



SOLprime Power Systems GmbH

MONTING SYSTEMS FOR SLOPES & LANDFILLS

THE SECURE BASIS FOR PHOTOVOLTAIC PROJECT

SYSTEM-SOLUTION EVEN IN DIFFICULT GROUND CONDITIONS

Reactivate disused landfills as new commercial space

Investors and project developers are constantly looking for suitable locations for ground-mounted systems that are low in conflict and eligible for approval.

Disused landfill sites are an increasingly attractive option, but there are some important aspects to consider.

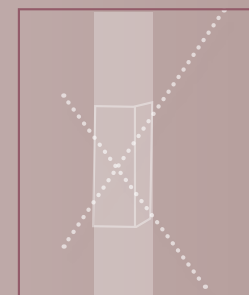
It is often not only the slope but also the low pile-driving depths that present a challenge. Our installation system for sloping sites offers optimum solutions for these requirements. Even with a low cover layer, the specially designed root foundation with the **“Pins & Collars”** root collar guarantees the required structural stability without damaging the sensitive membrane.

Benefit from our expertise and secure a sustainable investment in renewable energies.



Find out more about our systems!





- 1 ROOT FOUNDATION PINS & COLLARS
- 2 SOIL
- 3 PROTECTIVE MEMBRANE
- 4 GARBAGE

MOUNTING SYSTEMS

TYP 18 R / 47 R



CONSTRUCTION

Materials	Steel, aluminium, stainless steel
Coating	Hot-dip galvanized to EN ISO 1461 / Magnelis®
Connection type	Screw connection
Wind tunnel optimised	Yes
FEM simulation	Yes
Static	System static to Eurocode System statics according to country-specific regulations and standards possible if required
Tilt angle	Slope dependent
Foundation variants	Rammed, bolted, screwed, founded
Approvals / Standards	CE, EN

MODULE

Module alignment	Horizontal (landscape)
Rated power (depending on module typ)	(Basis 410 Wp 120 C) = 16.400 Wp
120 - Half-cell modules (max)	40
Module series	5 vertical 8 horizontal
Module area	≈ 66 m²
Table, module surface (HxB)	≈ 5 m x 13,3 m

Standard pile-driving depths 600 - 1000





EBERSWALDE
GERMANY



POWER
15 MWp



MOUNTING SYSTEM
SLOPE AND LANDFILL



BASSUM
GERMANY



POWER
2 MWp



MOUNTING SYSTEM
SLOPE AND LANDFILL





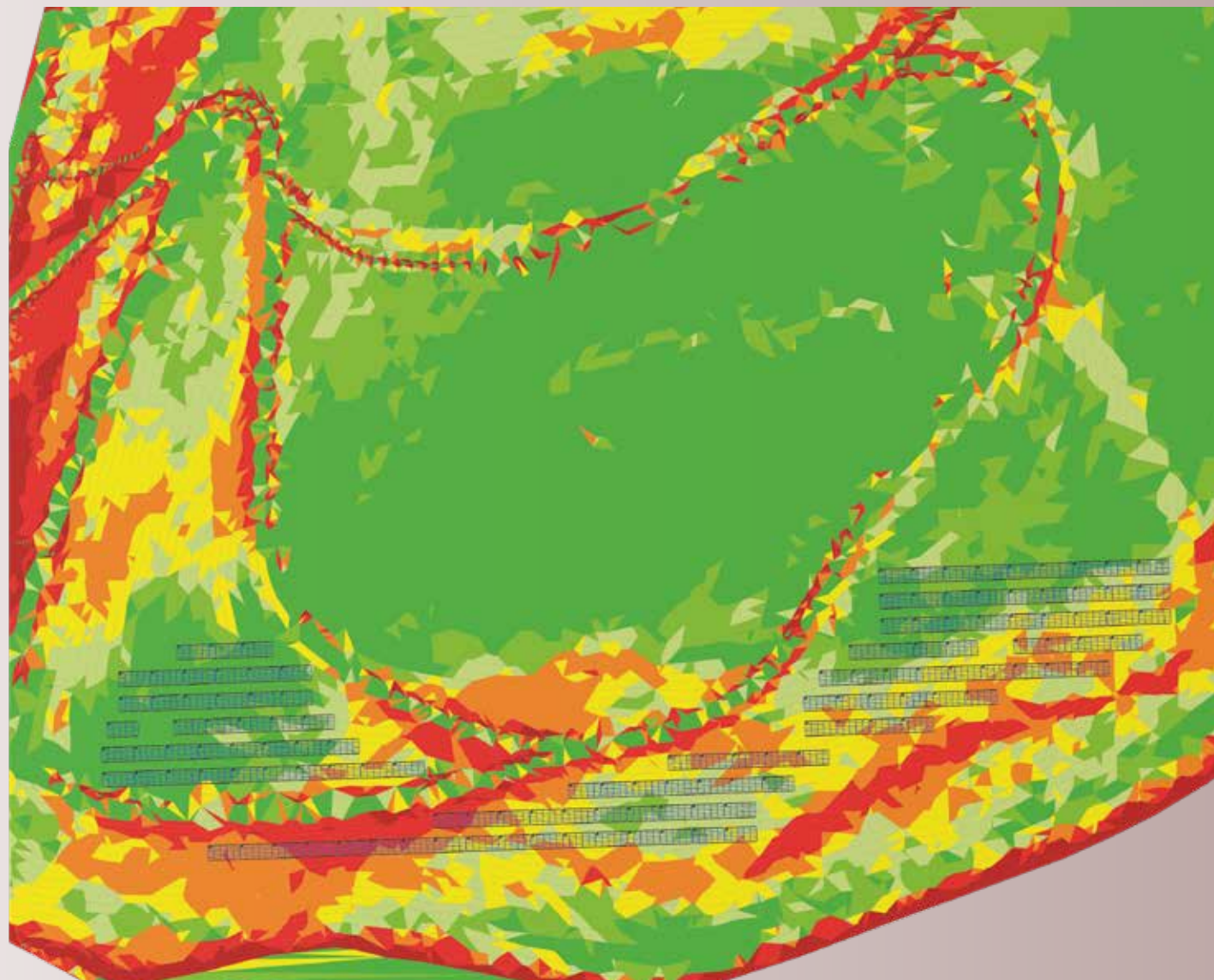
REISDORF
GERMANY

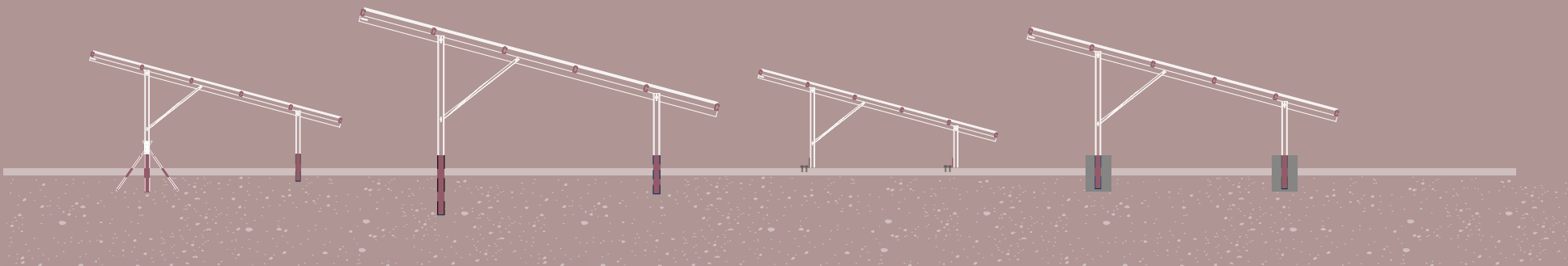


POWER
1,5 MWp



MOUNTING SYSTEM
SLOPE AND LANDFILL





QUICK ASSEMBLY

Simple, effective & quick installation thanks to coordinated elements



VARIABLE SYSTEMS

Profiles incl. different design options



WORLDWIDE SHIPPING

Reliable and fast international delivery



LOW COSTS

Explosive construction cost savings through optimal use of materials



100% Renewable Energies

Your contribution to the energy transition



AT HOME IN THE NORTH POWER WORLDWIDE

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