a reconciliation to Net Income



Enlight Europe & MENA at a glance



CODs and high generation output



Strong financial performance - 3rd Quarter revenue up 87% y-o-y to \$101m, driven by new projects and healthy production



Operational Capacity rises to 1,938 MW and 625 MWh



Additional three projects of the Israel Solar & Storage Cluster (55 MW + 160 MWh) enter operations, bringing the full 12-site Cluster to COD. Additional sites in development and under construction.

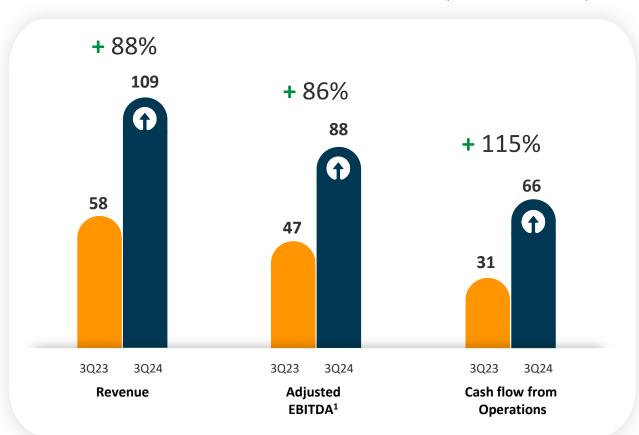


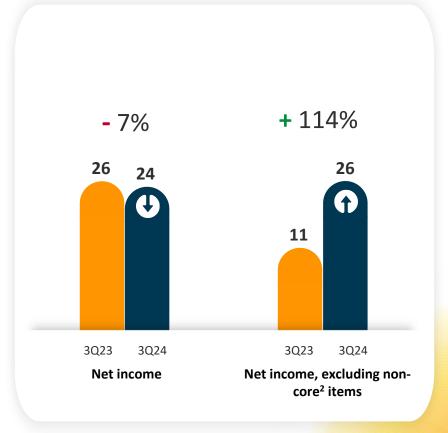
Pupin wind farm (94 MW) completed construction and expected imminent COD



3Q 2024 results Growth driven by new operational projects and healthy production levels

3Q 2024 versus 3Q 2023 (\$m)





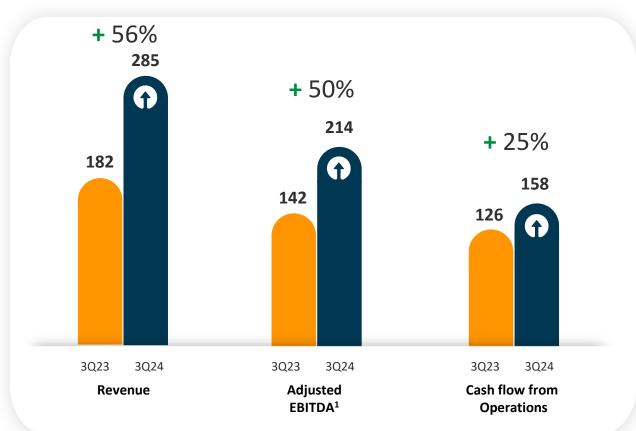
¹Adjusted EBITDA is a non-IFRS measure. Please see the appendix of this presentation for a reconciliation to Net Income; ²Includes impacts of foreign exchange revaluations; interest rate hedges; adjustments to the Clenara acquisition earnout; and financial asset losses

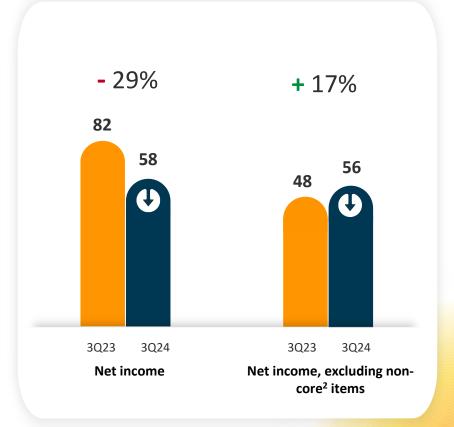


9M 2024 results

Growth driven by new operational projects and healthy production levels



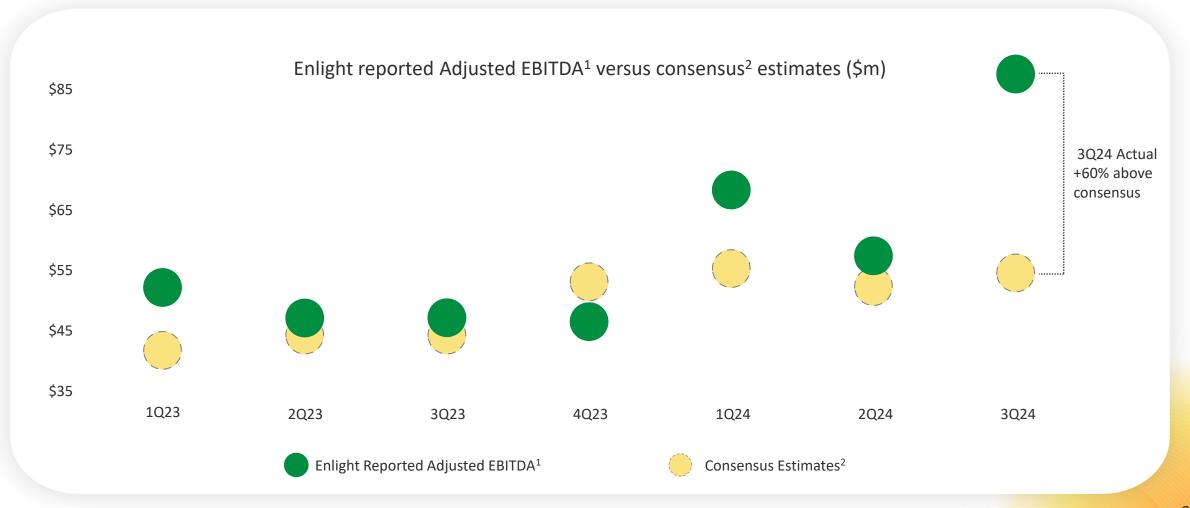




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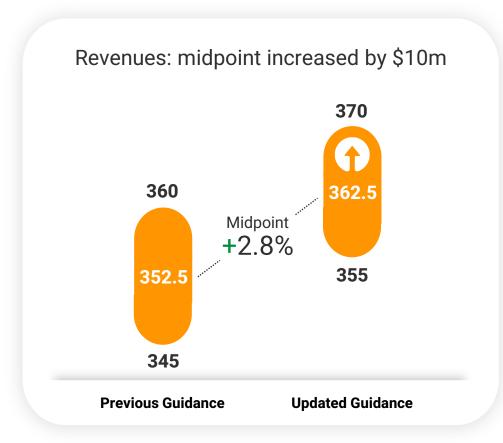


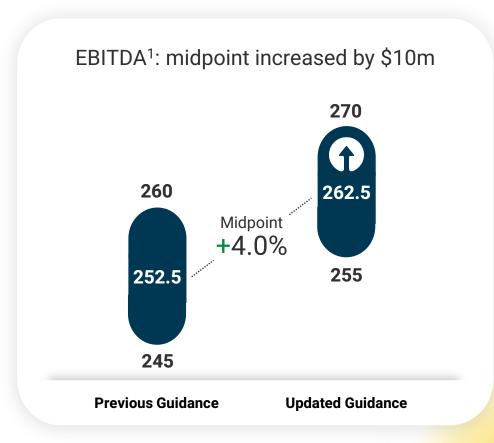
Actual results vs consensus expectations Quarterly Adjusted EBITDA





Raising 2024 guidance for the second quarter in a row

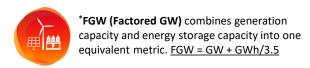


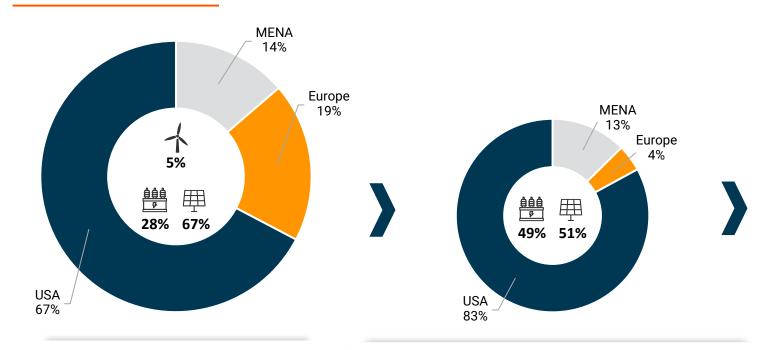


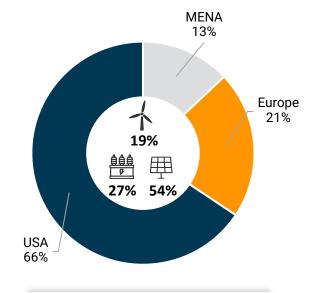


Enlight Portfolio

Composed of three development categories in three geographies







Development phase Portfolio 13.7 FGW* / 87 Projects

+2 years to construction

Advanced phase Portfolio 6.4 FGW* / 39 Projects

1-2 years to construction

Mature phase Portfolio 8.2 FGW* / 85 Projects

Operational

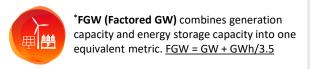
Under Construction

Pre-construction (1 year to construction)

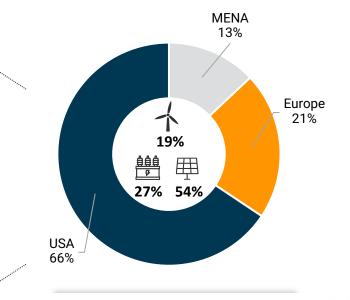


Enlight Portfolio

Spotlight on mature phase portfolio: 8.2 FGW achieves operations by 2027







Mature phase Portfolio 8.2 FGW* / 85 Projects

Operational

Under Construction

Pre-construction (1 year to construction)

Promising business environment for Enlight



Data centers and EVs are the main drivers of accelerating US electricity demand growth



Renewables are the dominant source of supply for growing demand, comprising 95% of the US project queue



Power prices in the US and Europe remain high, reflecting scarcity of new projects as demand rises



Equipment costs remain attractive for buyers while **interest rates** are declining

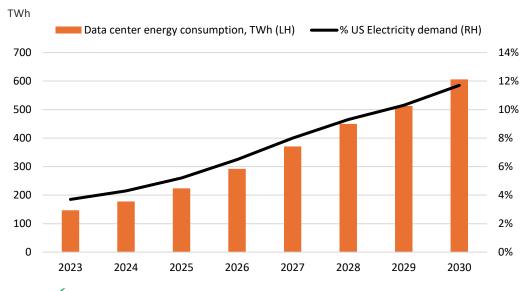




Promising business environment for Enlight Data centers boost electricity consumption; renewables the source of supply

Data centers drive growth in US power consumption...

US Data Center Electricity Demand 2023-2030

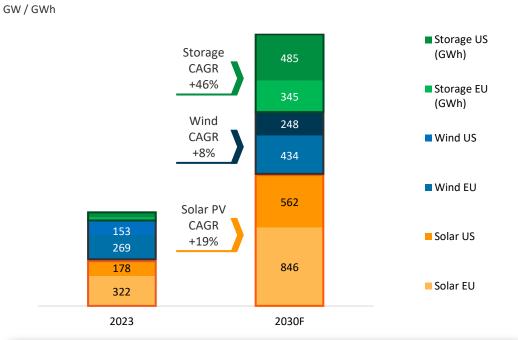


✓ U.S. data center electricity consumption expected to increase at a CAGR of 23% between 2023-2030

Data centers forecasted to consume almost 12% of U.S. electricity supply by 2030

... While renewable energy capacity expands swiftly

US and European Solar, Wind, and Storage Capacity 2023-2030



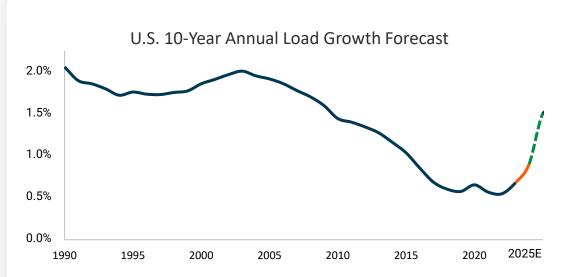
Vast expansion of renewable energy installed base through end of decade

Source: McKinsey, Bloomberg BNEF



Promising business environment for Enlight Load growth rising after decades of decline; renewables dominate project queue

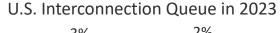
Increasing demand for electricity ...

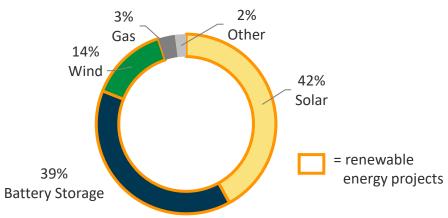


- ✓ US annual load growth forecast has jumped to 0.9% in 2023, with potential to reach 1.5%
- ✓ Drivers include new manufacturing and data center facilities

The hunt for power accelerates

... Renewables the only game in town





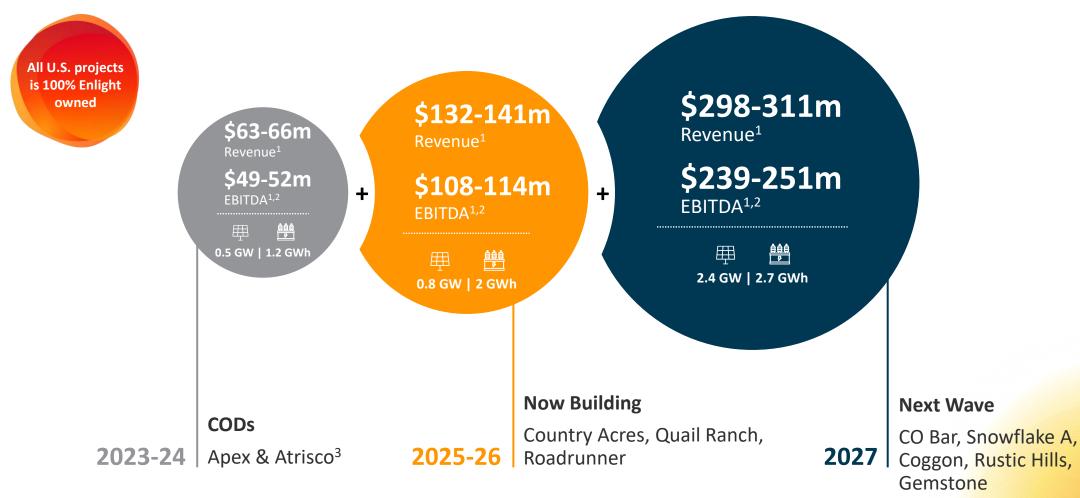
- Renewable power projects represent 95% of new capacity now in queue, with gas at only 3%
- ✓ Coal plants displaced, while hydro, & nuclear are not built at scale

Renewables critical to meeting future demand





US dominates growth with successful deployments Enlight US and next wave of projects



¹ Projects 1st full year revenue and EBITDA; ² EBITDA is a non-IFRS financial measure. The Company is unable to provide a reconciliation of EBITDA to Net Income on a forward-looking basis without unreasonable effort because items that impact this IFRS financial measure are not within the Company's control and/or cannot be reasonably predicted; ³ Estimates include Atrisco storage which is expected to reach COD imminently





Introducing Snowflake A: a new megaproject for 2025 construction

1,140 FMW major solar energy project in Arizona

| | *FGW (Factored GW) combines generation |
|---|--|
| 甲 | capacity and energy storage capacity into one equivalent metric. <u>FGW = GW + GWh/3.5</u> |
| | • |

| Location | Arizona, USA | | |
|--|------------------------|--|--|
| Capacity | 600 MW & 1,900 MWh | | |
| Expected COD | Mid-2027 | | |
| PPA term & counterparty | 20-year busbar, APS | | |
| First full year revenues / EBITDA ² | \$115-125m / \$95-105m | | |



The project has reached significant milestones:

- Site control secured
- PPA for both solar and storage components signed
- Signed final interconnection agreement
- Construction expected to begin in 2025



\$95-105m Estimated First Full Year EBITDA²





\$873-917m Estimated Net Project Costs¹



10.9%-11.4% Unlevered Ratio



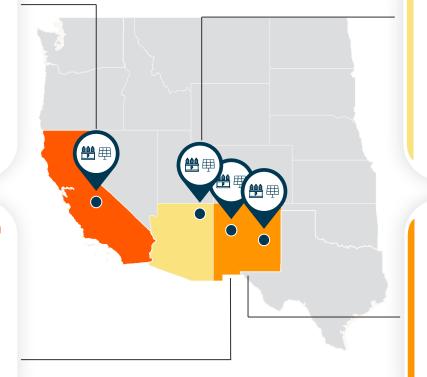


2024 on plan: construction begins on three major projects

Combination of large-scale projects at high returns

Country Acres

| Location | California | |
|--|------------------------|--|
| Capacity | 392 MW + 688 MWh | |
| Status | Construction has begun | |
| First Year Revenues / EBITDA ¹ | \$59-63m / \$48-51m | |
| Unlevered Ratio | 11.3%-11.8%² | |



Roadrunner

| Location | Arizona |
|--|------------------------|
| Capacity | 290 MW + 940 MWh |
| Status | Construction has begun |
| First Year Revenues / EBITDA ¹ | \$51-54m / \$41-44m |
| Unlevered Ratio | 14.2%-14.7%² |

Quail Ranch

| Location | New Mexico | |
|--|------------------------|--|
| Capacity | 128 MW + 400 MWh | |
| Status | Construction has begun | |
| First Year Revenues / EBITDA ¹ | \$22-24m / \$17-19m | |
| Unlevered Ratio | 13.4%-13.9%² | |

¹EBITDA is a non-IFRS financial measure. The Company is unable to provide a reconciliation of EBITDA to Net Income on a forward-looking basis without unreasonable effort because items that impact this IFRS financial measure are not within the Company's control and/or cannot be reasonably predicted. ²Net construction costs assume receipt of certain ITC and PTC credits under the IRA and are net of the estimated value of these credits. For certain projects, PTC is assumed, based on the project's expected production and a yearly CPI indexation of 2%, discounted by 8% to COD. For other projects ITC is assumed at the relevant ITC rate (ranging from 30% to 50%, depending on energy community and/or domestic content adders). The net cost does not reflect the full tax equity investment, only the estimated value of the tax credits.

Atrisco

Location New Mexico

Capacity 364 MW + 1,200 MWh

Status PV completed COD, expected imminent COD for storage

First Year Revenues / EBITDA¹ \$51-55m / \$41-45m

Unlevered Ratio 9.6%-10.1%²

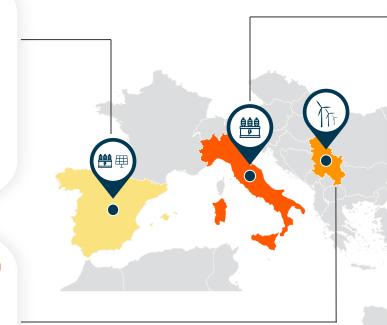




2024 on plan: Diverse mix of wind, solar and storage projects Enlight Europe & MENA Continuing to expand presence across EU and MENA with high expected returns

Gecama Hybrid

| Location | Spain | |
|--|---------------------|--|
| Capacity | 225 MW + 220 MWh | |
| Status | Pre-Construction | |
| First Year Revenues / EBITDA ¹ | \$35-37m / \$28-29m | |
| Unlevered Ratio | 12.5%-13.0% | |



SA Storage in Israel & Italy

| Unlevered Ratio | 18.4%-18.9% | |
|--|---|--|
| First Year Revenues / EBITDA ¹ | \$27-29m / \$22-24m | |
| Status | Pre-Construction (Israel Storage, Nardo) | |
| Capacity | 0.7 GWh | |
| Location | Israel & Italy | |

| Pupin | Imminen COD | |
|--|---------------------|--|
| Location | Serbia | |
| Capacity | 94 MW | |
| Status | Imminent COD | |
| First Year Revenues / EBITDA ¹ | \$22-23m / \$16-17m | |
| Unlevered Ratio | 10.4%-10.9% | |



¹Adjusted EBITDA is a non-IFRS measure. Please see the appendix of this presentation for a reconciliation to Net Income;



2024-2027 projects yield high returns

Overlaying 11.0%-11.5% unlevered return with a 5.5-6.0% cost of debt

Global Portfolio of 2024-27 CODs





6.9 GWh



Mature Phase Portfolio status:

0.9 GW + 3.3 GWh under construction

2.7 GW + 3.6 GWh near construction



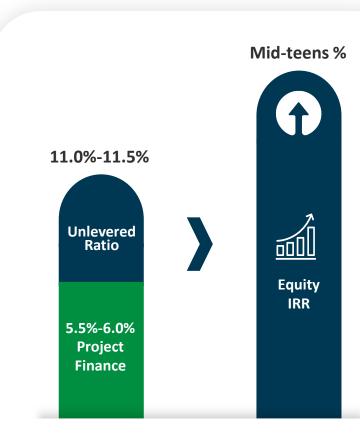
Average unlevered return:

11.0%-11.5%



Average levered return:

Mid teens





Appendix



Reconciliation between Net Income to Adjusted EBITDA

| (\$ thousands) | For the nine months ended | | For the three months ended | |
|---|---------------------------|-----------------------|----------------------------|-----------------------|
| | September 30, 2024 | September 30, 2023 | September 30, 2024 | September 30, 2023 |
| Net Income (loss) | 58,133 | 81,839 | 24,189 | 26,132 |
| Depreciation and amortization | 77,977 | 44,185 | 27,091 | 17,408 |
| Share based compensation | 6,027 | 4,000 | 1,942 | 1,150 |
| Finance (income) expenses | (18,299) | (44,380) | (3,234) | (12,118) |
| Finance expenses | 85,836 | 51,799 | 36,525 | 18,368 |
| Non-recurring other income (*) | (13,795) | (21,138) | (7,269) | (14,063) |
| Share of losses of equity accounted investees | 1,737 | 467 | 1,288 | 99 |
| Taxes on income | 16,154 | 25,494 | 7,024 | 10,200 |
| Adjusted EBITDA | 213,770 | 142,266 | 87,556 | 47,176 |

^{*} Non-recurring other income is comprised of the recognition of income related to reduced earnout payments expected to be incurred for the acquisition of Clenera for early stage projects, and to other income recognized in relation to tax credits for projects in the United States.

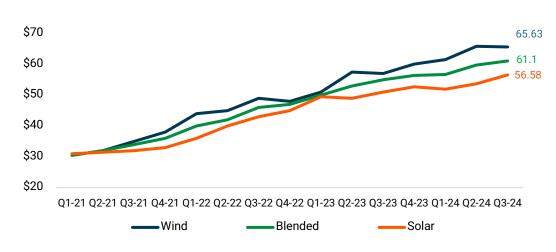


23



Promising business environment for Enlight Increased demand coupled with shortage of projects pushing PPA pricing higher

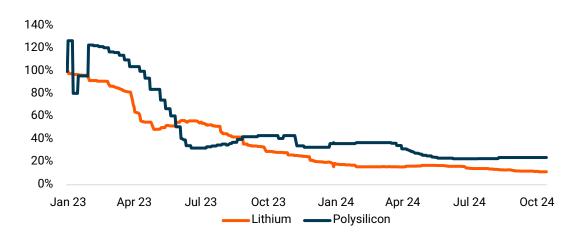
Supply and demand imbalance pushing PPA pricing higher ...



- ✓ U.S. demand for power increasing
- Scarcity of projects driving PPA pricing higher, up 7.5% YTD
- Enlight raised prices +25% on 1.8 GW of signed PPAs during past two years

PPA prices remain high despite lower equipment costs

... Equipment prices remain favourable

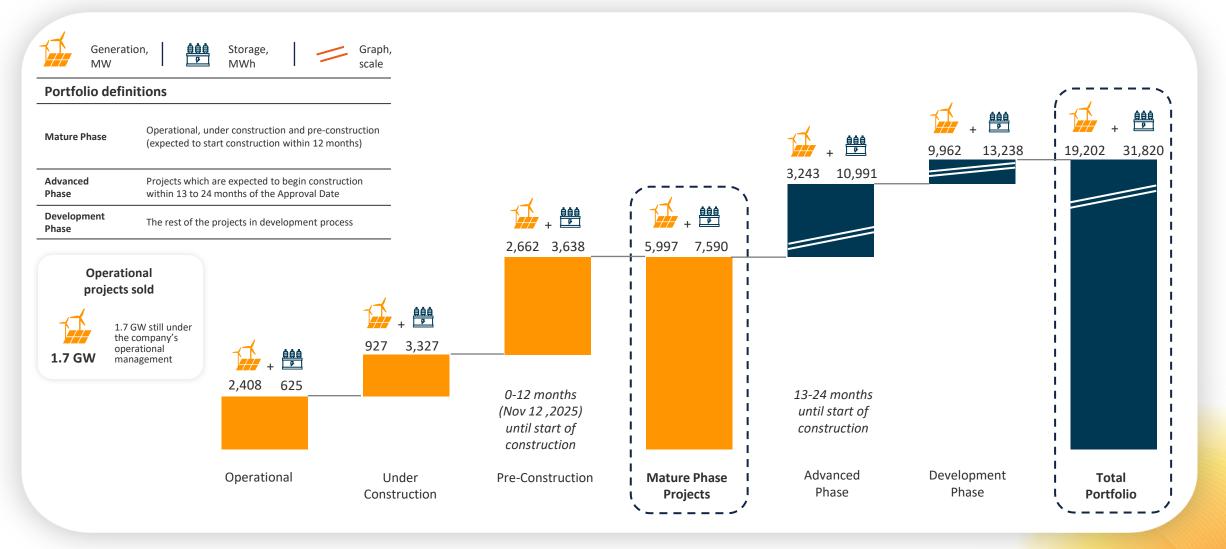


- Underlying equipment costs continue to remain low
 - U.S. panel prices now in 30-cent range post impact of latest AD/CVD developments
 - U.S. battery prices in the \$160 per kWh range, 30% lower than at the start of 2023

Low equipment costs driving unlevered returns higher

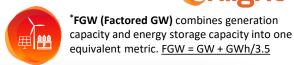


Portfolio snapshot





Mature phase portfolio: 8.2 FGW operational by 2027



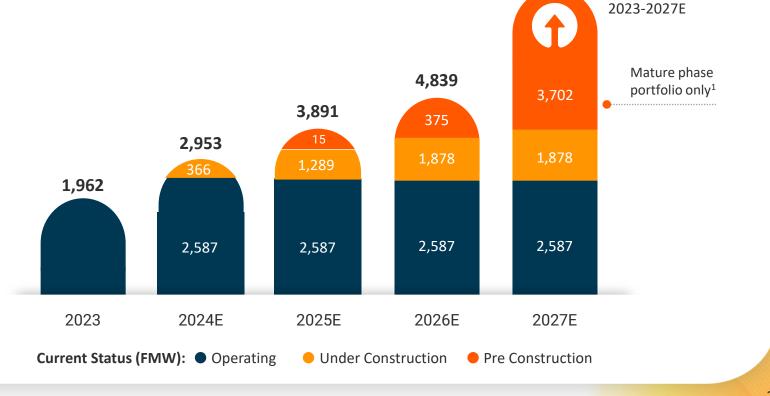
CAGR + 43%

8,166

Massive growth in the coming years: operational capacity expected to triple to 8.2 FGW (6 GW and 7.6 GWh) by the end of 2027

Major Expected CODs

| 2025 | Roadrunner & Quail Ranch (418 MW, 1.3 GWh) |
|------|---|
| 2026 | Gecama & Country Acres (0.6 GW, 0.9 GWh) |
| 2027 | Snowflake & CO Bar (1.8 GW, 2.7 GWh) |

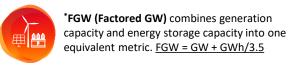


¹ We expect additional projects currently grouped in the Advanced Development portfolio to reach COD by 2027, however these are not included in these forecasts.



Increasing 2024 Guidance

Revenues of \$355m-\$370m and Adjusted EBITDA¹ of \$255m-\$270m



Raising guidance ranges

Revenues: \$355-\$370m up from \$345m-\$360m

Adjusted EBITDA1: \$255m-\$270m

up from \$245-\$260m

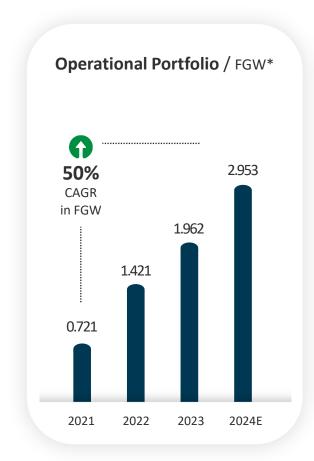
Key Assumptions

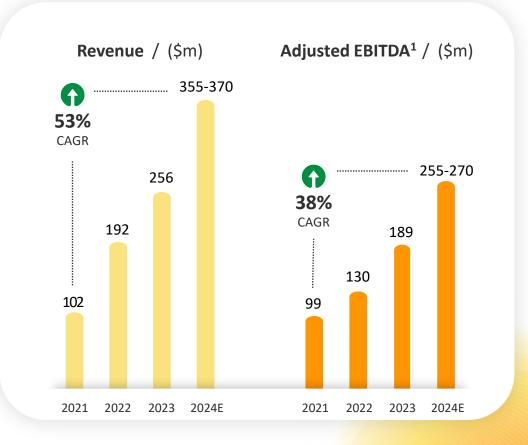
90% of generation sold at fixed prices through hedges or PPAs

FX assumptions of 3.8 for USD/ILS and 1.05 for EUR/USD

Forecasted Revenues: 40% in ILS; 55%

in EUR and 5% in USD









Unique position: near-term pipeline & interconnect advantage represent "missing link"

Transmission infrastructure is the principal constraint for renewable energy today



Mature Phase Projects

3.7 **GW**

100% of U.S Mature Phase



Advanced Phase

3 GW

100% of U.S Advanced Phase



Development Phase

3.6 **GW**

52% of U.S Development Phase



= 10.3 GW

System Impact Study
Completed

74% of total portfolio in the United States

Thank You

