



Regione Puglia
Provincia di Foggia
**Comuni di Serracapriola e
Chieuti**



Oggetto:

Progetto per la realizzazione di un parco eolico della potenza di 72 MW
e relative opere di connessione

Proponente:

EOS SERRA 1 S.r.l.



Parco Eolico "Eos Serra 1"

Comuni: Serracapriola e Chieuti (FG)

Fogli di mappa WTG: 42 - 45 - 22 - 14 - 15 Serracapriola
14 - 15 Chieuti

Nome elaborato:

PEI641ES1_SIA_17_StudioIntervisibilità

Scala:



Rev.	Data	Descrizione
1	07/02/2024	Progetto Definitivo
2		
3		
4		
5		

Numero elaborato:

SIA_17

Formato pagina:

A4

Codice Progetto:

PEI641ES1

Orientamento:



Studio Tecnico:



DL COSTRUZIONI E SERVIZI SRL
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Tecnico Incaricato:

Ing. Angela O. Cuonzo

Ordine degli Ingegneri
della Provincia di Foggia n. 2653



Project:

EOS SERRA1

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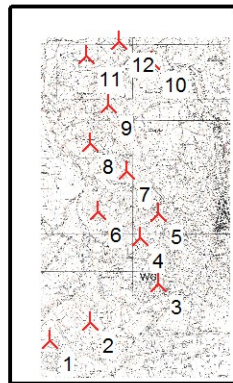
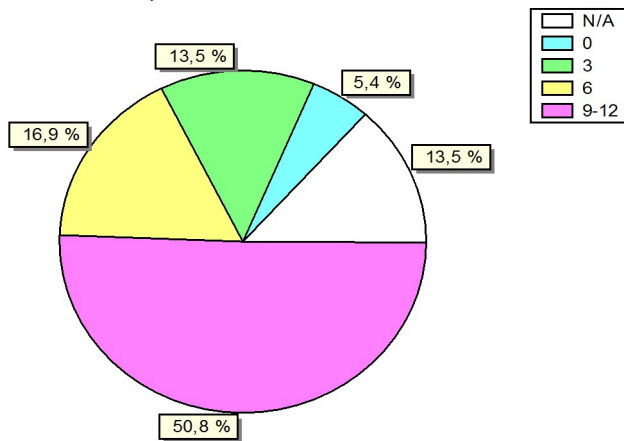
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ZVI - ZVI summary

Calculation: ZONE DI INFLUENZA VISIVA PROGETTO EOS SERRA1

Area with specific number of WTG's visible



Scale 1:200 000

New WTG

Assumptions for ZVI calculation

Center for calculation	UTM WGS84 Zone: 33 East: 510 693 North: 4 628 805
Width of calculation area	6 000 m
Height of calculation area	10 000 m
Calculation step	25 m
Eye height	1,6 m
Calculation area	6 000 ha
Highest relevant visible part of a WTG	Hub height + ½ rotor diameter
Obstacles used in calculation	15
Height contour object used in calculation	orogr
No area objects used in calculation	
New WTG's used in calculation	12
Existing WTG's used in calculation	0

ZVI Results

WTG's visible	Area [ha]	Area [%]
N/A	808	13,5
0	47	0,8
1	107	1,8
2	169	2,8
3	127	2,1
4	332	5,5
5	354	5,9
6	273	4,5
7	333	5,6
8	406	6,8
9	612	10,2
10	465	7,8
11	535	8,9
12	1 434	23,9

WTGs

Valid	Manufact.	Type	Power [kW]	Diam. [m]	Height [m]	East	North	Z [m]
1 Yes	VESTAS	V162-6.0	6 000	162,0	119,0	508 747	4 624 958	119
2 Yes	VESTAS	V162-6.0	6 000	162,0	119,0	509 800	4 625 441	128
3 Yes	VESTAS	V162-6.0	6 000	162,0	119,0	511 625	4 626 464	145
4 Yes	VESTAS	V162-6.0	6 000	162,0	119,0	511 140	4 627 687	153
5 Yes	VESTAS	V162-6.0	6 000	162,0	119,0	511 612	4 628 322	113
6 Yes	VESTAS	V162-6.0	6 000	162,0	119,0	510 022	4 628 383	91
7 Yes	VESTAS	V162-6.0	6 000	162,0	119,0	510 771	4 629 448	154
8 Yes	VESTAS	V162-6.0	6 000	162,0	119,0	509 821	4 630 188	140
9 Yes	VESTAS	V162-6.0	6 000	162,0	119,0	510 296	4 631 196	144
10 Yes	VESTAS	V162-6.0	6 000	162,0	119,0	511 437	4 632 347	97
11 Yes	VESTAS	V162-6.0	6 000	162,0	119,0	509 706	4 632 516	44
12 Yes	VESTAS	V162-6.0	6 000	162,0	119,0	510 568	4 632 896	79

Project:

EOS SERRA1

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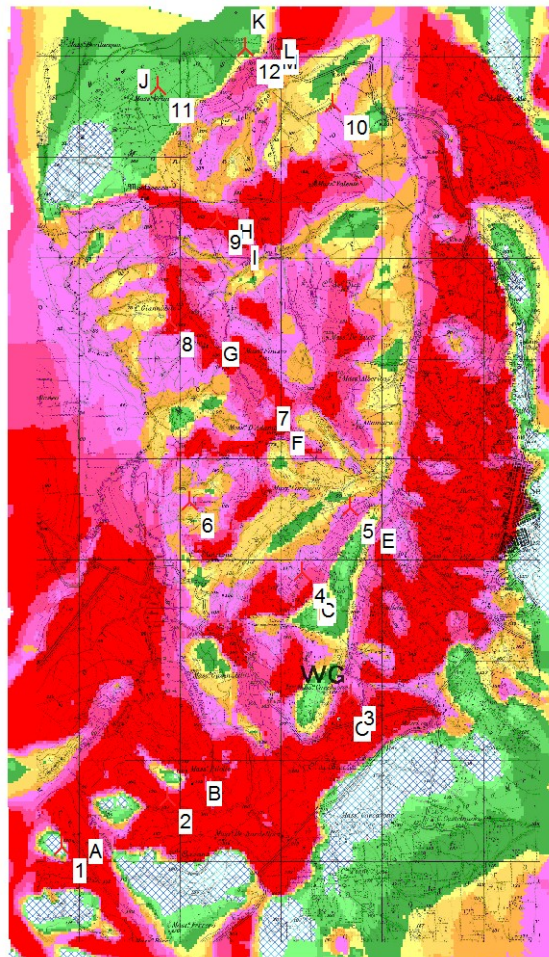
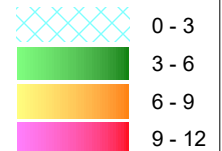
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ZVI - Bitmap map: IGM EOS1.bmi**Calculation:** ZONE DI INFLUENZA VISIVA PROGETTO EOS SERRA1**File:** IGM EOS1.bmi

WTG's visible

 New WTG

Map: IGM EOS1 , Print scale 1:75 000, Map center UTM WGS84 Zone: 33 East: 510 693 North: 4 628 805

 Obstacle