

SOLAR ENERGY TECHNICIAN

ALTERNATIVE LABEL

- ✓ solar energy system installer
- ✓ photovoltaic cell technician
- ✓ solar technician
- ✓ solar energy farm technician
- ✓ solar energy panel technician
- ✓ solar energy generation technician
- ✓ solar roofer
- ✓ solar energy system designer
- ✓ PV field technician
- ✓ photovoltaic energy installer
- ✓ solar energy installation technician
- ✓ solar energy system builder
- ✓ solar energy plant technician
- ✓ solar energy system constructor
- ✓ photovoltaic energy panel installer
- ✓ solar O and M technician
- ✓ solar operations and maintenance technician
- ✓ solar farm technician
- ✓ photovoltaic field technician
- ✓ solar energy array technician
- ✓ photovoltaic system technician
- ✓ photo-voltaic cell technician
- ✓ solar energy harvesting technician
- ✓ solar energy system maker
- ✓ solar energy panel installer
- ✓ solar energy system technician

DESCRIPTION

Solar energy technicians install and maintain systems that collect solar energy. They prepare the necessary fixtures, often on roofs, install solar panels, and plug them into an electronic system including an inverter to connect the solar energy systems to the electricity lines.

REGULATORY ASPECT

To see if and how this occupation is regulated in EU Member States, EEA countries or Switzerland please consult the Regulated Professions Database of the Commission. Regulated Professions Database:

http://ec.europa.eu/growth/single-market/services/free-movement-professionals/qualifications-recognition_en

TECHNICAL SKILLS

ESSENTIALS

- ✓ check compatibility of materials
- ✓ check compatibility of materials
- ✓ follow health and safety procedures in construction

READ MORE +

OPTIONALS

- ✓ answer requests for quotation
- ✓ calculate needs for construction supplies
- ✓ calculate solar panel orientation

READ MORE +

KNOWLEDGE

ESSENTIALS

- ✓ electrical wiring plans
- ✓ electrical wiring plans
- ✓ mechanics

READ MORE +

OPTIONALS

- ✓ building codes
- ✓ solar panel mounting systems
- ✓ types of photovoltaic panels

READ MORE +

SOFT SKILLS



ADAPTABILITY

50%



COMMUNICATION

50%



TIME MANAGEMENT

30%



PROBLEM SOLVING

65%



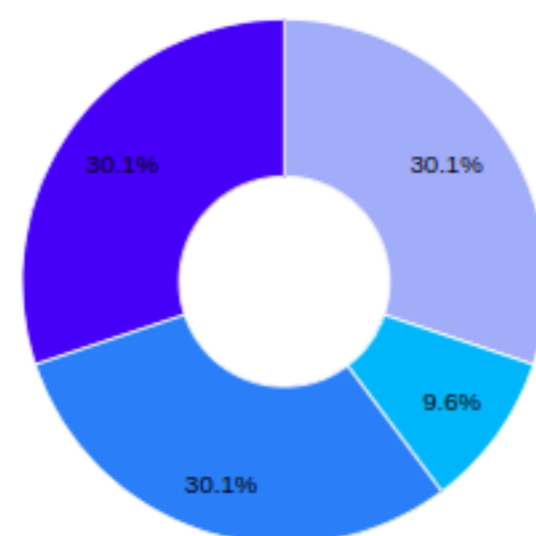
TEAMWORK

50%



WORK ETHIC

80%



- Social and linguistic skills
- Digital Skills
- Communication skills
- Organisation/Management skills

LEARNINGS

- 🇩🇪 Bachelor in Environmental and Land Engineering
- 🇩🇪 Diploma in Construction, Environment and Territory
- 🇩🇪 Diploma in Mechanics, Mechatronics and Energy
- 🇩🇪 Electrical operator - VET
- 🇩🇪 Higher Technician for Energy Saving in Sustainable Building
- 🇩🇪 Higher Technician for energy supply and plant construction
- 🇩🇪 Installer of solar energy systems - VET
- 🇩🇪 Master in Environmental and Land Engineering
- 🇩🇪 RES Energy Systems Installer and Maintainer - VET
- 🇩🇪 Renewable energy technician - thermal energy production - VET
- 🇧🇪 Energetic Management