

# Norsk Solar – Investor Presentation

March 2021

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## Important information and disclaimer (2/2)

#### Risk factors

An investment in the Company involves a high level of risk. Several factors could cause the actual results, performance or achievements of the Company to be materially different from any future results, performance or achievements that may be expressed or implied by statements and information in this Presentation. Should one or more of these risks or uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from those described in this Presentation. Potential investors are expected to perform their own due diligence review of the Company.

#### Distribution and selling restrictions

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The Company's shares have not been and will not be registered under the U.S. Securities Act, or with any securities regulatory authority of any state or other jurisdiction in the United States, and may not be offered, sold, resold, pledged, delivered, distributed or transferred, directly or indirectly, into or within the United States, absent registration under the U.S. Securities Act or under an exemption from, or in a transaction not subject to, the registration requirements of the U.S. Securities Act or in compliance with any applicable securities laws of any state or jurisdiction of the United States. Accordingly, any offer or sale of securities will only be offered or sold (i) within the United States or to U.S. Persons, only to qualified institutional buyers as defined under Rule 144A under the Securities Act ("QIBs") in offering transactions not involving a public offering as well as to major U.S. institutional investors under SEC Rule 15a-6 to the United States Exchange Act of 1934, and (ii) outside the United States in offshore transactions in accordance with Regulation S. Any purchaser of securities in the United States, or to or for the account of U.S. Persons, will be deemed to have been made certain representations and acknowledgements, including without limitation that the purchaser is a QIB.

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Any disputes arising out of or in connection with this document shall be subject to Norwegian law and the exclusive jurisdiction of the Norwegian Courts.

## Risk factors (1/7)



Investing in the Company's shares (the "Shares") involves inherent risks. Before making an investment decision, investors should carefully consider the risk factors and all information contained in this Presentation. The risks and uncertainties described herein are the principal known risks and uncertainties faced by the Group as of the date hereof that the Company believes are the material risks relevant to an investment in the Shares. An investment in the Shares is suitable only for investors who understand the risks associated with this type of investment and who can afford a loss of all or part of their investment. The absence of a negative past experience associated with a given risk factor does not mean that the risks and uncertainties described herein should not be considered prior to making an investment decision.

If any of the risks were to materialize, individually or together with other circumstances, it could have a material and adverse effect on the Group and/or its business, financial condition, results of operations, cash flow and/or prospects, which may cause a decline in the value of the Shares that could result in a loss of all or part of any investment in the Shares. The risks and uncertainties described below are not the only risks the Group may face. Additional risks and uncertainties that the Company currently believes are immaterial, or that are currently not known to the Company, may also have a material adverse effect on the Group's business, financial condition, results of operations and cash flow.

Shareholders and prospective investors are cautioned not to place undue reliance on the Company's forward-looking statements and information. By its nature, forward-looking statements and information involve numerous assumptions, known and unknown risk and uncertainties, of both a general and specific nature, that could cause actual results to differ materially from those suggested by the forward-looking information or contribute to the possibility that predictions, forecasts or projections will prove to be materially inaccurate.

The risk factors described below are sorted into a limited number of categories, where the Company has sought to place each individual risk factor in the most appropriate category based on the nature of the risk it represents. The order in which the risks are presented below is not intended to provide an indication of the likelihood of their occurrence nor of their severity or significance. The risks mentioned herein could materialise individually or cumulatively.

#### 1. RISKS RELATED TO THE GROUP AND THE INDUSTRY IN WHICH THE GROUP OPERATES

## 1.1 The reduction, modification or elimination of government subsidies and economic incentives may reduce the economic benefits of existing solar parks and the opportunities to develop or acquire suitable new solar parks

The availability of government subsidies and incentives largely depends on political and policy developments relating to environmental concerns in a given country. Changes in policies could lead to a significant reduction in or a discontinuation of the support for renewable energies in such country, which could in turn have a material adverse effect on the Group's business, financial condition, results of operations and prospects.

### 1.2 The renewable sector is still under development

The solar energy markets generally experience frequent changes and developments in technology and business models. Failure or inability by the Group to respond to such changes and innovations may render the Group's operations non-competitive and may have a negative effect on the Group's result of operation, financial condition and future prospects. Furthermore, efforts to respond to technological innovations may require significant financial investments and resources which may in turn have an adverse effect on the Group's financial results.

### 1.3 Risks related to renewable energy projects

Development, acquisition, operation and maintenance of renewable energy projects and related infrastructure expose the Company to numerous risks, including construction, environmental, regulatory, permitting, commissioning, start-up, operating, economic, commercial, political and financial risks. This will involve risks of failure to obtain or substantial delays in obtaining: (i) regulatory, environmental or other approvals or permits; (ii) financing; (iii) leasing; and (iv) suitable equipment supply, operating and off-take contracts. Moreover, renewable energy assets are subject to energy regulation and require governmental licenses and approval for their operation. The failure to obtain, maintain or comply with the licenses and approvals relating to the Company's assets and the resulting costs, fines and penalties, could materially and adversely affect the Company's ability to operate the assets. Renewable energy projects also require significant expenditure before the assets begin to generate income and often require long-term investment to enable projects to generate expected levels of income.

## Risk factors (2/7)



### 1.4 Risks relating to PV plants quality or PV plants performance

Insufficient quality of installed solar modules and other equipment resulting in faster than estimated degradation, may lead to lower revenues and higher maintenance costs, particularly if the product guarantees have expired or the supplier is unable or unwilling to respect its obligations. Even well maintained high quality PV solar power plants may from time to time experience technical breakdown. Furthermore, widespread PV plant failures may damage the Company's market reputation, reduce its market share and cause a decline of construction projects. Although a defect in the Company's PV plants may be caused by defects in products delivered by the Company's sub-suppliers which are incorporated into the Company's PV plants, there can be no assurance that the Company will be entitled to or successful in claiming reimbursement, repair, replacement or damages from its sub-suppliers relating to such defects.

### 1.5 Risks related to power purchase agreements

Companies engaging in renewable energy projects will often enter into power purchase agreements ("PPAs") for electricity offtake. Payments by power purchasers to such projects pursuant to their respective PPAs may provide the majority of such companies' or projects' cash flows. There can be no assurance that any or all of the power purchasers will fulfil their obligations under their PPAs or that a power purchaser will not become bankrupt or that upon any such bankruptcy its obligations under its respective PPA will not be rejected by a bankruptcy trustee. There are additional risks relating to the PPAs, including the occurrence of events beyond the control of a power purchaser that may excuse it from its obligation to accept and pay for delivery of energy generated by the project company's plant. The failure of a power purchaser to fulfil its obligations under any PPA or the termination of any PPA may have a material adverse effect on the respective project company.

### 1.6 The Group is subject to market risk

The profitability of the Group will largely depend on the volume and prices of the electricity produced by the solar installations as well as government fiscal schemes. Electricity prices are inter alia dependent on substitute or adjacent commodity prices such as e.g. other renewable and fossil energy prices, but also dependent on meteorological conditions, CO2 pricing and other supply and demand factors going into the clearing of the market price of electricity. Low prices on the electricity produced could have a material adverse effect on the Group.

### 1.7 Risks relating to the seasonality of the Group's operations

The energy production industry is subject to seasonal variations as well as other significant events. For instance, the amount of electricity and revenues generated by the Group's solar generation facilities is dependent in part on the amount of sunlight, or irradiation, where the assets are located. Due to shorter daylight hours in winter months which results in less irradiation, the generation produced by these facilities will vary depending on the season. The seasonality of the Group's energy production may create increased demands on liquidity during periods when cash generated from operating activities are lower and the Group may also require additional equity or debt financing to maintain its solvency, which may not be available when required or available on commercially favourable terms. Thus, there is a risk that the Group can struggle to maintain sufficient financial liquidity to absorb the impact of seasonal variations in energy productions and other significant events and seasonal variations may materially adversely affect the Group's business, results of operations, cash flows and financial conditions.

### 1.8 The Group may not be able to successfully implement its strategies

Achieving the Group's objectives involves inherent costs and uncertainties. There is no assurance that the Group will be able to achieve its objectives within the expected time-frame or at all, that the costs related to any of the Group's objectives will be at expected levels or that the benefits of its objectives will be achieved within the expected timeframe or at all. The Group's strategies may also be affected by factors beyond its control, such as volatility in the world economy and in its markets, the capital expenditure and investment by customers and the availability of acquisition opportunities in a market. Any failures, material delays or unexpected costs related to the implementation of the Group's strategies could have a material adverse effect on the Group's business, results of operations, cash flows, financial condition and/or prospects.

### 1.9 The markets in which the Group operates are highly competitive

The Group operates in a highly competitive and rapidly changing global market place. The Group's success depends on numerous factors, including its ability to generate sufficient amounts of power to meet customer demand and to undertake engineering, procurement and construction (EPC) projects and its ability to identify and develop market opportunities. The market in which the Group operates may be exposed to rapid technological changes, and new players and competitors may enter the market and could offer services that are similar to those offered by the Group. Should the Group be unable to compete successfully, the Group could lose market share and customers to competitors, which could adversely affect the Group's business, results of operations, financial condition, cash flows and/or prospects.

## Risk factors (3/7)



#### 1.10 Failure in the Group's information technology systems may have an adverse impact on its operations

The Group, as many other businesses, relies on IT systems and is exposed to the risk of failure or inadequacy in these systems, related processes and/or interfaces. The Group's ability to conduct business may be adversely impacted by a disruption in the infrastructure that supports the business of the Group. Any failure, inadequacy, interruption or security failure of those systems, or the failure to seamlessly maintain, upgrade or introduce new systems, could harm the Group's ability to effectively operate its business and increase its expenses and harm its reputation. These risks may in turn have a material adverse effect on the Group's business, financial condition, results of operations and/or prospects.

#### 1.11 Risks related to the COVID-19 outbreak

The outbreak of the coronavirus (COVID-19) may have material adverse effects on the Group. The coronavirus may affect the overall performance of the Group, including the Group's ability to develop its services and implement its business plan, and may result in delays, additional costs and liabilities, which in turn could have a material adverse effect on the Group's results, financial condition, cash flows and prospects.

### 1.12 The Group may not be successful in attracting and retaining sufficient skilled employees

The Group's operations depends highly on its ability to retain or replace its founders, management and certain highly qualified professionals. The Group believes that there are shortage of, and intense competition for, relevant management personnel and highly qualified professionals with experience and relevant skill sets within the sustainable energy production industry. Retaining the founders and management is vital due to their extensive experience and skill sets within the sustainable energy production industry, which is required to support and develop the Group's projects. If the Group is unable to retain or replace its founders, management, certain highly qualified information technology professionals and/or presidents of sales, it will be difficult for the Group to achieve desired profitable growth, evolving industry standards and changing customer preferences and/or to maintain and renew existing customer relationships, which could have a material adverse effect on the Group's business, financial condition, results of operations, cash flows and/or prospects.

### 1.13 Risks related to third parties

The Group is dependent on partners, suppliers, and other third parties in order to successfully conduct its operations. If the supply of products and services is delayed provided by such partners, suppliers, and other third parties are not given priority or does not meet the required quality, this could have a material adverse effect on the Group's results, financial condition, cash flows and prospects. There can be no assurance that any or all of the Company's sub-suppliers whom have provided products and services to the Company will fulfil their guarantee obligations for the whole life of the project, or that a sub-supplier will not become bankrupt or that upon any such bankruptcy its obligations under its respective agreement with the Company will not be rejected by a bankruptcy trustee.

Further, there can be no assurance that the Group will able to enter into satisfactory agreements or relationships with third party providers in the future, which in each case could have a material adverse effect on the Group's results, financial condition, cash flows and prospects.

### 1.14 Risks relating to acquisitions

The Company may consider making strategic acquisitions to support growth and profitability. Successful growth through acquisitions is dependent upon i.e. the Company's ability to identify suitable acquisition targets, conduct appropriate due diligence, negotiate transactions on favourable terms, obtain required licenses and authorisations and successfully integrate acquired entities. The integration of acquired businesses may require management effort, time and resources, which could divert management's focus from other strategic opportunities and operational matters. There can be no assurance that the Company will be able to successfully integrate any businesses acquired, or otherwise realise anticipated benefits of any acquisition made.

#### 1.15 Natural disaster risk

Natural disasters such as floods, landslides, earthquakes, hurricanes, forest fires, volcanic eruptions and other geo hazards must be taken into account when evaluating the risks related to operating renewable energy assets. Other severe weather phenomena such as strong wind, hail storms, snow and lightening may also disrupt the functionality of components or even cause damage. Such weather and other natural disasters may increase operating costs as well as reduce revenues. Even in a stable climate, the weather varies from year to year, and hence the production of energy from the renewable energy assets may vary. This may influence the periodic revenues, and hence the results of operation and cash flows of the Group.

## Risk factors (4/7)



#### 2. RISKS RELATED TO THE SHARES AND THE ADMISSION

#### 2.1 An active trading market for the Company's Shares may not develop

The Shares have not previously been tradable on any stock exchange, regulated marketplace, multilateral trading facility or other marketplace. No assurance can be given that an active trading market for the Shares will develop on Euronext Growth Oslo, nor sustain if an active trading market is developed. The market value of the Shares could be substantially affected by the extent to which a secondary market develops for the Shares following completion of the Admission.

### 2.2 The Company will incur increased costs as a result of being listed on Euronext Growth Oslo

As a company with its shares listed on Euronext Growth Oslo, the Company will be required to comply with the reporting and disclosure requirements that apply to companies listed on Euronext Growth Oslo. The Company will incur additional legal, accounting and other expenses in order to ensure compliance with the aforementioned requirements and other rules and regulations. The Company anticipates that its incremental general and administrative expenses as a company with its shares listed on Euronext Growth Oslo will include, among other things, costs associated with annual reports to shareholders' meetings and investor relations. In addition, the Board of Directors of the Company and Management may be required to devote significant time and effort to ensure compliance with applicable rules and regulations for companies with shares listed on Euronext Growth Oslo, which may entail that less time and effort can be devoted to other aspects of the business.

### 2.3 The price of the Shares may fluctuate significantly

The trading volume and price of the Shares could fluctuate significantly. Some of the factors that could negatively affect the Share price or result in fluctuations in the price or trading volume of the Shares include, for example, changes in the Company's actual or projected results of operations or those of its competitors, changes in earnings projections or failure to meet investors' and analysts' earnings expectations, investors' evaluations of the success and effects of the Company's strategy, as well as the evaluation of the related risks, changes in general economic conditions or the equities markets generally, changes in the industries in which the Company operates, changes in shareholders and other factors. This volatility has had a significant impact on the market price of securities issued by many companies. Those changes may occur without regard to the operating performance of these companies. The price of the Shares may therefore fluctuate due to factors that have little or nothing to do with the Company, and such fluctuations may materially affect the price of the Shares. Further, major sales of shares by major shareholders could also negatively affect the market price of the Shares.

### 2.4 Future issuances of Shares or other securities could dilute the holdings of shareholders and could materially affect the price of the Shares

The Company may in the future decide to offer and issue new Shares or other securities in order to finance new capital intensive projects, in connection with unanticipated liabilities or expenses or for any other purposes. Depending on the structure of any future offering, certain existing shareholders may not have the ability to purchase additional equity securities. An issuance of additional equity securities or securities with rights to convert into equity could reduce the market price of the Shares and would dilute the economic and voting rights of the existing shareholders if made without granting subscription rights to existing shareholders. Accordingly, the Company's shareholders bear the risk of any future offerings reducing the market price of the Shares and/or diluting their shareholdings in the Company.

### 2.5 Norwegian law could limit shareholders' ability to bring an action against the Company

The rights of holders of the Shares are governed by Norwegian law and by the Company's articles of association. These rights may differ from the rights of shareholders in other jurisdictions. In particular, Norwegian law limits the circumstances under which shareholders of Norwegian companies may bring derivative actions. For example, under Norwegian law, any action brought by the Company in respect of wrongful acts committed against the Company will be prioritized over actions brought by shareholders claiming compensation in respect of such acts. In addition, it could be difficult to prevail in a claim against the Company under, or to enforce liabilities predicated upon, securities laws in other jurisdictions.

### 2.6 Investors could be unable to exercise their voting rights for the Shares registered in a nominee account

Beneficial owners of the Shares that are registered in a nominee account (such as through brokers, dealers or other third parties) could be unable to vote for such Shares unless their ownership is re-registered in their names with the VPS prior to any General Meeting. There is no assurance that beneficial owners of the Shares will receive the notice of any General Meeting in time to instruct their nominees to either effect a re-registration of their Shares or otherwise vote for their Shares in the manner desired by such beneficial owners.

## Risk factors (5/7)



#### 2.7 Pre-emptive rights to subscribe for Shares in additional issuances could be unavailable to U.S. or other shareholders

Under Norwegian law, unless otherwise resolved at the Company's general meeting of shareholders, existing shareholders have pre-emptive rights to participate on the basis of their existing ownership of Shares in the issuance of any new Shares for cash consideration. Shareholders in the United States, however, could be unable to exercise any such rights to subscribe for new Shares unless a registration statement under the U.S. Securities Act is in effect in respect of such rights and Shares or an exemption from the registration requirements under the U.S. Securities Act is available. Shareholders in other jurisdictions outside Norway could be similarly affected if the rights and the new Shares being offered have not been registered with, or approved by, the relevant authorities in such jurisdiction.

The Company is under no obligation to file a registration statement under the U.S. Securities Act or seek similar approvals under the laws of any other jurisdiction outside Norway in respect of any such rights and Shares. Doing so in the future could be impractical and costly. To the extent that the Company's shareholders are not able to exercise their rights to subscribe for new Shares, their proportional interests in the Company will be diluted.

### 3. RISKS RELATED TO LAWS, REGULATIONS AND LITIGATION

### 3.1 The Group is subject to laws and regulations in several jurisdictions, including governmental export and import controls

The Group is subject to laws and regulations in multiple jurisdictions as it operates in multiple countries. The Group's international operations are subject to a number of risks, including (i) multiple regulatory regimes, (ii) potential imposition by governments of controls that prevent or restrict the transfer of funds, (iii) regulatory limitations imposed by foreign governments and unexpected changes in regulatory requirements, tariffs, customs duties, tax laws and other trade barriers, (iv) difficulties in staffing and managing foreign operations, (v) laws and business practices favouring local competition and potential preferences for local content, (vi) potentially adverse tax consequences, (vii) difficulties in protecting or enforcing intellectual property rights in certain foreign countries, (viii) fluctuations in exchange rates, (ix) the difficulties and increased expense in complying with multiple and potentially conflicting domestic and foreign laws, regulations and trade standards, (x) political or social unrest, (xi) economic instability, conflict or war in a specific country or region, which could have an adverse impact on, among other things, the Group's ability to hire competent employees, if necessary, (xii) protests by non-governmental organisations, and (xiii) national or international trade sanctions and restrictions. If the Group fails to overcome the challenges that it encounters in its international operations, the Group's business, results of operations, financial position, cash flows and/or prospects could be materially, adversely affected.

## 3.2 Changes in tax laws of any jurisdiction in which the Group operates, and/or any failure to comply with applicable tax legislation may have a material adverse effect for the Group

The Group is and will be subject to prevailing tax legislation, treaties and regulations in the jurisdictions in which it operates, and the interpretation and enforcement thereof. The Group's income tax expenses are based upon its interpretation of the tax laws in effect at the time that the expense is incurred. If applicable laws, treaties or regulations change, or if the Group's interpretation of the tax laws is at variance with the interpretation of the same tax laws by tax authorities, this could have a material adverse effect on the Group's business, results of operations or financial condition. If any tax authority successfully challenges the Group's operational structure, pricing policies or if taxing authorities do not agree with the Group's assessment of the effects of applicable laws, treaties and regulations, or the Group loses a material tax dispute in any country, or any tax challenge of the Group's tax payments is successful, the Group's effective tax rate on its earnings could increase substantially and the Group's business, earnings and cash flows from operations and financial condition could be materially and adversely affected.

### 3.3 The Group faces the risk of litigation or other proceedings in relation to its business

The Group may in the future be involved from time to time in litigation and disputes in various jurisdictions. The operating hazards inherent in the Group's business may expose the Group to, amongst other things, litigation, including personal injury litigation, intellectual property litigation, contractual litigation, environmental litigation, tax or securities litigation, as well as other litigation that arises in the ordinary course of business. In particular, the Group may become exposed to claims for costs, losses and damages incurred by a purchaser, distributor and their respective end customers under vendor agreements and distribution agreements. No assurance can be given that the Group is not exposed to claims, litigation and compliance risks, which could expose the Group to losses and liabilities. Such claims, disputes and proceedings are subject to uncertainty, and their outcomes are often difficult to predict. Adverse regulatory action or judgment in litigation could result in sanctions of various types for the Group, including, but not limited to, the payment of fines, damages or other amounts, the invalidation of contracts, restrictions or limitations on the Group's operations, any of which could have a material adverse effect on the Group's business, financial condition, results of operations and/or prospects.

## Risk factors (6/7)



#### 3.4 Environmental risks and changes in legislation

While the Company intends to ensure that all assets meet or exceed all relevant compliance standards for renewable energy projects in their respective jurisdictions, particular projects may be subject to detailed legislative and other requirements relating to environmental matters which may be unpredictable, such as liability/costs relating to the presence of hazardous materials. Changes in legislation and environmental laws or in the environmental condition of an asset may create liabilities that did not exist at the time of its acquisition and that could not have been foreseen. The Company also cannot predict whether specific activities of an asset company or project may cause unexpected damage to the environment. Further to this, the legislative framework for environmental liability may not been fully developed in the respective region of the asset location and the extent of the responsibility, if any, for the costs of abating environmental hazards may be unclear at the time of evaluating specific prospective assets to be acquired by the Company. The Company may be exposed to substantial risk of loss from environmental claims arising in respect of its investments and may experience material losses due to these risks. Furthermore, changes in legal, tax and regulatory regimes within the jurisdictions in which the Company operates may rapidly occur which may result in, among others, increased costs and liability which may have an adverse effect on the Company's operations and financial condition.

The operation of renewable energy assets may also include, from time to time, exchange of information with relevant authorities and counterparties. Such exchange and verification of documents may take some time, which might affect the Company's ability to execute its operations without delay.

#### 3.5 Compliance risk

The Company has projects in risk intense jurisdictions involving cooperation and interactions with various third parties and local public authorities. This poses a risk of corruption or other non-compliant processes with laws and regulations, internal policies or prescribed best practices, which may lead to legal penalties, financial forfeiture and potentially material loss to the Company. It may also be a risk that projects acquired by the Company have been developed in non-transparent or non-compliant manners prior to the acquisition. The compliance risk may also have the effect that non-compliant competitors have an easier access to projects.

#### 4. FINANCING AND MARKET RISKS

#### 4.1 The Group is exposed to risk related to the availability of financial funding

To the extent the Company does not generate sufficient cash from operations, the Company may need to raise additional funds through public or private debt or equity financing to execute the Company's strategy and to fund capital expenditures. Adequate sources of capital funding might not be available when needed or may only be available on unfavorable terms. If funding is insufficient at any time in the future, the Company may be unable to, inter alia, fund acquisitions, take advantage of business opportunities or respond to competitive pressures, any of which could adversely impact the Company's financial condition and results of operations.

### 4.2 The Group is exposed to the risk that counterparties are unable to fulfil their obligations

The ability of each counterparty to perform its obligations under a contract with the Group will depend on a number of factors that are beyond the Group's control including, for example, factors such as:

- · general economic conditions;
- the condition of the industry to which the counterparty is exposed; and
- the overall financial condition of the counterparty

Although the Group will take reasonable steps to conduct adequate due diligence in respect of contractual counterparties, such counterparties may fail to honor its obligations under its agreements with the Group. Such contractual default could impair the Group's liquidity and cause significant losses, which in turn could have a material adverse effect on the Group's business, result of operations, cash flows, financial condition and/or prospects.

### 4.3 Future debt arrangements could limit the Group's liquidity and flexibility

Any future debt arrangements could limit the Group's liquidity and flexibility in obtaining additional financing and/or in pursuing other business opportunities. Further, the Group's future ability to obtain bank financing or to access the capital markets for any future debt or equity offerings may be limited by the Group's financial condition at the time of such financing or offering, as well as by adverse market conditions related to, for example, general economic conditions and contingencies and uncertainties that are beyond the Group's control. Failure by the Group to obtain funds for future capital expenditures could impact the Group's results, financial condition, cash flows and prospects.

## Risk factors (7/7)



#### 4.4 The Group is exposed to risks relating to volatile, negative or uncertain economic or political conditions

Global macroeconomic conditions, including but not limited to the ongoing Covid-19 pandemic (as described above) could adversely affect the Group's business. The prospects for global economic growth remain uncertain and this may impact political stability and decision making, availability of credit and terms thereof, liquidity more generally, interest rates and exchange rates, which in turn could have a material adverse effect on the Group. In addition, volatility in the global economy may have an adverse impact on the demand for power in general, the demand for renewable energy and the speed of transition from fossil energy to renewable energy. Without a stable and/or growing global economy, the business of the Group may therefore be adversely affected.

### 4.5 The Group is exposed to foreign currency exchange risk

Because parts of the Group's business is conducted in currencies other than its functional reporting currency (NOK) and a substantial part of the Group's annual recurring revenue (ARR) is in contracts denominated in foreign currency, the Group will be exposed to volatility associated with foreign currency exchange rates. The Group is invoiced in other currencies than its functional currency, thus resulting in currency exposure from both a customer and supplier position.

## **Transaction highlights**



#### Issuer

Norsk Solar AS (org. no: 819 113 912)

## Pre-money market capitalization

NOK 600.8 million (based on 63,241,150 shares outstanding prior to completion of the Private Placement and the Offer Price of NOK 9.50 per share)

## Share capital and fully diluted shares

- 63,241,150 shares outstanding (each with a par value of NOK 0.01)
- In addition to the shares outstanding, 549,952 options have been issued with a strike price per share of NOK 5.455
- The Company's board of directors (the "Board") has been authorised by the extraordinary general meeting held on 19 February 2021 to issue up to 1,466,600 new shares in the Company to employees, directors and other key personnel

### Offering size

Private Placement of between 10,526,316-13,157,895 Offer Shares to raise gross proceeds between NOK 100-125 million

### Offering price

NOK 9.50 per Offer Share

### Lock-up\*

- Company, board, executive management and Valinor AS: 12 months
- Aega ASA: 6 months

## **Use of proceeds**

 Investments in power producing assets, development of new power production projects, working capital and general corporate purposes

### Listing

Norsk Solar AS has applied for admission to trading of its shares on Euronext Growth Oslo

### **Managers**

 SpareBank 1 Markets AS as Global Coordinator and Joint Bookrunner, Fearnley Securities AS as Joint Bookrunner and SpareBank 1 SR-Bank ASA, Markets as Manager

## **Presenting team**





**Øyvind L. Vesterdal** 

**CEO** 





Helga Cotgrove

**CFO** 





Filippo Comelli

EVP Project Development and Project Finance



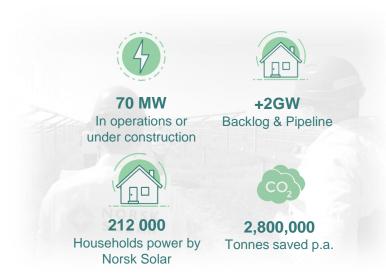
## Norsk Solar – At a glance

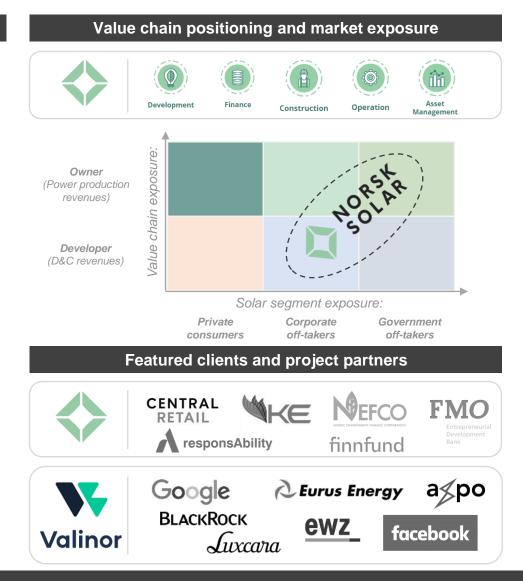


Vertically integrated, IPP for corporate and utility-scale off-takers in emerging markets with proven track record

### **About Norsk Solar**

- Fast-growing integrated solar energy company based in Stavanger and Oslo, Norway
- Established in 2017 by Valinor AS (formerly Norsk Vind AS) and a group of entrepreneurs
- Solar project developer with a long-term Build-Own-Operate (BOO) strategy for corporate and utility-scale off-takers
- Focus on emerging markets maximizing impact on sustainability and economic growth
- Norsk Solar and Valinor represent Norway's largest privately-held renewable energy group (900 MWp of commissioned projects)





## **Investment highlights**



1

## Vertically integrated IPP for corporate and utility-scale off-takers in emerging markets

Norsk solar develops solar assets with a long-term Build-Own-Operate (BOO) strategy

2

## Experienced team with a strong track record – ready for scale up

- High quality asset in operation and under construction (70 MW)
- Significant team track record, ~ 5 GW of solar projects developed



NORSK

## Unique position for developing solar projects towards the C&I market

Attractive market exposure to two solar segments; Utility and C&I (Fastest growing segment)

4

## Multiple sources of revenue and value creation from being an integrated player

- Attractive returns from D&C (10-20%) and stable cash flow from producing assets (target equity IRR 12-15%)
- Strategic control over the asset enhances yield compression opportunities

5

## Well positioned for accelerated growth - clear path towards NOK +3bn in revenue by 2025

Strong market fundamentals and a solid Backlog & Pipeline (+2GW) of projects will secure short- and long-term growth



## Vertically integrated, independent power producer (IPP)



Norsk Solar develops, finances, builds and owns solar projects for utility-scale and corporate off-takers in emerging markets



Original equipment manufacturer



Manufacturing



- PV equipment
- Chemical processing and assembly





Development



Finance



Construction





Operation





Management



- Project and manufacturing business case development
  - Site development, land & project rights, licenses & permits, grid connection
  - PPA negotiation



- Debt and equity financing
- Due diligence (technical, legal, integrity and financial)
- Financial modeling, costing and cash flow management



- Engineering, procurement. construction and installation
- Project management
- Quality assurance



- Operations and maintenance
- Maximize uptime and performance
- Asset integrity



- Power production
- Asset management
- Financial optimization

Norsk Solar is an experienced organization that secures value in all phases of a project and ensures sustainability alongside financially and technically viable projects. From origination and early-stage development, through structuring of financial, technical, legal and regulatory matters, Norsk Solar will secure construction and operation for solar PV projects that will benefit both local communities and secure growth for the organization



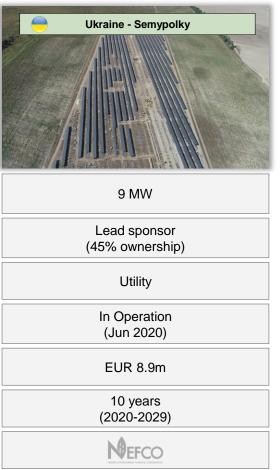
## High quality assets in operation and under construction

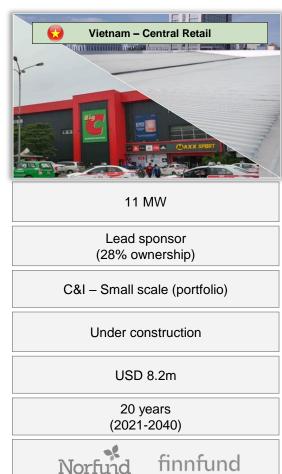


Strong and predictable cash flow from producing assets – can be reinvested as equity in new projects

Illustration	
Capacity	
Norsk Solar Role	
Segment	
Status	
Total CAPEX	
PPA duration	
Partners	

Pakistan - Gharo
50 MW
Co-sponsor (10% ownership)
C&I – Large scale
In Operation (Dec 2019)
USD 46.6m
25 years (2020-2044)
FMO Entrepreneural Development



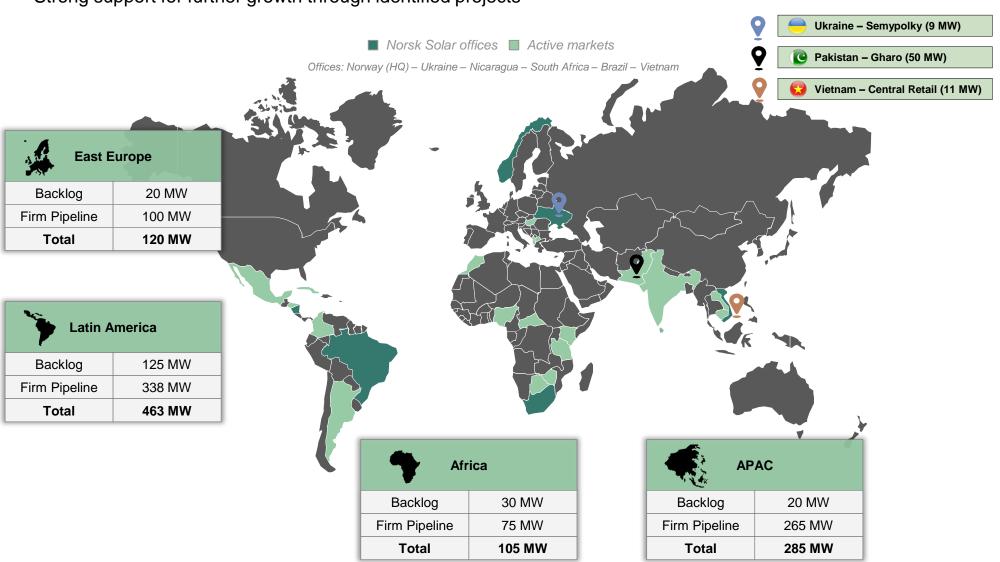




## Diversified portfolio of Solar PV assets



Strong support for further growth through identified projects





## Norsk Solar – strong team track record



~ 5 GW of solar projects developed, and +60 years combined experience from the solar industry

### Team track record<sup>1)</sup>

Global experience



 The Norsk Solar team has experience from developing solar projects in all regions of the world with focus on Emerging markets



~ 5 GW developed



 The Norsk Solar team has developed solar projects with combined capacity of approximately 5 GW



Background from leading companies



- Extensive experience from previous key roles in various IPPs and development companies
- 60 years combined experience from the solar industry











18



## Extended management team



Competent team with extensive experience - ready for the next growth phase for Norsk Solar



Øyvind L. Vesterdal, CEO

- +10 years experience with project and business management roles form large corporations and smaller ventures
- Co-founder and earlier CEO of Kolent AS
- MSc in Engineering from NTNU



Helga Cotgrove, CFO

- +20 years experience in various roles within M&A, strategy, tax, finance, accounting and audit
- State authorized public accountant in Norway, MBA in Management control from NHH



Trond Debes, EVP Legal and Compliance

- +15 years experience from primarily the financial service industry, including CCO and CD positions
- Masters' Degree in Law from the University of Bergen



Filippo Comelli, EVP Project
Development & Project Finance

- +10 years experience in the renewable energy sector, working with leading IPPs across Europe and Emerging markets
- MBA in Corporate Finance, MSc in Economics and Business Administration



Murshid M. Ali, EVP Technologies

- +10 years experience in management and entrepreneurship from the energy and finance industry
- Co-founder and earlier CEO of Huddlestock
- MSc in International Business, Phd Candidate in Economics



Petter S. Berge, EVP Strategy

- Seasoned entrepreneur with extensive experience from management consulting
- Previously held different C-level position within renewables, hospitality and technology
- MSc in Applied Economics and Finance from Copenhagen Business School



**Ove Sotberg, VP Operations** 

- +20 years of experience as engineering consultant, project manager and director in various companies
- Extensive experience working with renewable energy projects
- MSc in Engineering from NTNU



Rostyslav Pobidonosnyy, VP Engineering

- +15 years experience as quality and operation manger in several renewable energy companies
- Previous position held was EPC and O&M Manager in Voltalia for international projects



Charlotte Lapchin, VP Procurement

- Extensive experience from the renewable energy sector
- Previous position held was Contract and Procurement Manager at Scatec





Countries where Norsk Solar have stationed full time employees









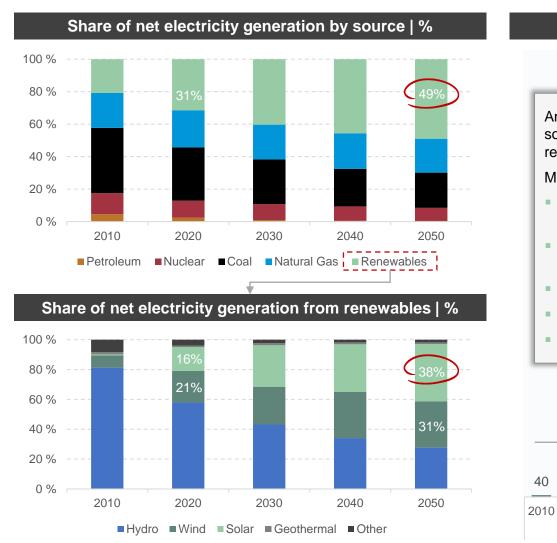


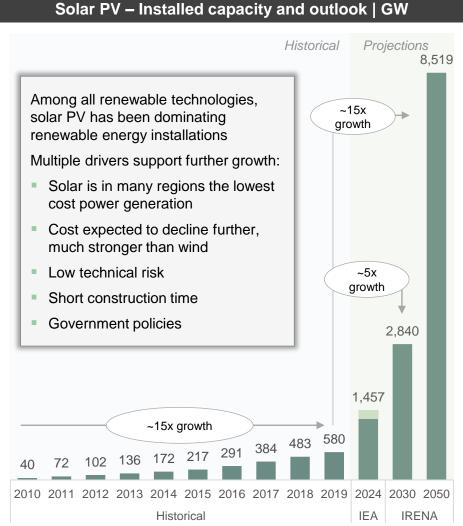


## The solar market is booming ~ 40% of the energy mix (2050)



Installed capacity of Solar PV is expected to grow 5X by 2030







## Attractive market exposure towards two solar segments

Relative low margins



Norsk Solar is well positioned in the "traditional" utility market in addition to the strong C&I market

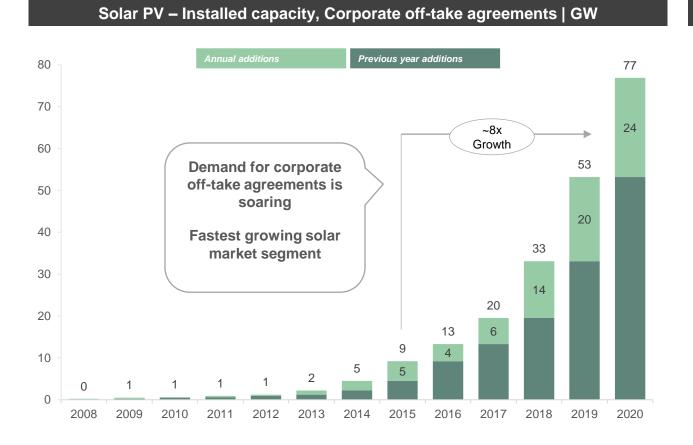
### The solar markets three main segments **Market characteristics Example players** Customer Smallest market – fewer projects over time Scatec Most complex Governmental / Long decision time **Utilities** Competitive NORSK SOLAR Increase use of auctions could lead to lower margins Consolidation due to need for size Fastest growing solar market Very fragmented on supplier side NORSK SOLAR C&I Few large providers (Commercial and Often local providers with limited financing capabilities Industrial) Regulations in most markets are improving (ownership etc.) BavWa r.e. Multinational companies require and wish for green energy Many suppliers, often local Very fragmented customer picture **Private and Retail** Demands significant marketing



## C&I offering differentiates Norsk Solar from other IPPs



Norsk Solar has extensive experience in the C&I market – well positioned to capitalize on the growing demand



### **Comments**

- Benefits with corporate off-take agreements for IPPs
  - Less bureaucracy (licenses, legal framework etc.)
  - Faster investment decision
- Challenges with corporate off-take agreements for IPPs
  - Bankability
  - Norsk Solar only develop projects with credit worthy corporations
  - Smaller scale / technical optimization
    - Norsk Solar seeks to bundle assets to a project portfolio to increase scale

Norsk Solar has extensive experience working together with corporate off-takers and will utilize this expertise going forward to secure new clients and partnerships

Source: BNEF 2020 22

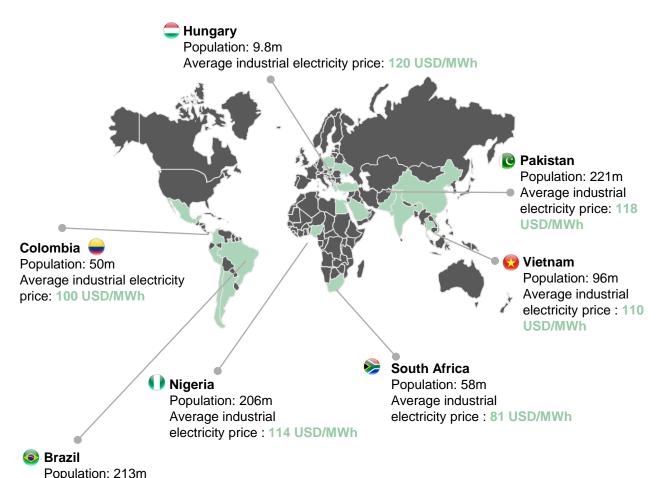


## Emerging markets has great advantage utilizing solar

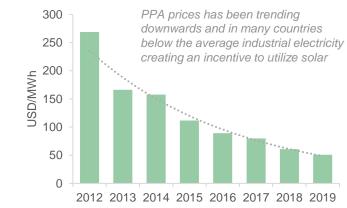


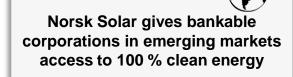
An underlying power need and low solar prices will lead to increased deployment of Solar PV in Emerging markets





### Average global auction prices, solar PV





(Previously not easily accessible for "non-fortune 500" corporations in emerging markets)

Average industrial electricity price: 168 USD/MWh



## Norsk Solar's C&I offering – attractive customer value proposition



Growth in the C&I market is driven by strong demand for clean energy and the strong benefits for IPPs and buyers

### Case study - Central Retail Vietnam



- Central Retail is the leading multi-format and multi-category retailing platform in Thailand
- Growing internationally, securing leadership status in Italy and becoming one of the leaders in Vietnam
- Operates 35 malls and more than 200 stores in 39 provinces in Vietnam
  - Revenue 2019: USD 6,751m
  - EBITDA 2019: USD 216m

### **Customer value proposition**



Significant savings on electricity bill / Manage long-term electricity cost



No capital investment for the client



Fast deployment create immediate customer savings



Lower carbon footprint and increase sustainability metrics



Norsk Solar unlocks the opportunity of its Clients to: "Be part of the change"



## Norsk Solar's edge to corporate off-take agreements



Access to financing, streamlined PPA structure, operation and onboarding - key factors for success and scalability

1 Access to large network for financing

- Access to unique financing ecosystem with FMO, responsAbility, CleanFund etc
- Co-investment JV established with Nordic development finance institution, currently at NOK 150m, potential to grow to NOK +1,000m
- Streamlined financing, both debt and equity

Streamlined
PPA structure and operations

- Streamlined PPA process and structure
- Accepted by banks, customers and suppliers
- Streamlined Operations (Contracts etc.)

Streamlined customer onboarding and lead generation

- Focus on digital platform for efficient onboarding and automatic calculations
- Inbound leads automatically processed
- "Norsk Solar" franchise / partner model





## Digitalizing customer acquisition and onboarding



Scalable structuring of medium size corporate off-takers – ready for launch H2-'21



Strong scalability - Digital customer acquisition and onboarding



- Enabled through streamlined process
- Technology increases the gap between Norsk Solar and local competition



Technical solution scheduled in H2 2021



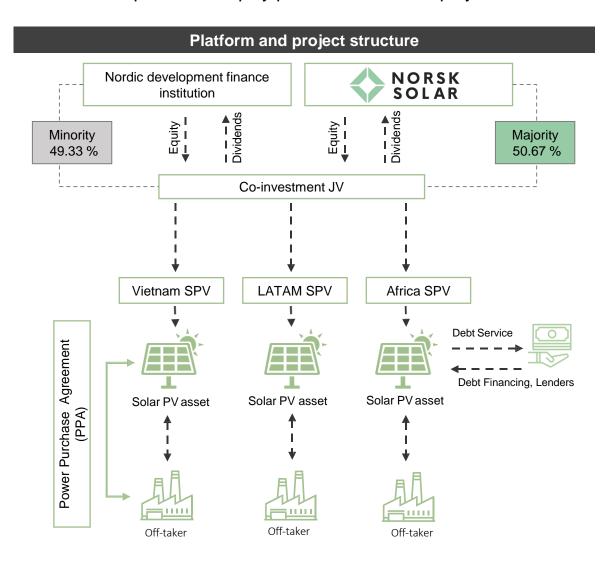
Selected markets



## Equity platform for solar projects across emerging markets



World first specialized equity platform towards deployment of MWs targeting Corporate off-takers



### **Unique Nordic partnership**



 First specialized Nordic Impact platform focused on the deployment of MWs targeting Corporate offtakers in emerging markets

### Competitiveness



 A strong shareholding allows the Platform/JV to achieve best in class financing

## Scalability #



- Allows for fast deployment, less time to FC etc.
- Initial target of NOK 150m, potential to grow to NOK +1,000m

### Value added to SDGs by the platform:











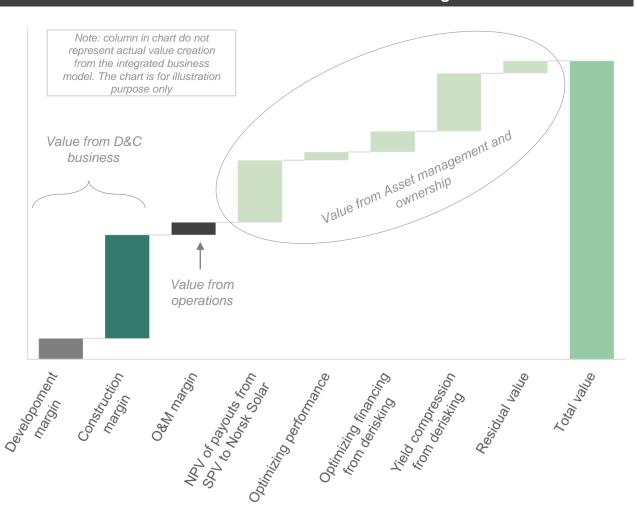


## Strong value creation from being an integrated player



As a fast growing company, significant value will come from Norsk Solar's D&C business

### Illustration of total value created from Norsk Solar's integrated business model





The BOO model creates significant value through its different revenue streams



Cash flow from D&C can be reinvested in new projects (as equity) and spur Norsk Solar's growth capacity



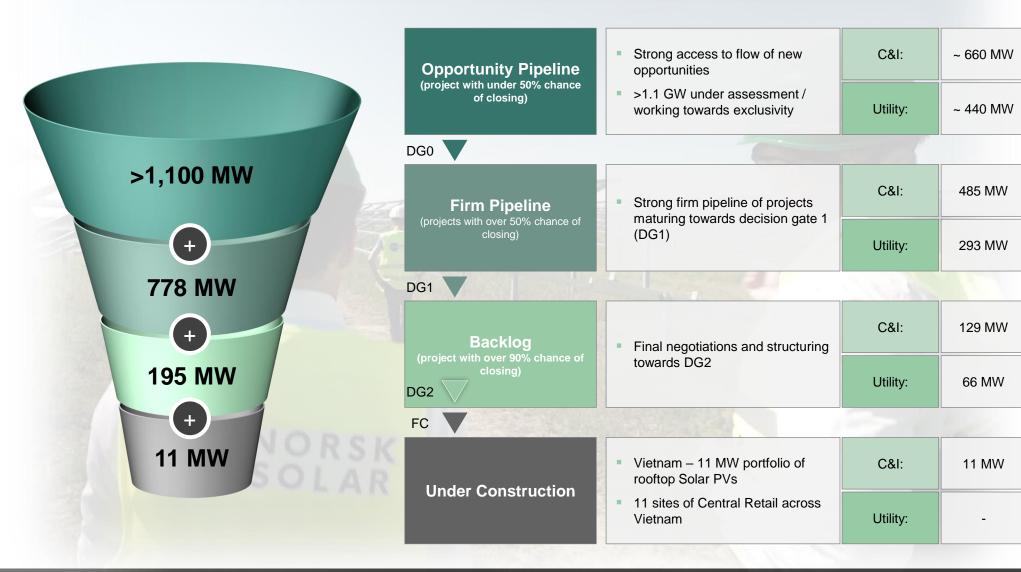
Cash flow from SPVs can be reinvested in new projects



## Extensive project Backlog & Pipeline +2 GW (organic)



Norsk Solar has a solid and rapidly growing pipeline of projects that will secure short- and long-term growth

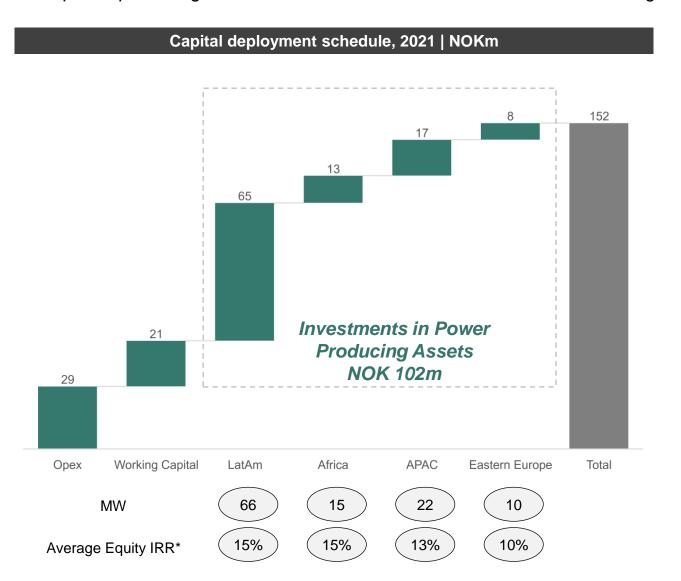




## Capital deployment in 2021 is based on firm projects



All power producing assets to be built are Under Construction or in Backlog



NOK 102m to be invested in power producing assets...

...funding 112 MW of power producing assets...

...of which all is currently Under Construction or in Backlog

Norsk Solar will cover 51% of equity during construction...

...and then consider further divestment post COD...

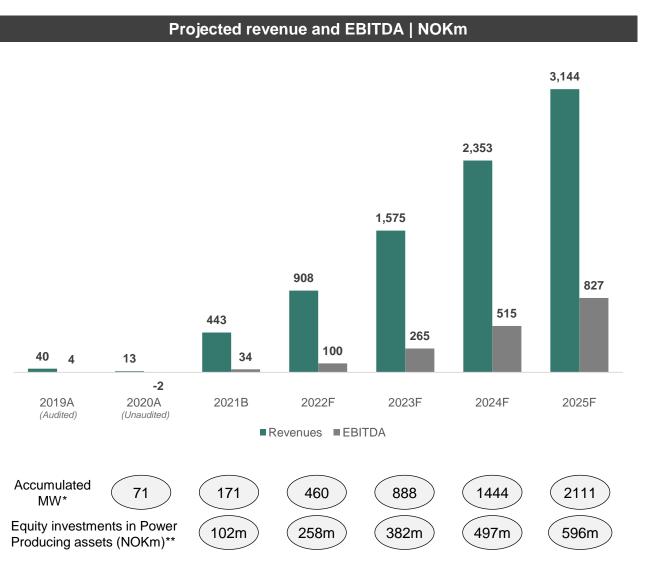
...seeking yield compression effect



## Attractive financial forecasts driven by growth in MW



The combined D&C and Power Production business model secures project control and two-folded revenue streams



- Norsk Solar will ramp up their power producing portfolio to +2 GW by 2025
- 2021 revenue forecast is based on assets Under Construction and in Backlog
- Revenues are sourced both from D&C and Power Production business
  - Figures are based on Norsk Solar AS financials and include proportionate revenues and EBITDA from power producing assets
- 2020 revenues are impacted by little D&C revenues and are mainly proportionate figures from the existing power producing assets
- Additional growth funding will be needed to finance the Company's business plan
- Accumulated NOK 1.8bn will be invested in power producing assets over the 5 year period (NS equity share of 51%)
- Norsk Solar will also consider "dividend recap" through issuing green bonds

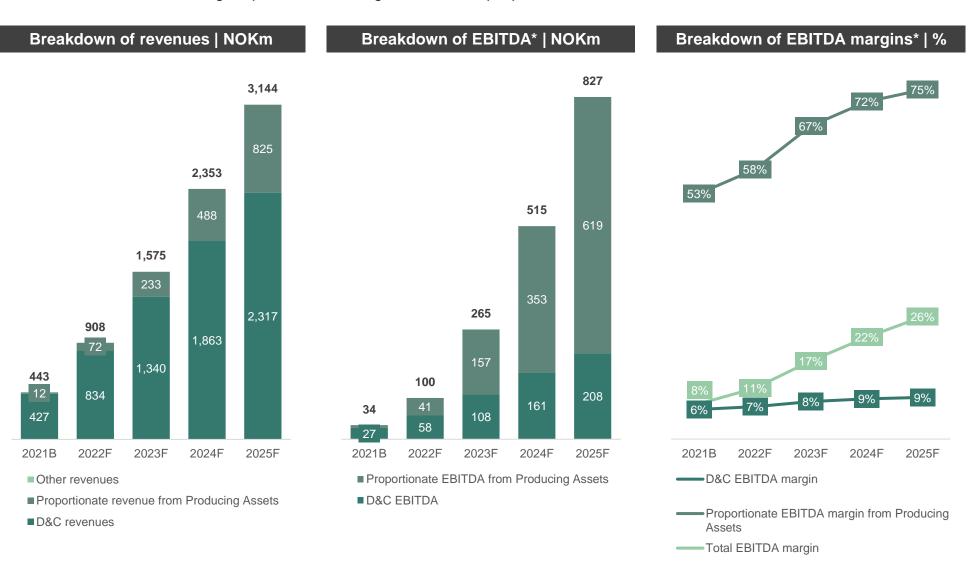
F = Forecast



## Financial breakdowns



EBITDA and EBITDA margins per business segment include proportionate share of overhead cost and other revenue





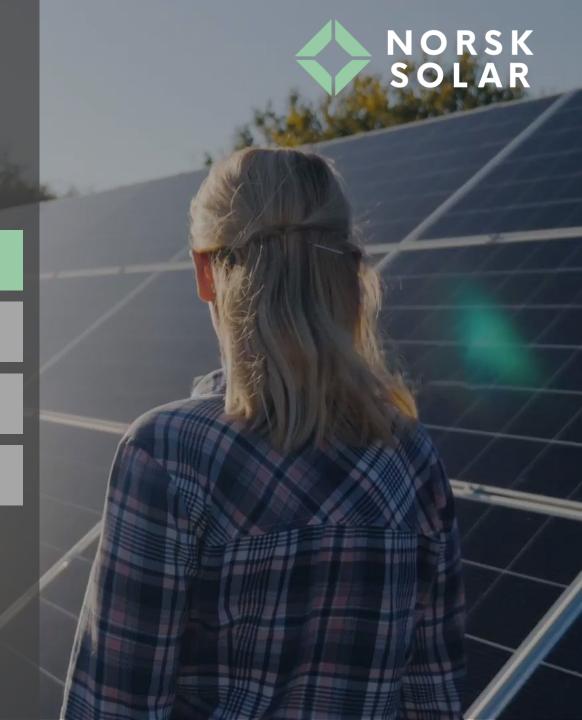
# **Appendix**

1 About Norsk Solar

2 Strategy and business model

3 Market

4 Financials



## Company history and milestones



Norsk Solar has seen strong growth in recent years A strong Backlog & Pipeline of projects (+2 GW) indicate an accelerate growth path going forward

Recently and going forward: History: 1997 - 2019 2020 - 2025 Norsk Solar established 2017 **Establishment of Norsk** 1997 2020 ♥ First annual revenue streams Vind Energi from commissioned projects C Co-investment JV established Financial Close ("FC") of 2018 2010 One of Norway's largest wind with Nordic development finance 50MW in Gharo (Pakistan) parks, Høg-Jæren is constructed institution (equity sponsor) Lender: FMO FC - 11MW C&I project in Off-taker: K-Electric Vietnam with Central Retail 2014 Valinor expands focus – also investing in other renewable 2019 FC - 9 MW in Semypolky energy and infrastructure Expected FC of 101 MW - in 2021 (Ukraine) Backlog or Under Construction Lender: NEFCO Off-taker: State Enterprise 2016 Google sign 12 year PPA for Energomarket Accumulated FC of +2 GW Tellenes wind park, Blackrock 2025 within 2025 invests

## Shareholder overview



Strong support from Valinor, one of Norway's leading renewable energy companies

## **Shareholder overview (as of March 2021)**

#	Name	# of shares	%
1	Valinor AS (Lars Helge Helvig – Board member)	34,480,230	54.5 %
2	Selber AS (Petter S. Berge - Founder & EVP Strategy)	4,696,230	7.4 %
3	Berker Group AS (Murshid M. Ali – Founder & EVP Technologies)	4,696,230	7.4 %
4	ØLV Holding AS (Øyvind L. Vesterdal – Founder & CEO)	4,696,230	7.4 %
5	AEGA ASA (Nils Petter Skaset – Board member)	3,989,170	6.3 %
6	Røros Kobberverk AS (Pål Selboe Valseth – Chairman)	2,448,120	3.9 %
7	Empower SA	2,422,090	3.8 %
	Other shareholders	5,812,850	9.2%
	Total number of shares	63,241,150	100%

## Largest non-mgmt. shareholders



- Largest privately held renewable energy investor in Norway
- Solid track record



 Solar investment company listed on Oslo Stock Exchange, Euronext Expand

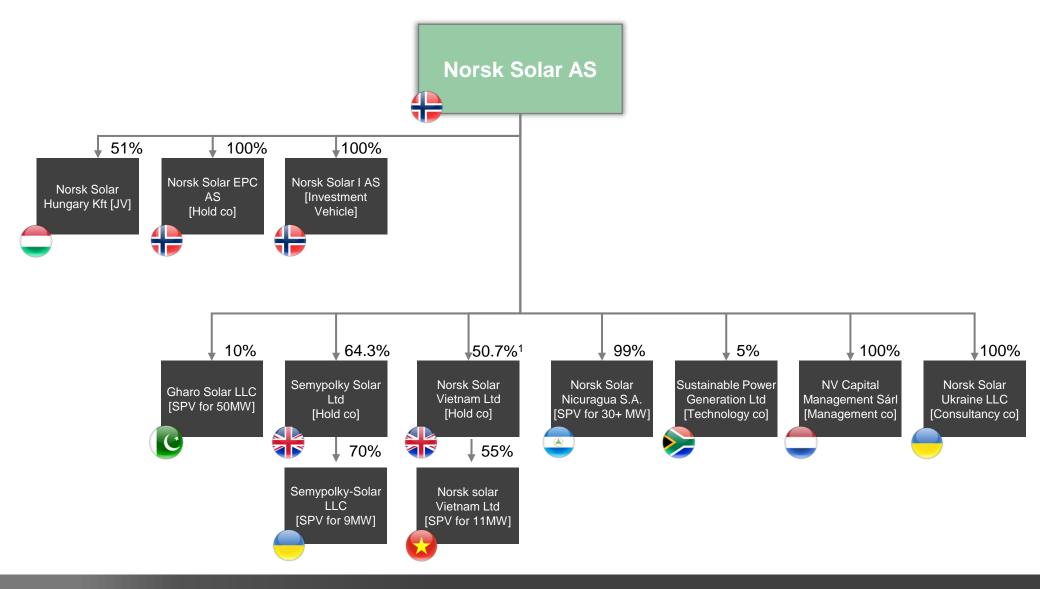


- Turnkey solar developer
- Utility and C&I

### Corporate ownership



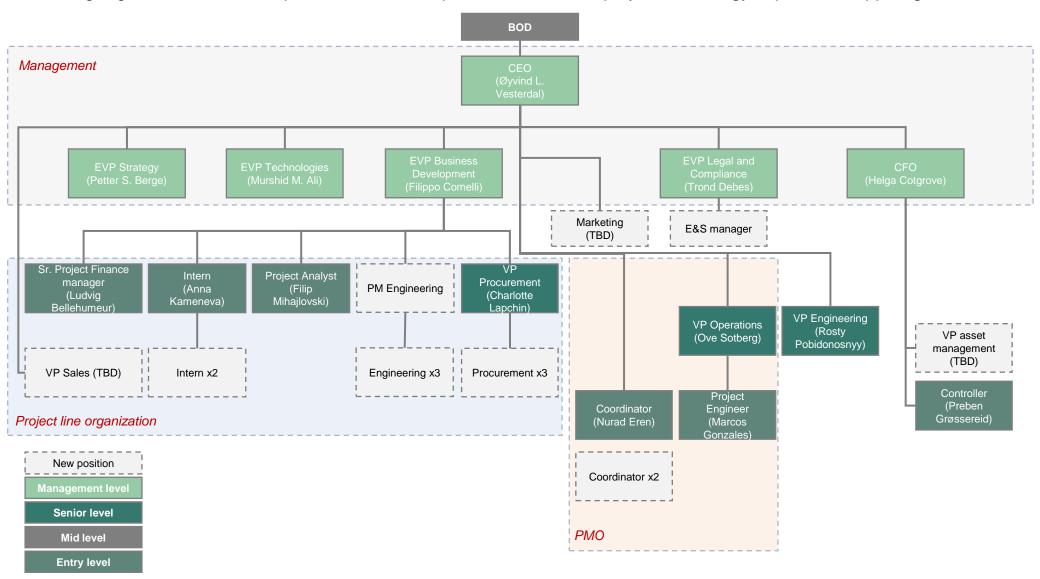
Norsk solar create or procure a single purpose vehicle ("SPV") for each Solar project



# Organization structure - by function and employee



Strong organization with exceptional technical expertise – Future employment strategy in place to support growth



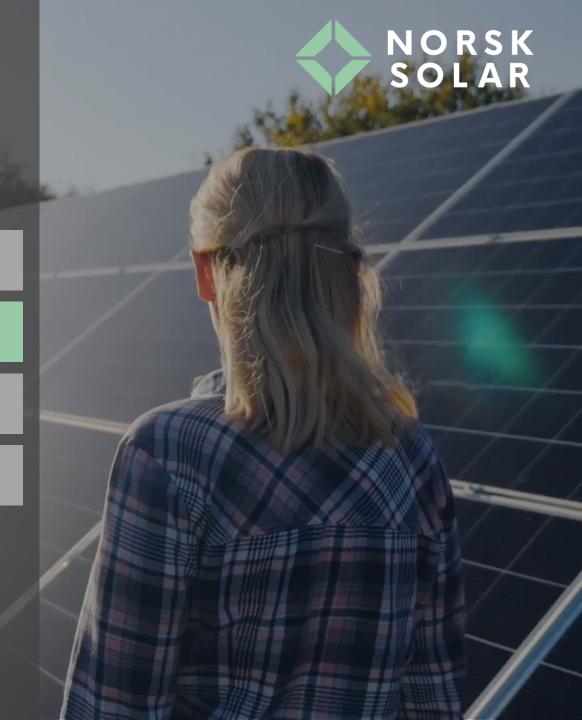
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### Mission and vision - building a sustainable future



Norsk Solar builds solar projects in emerging markets – maximizing impact on sustainability and economic growth



Norsk Solar aims to contribute significantly to UN's sustainable development goals in an effort to building a sustainable future



Some examples of focus areas

# Provide affordable and clean energy to the world

Norsk solar delivers clean, reliable energy in a consistent, environmentally friendly and ethical manner. The goal is to increase substantially the share of renewable energy in the global energy mix and accessibility in emerging markets where there is a underling power need



# Economic growth and quality of life

A well-established energy system supports all sectors: from local business, medicine and education to infrastructure and technology. Providing access to electricity in poorer countries is extremely important to improve quality of life and spur economic growth



### Take climate action and build a sustainable future

Sustainable development is dependent on cleaner renewable sources of power. By promoting renewable energy, Norsk Solar contributes to economic growth and a reduced carbon footprint



### Invest for impact – Gharo case study (by FMO)



Large social, economic and environmental impact from developing solar projects in emerging markets

#### **Background**

- The energy need in Pakistan are rapidly growing.
   Pakistan has seen its energy demand increase by over 5% annually in recent years and is heavily dependent on fossil fuel imports
- Over the past decade, the country has experienced a severe gap between energy demand and supply
- Power shortages have cost Pakistan ~2% of GPD in recent years
- Today, approximately 5 to 6% of the power to Pakistan's national electrical grid currently comes from modern renewable energy such as solar and wind
- With abundant potential for renewable energy and decreased technology costs, solar energy presents a promising solution for Pakistan energy need

#### Impact and benefits

- For Pakistan to prosper, proper utilization of energy is vital. Shortage problems affect the daily lives of people and significantly hinder economic growth
- The Gharo project provides economic benefits by boosting Pakistan's energy self-reliance and mitigates the country's carbon footprint
- The project serve power for almost 190,000
   Pakistanis and save approximately 54,000 ton CO<sub>2</sub> equivalents p.a.
- The project had a large impact on the local community, where 28% of the workforce was recruited from nearby villages for different roles in civil and electrical installation. Further, the operational phase of the project will support local jobs







### Close collaboration with development banks



Norsk Solar partners with development banks for project finance and risk mitigation

#### DFIs - Important for project finance and risk mitigation

- Development banks (Development finance institution DFIs) are financial institution that provides capital for economic development projects on non commercial basis
- The banks are often key in providing project finance to infrastructure developments, such as solar projects, in emerging or developing/frontier markets
- The development banks often advise governments on the design of renewable goals and programs to promote investments and private/public partnership
- Governments in emerging markets find private/public partnership very attractive:
  - DFIs and private players provide funding
  - Converts capex to opex
  - Kick-starting local know-how, employment etc.
- Norsk Solar collaborate closely with several large development banks and use these institution actively for project finance
  - Project structures and contracts with the DFI are formed to mitigate risk and facilitate non-recourse project level debt
    - √ Creates business opportunities
    - √ Reduces risks of Norsk Solar's investments significantly
    - √ High standard on Environment, Social, Governance



### Norsk Solar well positioned in a unique ecosystem



Norway has an unmatched ecosystem with long traditions for developing renewable energy projects in emerging markets

Activity		Logo and illustration	Comments		
	Equity	Norfund	<ul> <li>Mandated to assist in developing sustainable business and industries in developing countries. Significant track record in emerging markets and potential co-investor in SPV</li> </ul>		
Financing		EKSPORTKREDITT  Export Credit Norway  Guarantee Agency	Eksportkreditt and GIEK offers competitive export financing with a long repayment period and easy access to term sheet. Guaranties from these organizations works as "prof of stamp" to other international banks		
	Debt	Merco Norad	Nefco is a development bank established by the five Nordic countries with a mandate to finance exclusively environmental and climate-related projects		
		NOADIC ENVIRONMENT FINANCE CORPORATION	Norad can subsidize guarantee premiums on loans in emerging markets within renewable		
Project developme	nt	Norad	<ul> <li>Norad helps with risk mitigation when developing projects in emerging markets. Norad's grant scheme can reduce project development cost before reaching FC</li> </ul>		
Stakeholder support			<ul> <li>Good access to embassies, chambers of commerce etc.</li> </ul>		
Soft power			<ul> <li>High degree of credibility as a Norwegian player in emerging economies. Norway has a CPI score of 84 (2019)</li> </ul>		

### Solar has become a popular asset class



Positive asset attributes together with an ESG friendly profile makes solar to a sought-after investment

The Solar asset class: Positive attributes						
TWO R	Long contracts – normally 10-30 years, creating good visibility. I.e. long green cashflows		\$	Capex known before final investment decision		
	Solid off taker – being either government or corporation with good credit rating			Low technical risk – few moving parts, warranty ~ 25 years, lifetime >25 years		
IF\$1	High gearing amplifies returns – Normally 70% of capex is debt financed		%	EPC margin realized close after financial close. B2B contracts with sub-suppliers at FC gives good visibility on margin		
1-00-1	Short construction time  – 4 to 12 months for a typical solar project		\$	Positive investment climate (ESG). Large sums of capital to be employed creates opportunities – growth, restructuring of operating asset etc.		

### Norsk Solar's edge in developing solar projects



Integrated business model, solid track record and access to the Norwegian ecosystem are among the factors which helps create a competitive advantage for Norsk Solar on the international stage

Norsk Solar's competitive advantage in developing solar projects							
	Norsk Solar is a vertically integrated IPP – deliver on the entire value chain in solar projects <sup>1</sup> .		*=	Solid track record – both from own projects and part of Norway's largest privately owned renewable group	<b>√</b>		
	Solid experience with corporate PPA's and the C&I market – Size and experience enables Norsk Solar to capitalize on the growing market		**	Access to the Norwegian "ecosystem" and its benefits	<b>√</b>		
*****	Seen as an attractive development partner – give access to projects that are relative mature			Experienced team that has track record from some of the most challenging markets in the world			
	Access to a large network of equity investors and banks who want to fund the SPV		JJJ	Excellent risk mitigating measures. The highest risk relates to working with projects which do not reach FC – mitigated through Norad			

### Lead generation



Norsk solar uses multiples sources to generate new opportunities



Strategic partnership with local players in "target countries"

(Bridge between project and bankability)



Inbound:
Network, track record,
Solar / DFI –
conferences etc



Participation of public and private tenders



Local presence / boots on the ground:

Norsk Solar office and commercial activities in key target countries



Digital / inbound onboarding of C&I clients (currently in development)

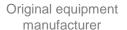
Sources to new opportunities

## Value chain positioning and competitive landscape



Norsk Solar's main competitors are other vertically integrated companies utilizing a BOO or BOT model

The solar value chain





Manufacturing

#### Development and construction



Development



Finance



Construction

Operation and maintenance



Operation

0&M

Power production



Asset Management

0EM

**EPC** 

Asset ownership











SUNGROW





















PRODIEL











#### BOO/BOT





























### Norsk Solar's approach to developing solar projects



Operational control of the entire development process is important for risk mitigation, value creation and sustainability

Project development description - «101»

Project management and project control



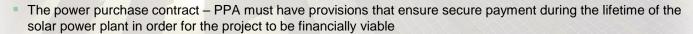
Norsk Solar is managing the entire process from development to operation phase of the solar power plant. The process is driven by sustainability and compliance where contractors, and suppliers must comply with Norsk Solar's Sustainability Standard including Code of Conduct and Health, Safety, Environment and Quality standards

Early plant
Optimization,
permits and licenses



The Solar power plant is optimized in early phase development with the latest technology in a cost-effective solution to ensure safe and durable energy supply at the lowest cost of energy. The optimization include evaluation of the land, solar resource, grid, environmental conditions and regulations together with technical and legal condition etc.

Bankable PPA and solid contracts with subcontractors



Contracts with EPC and suppliers are based on international standards in compliance with local legislations. In addition to clearly defining the scope of work or supply. The contracts cover terms for warranties and performance guarantees in compliance with the lenders' requirements

 EPC Contractors are responsible for the engineering, procurement, construction, installation, commissioning and start-up of the PV plant, as well as performance testing of the Facility. EPC Contractor in compliance with NS Sustainability Standard will be selected on the basis of best price, quality and completion time

Risk mitigation in focus

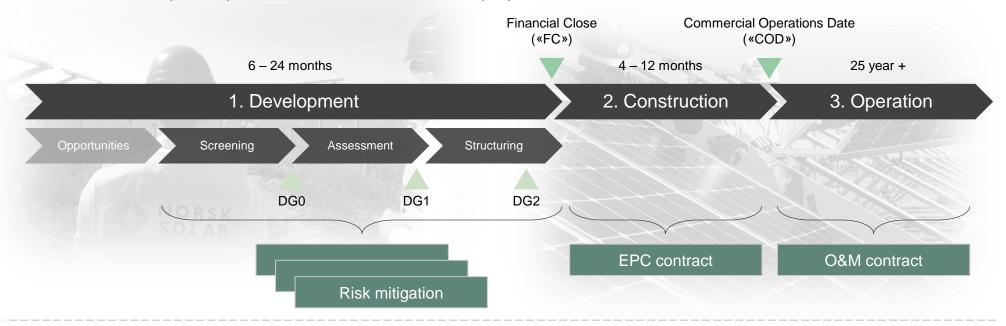


- Inherent control environment and reputable project partners
- Norsk Solar carries extensive risk mitigation measures before FC and through gated process
- Banks and equity co-investors in the SPV carry out thorough due diligence during the development phase up to financial close

### The project development process - overview



Extensive development process to reduce risk, mature projects and secure value



- A project need to have the following characteristics to be included in Norsk Solar's pipeline:
  - Bankable PPA
  - Government or solid corporate off taker
  - Term for 10-25 years (PPA)
  - No/low currency risk
  - Possible to obtain non-recourse financing
  - Reputable local partner as co investor
  - Solid market characteristics favoring renewables
  - Project equity return: ~12-15%

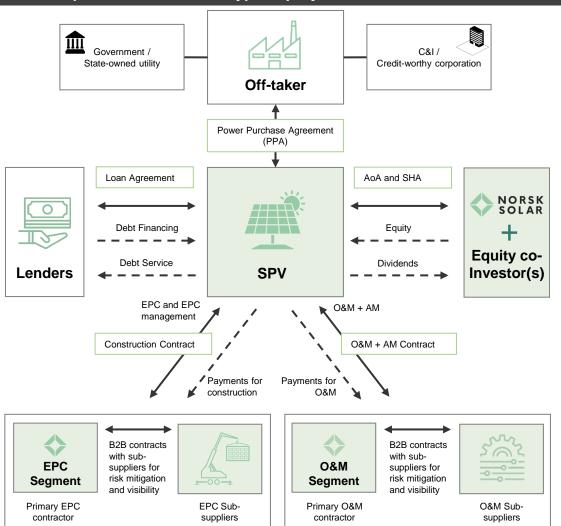
- The entire development phase is built towards lender's FC, which is when the Development phase is concluded and the project will start the Construction phase
- Risk is highest in the development phase and needs to be significantly reduced to ensure that the project reaches FC
- Decision gates are used in the development phase in order to reduce risk as the project matures
- Before FC, no investments are made (expect running overhead cost, legal and advisor fees) and Norsk solar, lenders and co-investors do not have an obligation to develop the project
- Upon FC, one or more lenders, and/or external independent technical and legal advisors have approved of the project
- FC is when the project is sufficiently derisked. This is typically after the following (but not limited to) activities/milestones are achieved:
  - Project financing is secured
  - EPC, supply, management, O&M and other relevant contracts signed
  - Land procurement or leasing contracts signed
  - All licenses and permits secured
  - PPA signed
  - Relevant external advisors on tax, legal and technical have approved of the above

### Project structure – all secured by financial close



Comprehensive development process – reducing risk and securing value
All stakeholders, contracts and project structure need to be "bankable" in order to be realized

#### Simplified illustration of typical project structure for Norsk Solar





SPV for each project, which owns the asset, its licenses, permits and contracts (non-recourse)



All contracts between Suppliers/Service providers and Norsk Solar are back-to-back with SPV



Project partners and structure create an inherent control environment for the SPV

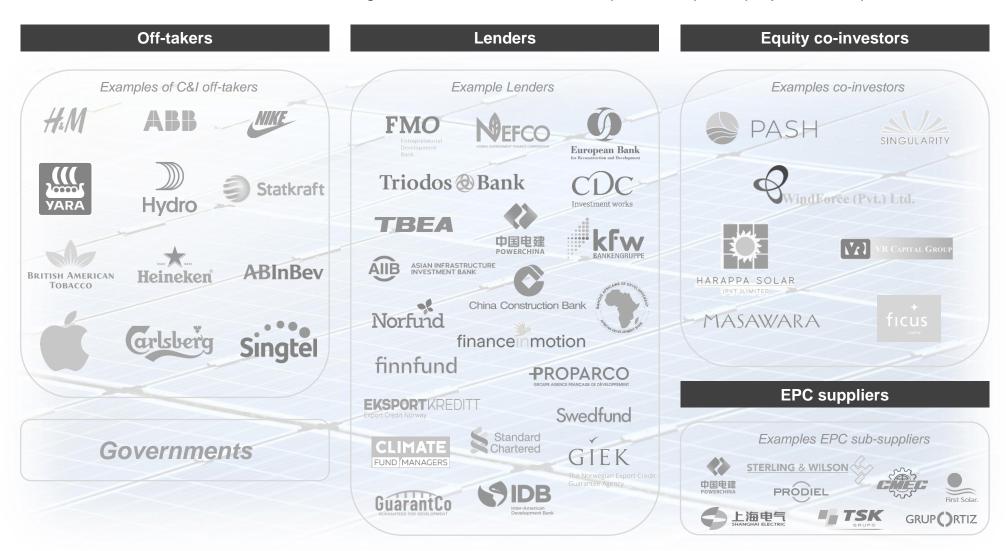


Norsk Solar seeks operational control throughout all project phases

### Typical project partners – secured by financial close



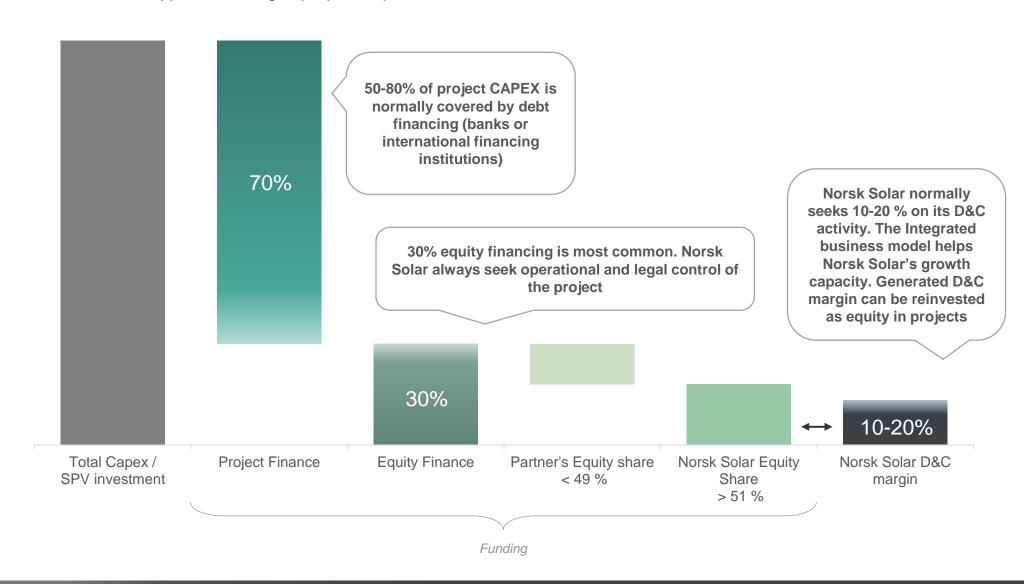
Norsk Solar is active in the market, talking to relevant stakeholders for partnership and project development



### Project capital structure – illustration



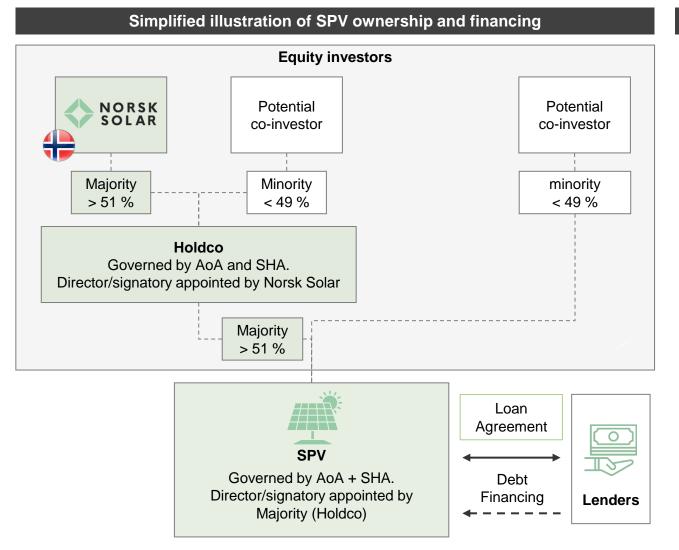
Actual size and type of funding is project dependent



### Project control



Norsk Solar seeks to secure operational control of the asset throughout all project phases



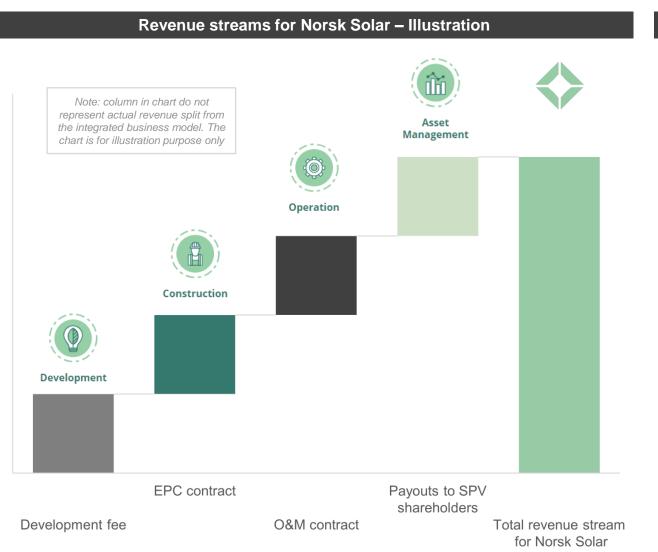
#### **Comments**

- Norsk Solar retains control of the development process, construction, financing and operations of the project by being in control of the SPV
- This is enforced through majority ownership and signature rights through Articles of Association ("AoA"), Shareholders' Agreements ("SHA"), director positions/company, signatories
- All major and material contracts entered into by the SPV, including (but not limited to) Loan Agreement, EPC and O&M contract, management, supply of materials etc, needs to be approved by Norsk Solar directly or indirectly
  - Minor work under a certain costs/liability threshold can be exercised directly by the local Director/signatory
- Norsk Solar performs management and is technical, commercial and project lead during all project phases. This means Norsk Solar both has operational and legal control of the project, including contracts management and final approval of commercial terms (subject to lender's approval before Financial Close)

### Integrated business model revenue stream overview



Operational control of the asset in all project phases enables the BOO model to generate four different revenue streams



#### Comments

- Norsk Solar has different revenue streams depending on when the company enters a project, i.e. if the project/asset has a "greenfield" or "ready to build" status
- The primary strategy is to enter a lightly developed greenfield project. At this point, Norsk Solar can add most value and reduce risk in terms of timeline and cost. Typically at this stage, developers has secured initial local permits that requires local expertise, but lacks the competency and finance to advance the project. Norsk Solar can at this point ensure project bankability and finalize development
- Norsk Solar revenue streams during a typical project
  - Development (paid upon Financial close)
  - Construction (paid for EPC management, percent of completion principle)
  - Operation (paid for service agreements, base + performance based)
  - Asset management (project payouts/dividends)
- For Norsk Solar to utilize the business model fully, it is necessary to secure operational control of the asset throughout all project phases

# **Appendix**

1 About Norsk Solar

2 Strategy and business model

3 Market

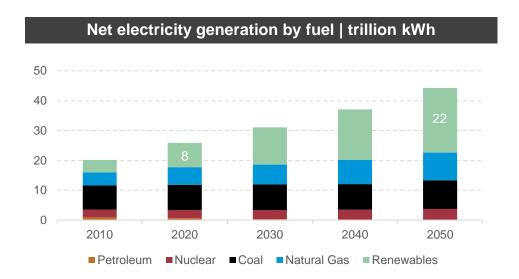
4 Financials

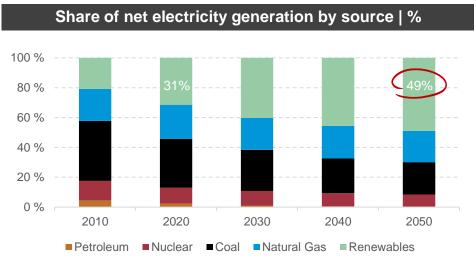


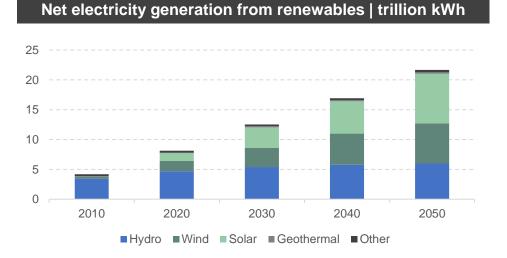
### The future is renewable energy

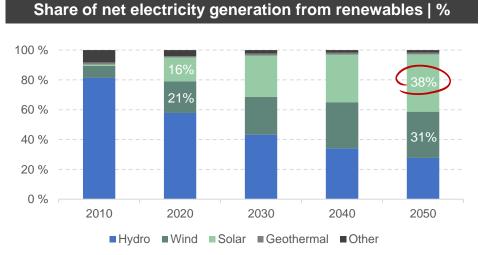


Solar & wind expected to generate ~50% of all electricity globally by 2050







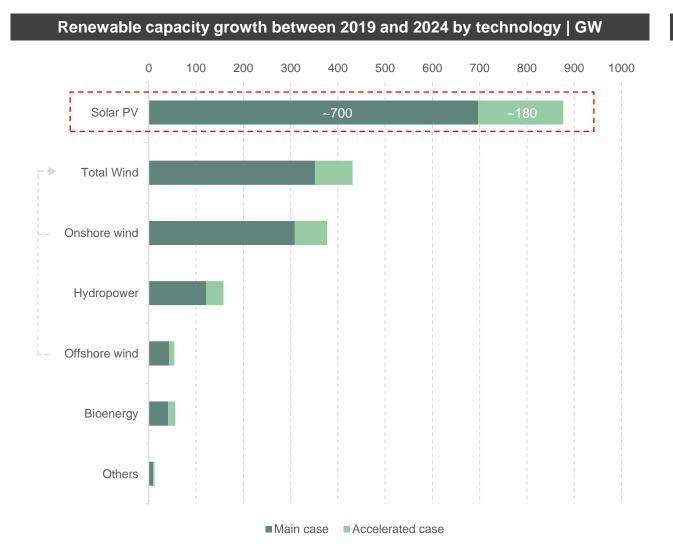


Source: EIA: IEO 2019 56

### Solar PV drives growth in renewable capacity additions



Solar PV accounts for ~60% of capacity additions in renewables towards 2024 according to IEA



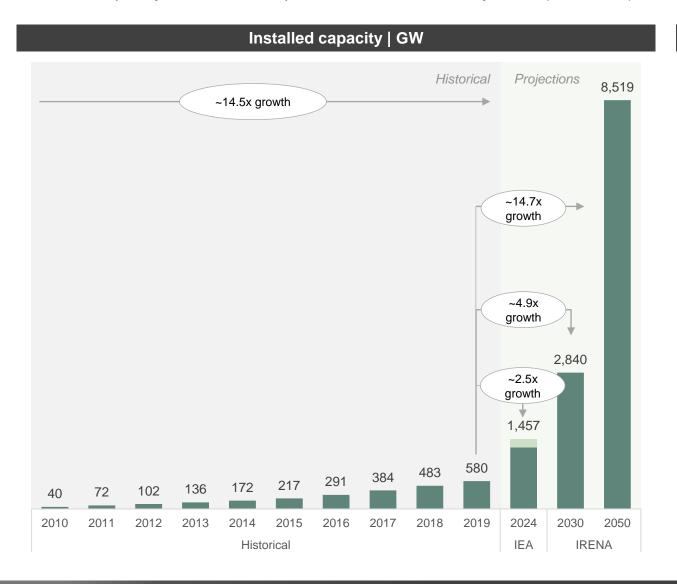
#### **Comments**

- Renewable power capacity is set to expand by 50%<sup>1)</sup> between 2019 and 2024 according to IEA
- Solar PV alone is expected to account for approximately 60% of the expected capacity growth
- Data from EIA also shows that Solar PV installations will grow at a higher pace compared to other renewable, e.g. wind
- Considering ample resource availability, significant market potential and cost competitiveness, solar PV is expected to continue driving overall renewables growth in several regions over the next decade
- Onshore wind is expected to account for approximately one-quarter of the growth
- Installed capacity for offshore wind is expected to triple by 2024, contributing roughly 4% of the total increase in renewable capacity
  - Growth primary driven by competitive actions in the European Union and expanding markets in the United States and China

### Solar PV – Installed capacity and outlook



Installed capacity of solar PV expected to rise five-fold by 2030 (2840 GW)



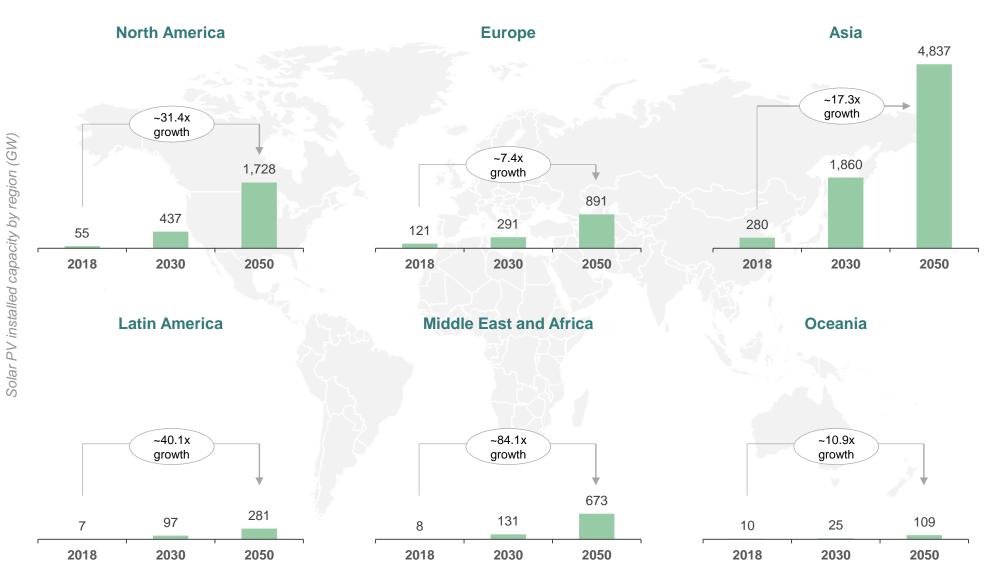
#### **Comments**

- The deployment of renewables has been growing at a rapid pace in recent years
- Among all renewable technologies, solar PV power installations have been dominating the renewables industry in recent years
- The breakthrough in Solar PV capacity additions has largely been achieved due to significant cost reductions and government policies, including deployment policies, research and development (R&D) funding, and other policies that have supported the development of the industry in leading countries
- As of the end of 2019, the global capacity of installed solar PV power reached 580 GW, representing 20% YoY growth compared to 2018 (483 GW)
- IEA estimate in their renewables 2019's accelerated case, solar PV power capacity growth of 877 GW, reaching a cumulative capacity of 1,457 GW in 2024
- Analysis from IREANA shows that solar PV power installations could grow almost fivefold over the next ten years, reaching a cumulative capacity of 2,840 GW by 2030 and rising to 8,519 GW by 2050

### Large growth potential for Solar in all regions



Norsk Solar's strategy is to develop solar projects in emerging markets

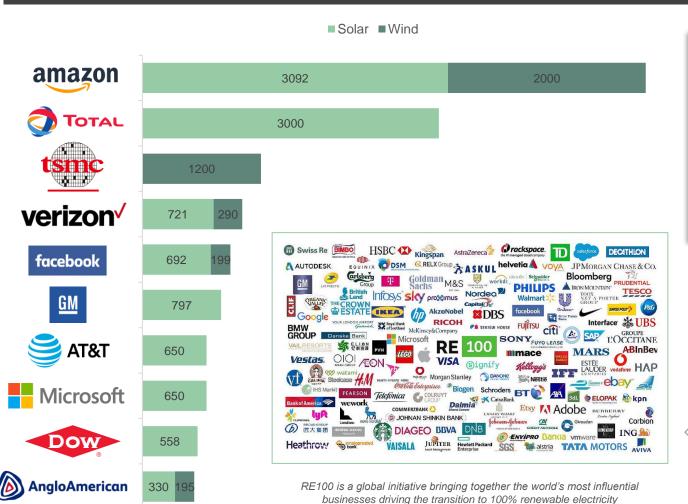


### Corporate interest in sustainability is skyrocketing



Flow of new companies making clean energy commitments Norsk Solar's C&I offering helps customers in reaching their clean energy ambitions

#### Top corporate clean energy buyers, 2020 | MW



Norsk Solar gives bankable corporations in emerging markets access to 100 % clean energy

(Previously not easily accessible for "non-fortune 500" corporations in emerging markets)

In 2020 ~65 new companies joined the RE100 climate group, pledging to offset 100% of their electricity consumption with clean energy

### Solar PV installation cost has declined by ~74%



Installation cost in 2018 averaged 1.2 USDm/MW

#### Global weighted average installation cost (USDm/MW) and project percentile ranges



#### Solar photovoltaic Onshore Wind Offshore Wind 120 100 95.2 80 78.3 60 40 20 0 2010 2011 2012 2013 2014 2015 2016 2017 2018

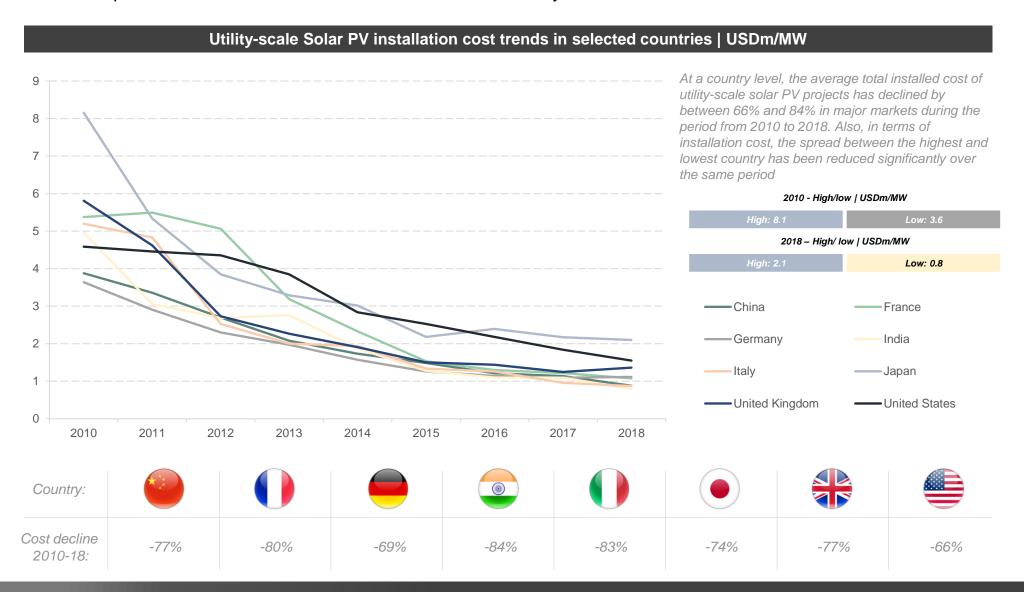
#### **Comments**

- Solar PV is emerging as one of the most competitive sources of new power generation capacity
- Between 2010 and 2018, Solar
   PV installation cost declined by ~74%
- In comparison, onshore- and offshore wind achieved a cost reduction of ~22% and ~5%, respectively
- Lower solar PV module prices and reductions in balance-ofsystems (BoS) cost has been the main driver of the installation cost decline for Solar PV
- Analysis from IRENA indicate that installation cost of solar PV projects will continue to decline dramatically in the next three decades, averaging in the range of USD 0.34m to USD 0.83m/MW by 2030 and USD 0.17m to 0.48m/MW by 2050

### Large cost improvements in all regions



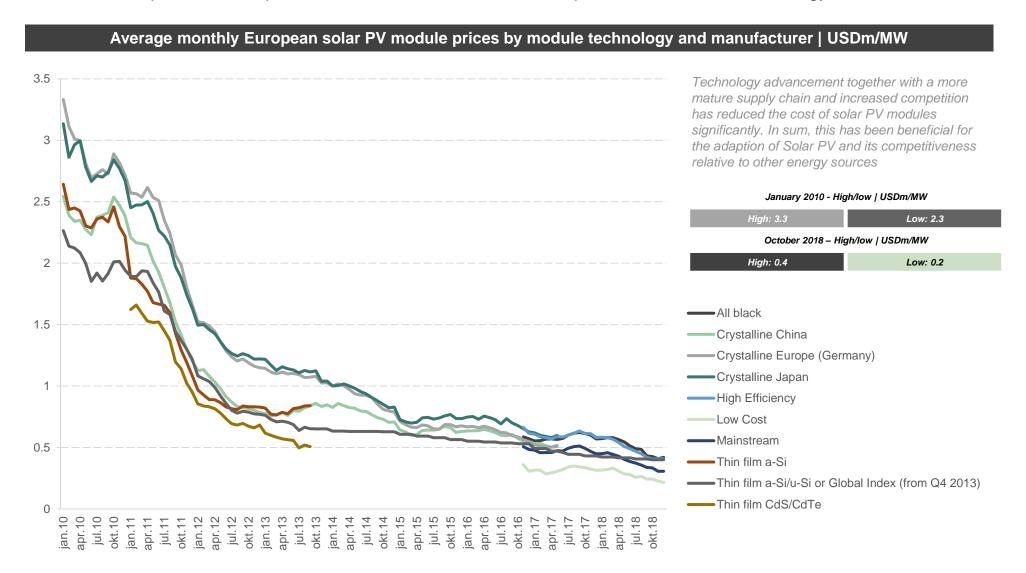
The cost spread between countries has been reduced in recent years



### Huge decline in module prices has spurred growth



Lower module prices has helped Solar PV become more cost competitive relative to other energy sources

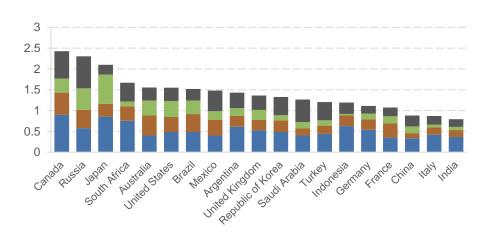


### Hardware accounts for ~ 58% of total installation cost



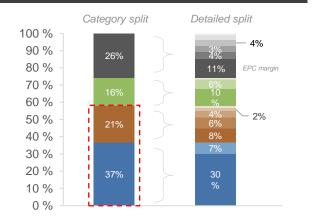
Modules is the most expensive single source cost component

#### Breakdown of solar PV total installation cost by category in G20 countries | USDm/MW

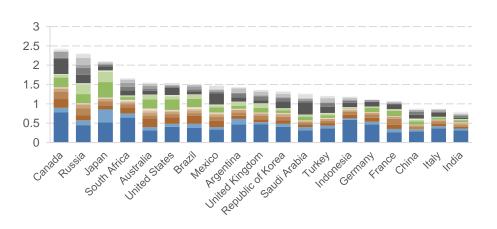


- Soft costs
- Installation
- BoS hardware
- Module and inverter hardware

#### Aggregated cost breakdown | Percent



#### Detailed breakdown of solar PV total installation cost in G20 countries | USDm/MW



- Costumer acquisition
- Incentive application
- Permitting
- System design
- Financing costs
- Margin
- Inspection
- Electrical installation
- Mechanical installation
- Monitoring and control
- Safety and security
- Cabling/ wiring
- Grid connection
- Racking and mounting
- Inverters
- Modules

#### Module and inverter hardware:

#### .....

Modules Mechanical installation

Inverters Electrical installation

Inspection

Margin (EPC-margin)

Installation:

#### BoS hardware:

#### Soft costs:

Racking and mounting

Grid connection Financing cost

Cabling/wiring System design

y and security Permitting

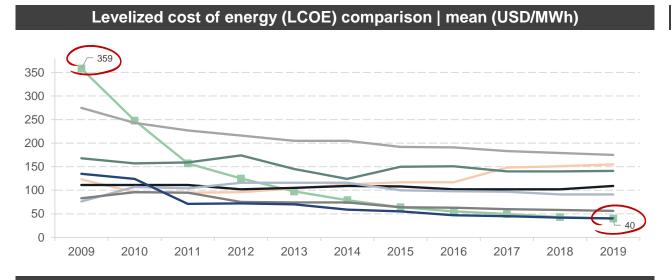
itoring and control Incontive application

Customer acquisition

### From zero to hero



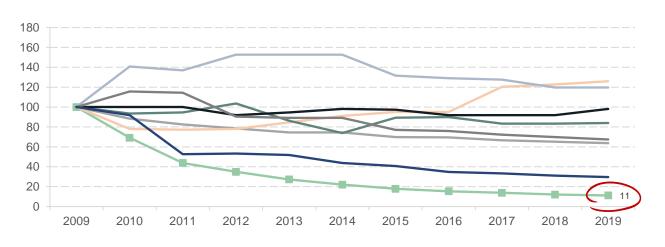
Solar PV is extremely cost competitive with conventional generation technologies on a new-build basis



#### **Comments**

- Lazard's unsubsidized LCOE analysis indicates significant cost decline for utility-scale renewable energy generation technologies
- On a new-build basis, these technologies are extremely cost competitive with conventional generation technologies
- Solar PV has seen its LCOE dropped by 89% from 2009, driven by, among other factors, improving technologies, increased competition and decreasing capital cost





### Description and percentage change in average LCOE (2009-19)

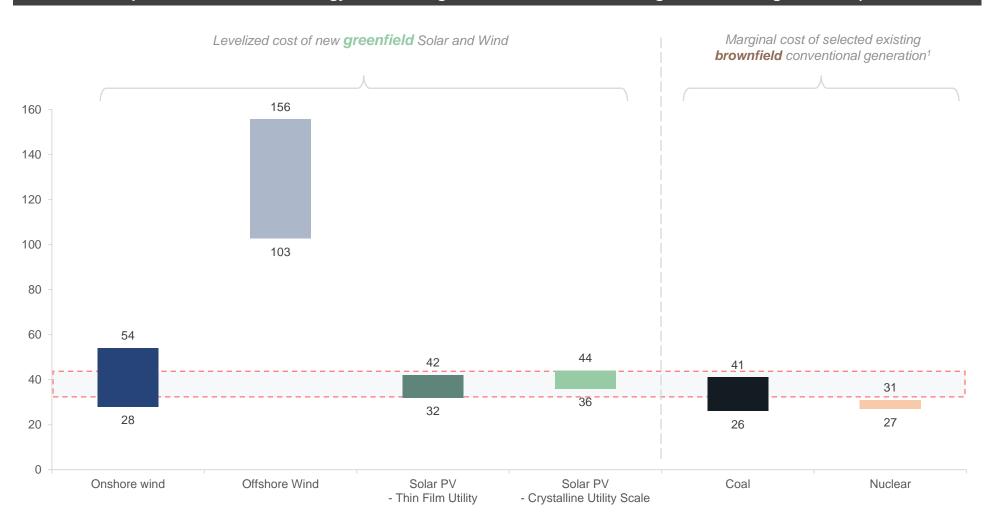


### Solar PV – the new cost champion



Solar PV is cost competitive with the marginal cost of existing conventional generation technologies such as coal and nuclear

#### LCOE comparison - Renewable energy versus marginal cost of selected existing conventional generation | USD/MWh



# Potential change of revenue streams for future PV plants



In 2024, 81 % of

new utility-scale

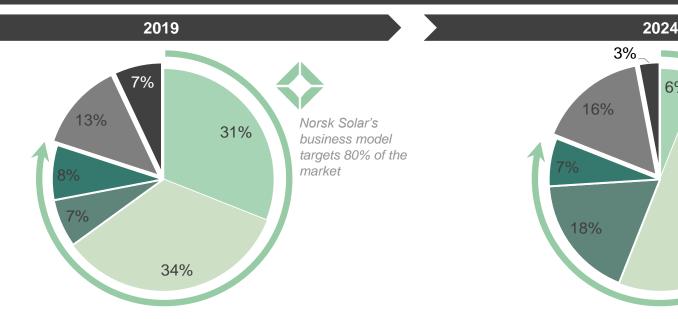
expected to be relevant for Norsk Solar

PV plants is

50%

Norsk Solar's business model is already well positioned to cope with the expected change in revenue stream





#### Revenue streams for new utility-scale PV plants

FIT	Tender/Auction PPA
Private PPA (corporate off-takers)	Merchant
Private PPA with tax credit	PPA with GC

- In 2019, 34% of the PPA's was secured through a tender process
- Market observers expected this number to increase to ~50% by the end of 2024, as many governments are reviewing their renewable energy programs, including moving away from FIT/PPA to tender/auctions
- Tender PPA are expected to increase competition as more market players provide more competitive prices that are closer to their at-themoney threshold
- Private PPA is expected to increase in demand. More corporations seeks to become carbon neutral and fill their energy needs through renewable energy sources

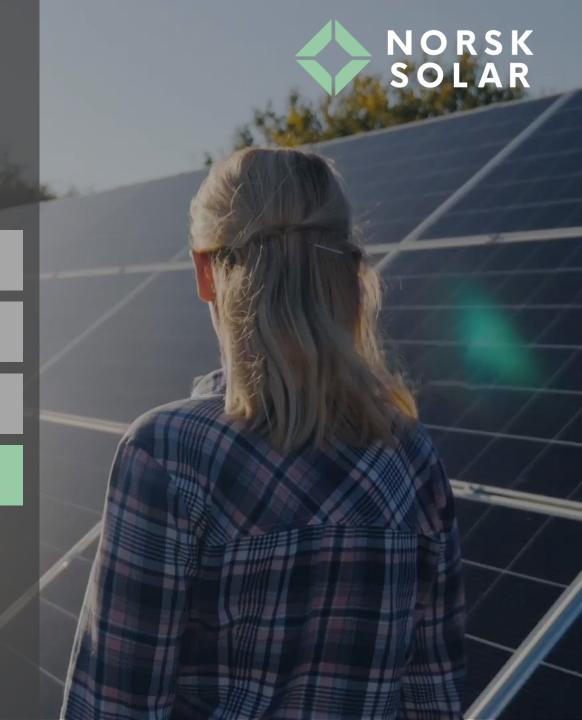
# **Appendix**

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### Financial Statement – Norsk Solar AS



1,3

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40.8

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0,6

0.8

24,4

PROFIT & LOSS (NOKm)	2018 (Audited)	2019 (Audited) (l	2020 Jnaudited)	BALANCE SHEET (NOKm)	2018 (Audited)	2019 (Audited) (U	2020 naudited)
Revenues	0,1	40,4	2,3	Tangible non-current assets	0,0	0,0	0,5
CoGS	-1,3	-29,9	-3,2	Intangible non-current assets	1,3	1,3	1,2
Gross Profit	-1,2	10,5	-0,8	Other non-current assets	6,6	49,5	35,3
Salary	-1,1	-4,2	-7,2	Inventories and receivables	1,6	1,3	3,8
Other opex	-1,7	-2,8	-2,4	Other current assets	8,0	0,3	0,7
EBITDA	-4,0	3,5	-10,4	Cash and liquid assets	6,9	9,5	49,9*
Depreciation & amortization	0,0	-0,1	-0,1	Total assets	24,4	62,0	91,4
EBIT	-4,0	3,5	-10,5				
Net financial cost	-8,5	-0,6	-1,8	Total equity	23,6	21,2	80,8*
Dividend from SPVs	0,0	0,0	0,0	Shareholder loan	0,0	26,7	0,0
Profit before taxes	-12,5	2,9	-12,4	Interest-bearing non-current debt	0,0	0,0	6,6
Taxes	0,1	0,0	0,0	Other non-current debt	0,0	12,8	0,0
Net profit	-12,4	2,9	-12,4	Interest bearing current debt	0,0	0,0	0,0
				Accounts payable	0,3	0,6	2,6
P&L				Tax payables	0,0	0,0	0,0

Other current debt

**Total liabilites & equity** 

Total liabilities

#### P&L

- Revenues and Cost of Goods Sold (CoGS) in 2019 was driven by the Semypolky EPC contract, where Norsk Solar was the main EPC contractor for the construction of the 9 MW solar power plant in Ukraine
- Limited construction work in 2020 has reduced EPC revenues.

#### B/S

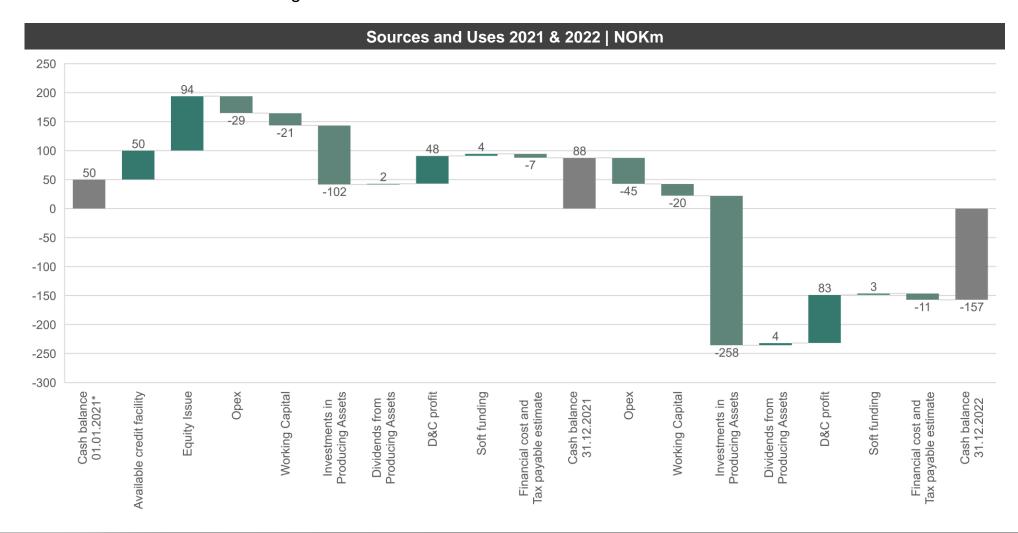
Other non-current assets consist mainly of the shares in the Semypolky and Gharo power producing assets. A partial divestment in Semypolky is driving the reduction in book value from 2019 to 2020

- Majority shareholder Valinor AS converted the shareholder loan to equity in 2020
- Interest-bearing non-current debt is mainly related to a loan from Innovasjon Norge
- Other non-current debt in 2019 was related to the Semypolky power producing asset, and is reduced in 2020 due to the mentioned partial divestment

### Liquidity bridge for 2021 and 2022



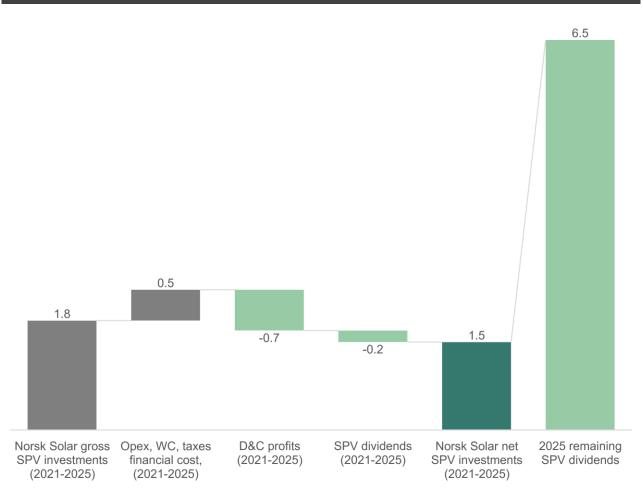
Norsk Solar will need additional funding during 2022 to realize the strong growth in the business plan Financing through issuing a green bond or other debt financing alternatives (other than existing credit facility) is not included in below cash flow bridge



### Net investments of NOK 1.5bn for NOK 6.5bn dividends







- Over the next 5 years Norsk Solar will invest approx. NOK 1.8bn in power producing SPVs
- Over the same period Norsk Solar will have overhead cost, other expenses and working capital requirements of NOK 0.5bn
- Meanwhile the Company will also have NOK 0.7bn of D&C profits and NOK 0.2bn of dividends from the power producing SPVs
- Norsk Solar will hence have a net investment in power producing SPVs of NOK 1.5bn over the period 2021-2025
- In 2025 these SPVs will have expected remaining dividends of NOK 6.5bn

### Consolidated Financial Statement - Norsk Solar Group



PROFIT & LOSS (NOKm)	2019 (Audited, Consolidated)	2020 (Unaudited, Consolidated)	BALANCE SHEET (NOKm)	2019 (Audited, Consolidated)	2020 (Unaudited, Consolidated)
Revenues	2.8	11.7	Tangible non-current assets	38.7	50.5
CoGS	-0.1	-5.4	Intangible non-current assets	1.3	1.2
Gross Profit	2.7	6.3	Other non-current assets	21.4	20.0
Salary	-4.7	-7.8	Inventories and receivables	37.1	8.4
Other opex	-9.6	-3.3	Other current assets	0.1	0.2
EBITDA	-11.6	-4.9	Cash and liquid assets	19.8	27.0
Depreciation & amortization	-0.1	-5.6	Total assets	118.4	107.3
EBIT	-11.7	-10.5			
Net financial cost	0.0	-16.3	Total equity	29.3	53.0
Dividend from SPVs	0.0	0.0	Shareholder loan	26.7	0.0
Profit before taxes	-11.7	-26.7	Interest-bearing non-current debt	42.4	49.7
Taxes	0.0	0.0	Other non-current debt	12.8	0.0
Net profit	-11.7	-26.7	Interest bearing current debt	0.0	0.0
			Accounts payable	1.2	2.5
			Tax payables	0.0	0.2
			Other current debt	6.1	2.0
			Total liabilities	89.1	54.3
			Total liabilites & equity	118.4	53.0
DOL					

#### P&L

- Consolidated revenues in 2020 relates mainly to production and sale of solar energy, NOK 9m (Semypolky SPV – half year effect), and government grant of NOK 1.75m
- As main revenues in 2019 was EPC revenue towards the Semypolky SPV this revenue and related CoGS are eliminated in the consolidated financial figures

#### B/S

 Tangible non-current asset is mainly related to producing solar plant in the Semypolky SPV

- Other non-current assets consist mainly of shares in the Gharo Solar SPV (NOK14m) and non-current receivables
- In 2019, inventories and receivables related mainly to prepaid cost, NOK 36m. Year end 2020, prepaid cost amounted to NOK 1.6m
- Interest-bearing non-current debt in 2020 relates mainly to a loan from Innovasjon Norge AS of NOK 5m and non-recourse debt in the Semypolky SPV of NOK 43m

### Glossary of terms used and acronyms



- AoA: Articles of Association
- AM: Asset Management
- DD: Due diligence
- EPC: Engineering, procurement and construction
- EYA: Energy yield assessment
- FM: Financial modeling
- IDD: Internal due diligence
- IPP: Independent power producer
- LCOE: Levelized cost of energy
- LDD: Lenders due diligence
- LLA: Lender's legal advisors
- LTA: Lender's technical advisors
- MOU: Memorandum of understanding
- O&M: Operation and maintenance
- PIM: Project information memorandum
- PPA: Power purchase agreement
- PV: Photovoltaic Systems
- RFP: Request for proposal
- SHA: Shareholders' Agreements
- SME: Subject matter expert

- SPA: Share purchase agreement
- TS: Term sheet

