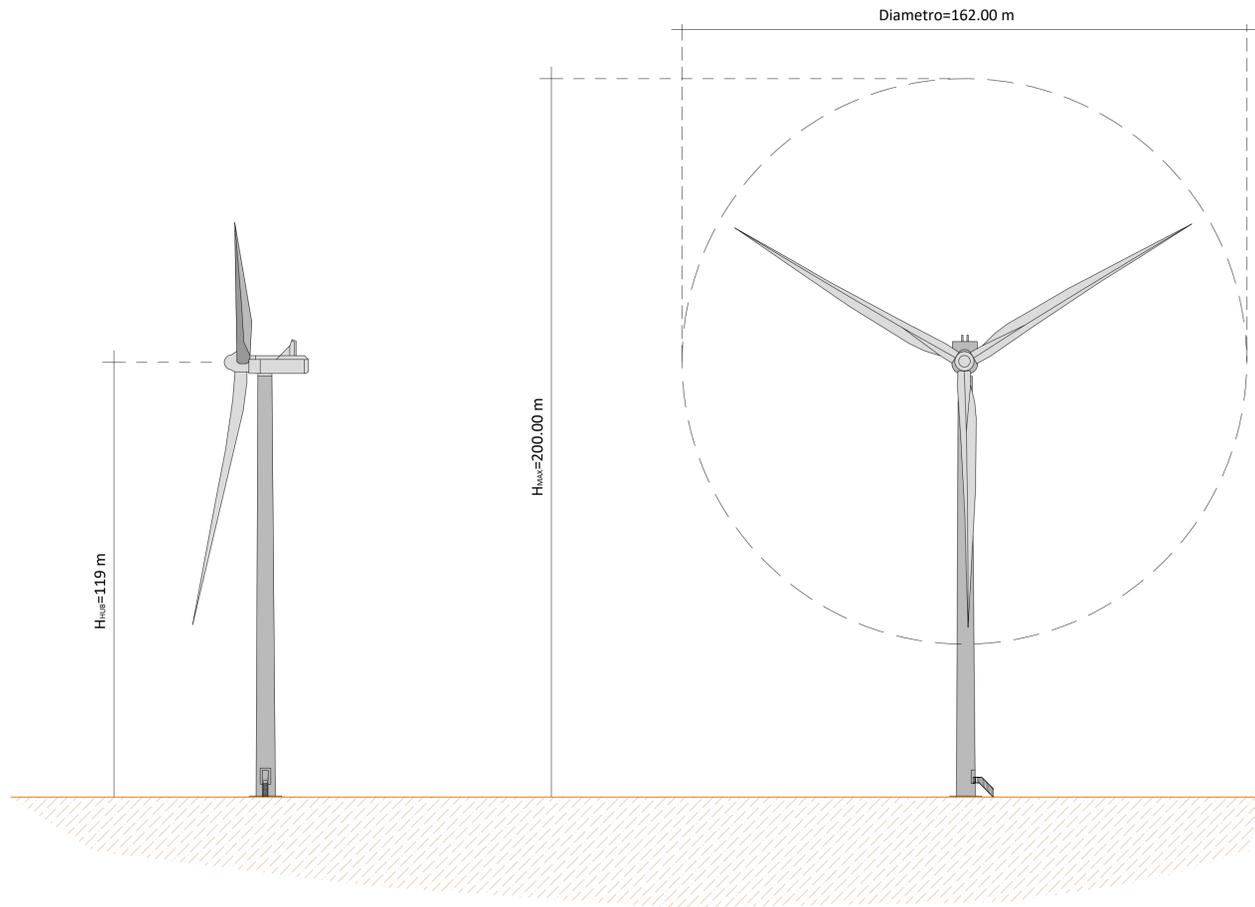
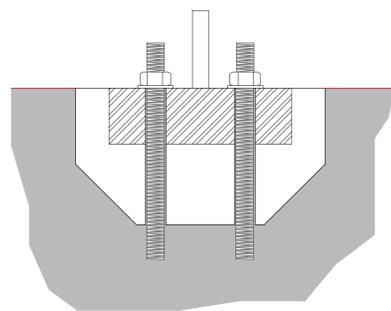


Particolari Wind Turbine Generator - scala 1:1000

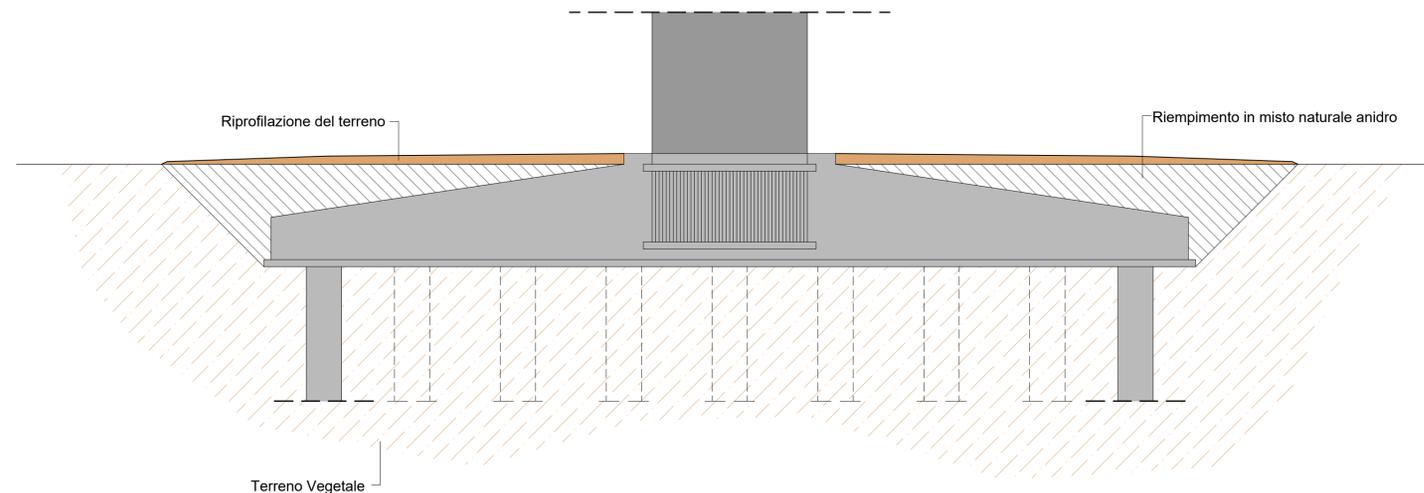


<b>POWER REGULATION</b>	Pitch regulated with variable speed	<b>TURBINE OPTIONS</b>	Condition Monitoring System
<b>OPERATING DATA</b>			Oil Debris Monitoring System
Cut-in wind speed	3m/s	Service Personnel Lift	Low Temperature Operation to -30°C
Cut-out wind speed	25m/s	Vestas Ice Detection™	Vestas Anti-Icing System™
Wind class	IEC 5	Vestas IntelliLight*	Vestas Shadow Detection System
Standard operating temperature range	from -20°C to +45°C	Aviation Lights	Aviation Markings on the Blades
*High Wind Operation available as standard		Fire Suppression System	Increased Cut-In Wind Speed
**Subject to different temperature options		Lightning Detection System	Load Optimised Modes
<b>SOUND POWER</b>	104dB(A)**		
Maximum			
**Sound Optimised Modes available dependent on site and country			
<b>ROTOR</b>		<b>ANNUAL ENERGY PRODUCTION</b>	
Rotor diameter	162m		
Swept area	20,612m²		
Aerodynamic brake	full blade feathering with 3 pitch cylinders		
<b>ELECTRICAL</b>			
Frequency	50/60Hz		
Converter	full scale		
<b>GEARBOX</b>			
Type	two planetary stages		

Particolare aggancio base torre



Particolare fondazione torre - scala 1:100



Committente: **RWE** RENEWABLES ITALIA S.R.L.  
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Titolo del Progetto: **Progetto per la realizzazione di una centrale eolica da 48,00 MW denominata "Lisa" nei comuni di Morcone (BN) e Pontelandolfo (BN), quale completamento del parco eolico "Morcone"**

Documento: **PROGETTO DEFINITIVO** N° Documento: **PELS\_A.16.b.2**  
Richiesta Autorizzazione Unica ai sensi del D. Lgs. 387 del 29/09/2003

ID PROGETTO: PELS DISCIPLINA: P TIPOLOGIA: D FORMATO: A1

Elaborato: **Sezione tipo degli aerogeneratori - Particolari sistemi di ancoraggio**

Foglio: 1 di 1 Scala: 1:1000 - 1:100 Nome file: PELS\_A.16.b.2\_Sezione\_tipo\_aerogeneratore.pdf

Progettazione: **R.T.P. D'Occhio - De Blasis**  
Via S. Angelo, 10 - 82020 Campolattaro (BN)

Progettisti: **Ing. Giuseppe Antonini D'Occhio** **Arch. Carmine D'Occhio**

Rev.	Data Revisione	Descrizione Revisione	Redatto	Controllato	Approvato
00	21/09/2020	Prima emissione	R.T.P. D'Occhio - De Blasis	RWE	RWE