

reap
battery

BESS
DOĞRUSU!



0.5C 5 MWh
1C 3.73 MWh

reapbattery.com

BEST BESS SOLUTIONS

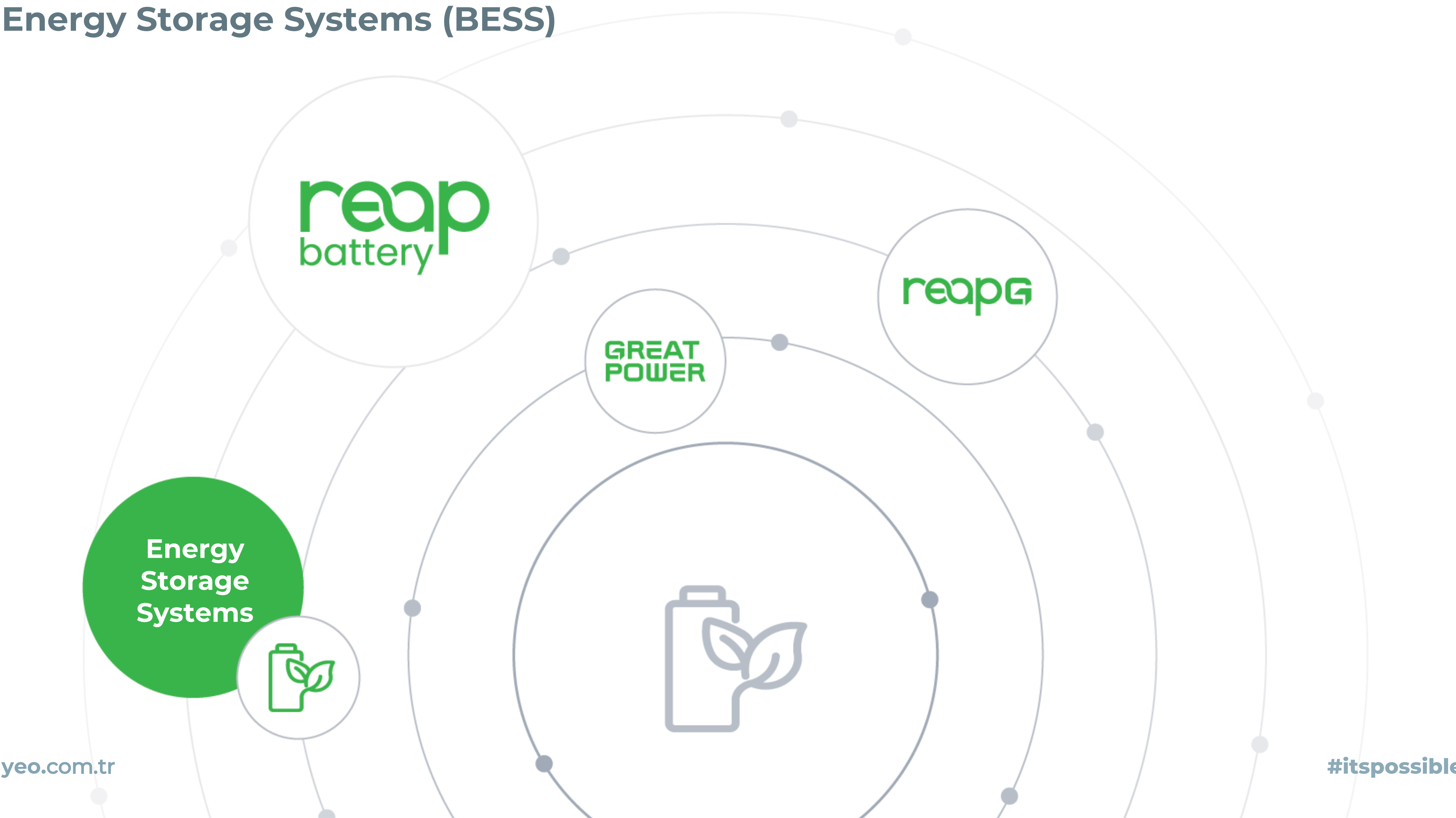
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Business Segments



Energy Storage Systems (BESS)





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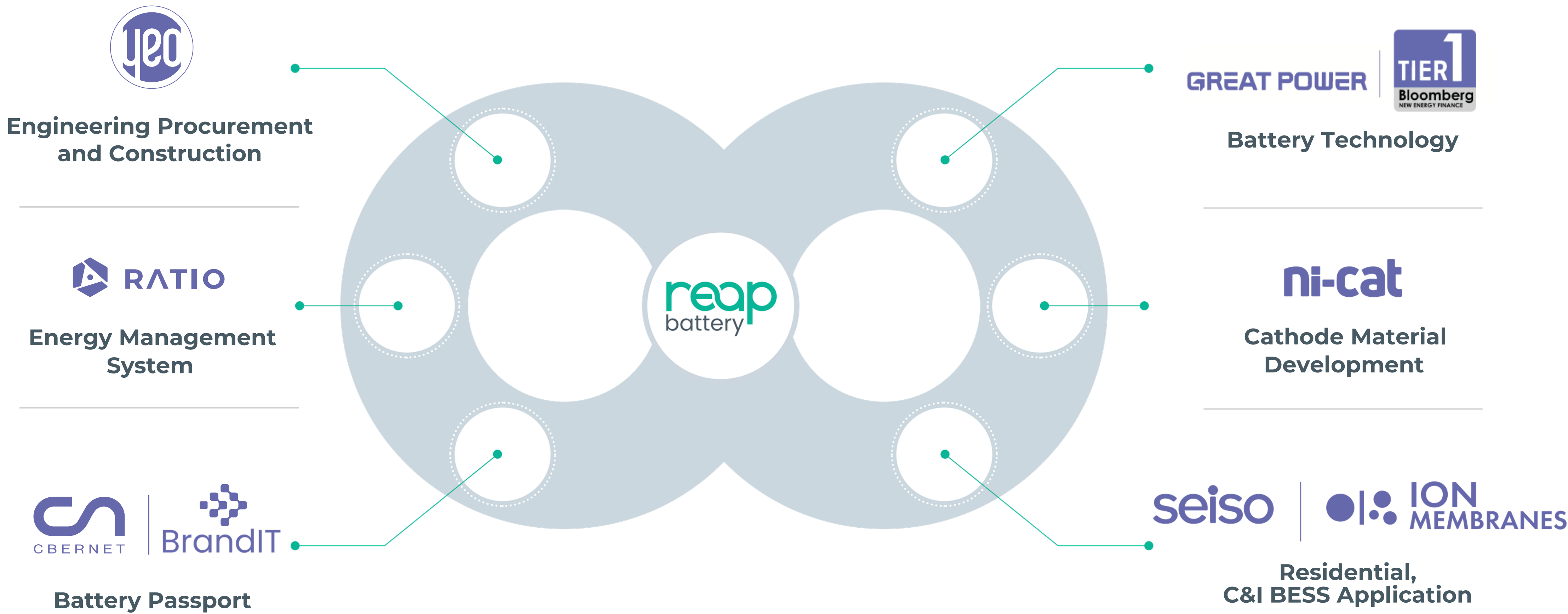
#itspossible



Reap Battery - Manufacturing Facility Investments



Reap Battery - Energy Technologies Ecosystem



Reap Battery - Products



Grid Scale Energy Storage

High-security, cost-effective containerized energy storage systems with capacities ranging from 3.73 to 5 MWh, available in both 0.5C and 1C configurations, for renewable energy power plants and standalone energy storage applications.



Commercial and Industrial Energy Storage

We offer unlimited solutions in different application areas 373 - 418 kWh capacity modular cabinet type energy storage systems.



Special Applications of Energy Storage

Special design energy storage systems with 5-418kWh capacity for telecom, industrial transportation vehicles, fast vehicle charging stations, etc.



Residential Energy Storage

5-64kWh energy storage systems for small-scale, high-efficiency residential applications.

Utility - Scale Energy Storage - ReMax Specification



ReMax	C20 - 3727 - 10	C20 - 5000 - 05
Rated Energy C Rate	3.73 MWh 1C / 1C	5 MWh 0.5C / 0.5C
Operating Voltage	1040 - 1500 Vdc	1040 - 1050 Vdc
Cell Capacity	LFP 280 Ah	LFP 314 Ah
Charge / Daischarge Current	280A*10	157A*12
Configuration	10P416S	12P416S
Temperature Discharging	30 ~ 55 °C	30 ~ 50 °C
Temperature Charging	30 ~ 55 °C	35 ~ 60 °C
Cooling System	Liquid Cooling CAN, RS485, TCP/IP	
Communication	W6058 x D2438x	
Dimension	H2896mm	
Weight	38T	42T
Protection Class	IP55 CE, UN 38.3, IEC 62619,	
Certificates	UL9540A, UL 1973	

C&I - Energy Storage Product



ReMod	CB1 - 373 - 05	CB1 - 373 - 10	CB1 - 418 - 05
Rated Energy	372,7 kWh	372,7 kWh	418 kWh
C Rate	0.5C / 0.5C	1C / 1C	0.5C / 0.5C
Operating Voltage Range	900 - 1500 Vdc	1165- 1500 Vdc	1165 - 1500 Vdc
Cell	LFP 280 Ah	LFP 280 Ah	LFP 314 Ah
Max Charge/Discharge Current	140 / 140 A	280 / 280 A	157 / 157 A
Configuration Charging	1P416S		
Temperature	0~ 45°C		
Discharging Temperature	-20 ~ 50°C		
Cooling System	Liquid Cooling		
Communication	CAN, RS485		
Dimension	W1300 x D1300 x H2365mm		
Weight	~4.000kg		
Protection Class	IP55		
Certificates	CE, UN 38.3, IEC 62619, UL9540A, UL 1973		

Residential Energy Storage Product

Rack – Technical Configuration

Our rack is a high-voltage, modular ESS building block designed for scalable energy storage systems. Each rack is composed of **4 Packs and 1 HV Box**, forming a fully integrated and safe high-voltage unit.



Battery Pack

Main Control Box

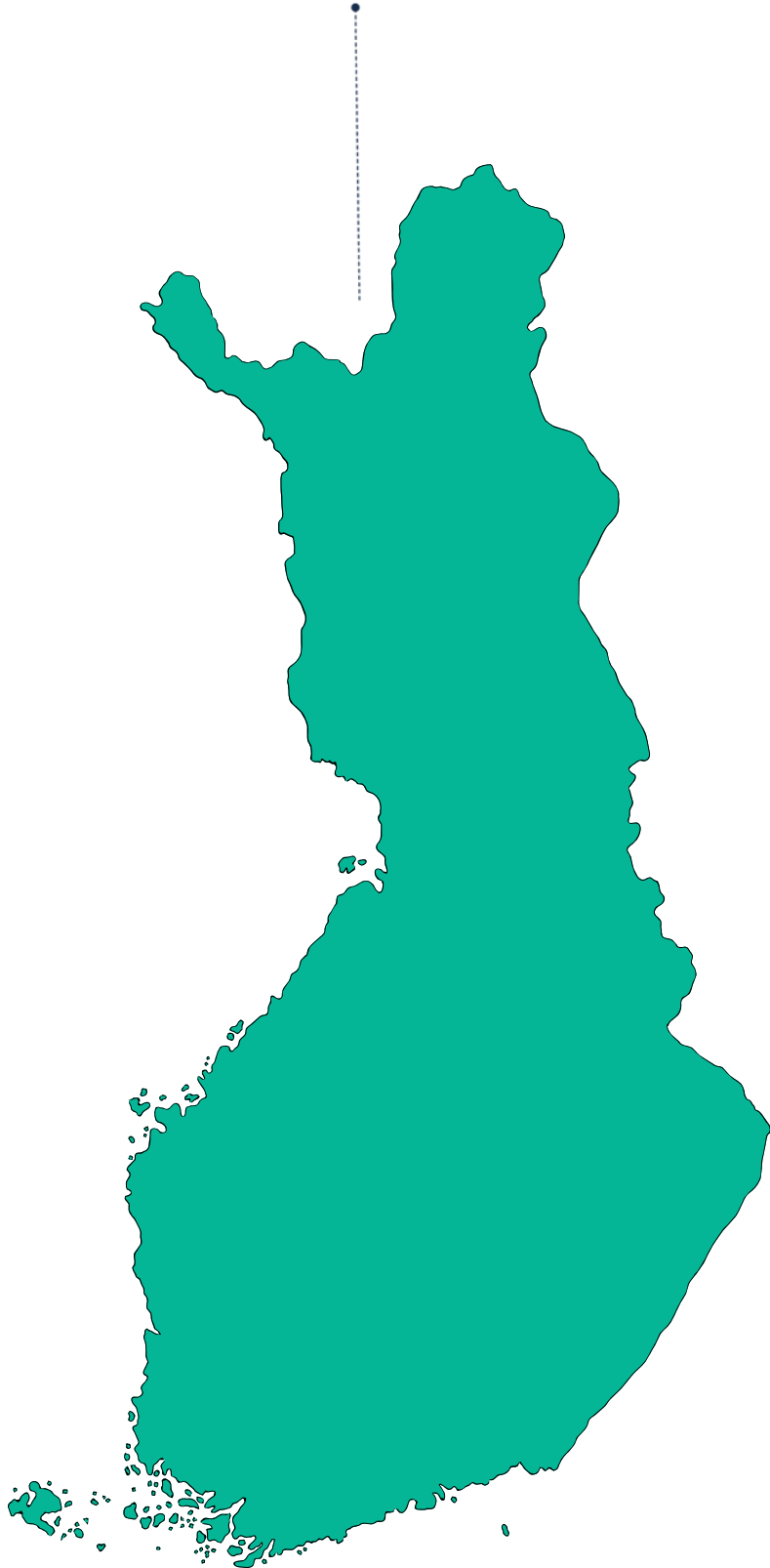
Rack

System structure	4 × Pack + 1x HV Box
Configuration range	3S to 12S rack structures
Nominal voltage range	153.6 V - 614.4 V
Energy range	15.36 kWh - 61.44 kWh
Cell chemistry	LFP (3.2 V, 314 Ah platform based)
Rated current	100 A
Communication	RS485 / CAN
Cycle life	≥ 6000 cycles
Protection class	IP20
Operating Temperature Charge	-10~+55°C
Discharge	-20 ~ +55°C
Humidity	5% - 95% RH

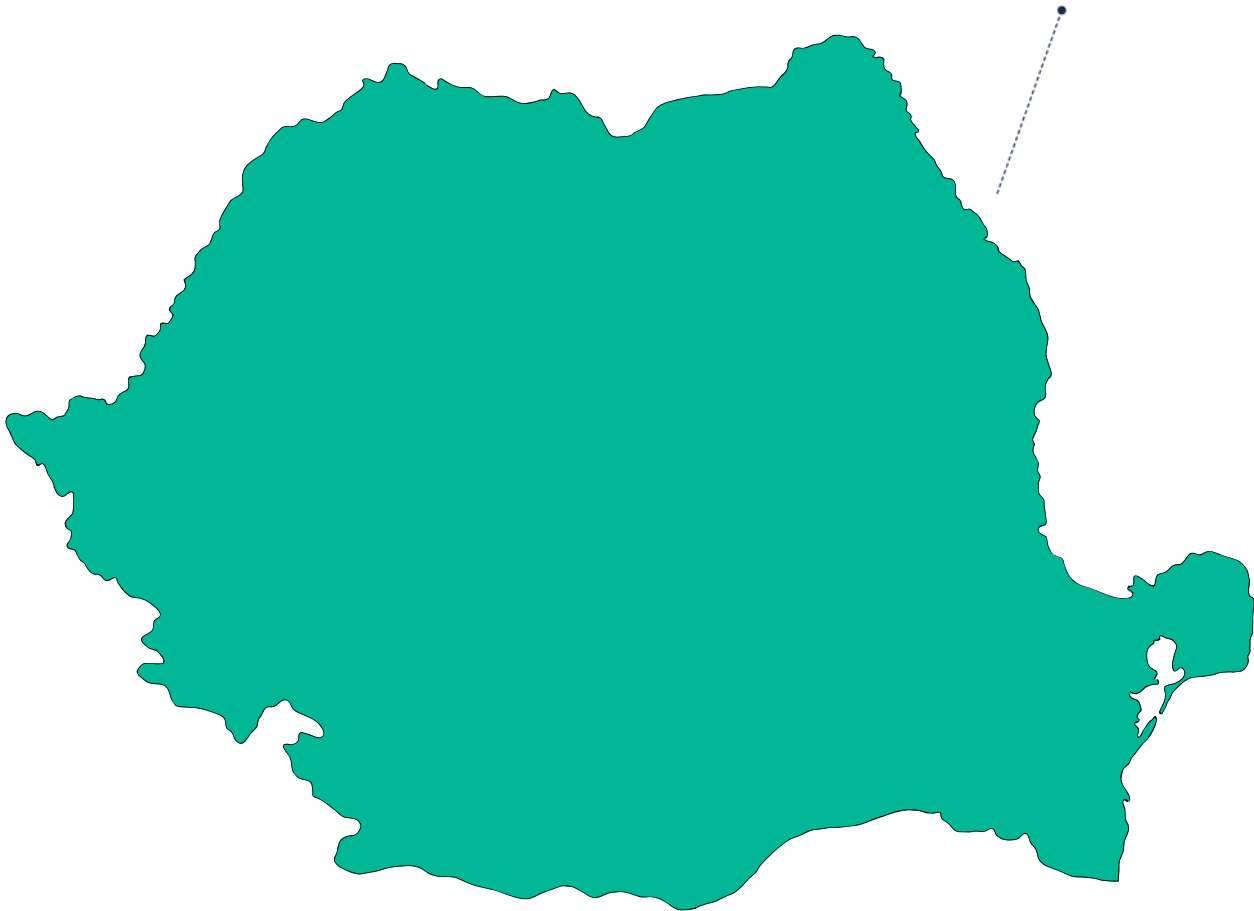
Reap Battery - Completed Projects



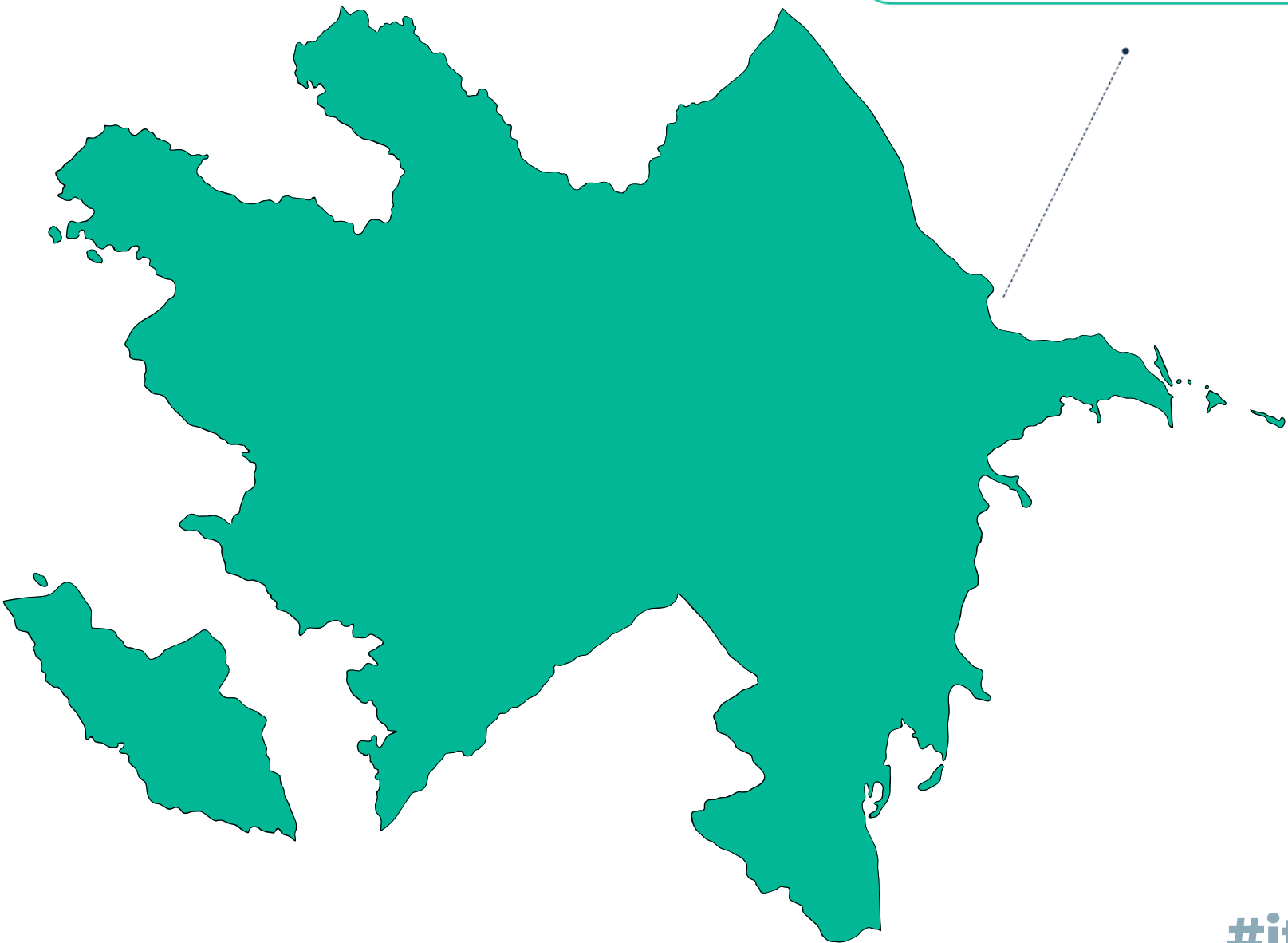
Finland
15 MWh



Romania
20 MWh



Azerbaijan
500 MWh





Azerbaijan

500 MWh AzerEnergy
BESS Project / Battery
Energy Storage System
(BESS)

Azerbaijan | Absheron



Azerbaijan

500 MWh AzerEnergy
BESS Project / Battery
Energy Storage System
(BESS)



Azerbaijan | Agdash



Azerbaijan

500 MWh AzerEnergy
BESS Project / Battery
Energy Storage System
(BESS)

Azerbaijan | Absheron



Azerbaijan

500 MWh AzerEnergy
BESS Project / Battery
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Azerbaijan

500 MWh AzerEnergy
BESS Project / Battery
Energy Storage System
(BESS)

AzerEnerji®

GREAT POWER



UN 536



reap G

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9'6"

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Azerbaijan | Agdash



THANK YOU

