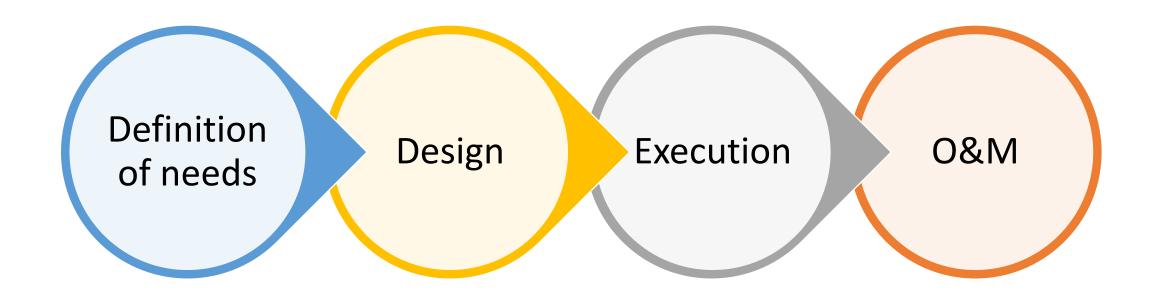


SUCCESS FACTORS FOR AN EFFICIENT SOLAR ENERGY PROJECT

The lessons learned by MSF

Overview





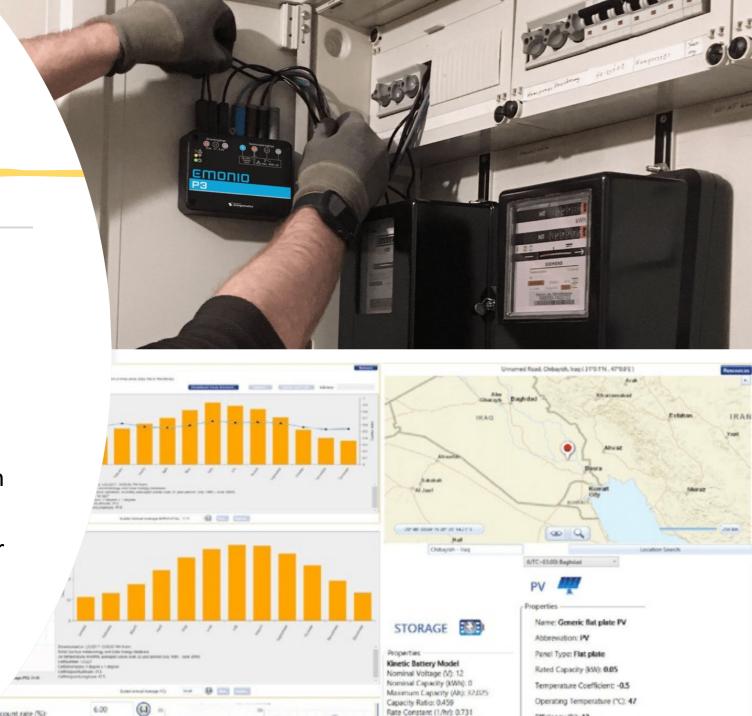
Definition of needs

- Solar Energy is the means to and end goal
- Essential information for next steps
- Avoids frustrations and unrealistic expectations
- User needs to define the objectives:
 - Autonomy
 - Fuel savings
 - Reduce environmental impact
- Maybe solar energy is not the only component of the solution



Design

- It is essential to have data as accurate as posible on energy consumption:
 - Install energy monitors for existing electrical installations
 - Spend time on the theoretical estimations for new installations
- Specialized software represents a fraction of the final price: very pertinente
- Consider all technical data available: solar radiation, SoC/battery life, ...





Execution

- Proper technical specifications in call for tender and contract
- Outsourcing: local / regional company
- Define commissioning procedure
- Close supervision of works by client. Ideally, someone with technical expertise



Operation & Maintenance

- Training to users on regular operation
- Web server to monitor performance
- Preventive maintenance contract with installer
- Ensure access to spare parts and replacement in the country





Thanks!

