

For EU-funded and privately financed AC & DC charging projects

(Designed for developers, installers, municipalities, CPOs,

1) Site & grid assessment

Confirm that the site owner/manager has approved the location for charging infrastructure Identify existing grid connection capacity (main fuse size, kW, phases)
Request or review the DSO pre-analysis for connection feasibility
Determine whether the project requires Dynamic Load Management (DLM)
Map existing cable routes, excavation needs, distances, and physical constraints

2) Hardware selection

Select appropriate AC chargers (Morek CORE-series dual-output)
Select DC fast chargers (30–400 kW) or modular combinations for scalability
Include all required accessories: pedestals, protection devices
Confirm product availability from Morek's regional warehouses or pre-agree lead times
Ensure all hardware meets EU compliance (CE, EMC, OCPP, MID where required)

3) Installation partner & on-site works

Assign a certified local installation partner (Morek can recommend regional teams)
Provide installers with the full technical package: Morek EVC Wiki
Align on installation timeline, excavation work, mounting, testing and CP configuration
Plan for seasonal conditions, buffer time and possible site-specific challenges

4) Backend, payment & connectivity

Confirm the selected OCPP backend or custom management platform Verify 4G coverage or plan Ethernet connectivity

5) Compliance & documentation

Ensure installation records and commissioning reports are completed. Make a plan for maintenance (regular maintenance is not part of warranty) Prepare a grant submission bundle when applicable

6) Budget, funding & ROI

Review EU grant eligibility, covered costs, required documentation, and deadlines Calculate TCO & ROI for the site: energy cost, utilisation forecast, maintenance needs Define a clear revenue model (AC slow charging vs DC turnover) Include secondary benefits: customer experience, property value, sustainability impact

7) Final go-live checks

Chargers fully installed, tested and verified
Backend connected and remote monitoring active
Maintenance schedule agreed (quarterly/annual depending on site)
Road markings, traffic access, signage and payment flows finalised
All documentation delivered to the project owner with support contacts included

This checklist supports organisations preparing EV charging projects under EU funding schemes or private investment.