



Fourth quarter 2018

Oslo, 25 January 2019



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# Agenda

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- **Highlights and project update**

Raymond Carlsen, CEO

- **Financial review**

Mikkel Tørud, CFO

- **Summary and Outlook**

Raymond Carlsen, CEO



*Installation of bi-facial solar panels at the 400 MW project in Egypt.*

Q4'18:

## Solid operational performance and strong financial results

- Q4'18 proportionate revenues of NOK 1,666 million and EBITDA of NOK 329 million
- D&C revenues of NOK 1,466 million and EBITDA of NOK 202 million – gross margin of 16%
- 162 MW in Brazil and 65 MW in Malaysia reached commercial operation
- Construction start for projects in Argentina, Malaysia and Ukraine totaling 241 MW
- The Board of directors has proposed dividends of NOK 0.95 per share



*The 65 MW Gurun solar plant in Malaysia.*

# Record achievements in 2018

## Highlights 2018

- Strong conversion rate from pipeline to backlog and construction
- Financial close and construction start for new projects in five countries totaling 539 MW
- Three new solar plants in commercial operation totaling 262 MW – bringing the total to 584 MW in operation
- Exceeding the target set for end 2018

## Proportionate financials

(NOK million)	2018	2017	2016
Revenues	4,725	1,680	1,174
EBITDA	961	792	376
D&C Revenues	4,005	1,054	604
D&C gross margin	15%	42%	11%

- EBITDA up 2.6x from 2016 to 2018

Note: The 2017 figures was positively affected by the NOK 375 million gain on the partial sale of the Apodi project in Brazil.

# A robust portfolio of 584 MW in operation

**South Africa, 190 MW**



**Brazil, 162 MW**



**Honduras, 95 MW**



**Malaysia, 65 MW**



**Jordan, 43 MW**



**Czech, 20 MW**



**Rwanda, 9 MW**



# Another 1,071 MW under construction in six countries

**Egypt, 400 MW**



**South Africa, 258 MW**



**Jasin & Merchang, Malaysia, 130 MW**



**Argentina, 117 MW**



**Ukraine, 77 MW**



**Redsol, Malaysia, 47 MW**



**Mozambique, 40 MW**



# Financial review

Mikkel Tørud, CFO



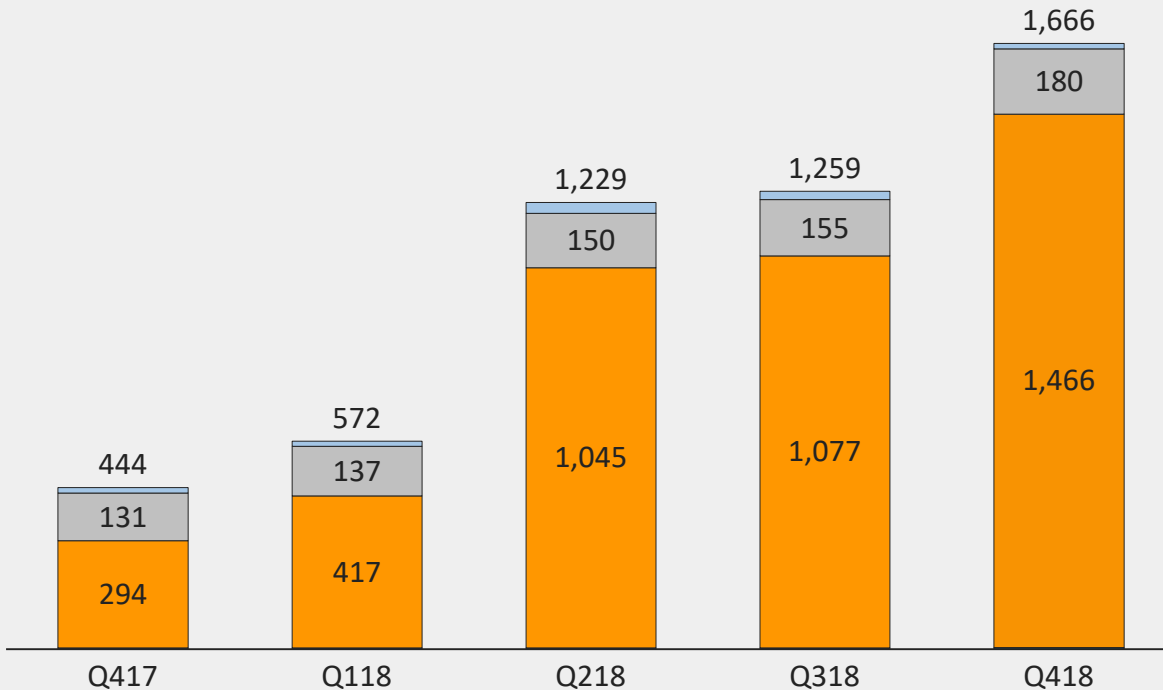
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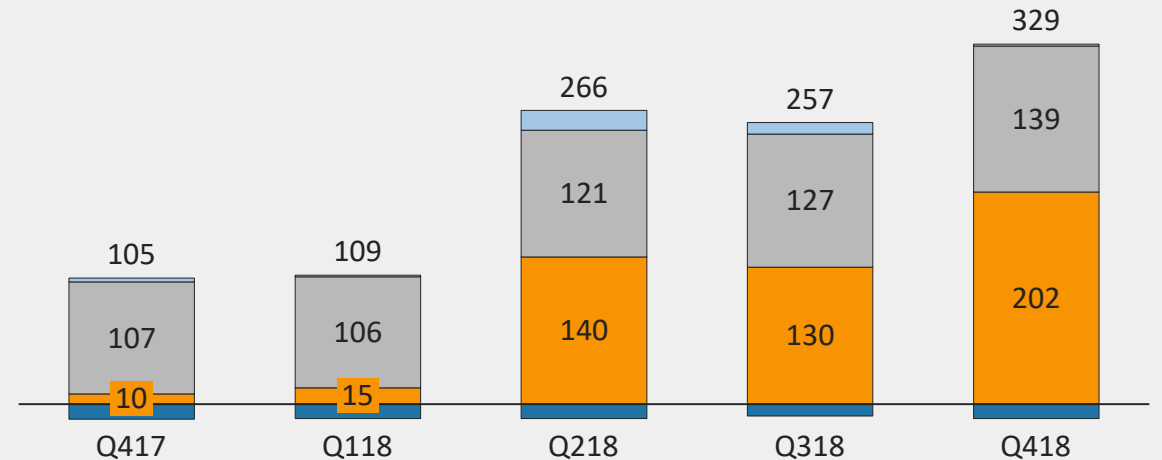
Q4'18:

# Strong financial results across all business segments

### Proportionate revenues by segment (NOK million)



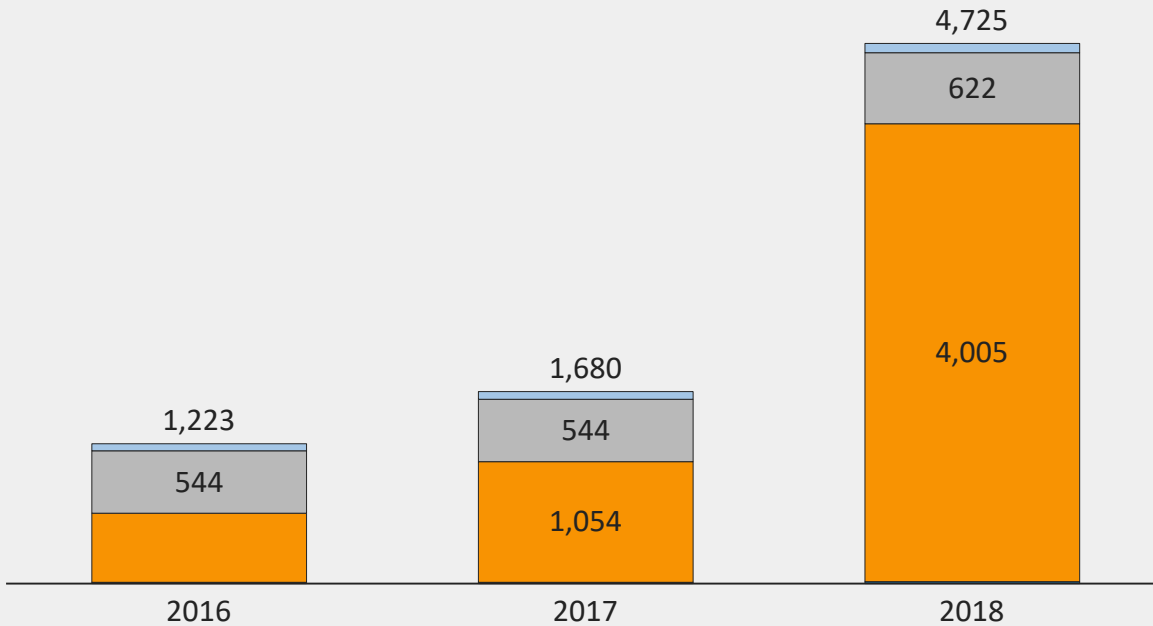
### Proportionate EBITDA by segment (NOK million)



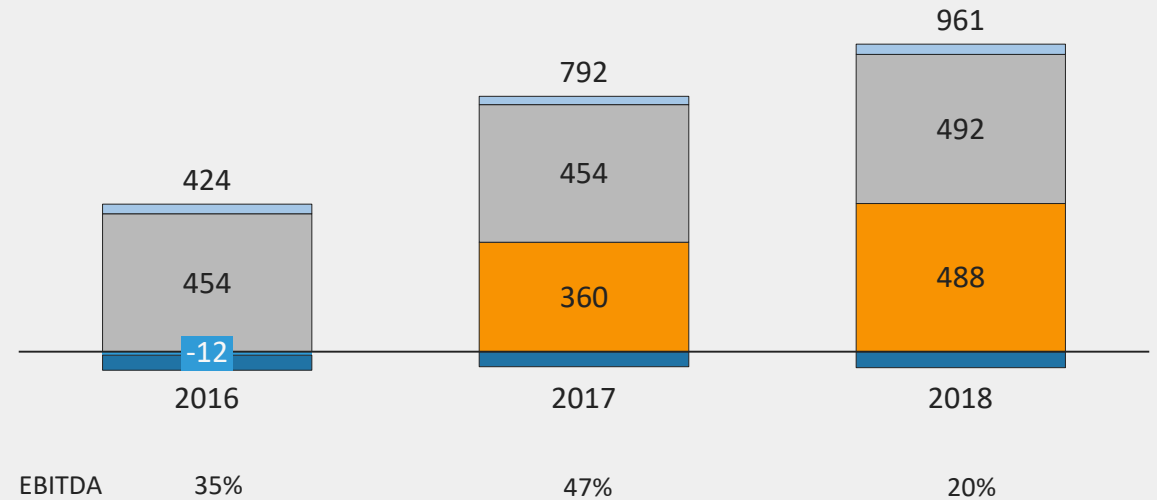
2018:

# Building a solid asset portfolio with attractive long term cash flows

### Proportionate revenues by segment (NOK million)



### Proportionate EBITDA by segment (NOK million)



# Delivering on the 2018 guidance and targets

Presented at Q4'17, January 2018:

## 2018 guidance and targets



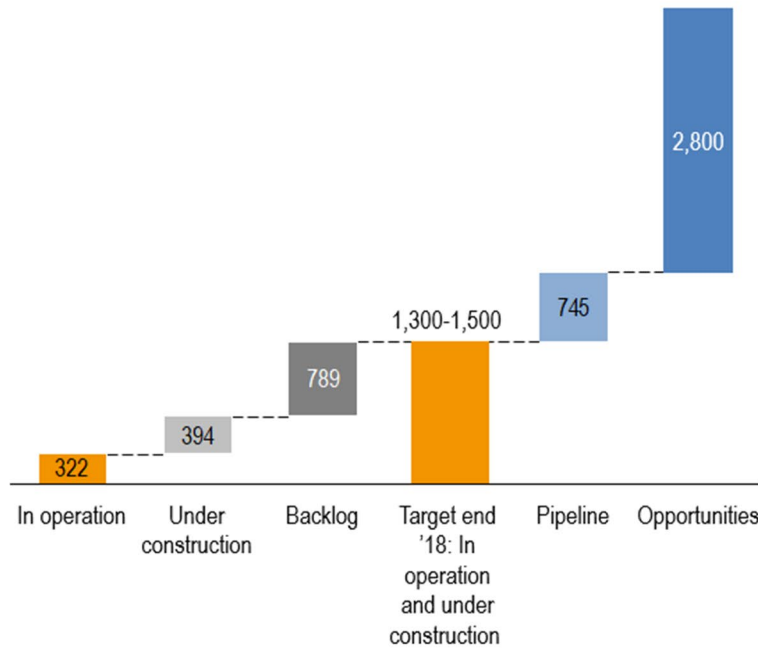
### Return and margin targets:

- Average equity return of 15% after tax on investments in new solar power plants ✓
- Project development and construction (D&C) gross margins averaging 15% ✓

### 2018 targets:

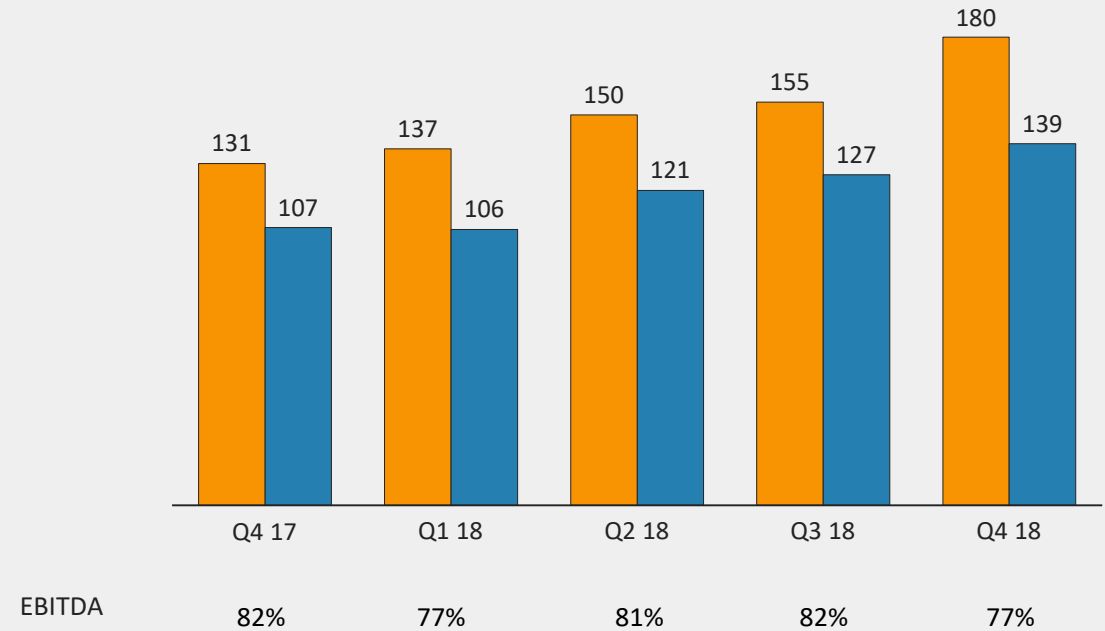
- Power Production - 635 GWh ✓
- O&M revenues of NOK 70-80 million and EBITDA margins of 40-45% ✓
- 2018 cash flow to SSO equity of NOK 160-180 million from plants in operation ✓

Growth target (MWs)

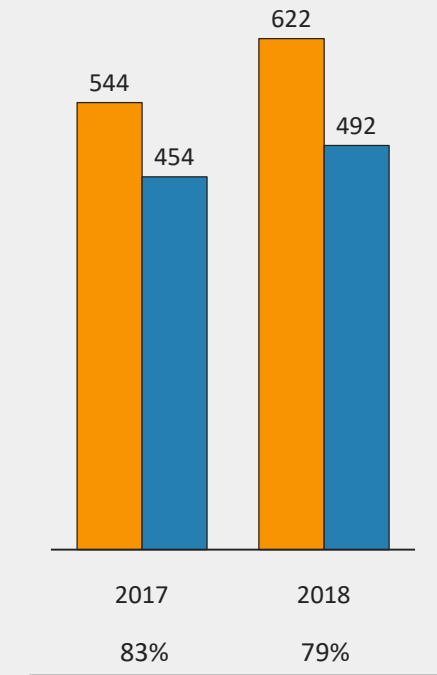


# New power plants in commercial operation - increasing revenues & EBITDA

Quarterly (NOK million)



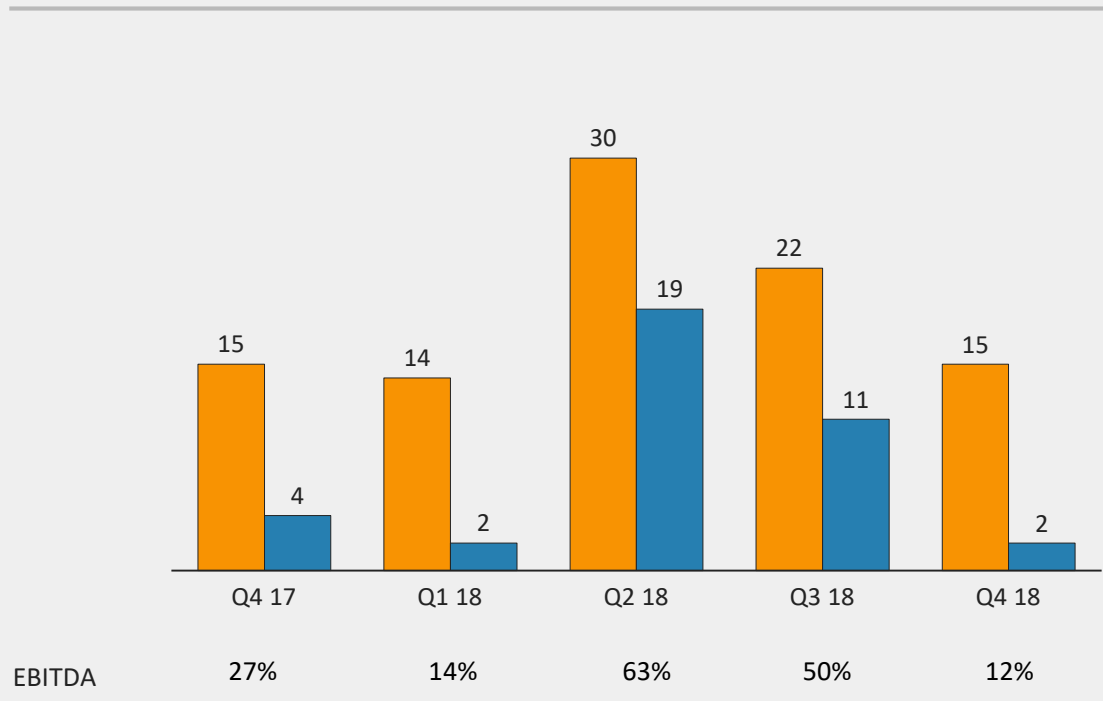
Full year (NOK million)



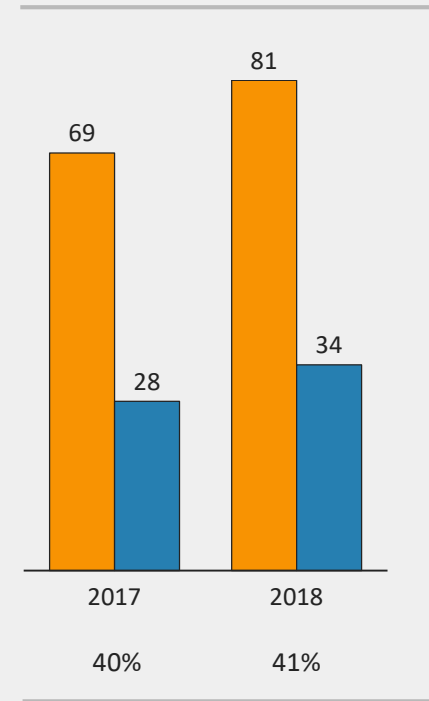
Revenues EBITDA

# Steady underlying operations – seasonal variations impacting results

Quarterly (NOK million)



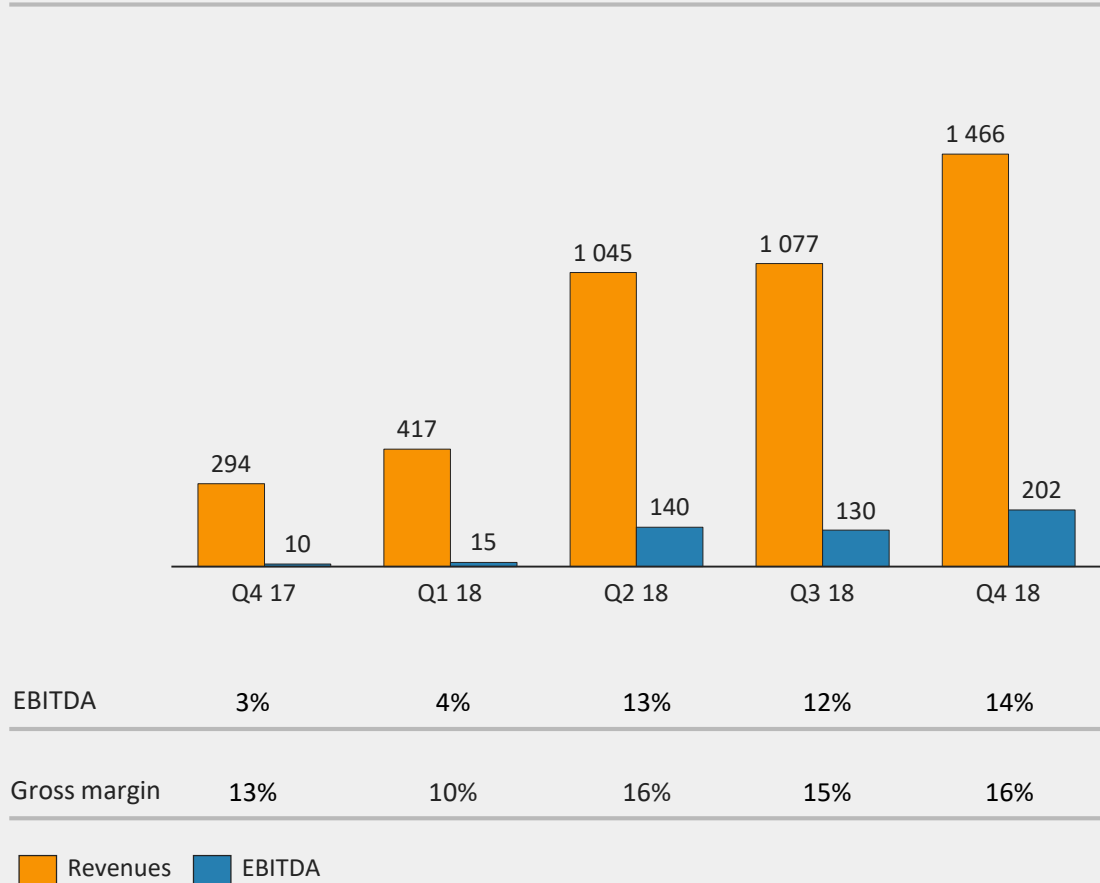
Full year (NOK million)



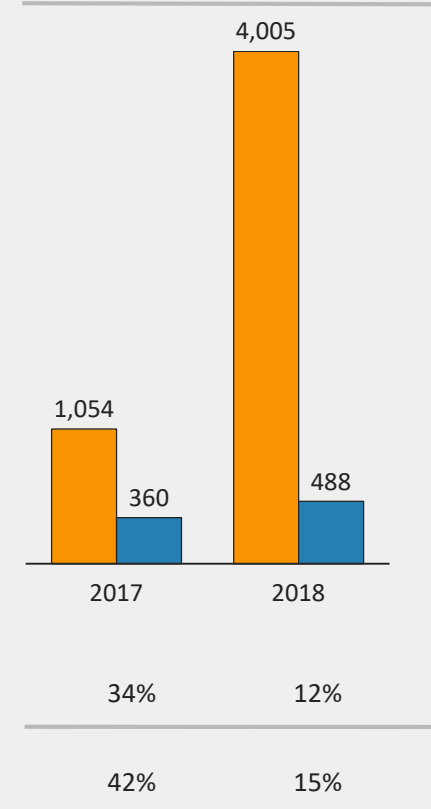
■ Revenues 
 ■ EBITDA

# Construction activities at all time high – delivering steady margins

Quarterly (NOK million)



Full year (NOK million)

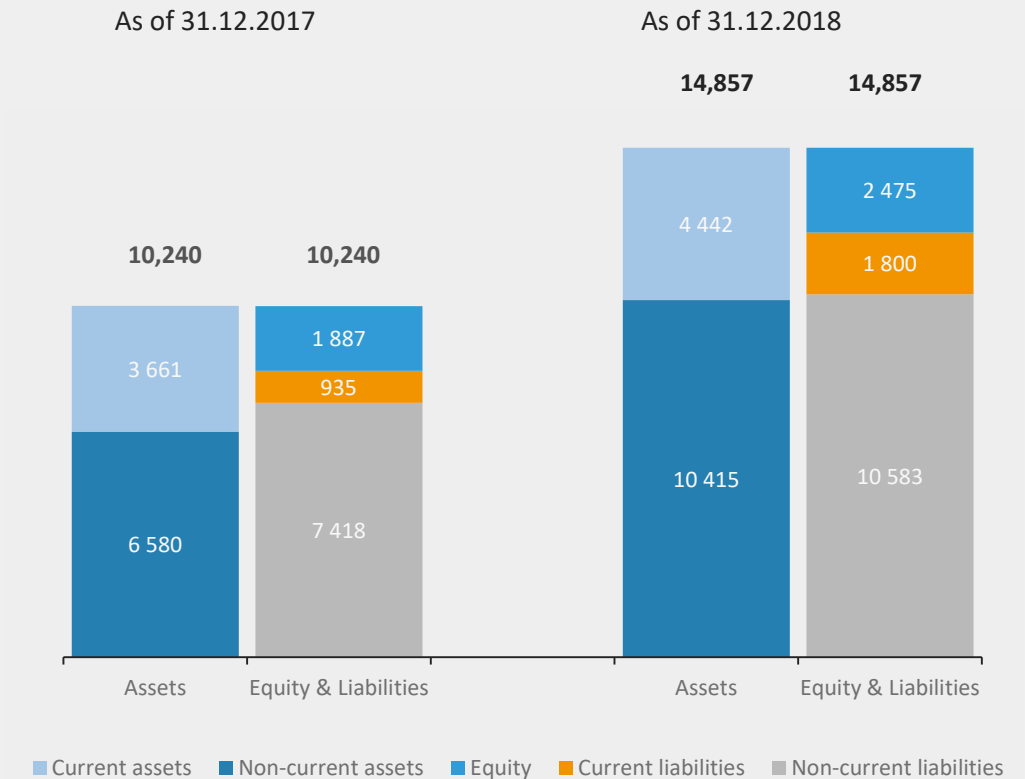


# A solid financial position

- Equity investments of about NOK 1.7 billion in the construction portfolio in 2018
- Group free cash of NOK 1,039 million + NOK 500 million available through undrawn credit facilities
- Group\* book equity strengthened to NOK 3,095 million – equity ratio of 81%

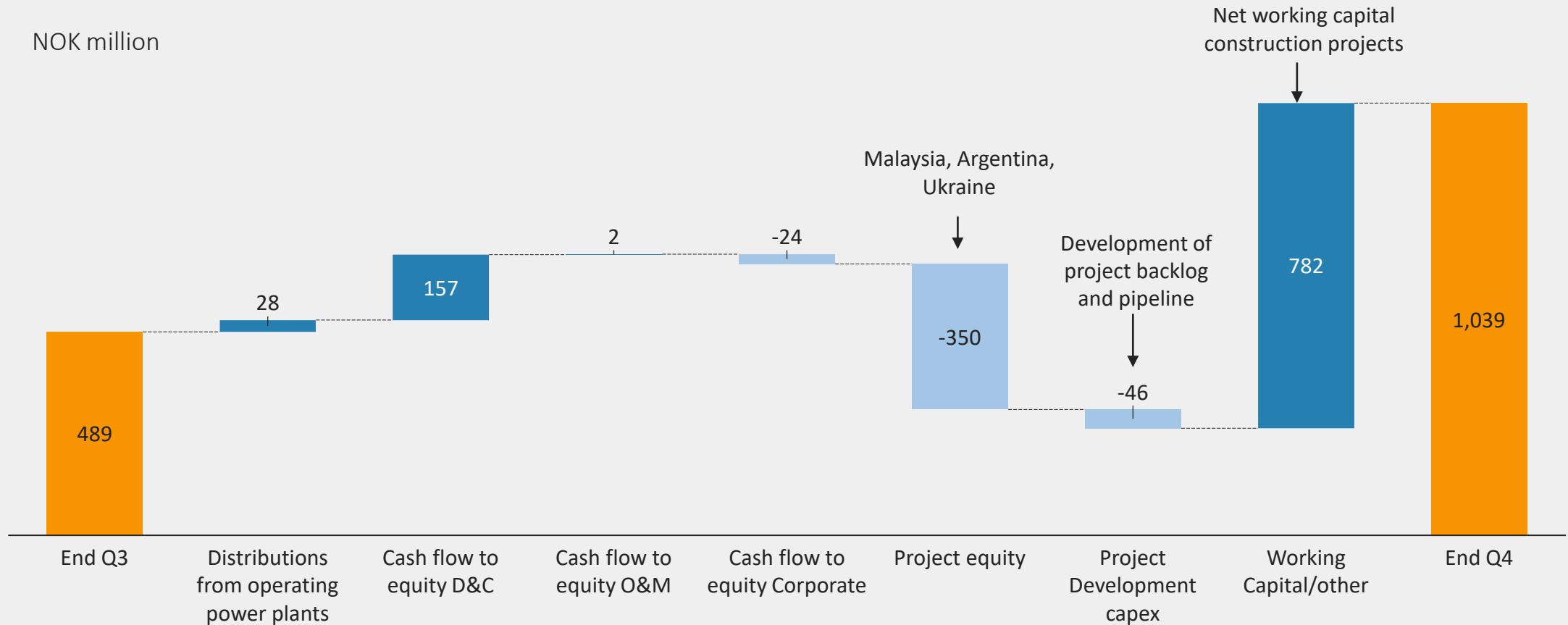
NOK million	Consolidated	SSO prop. Share	Group level*
Cash	3,303	2,588	1,039
Interest bearing liabilities*	-9,750	-6,772	-743
Net debt	-6,447	-4,214	-296

## Consolidated financial position (NOK million)



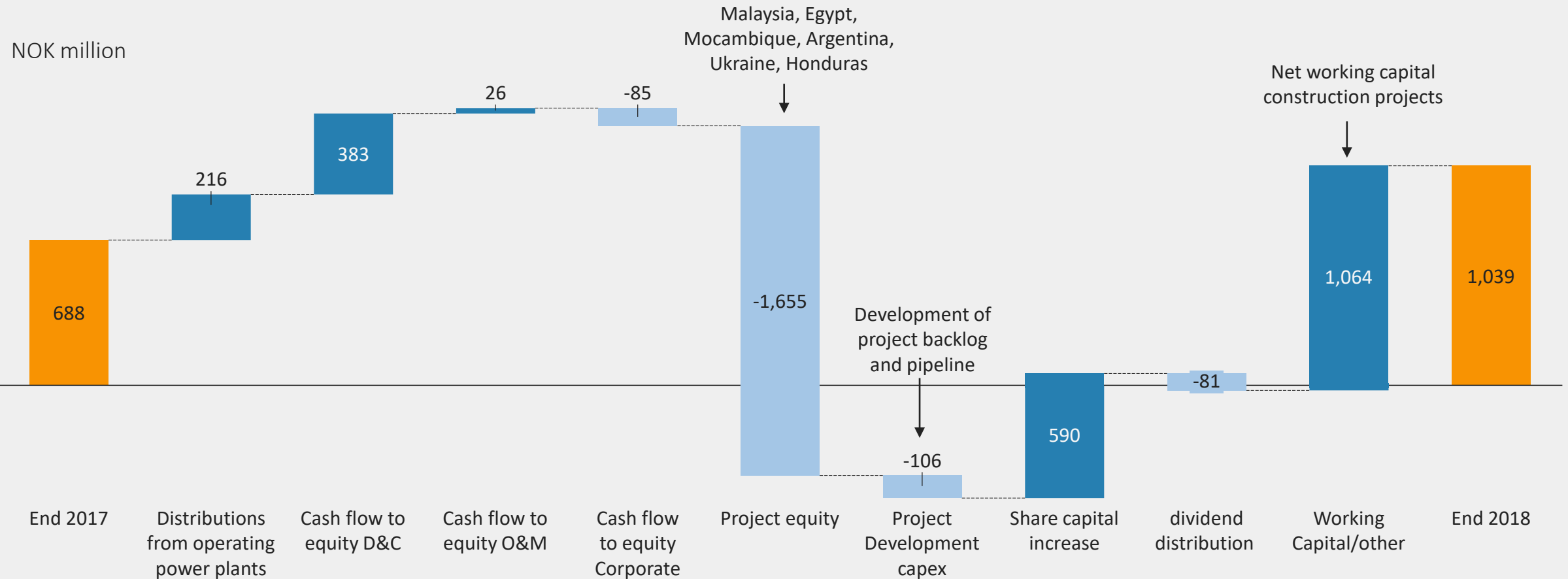
# Q4'18 movement of free cash at group level

NOK million





# 2018 movement of free cash at group level



# Short term guidance

- 2019 O&M revenues of NOK 110-120 million with an EBITDA margin of around 30%
- D&C value for 1.1 GW under construction: NOK 8.4 billion
  - Remaining NOK 4.8 billion value to be recognised
- Power production volumes from plants in operation:

GWh	Q4'18	Q1'19e	2019e
Proportionate	108	140-160	575-625
100% basis	224	260-300	1,050-1,150

- IFRS 16 lease - implemented from 2019



*The 35 MW Los Prados plant in Honduras.*

# There is a significant value of solar power plants post Power Purchase Agreements

## Post PPA value:

- Power Purchase Agreements of 20-25 years
- Technical life of solar plants of 35+ years
- Scatec Solar have secured land rights for 35+ years
- Market power prices are expected continue to increase – especially across emerging markets
- After 20 years the marginal cost of solar power production is very limited
  - Fully depreciated and debt free plants
  - No fuel cost
  - Limited cost of operation & maintenance



*The 40 MW Linde plant in South Africa.*

# Outlook and summary

Raymond Carlsen, CEO

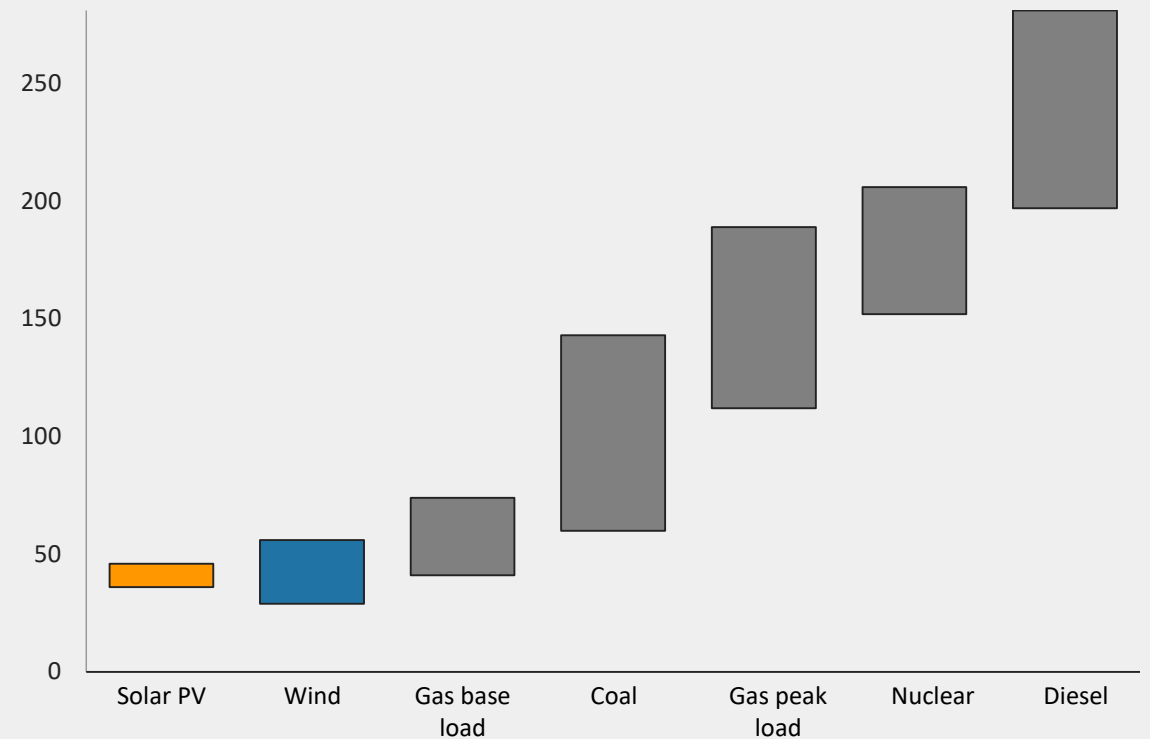


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# Solar is one of the most competitive sources of energy

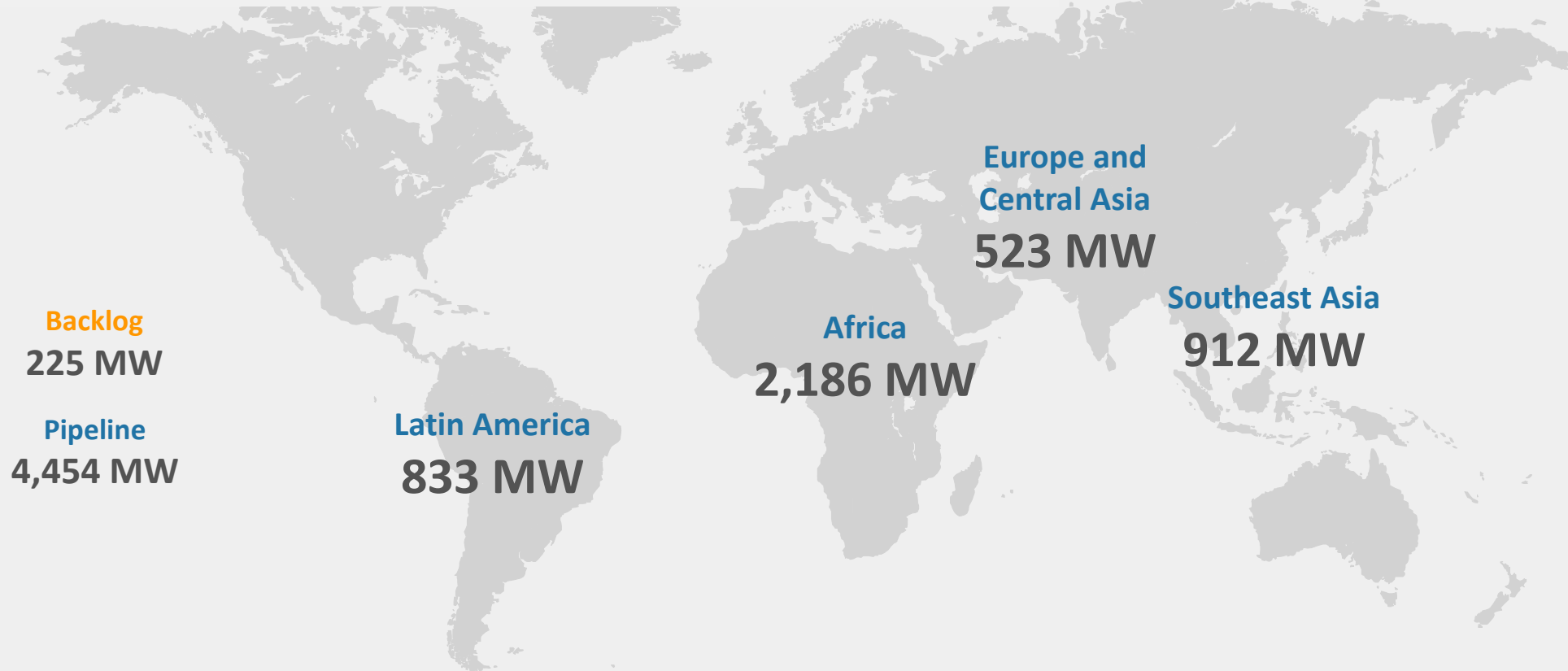
- The levelized cost of solar has come down 83% since 2010 – industry scale and technology
- Solar is now the lowest cost source of energy across the sun-rich regions globally
- Storage and hybrid solutions are expected to become increasingly important for demand
- New business propositions are emerging when solar is cost competitive with base load

Cost of alternative energy sources (LCOE, USD/MWh)



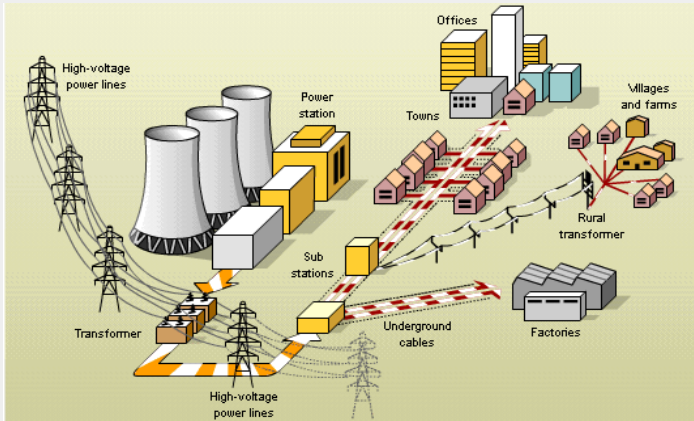
# Pipeline strengthened to 4.5 GW across our target markets

- Pipeline increased by more than 600 MW over the last quarter
- Systematic project development efforts in a number of key markets



# Several attractive market opportunities with corporate off-takers

## Wheeling



- Power generation at large solar plants
- Distribution through the grid
- Regulation for grid access required

## Captive – net-metering



- Power generation at or next to customer site
- Legal framework and financing structure important for returns
- Relevant in all regions for large consumers

## Off grid - Hybrids



- Off-grid large consumers – often relying on diesel generated power (250 GW in Africa)
- Integrate solar with batteries & diesel gensets
- Relevant in Africa, Latin America and SE-Asia

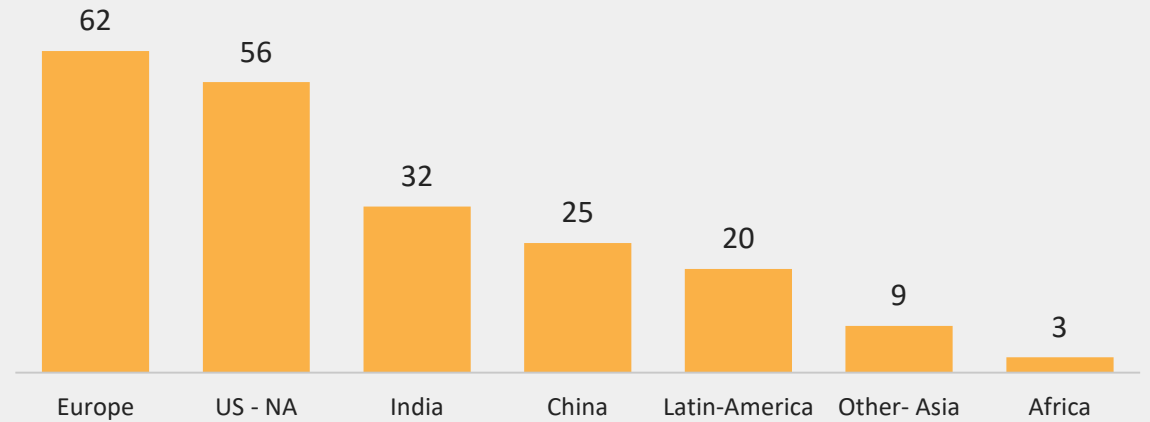
# Corporates active on renewables in OECD, but slower adaption in emerging markets



- RE100 is a global initiative with 100 influential businesses
- Committed to sourcing 100% renewable electricity
- The companies consume 188TWh annually

## Percentage of electricity sourced from renewables per region

RE100 members



- Sourcing of renewables is high in Europe and US due to de-regulated markets and available wheeling regimes and good tracking of origination

Source: RE100.org



# Sustainability and HSSE status 2018

## Project highlights

- Honduras: Grid connected the Los Prados plant with strong community and stakeholder efforts after experiencing social unrest locally
- Mozambique: Successfully implemented a livelihood restoration program for 220 households in line with the IFC Performance Standards
- Egypt: Strong efforts with Environmental & Social work streams to ensure compliance to international standards and requirements

## HSSE facts

- Delivered 6.3 million work hours across 10 projects in 9 countries
- Lost time incidents: 3
- Around 6,000 jobs created – mainly unskilled and local labour



*The Los Prados plant in Honduras.*

# Stronger global commitment and reporting

- Global commitment: Became a signatory to the UN Global Compact
- Climate reporting: Preparing to report to the Carbon Disclosure Project (CDP) in May 2019
- UN Sustainable Development Goals: Focusing on our core business and our direct contributions to selected goals
- Sustainability reporting: Ranked amongst the top 15 leading companies of the 100 largest listed companies in Norway

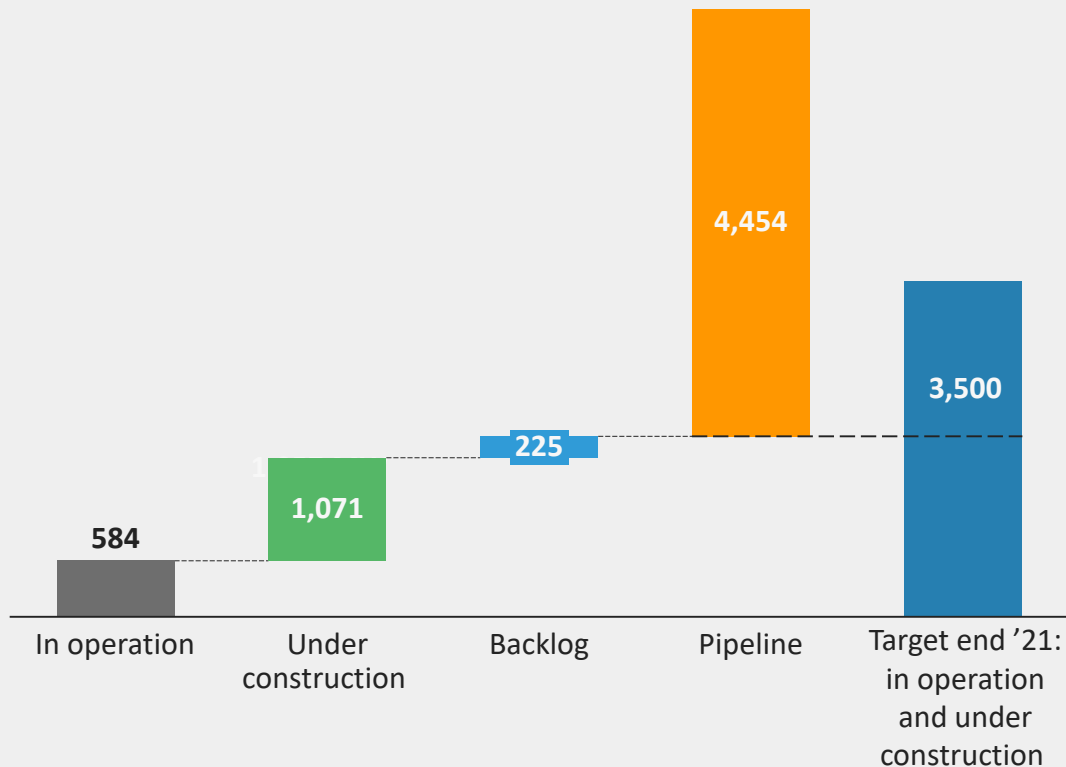


## SUSTAINABLE DEVELOPMENT GOALS



# Solid operational performance and strong financial results

## We will more than double installed capacity



## Summary

- **Effective execution of current project portfolio**  
1.1 GW under construction plus additional volumes to be secured in 2019
- **Secure growth in priority regions**  
Pipeline increased by more than 600 MW over the last quarter
- **Broaden commercial and technology scope**  
2019 expected to be a break-through for corporate PPAs
- **Optimize financing and asset portfolio to enhance value**  
Selective asset rotation as portfolio grows over time



Thank You!

# Consolidated profit & loss

NOK MILLION	Q4 18	Q4 17	FY 18	FY 17
<b>Total revenues and other income</b>	<b>343.9</b>	<b>281.5</b>	<b>1 213.2</b>	<b>1,491.5</b>
OPEX	-86.6	-74.1	-310.7	-250.2
<b>EBITDA</b>	<b>257.3</b>	<b>207.4</b>	<b>902.5</b>	<b>1,241.3</b>
Depreciation, amortization and impairment	-70.6	-59.8	-273.3	-248.1
<b>Operating profit</b>	<b>186.7</b>	<b>147.6</b>	<b>629.2</b>	<b>993.2</b>
Interest, other financial income	12.7	10.4	197.3	51.2
Interest, other financial expenses	-164.0	-146.7	-518.3	-523.8
Foreign exchange gain/(loss)	59.2	0.7	15.1	-59.8
<b>Net financial expenses</b>	<b>-92.1</b>	<b>-135.6</b>	<b>-305.9</b>	<b>-532.3</b>
<b>Profit before income tax</b>	<b>94.7</b>	<b>12.0</b>	<b>323.3</b>	<b>460.9</b>
Income tax (expense)/benefit	-18.8	-13.4	-97.4	-23.0
<b>Profit/(loss) for the period</b>	<b>75.9</b>	<b>-1.4</b>	<b>225.8</b>	<b>437.9</b>
<b>Profit/(loss) attributable to:</b>				
Equity holders of the parent	45.4	-34.9	139.8	339.1
Non-controlling interests	30.5	33.5	86.0	98.8
<b>Basic earnings per share (NOK)</b>	<b>0.40</b>	<b>-0.34</b>	<b>1.29</b>	<b>3.36</b>
<b>Diluted earnings per share (NOK)</b>	<b>0.40</b>	<b>-0.34</b>	<b>1.28</b>	<b>3.35</b>

# Consolidated cash flow statement

NOK MILLION	Q4 18	Q4 17	FY 18	FY 17
Net cash flow from operations	183.7	175.9	1,248.2	844.1
Net cash flow from investments	-1 268.1	-536.0	-3,732.1	-874.1
Net cash flow from financing	2 230.0	1 931.8	2 856.8	1 639.8
Net increase/(decrease) in cash and cash equivalents	1 145.5	1 571.7	372.9	1 609.8
Effect of exchange rate changes on cash and cash equivalents	116.4	172.5	66.7	116.1
Cash and cash equivalents at beginning of the period	2 040.7	1 118.9	2 863.1	1 137.2
<b>Cash and cash equivalents at end of the period</b>	<b>3 302.6</b>	<b>2 863.1</b>	<b>3 302.6</b>	<b>2 863.1</b>

Proportionate:  
**Segment results – Q4'18**

<b>Q4 2018</b>					
<b>NOK MILLION</b>	<b>Power Production</b>	<b>Operation &amp; Maintenance</b>	<b>Development &amp; Construction</b>	<b>Corporate</b>	<b>Total</b>
Revenues	180	15	1,466	5	<b>1,666</b>
Gross profit	180	15	232	5	<b>432</b>
<b>EBITDA</b>	<b>139</b>	<b>2</b>	<b>202</b>	<b>-14</b>	<b>329</b>
EBITDA %	77%	12%	14%	-	20%
EBIT	88	2	201	-15	<b>276</b>
EBIT (%)	49%	13%	14%	-	17%

<b>Q4 2017</b>					
<b>NOK MILLION</b>	<b>Power Production</b>	<b>Operation &amp; Maintenance</b>	<b>Development &amp; Construction</b>	<b>Corporate</b>	<b>Total</b>
Revenues	132	15	294	4	<b>444</b>
Gross profit	132	15	38	4	<b>188</b>
<b>EBITDA</b>	<b>107</b>	<b>4</b>	<b>10</b>	<b>-15</b>	<b>106</b>
EBITDA %	81%	25%	3%	-	24%
EBIT	68	4	7	-15	<b>66</b>
EBIT (%)	52%	25%	2%	-	15%

# Proportionate: Segment results – Q4'18

NOK MILLION	PROPORTIONATE					TOTAL	RESIDUAL OWNERSHIP INTERESTS	ELIMINATIONS	CONSOLIDATED
	POWER PRODUCTION	OPERATION & MAINTENANCE	DEVELOPMENT & CONSTRUCTION	CORPORATE					
External revenues	169.2	0.2	-	-	-	169.5	141.9	-	311.4
Internal revenues	10.9	14.6	1,466.5	4.6		1,496.6	111.1	-1,607.7	-
Net gain/(loss) from sale of project assets	-	-	-	-		-	-	-	-
Net income from JV and associated companies	-	-	-0.7	0.4		-0.3	-	32.8	32.5
<b>Total revenues and other income</b>	<b>180.2</b>	<b>14.8</b>	<b>1,465.8</b>	<b>5.0</b>		<b>1,665.7</b>	<b>253.0</b>	<b>-1,574.9</b>	<b>343.9</b>
Cost of sales	-	-	-1,233.5	-		-1,233.5	-12.7	1,246.2	-
<b>Gross profit</b>	<b>180.2</b>	<b>14.8</b>	<b>232.3</b>	<b>5.0</b>		<b>432.2</b>	<b>240.4</b>	<b>-328.7</b>	<b>343.9</b>
Personnel expenses	-6.3	-6.8	-12.9	-12.5		-38.6	-0.1	0.9	-37.9
Other operating expenses	-34.7	-6.1	-17.1	-6.3		-64.2	-3.9	19.3	-48.7
EBITDA	139.1	1.8	202.3	-13.8		329.4	236.4	-308.5	257.3
Depreciation and impairment	-51.5	-0.2	-0.9	-0.8		-53.5	-33.8	16.7	-70.6
<b>Operating profit</b>	<b>87.6</b>	<b>1.6</b>	<b>201.4</b>	<b>-14.6</b>		<b>276.0</b>	<b>202.5</b>	<b>-291.8</b>	<b>186.7</b>



Proportionate:

## Project companies' financials – Q4'18

Q4 2018 NOK MILLION	CZECH REPub.	SOUTH AFRICA	RWANDA	HONDURAS	JORDAN	BRAZIL	MALAYSIA	OTHER	TOTAL
Revenues	14	102	2	22	15	10	4	11	180
OPEX	-4	-9	-1	-5	-3	-3	-1	-16	-41
EBITDA	10	93	2	16	12	7	3	-4	139
EBITDA margin	74 %	91 %	68 %	72 %	83 %	68 %	74 %	-37 %	77 %
Net interest expenses <sup>1</sup>	-5	-29	-2	-4	-7	-1	-	4	-44
Normalised loan repayments <sup>1</sup>	-7	-15	-1	-5	-6	-1	-1	-	-36
Normalised income tax payments <sup>1</sup>	1	-13	-	-	-	-1	-	2	-11
Cash flow to equity	-1	37	-1	8	-1	4	2	1	48
SSO economic interest	100%	45%	54%	51%	60%	44 %	100 %		

Q4 2017 NOK MILLION	CZECH REPub.	SOUTH AFRICA	RWANDA	HONDURAS	JORDAN	BRAZIL	MALAYSIA	OTHER	TOTAL
Revenues	11	85	4	11	15	-	-	5	132
OPEX	-3	-7	-1	-2	-2	-	-	-11	-25
EBITDA	8	78	4	9	13	-	-	-5	107
EBITDA margin	69 %	107 %	46 %	32 %	54 %	N/A	N/A		80 %
Net interest expenses <sup>1</sup>	-5	-24	-1	-4	-7	-	-	-	-41
Normalised loan repayments <sup>1</sup>	-6	-11	-2	-5	-4	-	-	-	-28
Normalised income tax payments <sup>1</sup>	1	-11	-	-	-	-	-	1	-9
Cash flow to equity	-2	32	1	-	2	-	-	-4	30
SSO economic interest	100%	39%	54%	40%	60%	-	-		