

Customer presentation

May 2021

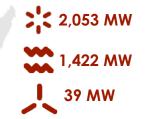
Release - A Scatec Company

Scatec – a 6 bn USD company













Develop, build, own and operate renewable energy







3.5 GW in operation and under construction



11.9 GW backlog & pipeline



More than 500 employees in 23 countries

15 GW Target by end 2025

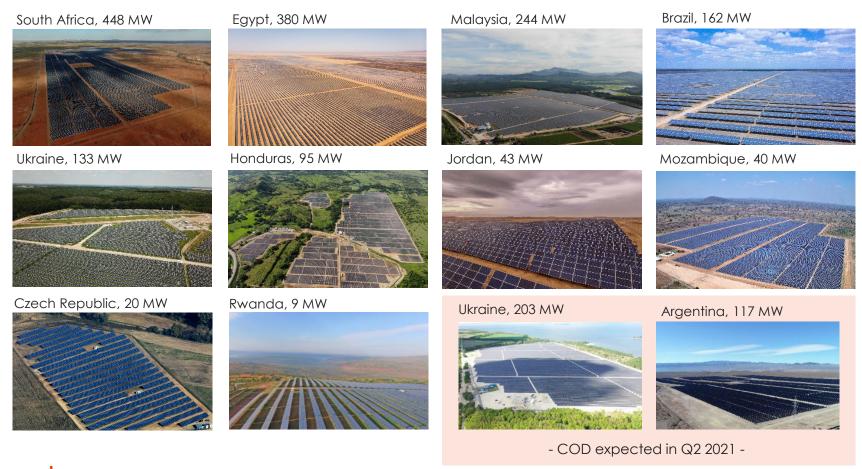
Listed on Oslo Stock Exchange as SCATC

Release is a fully owned subsidiary of Scatec



Scatec's track record: Solar

Utility scale: 1.9 GW in operation & under construction



Solar hybrid projects





South Sudan, 700kW, 1.4 MWh





Leaders in ESG



Experience from navigating complex markets



Identify **ESG risks** early via dedicated teams on the ground



Comprehensive set of policies and best practice





Rating summary: Low risk #1 of 450 – Utilities #1 of 48 – Renewable power producers



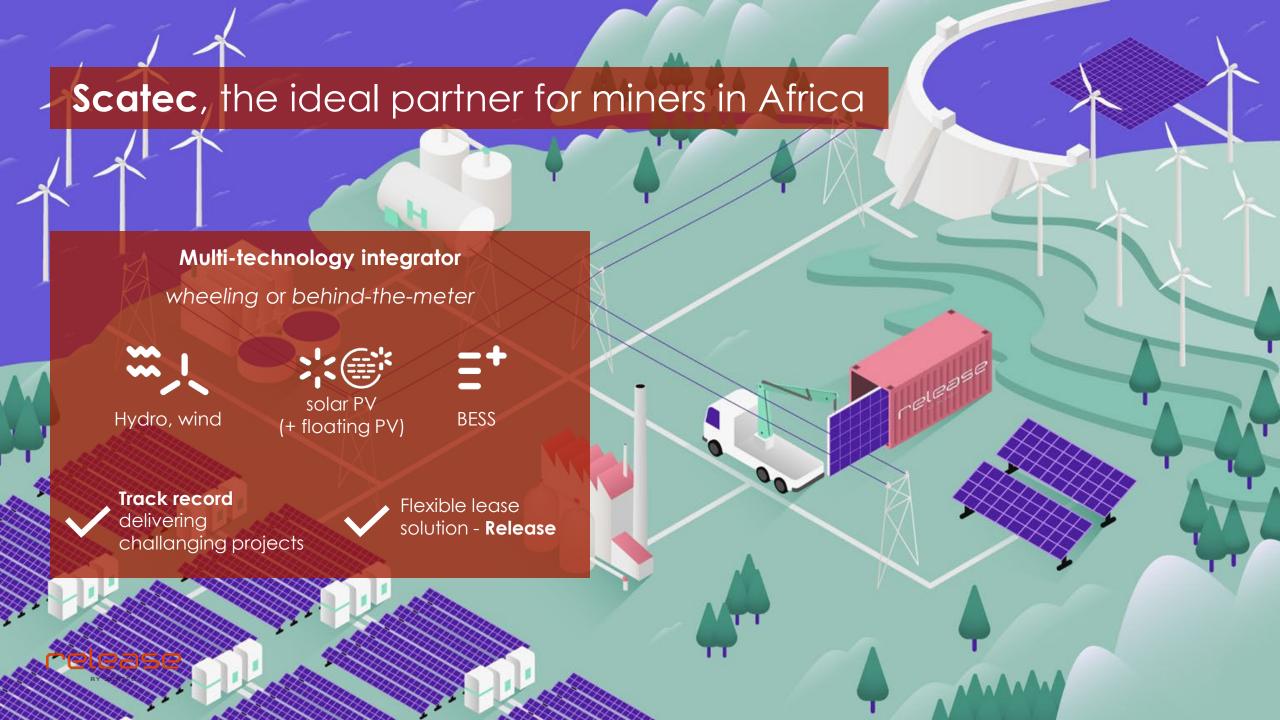
Rating: AAA (top rating)
Highest scoring range relative to
global peers



Rating: A- (excellent)
Status: Prime
Prime threshold: C+



Rating: A
Carbon Disclosure Project Top score



Release is flexible, simple and innovative

Rental solar and storage plug-and-play

Flexible



Redeployable, modular and scalable

Pre-assembled and containerised

Quickly installed (1-2 MW per week)

Simple



"All-in-One" rental contract, including Battery energy Storage

You only pay if it works

Pre-financed – option to extend or buy-out

Innovative



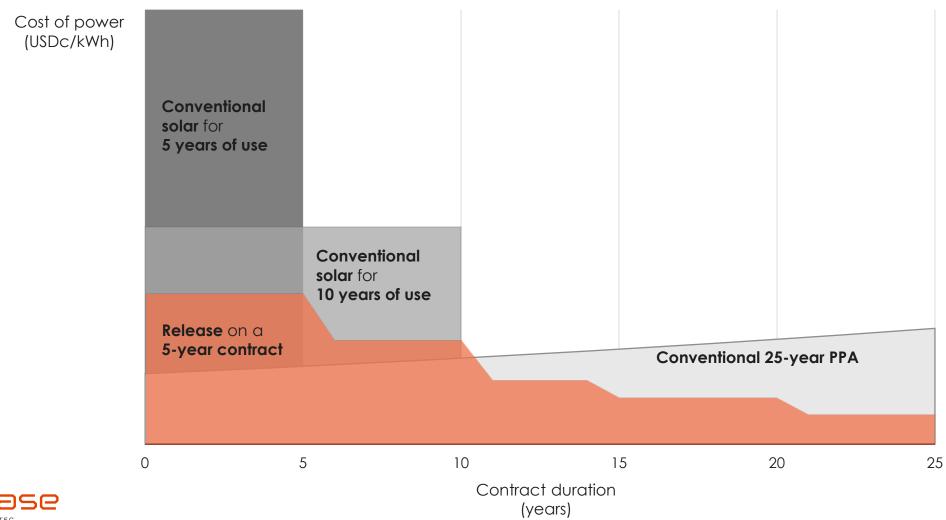
Short-term rental possible

Utility-scale - only movable solar with trackers and bi-facial modules

Integrated with existing infrastructure and monitored 24/7



Solving for a shorter project life





Leasing – a flexible alternative

FPC

- Heavy investment requires financing capacity
- Requires purchasing and technical competence from buyer
- Time consuming
- Requires O&M and service plan from buyer
- Best value if and in long term perspective
- Captive power provides flexibility on contracting and permits/licenses required

Leasing

- ✓ Limited upfront payments no financing requirement
- ✓ Short term flexible contracts one contract only
- ✓ O&M services and return-option of equipment to vendor
- ✓ Guaranteed performance
- ✓ Buy-out option
- ✓ Captive power relying on Lessee existing permits/licenses
- ✓ Immediate delivery of equipment from professional vendors
- ✓ Premium paid for flexibility

Power Purchase Agreement

- Long-term commitment no flexibility
- Time consuming
- Contract heavy significant obligations on Buyer
- Requires stand-alone generation licenses, land rights, permits and licenses from vendor
- Low cost per MWh while high break-up cost



Technical specifications



PV Modules

We use the latest PV technology: bifacial modules to optimise performance.

- Supplier: JA Solar (or similar Tier 1)
- Power Class: 400 Wp
- Technology: Mono PERC, double glass, framed
- Warranty: 12-year product warranty + 30year linear power output warranty





- Supplier: Cambridge Energy Partners
- Model: Release Nomad Savanna
- Technology: Single-Axis, East-West tracker. -45 to +45 degrees with back-tracking
- Wind speed tolerance: 44 m/s
- Slope tolerance: 15 %



Inverters

We use string inverters with less downtime and easy replacement.

• Supplier: Huawei

• Model: SUN2000-60KTL-M0

Power: 66 kWac (@30°C)



LVAC Combiner Box

Standard AC Combiner Box (integrated within the compact substation), with adjustments for each project.

Supplier: Various. Assembly and

testing by Rubicon

AC Power input: 10 x 66 kWac



Compact Substation

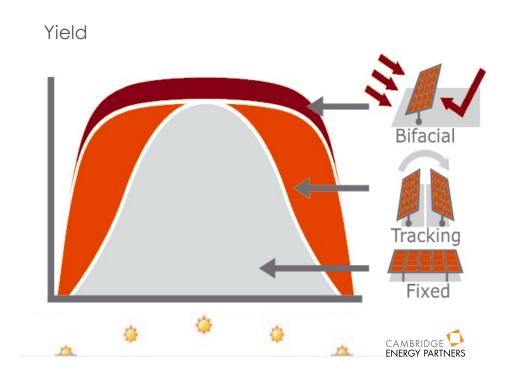
Per 1-2 LVAC combiner and BESS. 11 kV, 600-1600 kVA each Supplier: Zest Weg or similar





The world's first movable solar tracker

30-40 % higher yield vs other movable systems









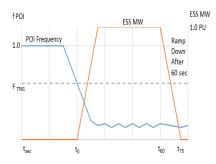
Solar PV + storage: Further fuel savings, engine optimisation and system stability

Battery storage (BESS) increase fuel savings and support overall system

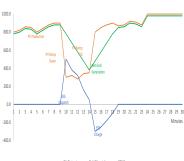
- Solar power dispatchable during evening/night
- Support to the existinggenerators and power system
- Generators running at more efficient load
- Provides spinning reserve and thus allows engines to be turned off during the day
- Enables a larger solar PV system compared to a PV-only solution
- Ultimate choice of supplier and BESS technology subject to its functionalities in the project



Frequency response

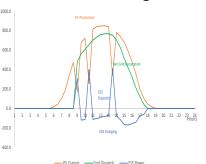


Ramp rate control

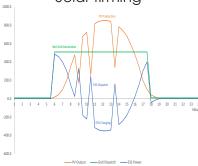


——PV Output ——Grid Dispatch ——ESS Powe

Solar smoothing



Solar firming



Solar shifting

Net Grid Generation

1 2 3 4 5 6 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 Hours

PV Output — Grid Dispatch — ESS Power



Storage is an integrated part of the Release offering

A battery solution adds benefits in combination with solar for diesel integration

	Fuel saving	Mixed power generation	24/7 solar power
PV in % of total power consumption	10-30%	40-50%	70-90%
Customer need:	Saving fuel costs	Unstable grid / power solution and inefficient generator utilisation	Remote locations with very expensive fuel supply
Storage solution:	None	Small battery mainly for power supply stabilisation	3-4 x standard PV capacity and large-scale battery

Cost reductions will enable wider use of batteries over the next 3-5 years, and increase solar PV share in energy mix



Execution Philosophy

Suggested split of responsibilities

Release

- Procures and delivers equipment to nearest port
- Provides full installation of equipment at site
- Guarantees performance and availability of equipment for contract duration
- Provides 24/7 monitoring and regular maintenance

Customer

- Obtains necessary permits
- Provides land and prepares the site (clearing, basic earthworks)
- Handles customs clearance for equipment and delivery of equipment to site
- Performs day-to-day maintenance tasks on site (module cleaning, vegetation control, simple electric works)
- Assists in local accommodation, identifying local workers, and machinery

The proposed split allows the customer to perform works it will likely be able to perform at a lower cost than Release.

The costumer's interest and ability to taking on this scope can be discussed further.

Timeline for execution

The overall timeline from signature to commissioning is approximately 6 months, of which ~4 months are related to transport.



16 MW of Release projects under construction



8.7 MW – Torex Gold Mexico

International customer
Project to be completed Q4
2021



7.7 MW – ZIZ, off-grid utility in Chad

Customer backed by FMO First containers shipped in March 2021 – full delivery within Q3





TOREX GOLD

Business case

Customer	Torex Gold, Toronto, Canada	
Project location	MML mine, 180 km SW of Mexico City	
Installed Capacity	8.5 MW _{DC}	
Contract term	Flexible 10-year lease with buy-out option from year-3 and BESS option	
Current power supply	National grid	
Target COD	December 2021	
Estimated Savings	US\$ 1m p.a.	





Case study: IOM MALAKAL - South Sudan

Scatec commissioned a combined solar and storage plant for the Humanitarian Hub in Malakal, managed by International Organization of Migration. The hub hosts more than 34 organisations involved with humanitarian projects. The hybrid system will cover up to 90 % of the Hub's energy demand with solar energy, reduce costs, pollution and carbon emissions, and provide a more reliable and robust energy supply.

Impact

CO₂ emissions reduced by 80-90 %

Initial cost reductions of ~20 %*

A robust and reliable energy supply

Technical solution

Hybrid solar PV and battery solution integrated with existing diesel generators

Guaranteed plant performance

24/7 monitoring, maintenance support

A 3-year initial leasing contract

Solar energy on a monthly invoice

In case of extension beyond 10 years, the plant is transferred to IOM

Commercial structure





System specifications

Solar DC capacity 700 kWp Mounting structures Fix-tilt; 15°

Battery system 1368 kWh Tesla Power Pack 2

Diesel generators Synchronised the existing

generators

Control system Tesla Micro grid Controller



^{*} further reductions as tariff is reduced over time

Partnership with IFC on utilities in Africa

Exclusive partnership agreement with **(DIFC** to offer Release to utilities in Africa



IFC provides financing and guarantee structures to support the rental contracts



Operating out of a joint company in the Netherlands

Most advanced project in a West-African country

36 MW solar and 24 MWh of storage at 3 sites
5-year Build-Own-Transfer model
Scheduled delivery 2021





Remote Monitoring

Through Scatec Global Control and Monitoring Centre (CMC) in Cape Town, South Africa

Scatec offices in Cape Town, South Africa hosts our world-class CMC facility. The CMC is active 24/7 and, thanks to Release design and communication hardware and software, we will be able to detect any faults or alarms in real time

The Release plant will be monitored alongside Scatec's 2GW of operating plants

Greater monitoring and diagnostic analysis will provide invaluable data for designing future large scale deployment

Monitoring is critical to optimising power performance and fault detection







Release – making solar simple

Why choose Release



Reduced energy costs



Limited upfront investments



Reduced fuel dependency



Clean energy



Flexible contract durations



24/7 monitoring and technical support



Quick installation Modular and scalable



Guaranteed availability and performance



nefits



