

Dig once and save 47% on groundwork costs with Greenpipe 1Base™

Greenpipe 1Base™ offers an intelligent and cost-effective solution that can reduce groundwork costs by as much as 47% —all by digging just once.

Learn how you can save costs and streamline future planning.

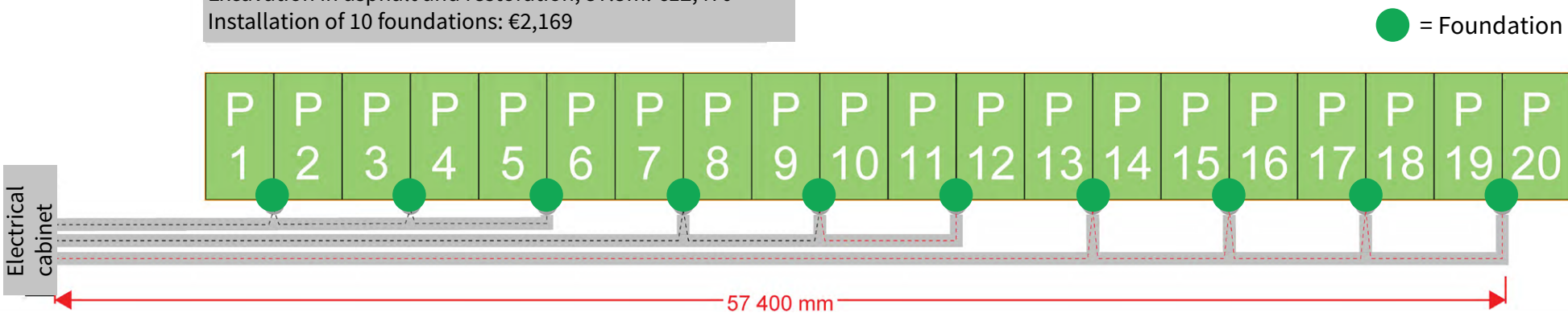


Scenario 1

In this scenario, the entire stretch of groundwork is performed at once. All foundations and conduits are prepared for future installations, ensuring easy and cost-effective expansion as needs grow.

Estimated Groundwork Cost: €15,939

Ground preparation: €1,300
Excavation in asphalt and restoration, 57.5m: €12,470
Installation of 10 foundations: €2,169



Anticipated EV-charging regulations and proposals suggest a growing demand for additional charging points.

Preparing for future requirements and gradually expanding capacity is becoming increasingly important. While this may entail higher initial costs, it ensures long-term savings.

To highlight the cost-saving potential of installing all Greenpipe 1Base™ foundations simultaneously, we engaged an independent industry expert. The expert specializes in calculating project costs for charging infrastructure, ensuring reliable and industry-specific results.

For example, calculations for a shopping center show that the ground-work cost for installing charging points for 20 parking spaces varies significantly between two scenarios.

The difference in groundwork costs between Scenario 1 and Scenario 2 is € 14,225, equivalent to 47%. Scenario 1 is the more cost-effective option.



Simplify your installation process. Contact us for free samples and switch to smarter, faster, greener solutions today!

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Scenario 2

Here, a cautious strategy is chosen by initially installing five foundations and chargers for 10 parking spaces. As demand increases, additional foundations are installed one at a time, gradually raising the costs.

The total cost of groundwork in Scenario 2 amounts to €30,168, which means a saving of €14,225 (47%)* if Scenario 1 is chosen.

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Step 1

Installation of 5 foundations for parking spaces 1–10, with a total groundwork cost of **€9,000**.

Step 2

Expansion with a sixth foundation for an additional two parking spaces, between parking spaces 11 and 12. This entails a cost of **€2,711**.

Step 3

As the demand continues to increase and a seventh foundation needs to be installed, a significant additional cost arises due to the need to establish a new power connection to ensure sufficient capacity for the remaining charging points. This results in a groundwork cost of **€10,519**. Step 3 illustrates the increased complexity and additional costs that occur with later installations if the entire infrastructure is not prepared from the start.

Step 4, 5 & 6

Additional expansions (foundations 8, 9, and 10) cost **€2,711** each.

Step 1

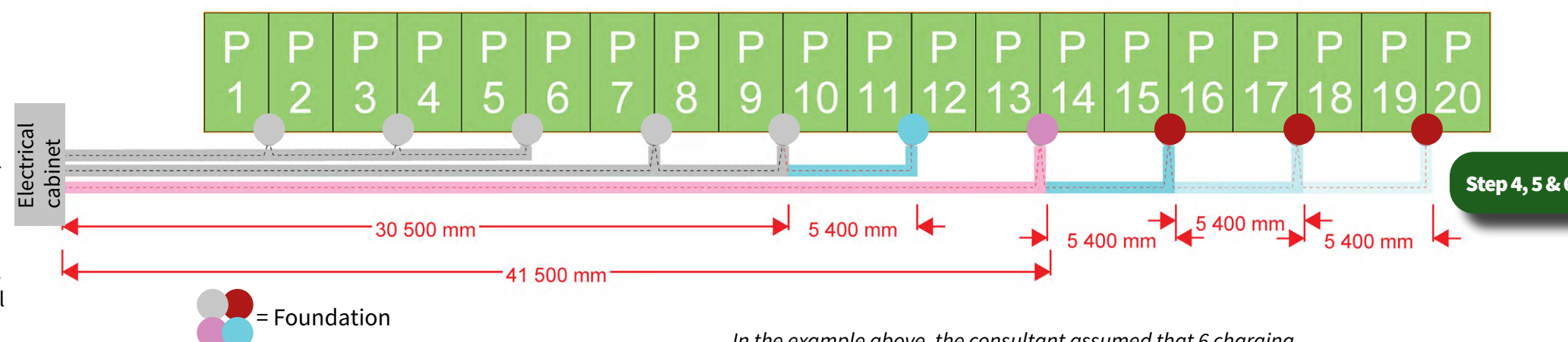
(5 foundations)
Ground preparation: €1,301
Excavation in asphalt & restoration, 30.5m: €6,615
Installation of 5 foundations: €1,084

Step 2

(+1 foundation)
Ground preparation: €1,301
Excavation in asphalt & restoration, 5.5m: €1,193
Installation of 1 foundation: €217

Step 3

(+1 foundation)
Ground preparation: €1,301
Excavation in asphalt & restoration, 41.5m: €9,000
Installation of 1 foundation: €217



In the example above, the consultant assumed that 6 charging outlets are connected to the same 63A power supply. This would provide approximately 7kW charging if all 6 stations are used simultaneously. For spaces 13–20, this would result in 5.4kW charging during simultaneous usage.

**Please note: The provided calculation reflects Swedish labor costs and conditions and may vary based on region.*

The exchange rate when this calculation was done was at 1 EUR = 11,5274 SEK.



Do you need help interpreting & understanding how you can reduce the total cost of your specific project? Contact us to get started!

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