



Pareto has long experience within the renewable energy space

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WIND POWER



HYDRO POWER



SOLAR POWER



edda wind S

Private Placement of shares

NOK 1.2bn

Sole Financial Advisor



Joint establishment of Nordic Renewables company with HitecVision

N/A Sole financial advisor to TrønderEnergi



Private Placement of shares x5 NOK 800 / NOK 500m / NOK 200m / NOK 1,075 / NOK 600

Joint Bookrunner



Sale of 12 small-scale hydropower plants to Småkraft AS

Undisclosed

Sole Financial Advisor



Merger of Hafslund E-Co and Eidsiva Energi

NOK 90b
Financial Advisor to
Hafslund E-Co



Sale of Fortum's 10% stake in Hafslund Produksjon Holding to Svartisen Holding

EUR 160m

Financial Advisor



Private Placement of Shares and collaboration with Hafslund

NOK 200m

Sole Global Coordinator
and Sole Bookrunner

A K E R H O R I Z O N S

Private Placement of shares and Listing on Euronext Growth

NOK 4,565m

Joint Global Coordinator
and Joint Bookrunner

RECSILICON

Private Placement of Shares

NOK 1,000m

Island

Joint Bookrunner

CADELER

Private Placement of shares NOK 1.018m

Joint Managers and Joint Bookruppers A K E R H O R I Z O N S

Private Placement of shares and Listing on Euronext Growth

NOK 4,565m

Join Global Coordinator and Joint Bookrunner



Merger with Aker Horizons

NOK ~2,043m

Sole Financial Advisor



Acquisition of 33.2% of the shares in Kvænangen Kraftverk AS

NOK 332m

Sole Financial Advisor



Sale of BKK's 35.1% stake to Norfund

NOK 1.3bn (100% EV)

Financial Advisor

Hafslund (§)

Acquisition of Hafslund ASA and subsequent sale of assets by City of Oslo

NOK 47.8bn

Sole Financial Advisor

Undisclosed (closing expected Q1 '23)

Senior Secured (Green) Bond

EUR 150m

Sole manager



Private Placement of shares

NOK 600m

Joint Bookrunner

Investment by Macquarie Asset Management

50% of outstanding shares

Financial Advisor

hexicon

Private placement of convertible loan

SEK ~82.5m
Sole global coordinator
and bookrunner



Rights issue SEK 120m

Joint Global Coordinator Joint Bookrunner



Sale of shares in Odal Vindkraftverk to Cloudberry | US PP

Sole Financial Advisor to KLP and Akershus Energi | Sole Manager



Sale of shares in Haugaland Kraft AS

Sole Financial Advisor

SL Capital Partners

Acquisition of Nordic Power from Nordkraft

Undisclosed

Financial Advisor for SL Capital Partners

Aquila Capital

Acquisition of Småkraft, Norsk Grønnkraft and shares in Tinfos

Financial Advisor for Aquila



Senior Secured Project Bond Issue AUD 90m

Sole Arranger



Sale of a 7% stake in REC by Hafslund

NOK 238
Sole Bookrunner

5 year senior

secured bond

Joint Lead Manager



In-depth know-how and experience within solar power, hydro power and wind power...



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POWER SALES / GRID



BATTERIES, HYDROGEN & EV CHARGING



WTE & RECYCLING



skandia green:power

Private Placement of shares

NOK 12.5m

Sole Financial Advisor

SMART@ WIRES

Private Placement of shares SEK 1.450m

Sole Lead Manager



shares **NOK 155m**

Sole Lead Manager

HEIMDALL

Private Placement of

mattif

2x Equity raises in Wattif EV AS NOK 40m + EUR 50m

Sole Advisor

IPO on

Merkur Market

NOK 520m



Private Investment in Public Equity ("PIPE")

USD 600m

Capital Markets Advisor and Placement Agent



IPO on **Euronext Growth**

NOK 3.450m

Joint Bookrunner



Sale of shares in Fortum Equity private placement Oslo Varme to Hafslund

EV: NOK 20bn

Strategic and financial advisor to the City of

KVITEBJØRN

Sale of shares in Kvitebjørn Varme to Patrizia Infrastructure

Sole financial advisor to Kvitebjørn Energi

(·) Fjordkraft

Acquisition of Innlandskraft NOK 1.4bn

Sole Advisor

VOLUE

Equity PP

NOK 1bn

Joint Bookrunner

TrønderEnergi[®]

Sale of TrønderEnergi's power retail division to Fiordkraft

Undisclosed

Sole Bookrunner **Financial Advisor**



Merger with Aker Horizons

NOK ~3.776m

Sole Financial Advisor



Convertible loan

EUR 30m

Joint Global Coordinator and Bookrunner



IPO on **Euronext Growth**

PulPac

EUR 31m

Sole Advisor

NOK 476m

Sole Global Coordinator and Bookrunner



IPO on **Euronext Growth**

NOK 575m

Joint Bookrunner



Private Placement of shares

NOK 777m Oct 2020 NOK 400m Jan 2022

Joint Bookrunner



Fortum acquires 100% of Hafslund Markets

NOK 4.5bn Financial Advisor to Oslo municipality

nettpartner

Merger between EB Energimontasje and Nettpartner

Financial Advisor

Statnett

Financial Advisory

AZELIO

IPO on Nasdaq First North, Private placement of shares and riaht issues SEK 278m + SEK 271m +

SEK 300m Sole bookrunner | Joint Bookrunner



Private Placement of shares

SEK 60m Sole Bookrunner



Block Sales of Shares

SEK 465m Co-Lead Manager



Private Placement of shares **NOK 368m**

Joint Bookrunner



Private Placement of shares and IPO on **Euronext Growth**

NOK 287m Sole Global Coordinator and Bookrunner



Loan facility issue for financing of the Carbon Capture and Storage facility at Klemetsrud

Oslo

NOK 2.3bn

Sole Financial Advisor



... As well as power sales, grid, batteries, EV charging, hydrogen and WtE / recycling...



Pareto has long experience within the renewable energy space

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DIGITAL INFRASTRUCTURE





Financial Advisor to Lefdal Mine Datacenter



3 year senior secured bond + tap issue

NOK 835m

Sole Manager



Sale of company to Lyse Energi AS

Undisclosed

Sole Financial Advisor



Sole Financial Advisor



Capital raising

NOK 1.5bn

Joint Financial Advisor

ice group

Sale of Ice Group Scandinavia Holdings AS to Lyse AS

NOK ~5.56bn

Joint Financial Advisor to Ice Group ASA



Sale of company to Kysttele Holding

Undisclosed

Financial Advisor

TRANSPORT / OTHER INFRASTRUCTURE



NORTH SEA INFRA

Acquisition of 3.7% in

Nyhamna from Exxon



Property to Whitehelm Capital

NOK 2,725m

Financial Advisor



Refinance post acquisition

NOK 1.800m senior secured bond Sole Arranger



EUR 230m

Undisclosed **Financial Advisor** Sole Financial Advisor



acquisition of a majority stake in Sølvtrans

Undisclosed

Financial Advisor



Sale of Boreal

n.a

Sole Financial Advisor



Nordic Infrastructure Bond

NOK 6.500m Sole Financial Advisor and Bookrunner



Financial advisory

Undisclosed

Sole Financial Advisor



Financial Advisor



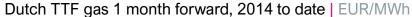


... Expert on infrastructure through numerous transactions with a broad range of assets



European fundamentals: Oil, Gas, Coal and CO2 prices

Carbon price remains high, while other commodities are trending towards normalization

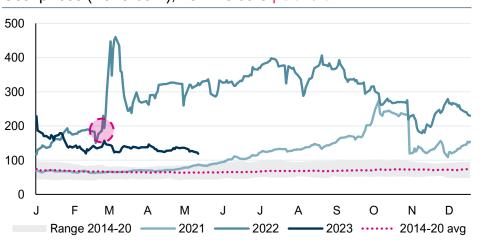




Brent oil prices 1 month forward, 2015 to date | USD/bbl



Coal prices (Rotterdam), 2014 to date | USD/ton

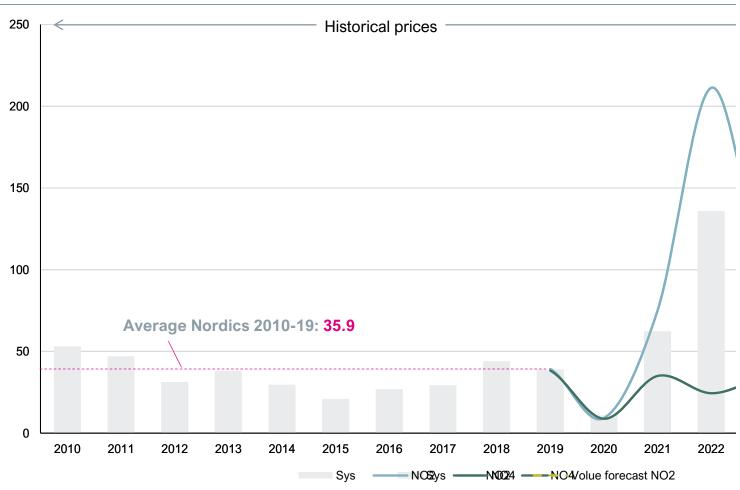


CO₂ prices, 2014 to date | EUR/ton



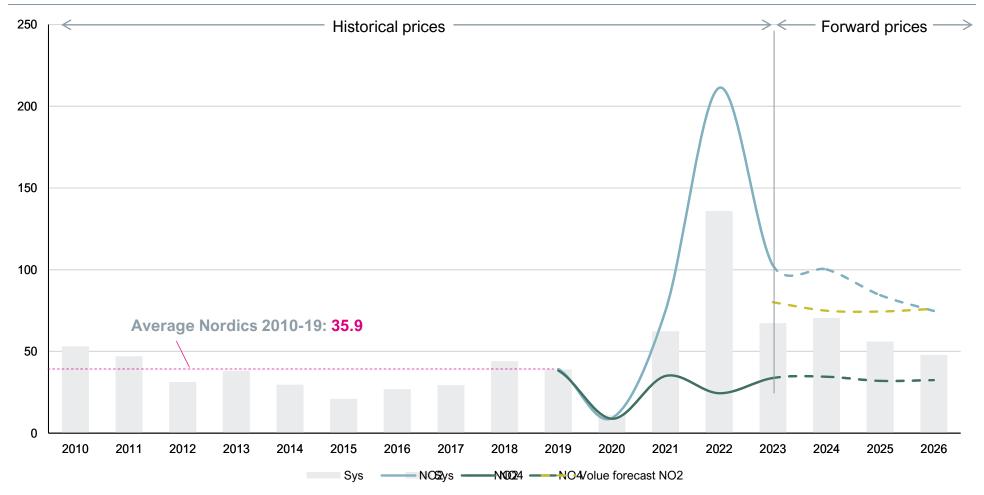
Still high forward prices

Historical and forward electricity prices | EUR/MWh



Still high forward prices

Historical and forward electricity prices | EUR/MWh

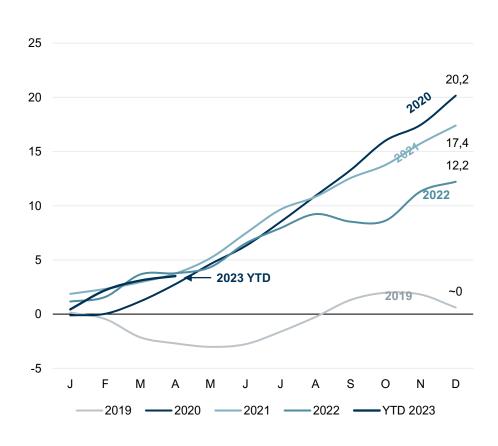


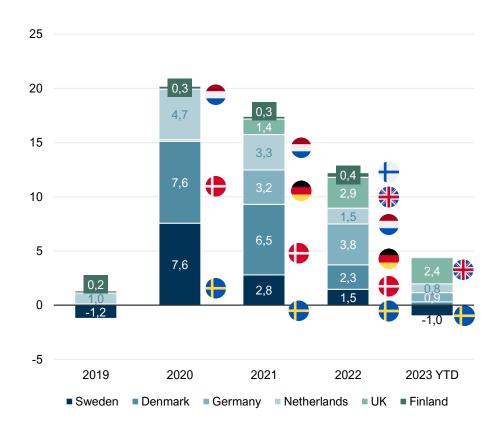
Norway's net export lower in '22, compared to '20 and '21

(And in 2019, Norway's net exports were ~ 0 TWh, with periods of net import)

Accumulated net exports 2019 – YTD 2023 | TWh

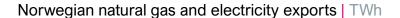
Net importers of Norwegian power | TWh

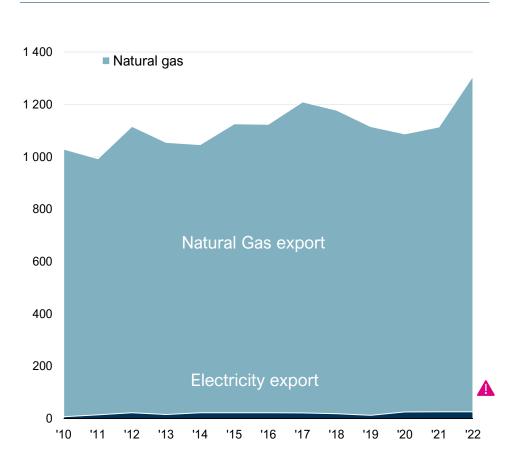




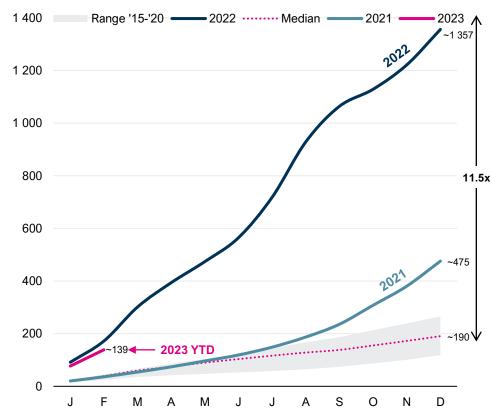
Norway exports more than 1 100 TWh of natural gas per year

Compared ~20 TWh in electricity exports the highest the last four years...





Export value of natural gas | NOKbn cumulative





We have 54 green companies listed on Euronext in Norway

31 companies listed on Euronext Growth, 21 on Oslo Børs and 2 on Euronext Expand

















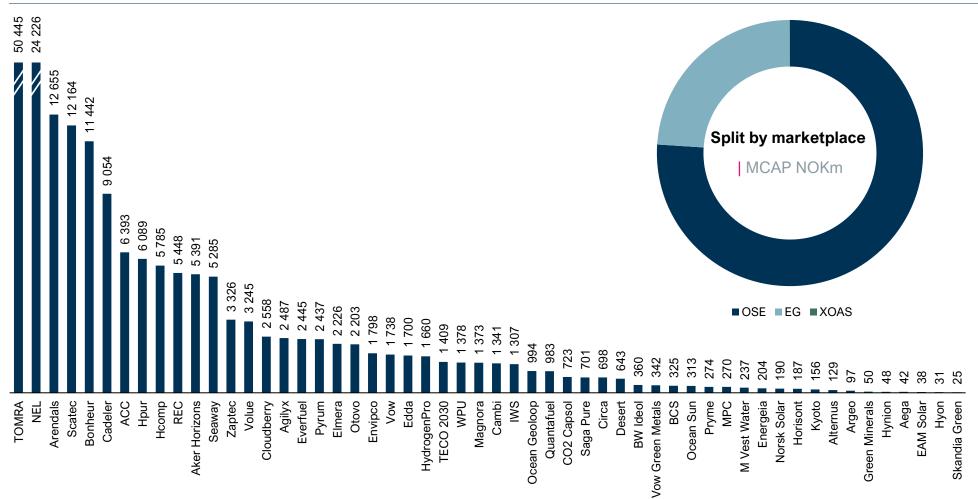




Market cap for green companies NOK ~197bn

41 of the 54 companies were listed in 2020, 2021 or 2022

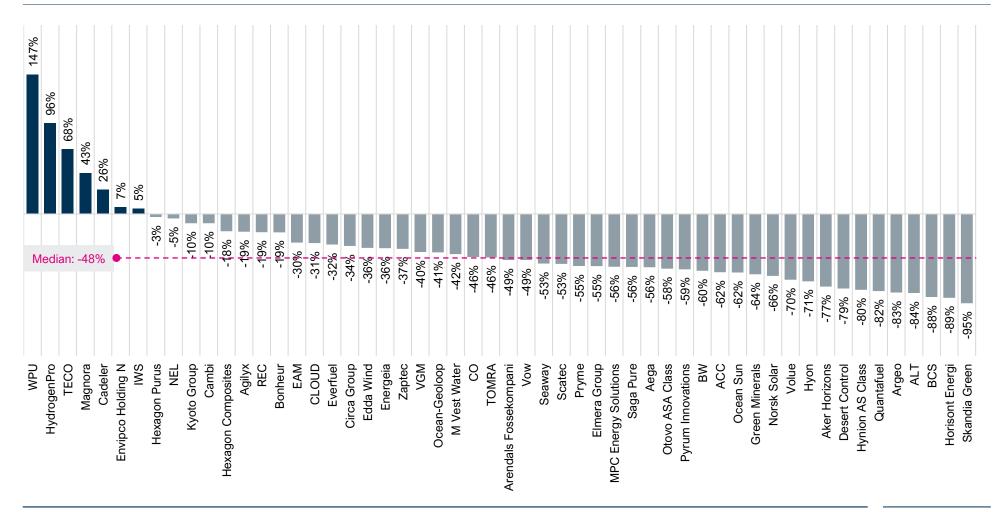
Public green companies sorted by size | MCAP NOKm



Median share price return of -48% since beginning of 2022

Only 7 out of 54 companies with positive return

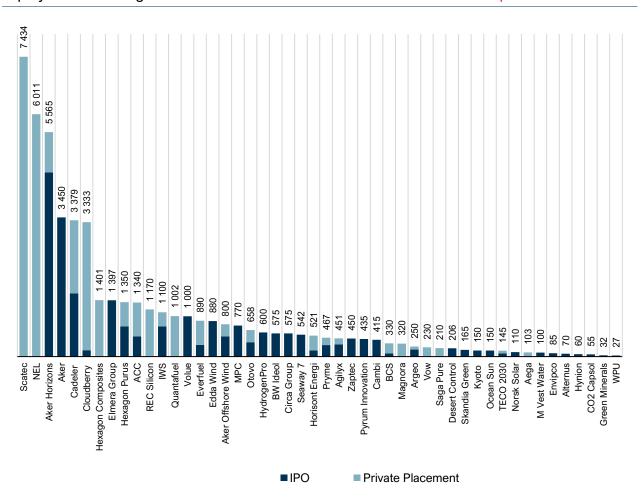
Share price return since beginning of 2022 | all 54 green companies, %

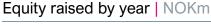


About NOK 51bn raised in "green" equity since 2017

~77% of the capital was raised in either 2020 or 2021

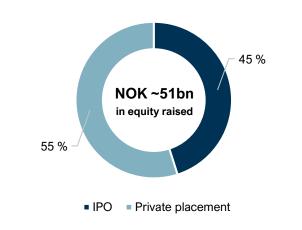
Equity raised through IPOs and Private Placements from 2017 to 2022 Nom. NOKm







Equity raised by issue type '17-'22 | NOKm

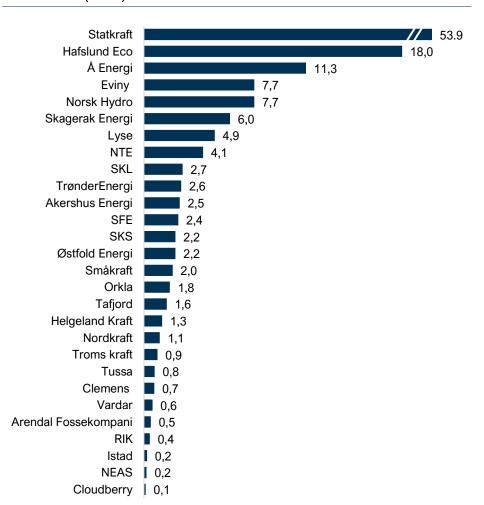




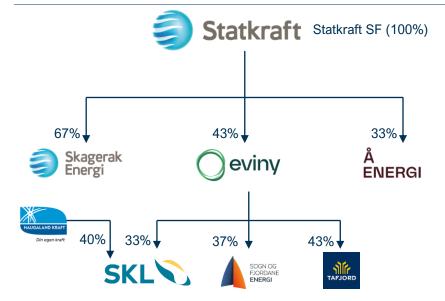
Producers and ownership structures in Norwegian hydropower

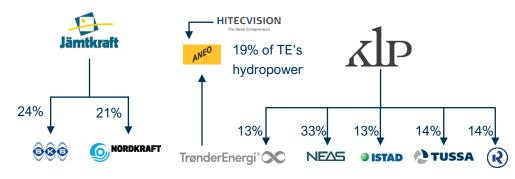
With a few exceptions (Orkla, Norsk Hydro and some small scale hydropower), Norwegian large scale hydropower is mainly owned by local municipalities and the Norwegian state

Production (TWh)*



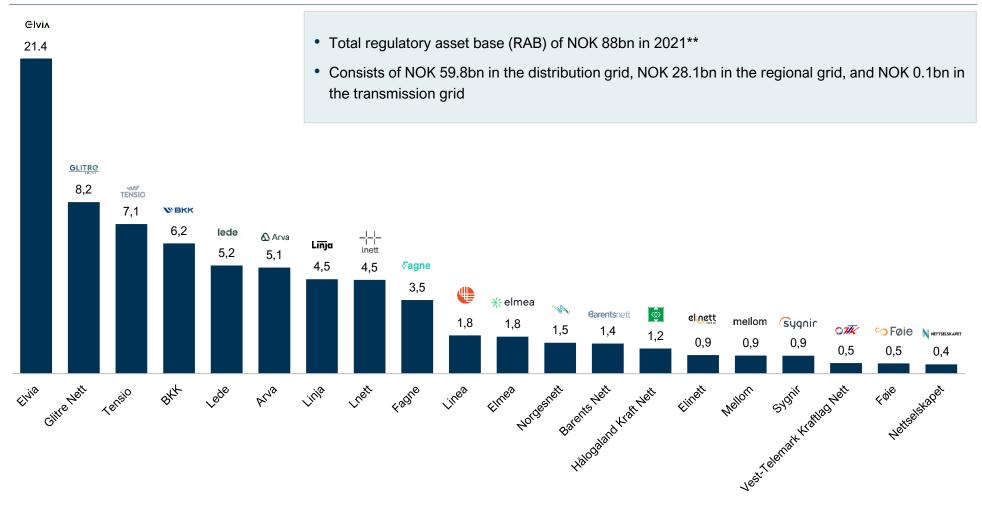
A selection of industrial ownership structures





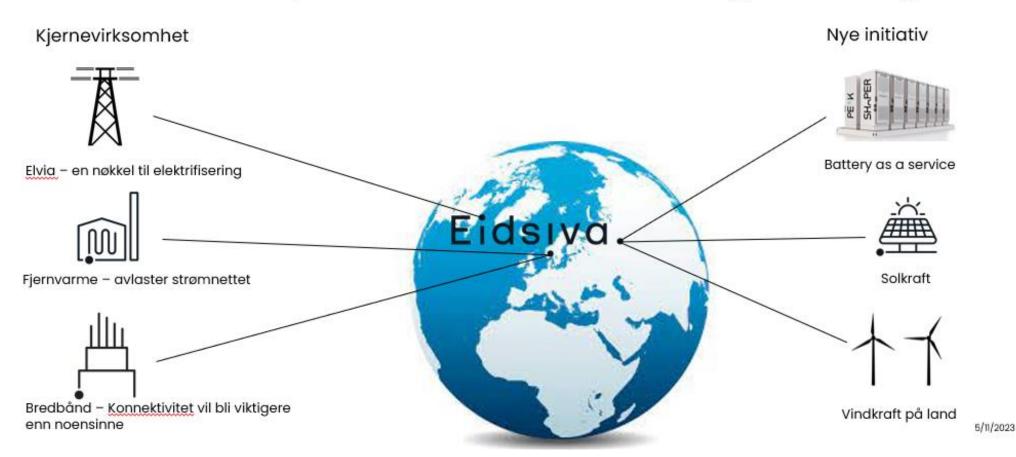
The 20 largest grid companies constitute ~88% of total RAB in Norway with NOK ~77bn excluding Statnett

Regulatory asset base (RAB) for the 20 largest players* as of year-end 2021 (NOKbn)



Hva satser Eidsiva Energi på

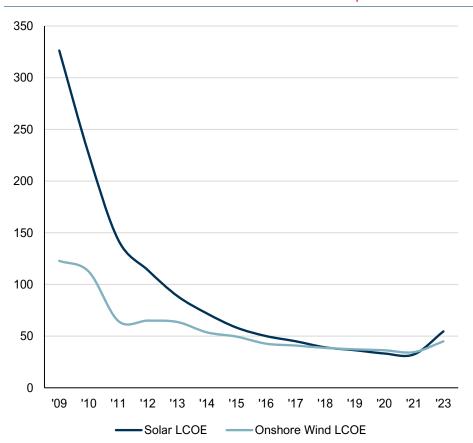
Eidsiva er plassert i sentrum av energiomstillingen



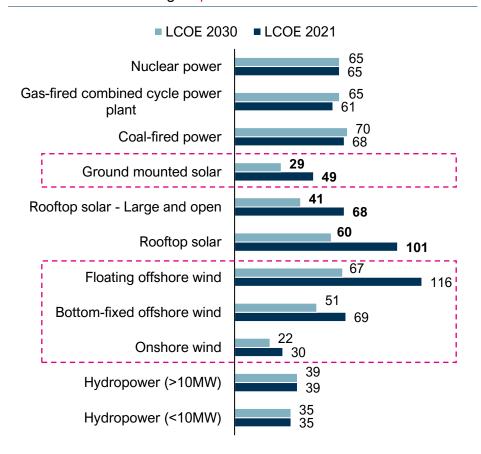
Pareto
Securities

Diminishing LCOE has enhanced activity in Norwegian solar





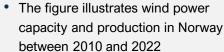
LCOE across technologies | EUR/MWh



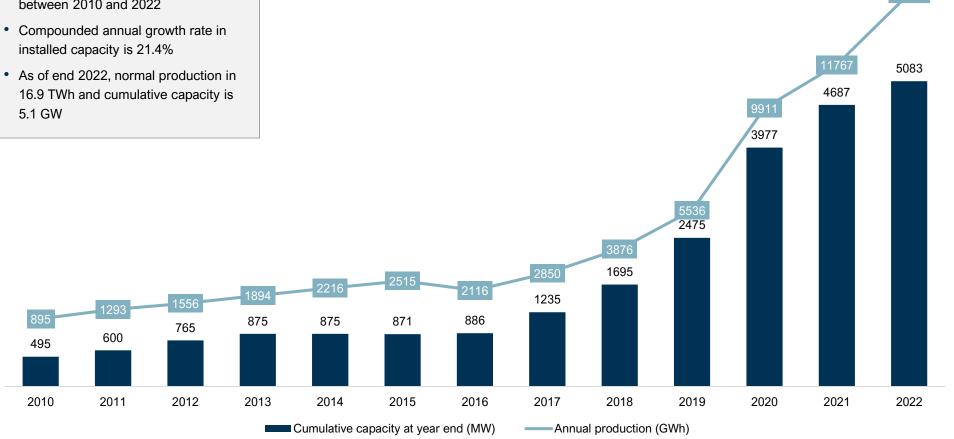
Onshore wind power installed capacity in Norway is 5.1 GW

14.8 TWh of wind power production in 2022

Installed capacity (MW) and annual production (GWh)



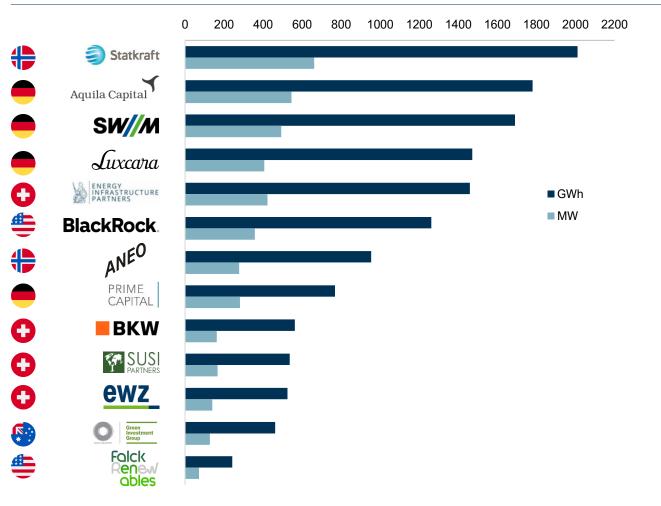
- installed capacity is 21.4%

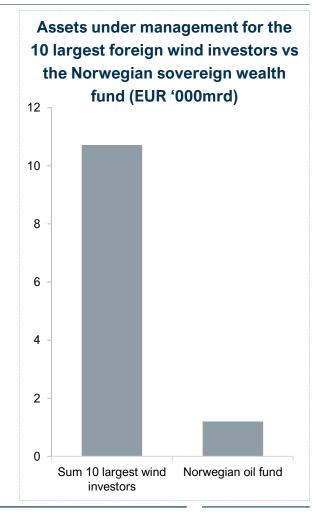


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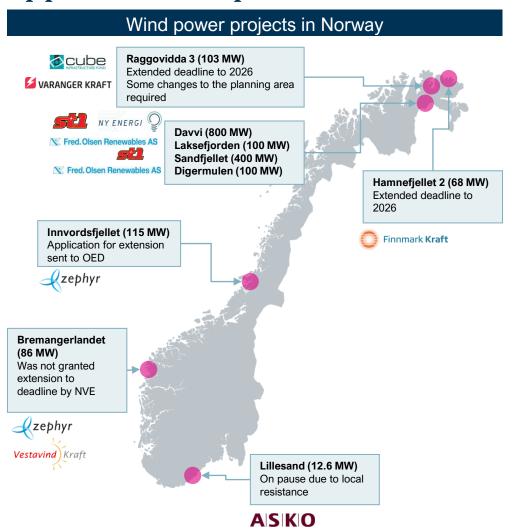
International pension funds own \sim 72 % of all wind power in Norway

Overview of the largest investors in wind power in Norway, based on normal production for the respective ownership share (GWh & MW)





No new wind power under construction and few concession applications in process





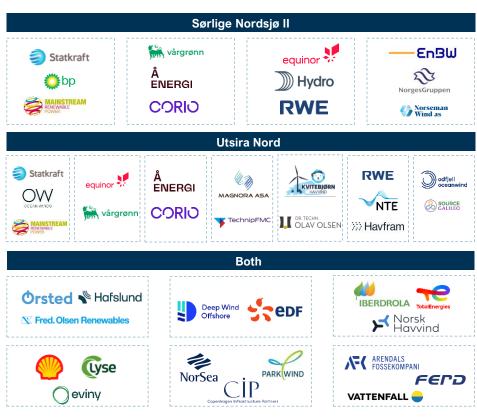
Davvi is an 800 MW projects in Lebesby, Finnmark
Prime wind resources with 9.3 m/s combined with
remote location and blockfield landscape

Sørlige Nordsjø II and Utsira Nord will be Norway's venture into offshore wind

Proposed areas for offshore wind in Norway

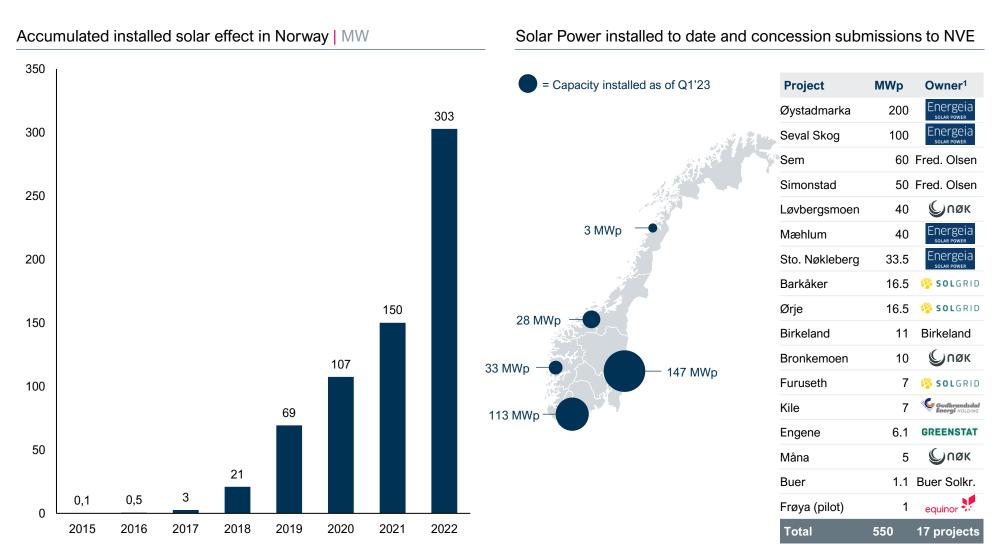


Overview of consortiums that have flagged their interest



Solar market to reach 500 MW in 2023?

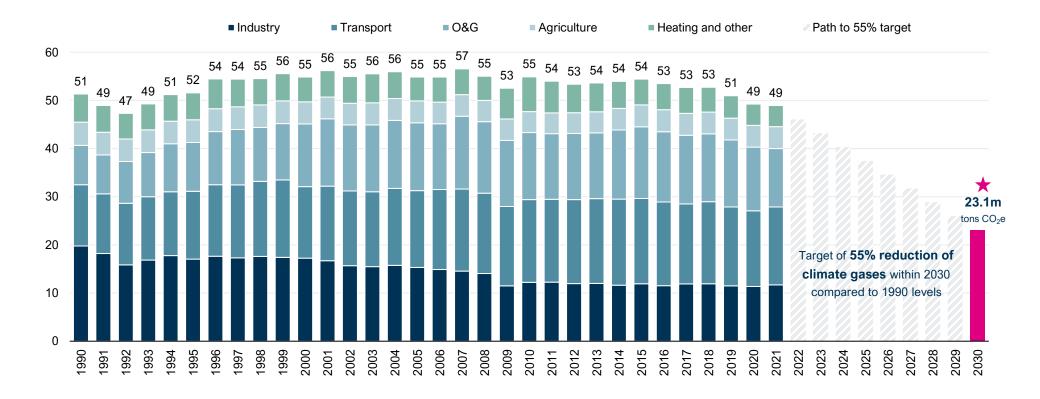
As much as ~550MW in concession process at NVE – much more to come



Norway has a target of 55% cut in CO₂ within 2030

Compared to the 1990 level of ~51 million tons CO₂ equivalents – this creates massive opportunities for renewable & cleantech

Climate gas emissions in Norway by source | Million tons CO₂ equivalents



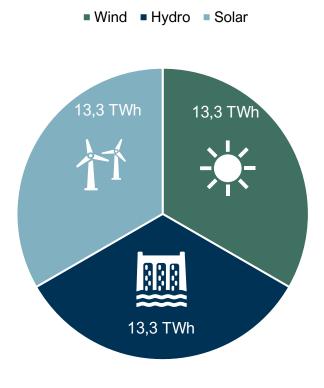


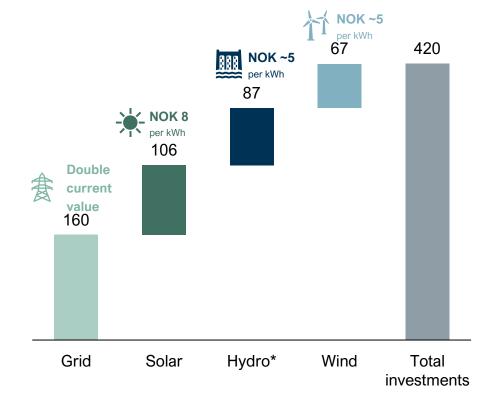
NOK +400bn required investments in Norwegian grid and renewables

To reach the energy commission's target of 40 TWh in additional production within 2030

Production growth to reach in our estimates | TWh

Est. investments to reach 40 TWh new power in Norway | NOKbn





How to reach 40 TWh of new renewable power within 2030



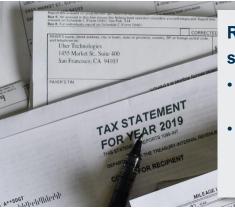
NVE and Ministry of Petroleum and Energy

- More resources is needed to shorten the permitting process
- Earlier involvement by the Ministry to speed up the process?



Municipalities' right to veto

- Do we have the right mechanisms in place to incentivise development of onshore wind?
- Municipalities need to plan for critical infrastructure needed



Renewable tax schemes in Norway

82 TRAVELED

- The ground rent tax is not the right medicine for onshore wind
- The windfall taxes ("Høypris bidrag") is not the right medicine to incentivise investment into pump storage hydro



Transmission and grid

- Statnett needs to build the grid highway
- The grid companies must be incentivised to invest in grid
- Digitalization of grid

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