



RES Nordic Project Portfolio

November 2019



1,1 GW

PROJECT PORTFOLIO/
UNDER DEVELOPMENT

16

YEARS OF
EXPERIENCE

400 MW

OF OPERATIONAL
ASSETS SUPPORTED

445 MW

CONSTRUCTED

30 MW

UNDER CONSTRUCTION

ACTIVITIES



DEVELOP



CONSTRUCT



OPERATE

RES in the Nordics (Sweden and Norway)

- 20 employees
- Head office in Gothenburg
- Office in Östersund
- Office in Oslo
- Site Office Sidensjö
- Development and construction of wind farms
- Commercial, financial and technical management of wind farms



TECHNOLOGIES



WIND



SOLAR



STORAGE



T&D

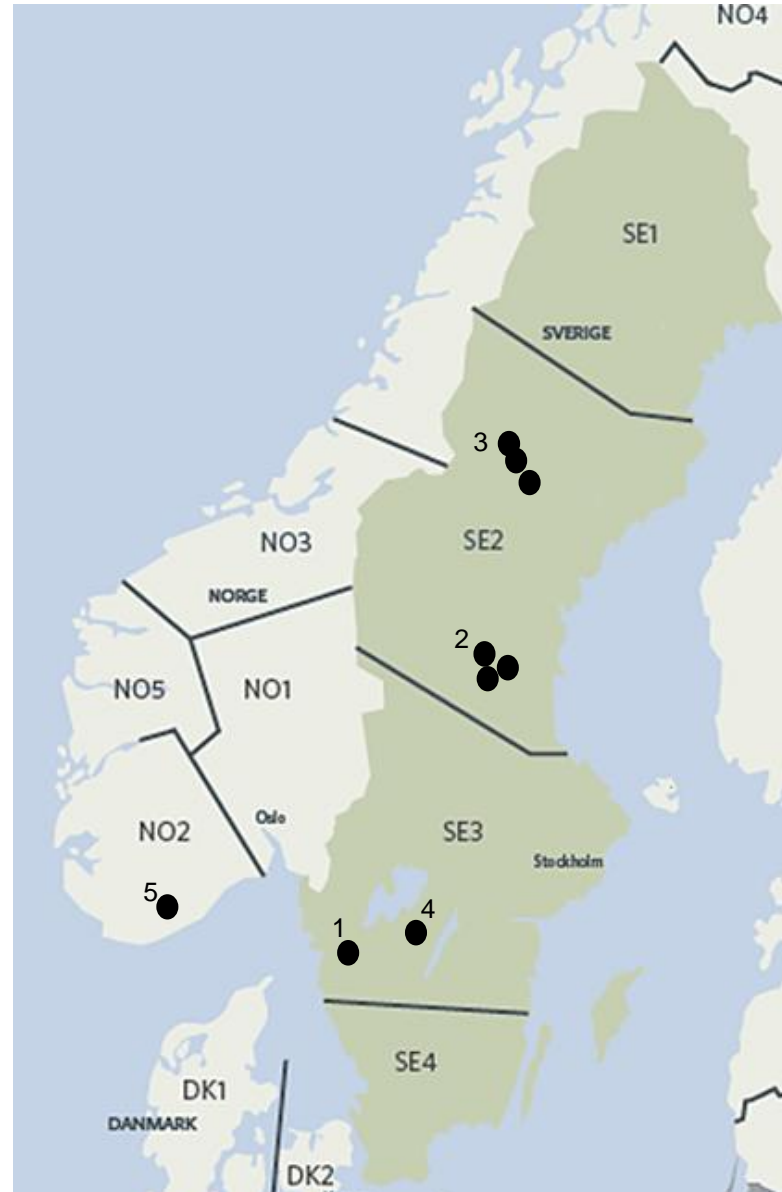
Nordic portfolio

1) Project Rödene (SE3)

- Rödene (13 WTG)

2) The Ånge Cluster (SE2)

- Björnberget (60 WTG)
- Gubbaberget (11-13 WTG)
- Storåsen (31 WTG)



3) The Lycksele Cluster (SE2)

- Vinliden (11 WTG)
- Hornmyran (9 WTG)
- Fjällberg (25 WTG)

4) Project Trollåsarna (SE3)

- Trollåsarna (20 WTG)

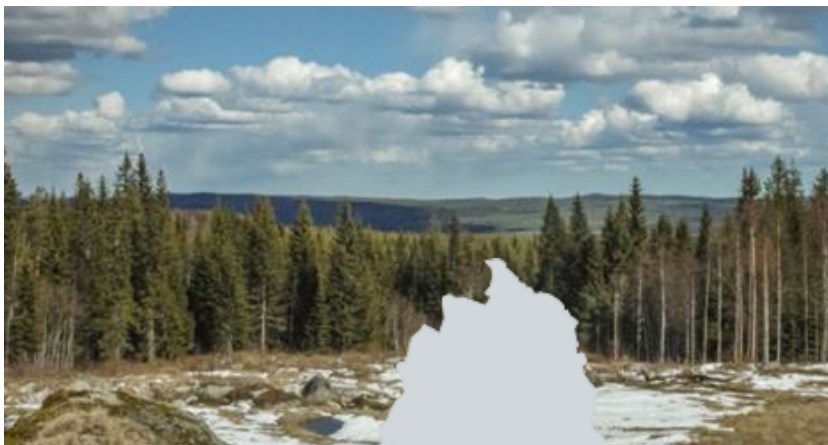
5) Unnamed Project Norway (+20 WTG)

Windfarms managed by RES in the Nordics

	Windfarm	WTG	#	MW
Contracts	1. Sidensjö	Siemens 113	48	144
	2. Våsberget	Vestas V117	8	28
	3. Ersträsk	Enercon	68	229
	4. Varda	Vestas	7	
	5. Jädraås	Vestas V112	66	200
Project portfolio	6. Rödene	TBD	13	80
	7. Ånge cluster	TBD	100+	565
	8. Lycksele cluster	TBD	45	270
	9. Buheii	TBD	19	80



The Ånge Cluster



Approx. 420+150 MW

Located in Swedish price area SE2

Fully permitted, tip hight 240m

Wind farms	Björnberget	Gubbaberget	Storåsen
Located in	Ånge municipality, Västernorrland County Price area SE2	Ljusdal municipality, Gävleborg County Price area SE2	
Environmental permit	July 2018, valid until 2053	April 2018, valid until 2053	Process to Reapply for permit
Grid Concession	December 2018, apply until further notice.	November 2018, apply until further notice.	
Target FC	Oct 2020	Oct 2020	
Tip height	240 m	240 m	240 m
Estimated wind farm capacity	360 MW (60 WTG)	62 MW (11 WTG)	Max 31 WTG
Estimated Annual Energy Yield	+1 100 GWh	+200 GWh	

The Lycksele Cluster



Approx 270 MW

Located in Swedish price area SE2

Fully permitted, tip height 175m and 200m

Next step - renew permit, increase tip height

Wind farms	Fjällberg	Hornmyran	Vinliden	Summary
Environmental permit legal force	Permit consented April 2019	Permit consented 2018	Permit consented 2014	Planned construction start 2023/24
Tip height	Permit to be renewed for 230m (Permitted for 200)	Permit to be renewed for 230m (Permitted for 175)	Permit to be renewed for 230m (Permitted for 175)	
Estimated wind farm capacity	150 MW (25 WTG)	54 MW (9 WTG)	66 MW (11 WTG)	270 MW
Estimated Annual Energy Yield (Based on Vestas V150 5.6)	472 GWh	187 GWh	220 GWh	879 GWh
Long term wind speed	c.8.3 m/s (155m)	c.8.6 m/s (155m)	c.8.5 m/s (155m)	

Thank you!

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