

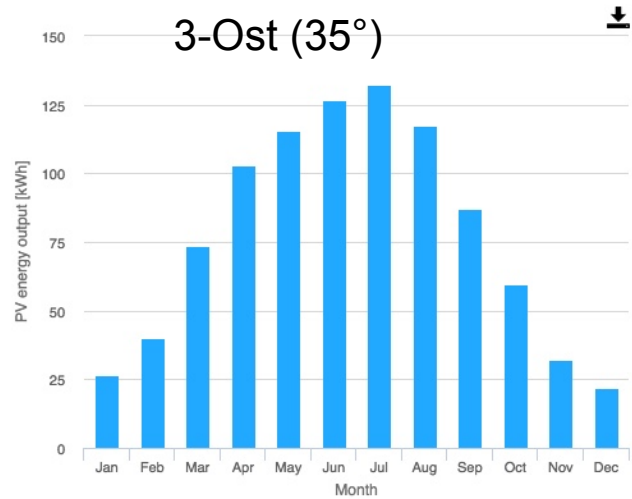
PV-GIS

The screenshot displays the PVGIS web application interface. At the top, the browser address bar shows the URL: https://re.jrc.ec.europa.eu/pvg_tools/en/#PVP. The page header includes the European Commission logo and navigation links: Home, Tools, Downloads, Documentation, and Contact us.

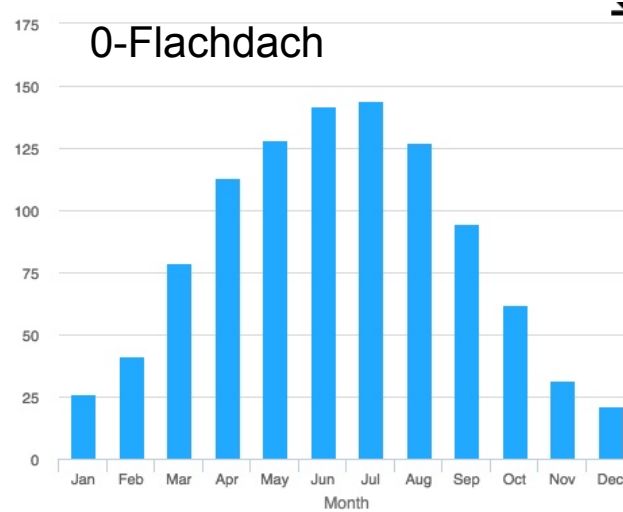
The main content area is divided into several sections:

- Map:** A topographic map of a region in Italy, showing towns like Sankt Georgen, Vauban, and Au. A blue location pin is placed at approximately 47.958, 7.834. A scale bar indicates 2 km.
- Cursor:** Selected: 47.958, 7.834. Elevation (m): 312.
- Use terrain shadows:** Calculated horizon. Upload horizon file. Buttons for [csv](#) and [json](#) export. A search button labeled "Durchsuchen..." and a status "Keine Datei aus" are also present.
- PERFORMANCE OF GRID-CONNECTED PV:** A sidebar menu on the left lists data types: GRID CONNECTED (selected), TRACKING PV, OFF-GRID, MONTHLY DATA, DAILY DATA, HOURLY DATA, and TMY. The main panel contains configuration options:
 - Solar radiation database*: PVGIS-SARAH
 - PV technology*: Crystalline silicon
 - Installed peak PV power (kWp)*: [input field]
 - System loss (%)*: [input field]
 - Fixed mounting options:**
 - Mounting position*: Free-standing
 - Slope [°]*: 90
 - Azimuth [°]*: 90
 - Optimize slope
 - Optimize slope and azimuth
 - PV electricity price**
 - PV system cost (your currency): [input field]
 - Interest (%/year): [input field]
 - Lifetime (years): [input field]
- Buttons:** "Visualize results", [csv](#), and [json](#).

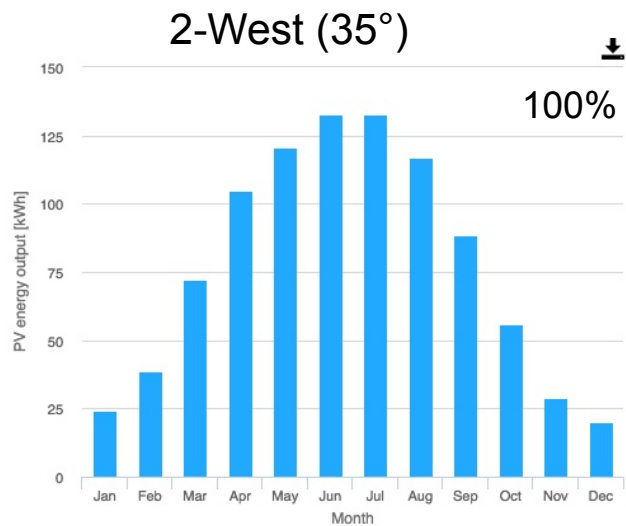
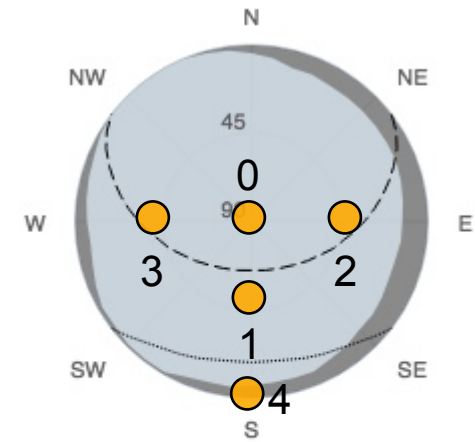
PV Ausrichtung und Monatsausbeute



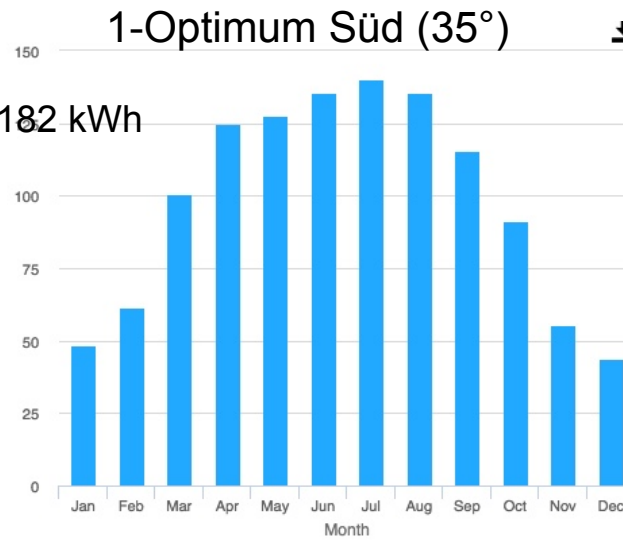
80% Jul: 133/ Dez: 20 kWh



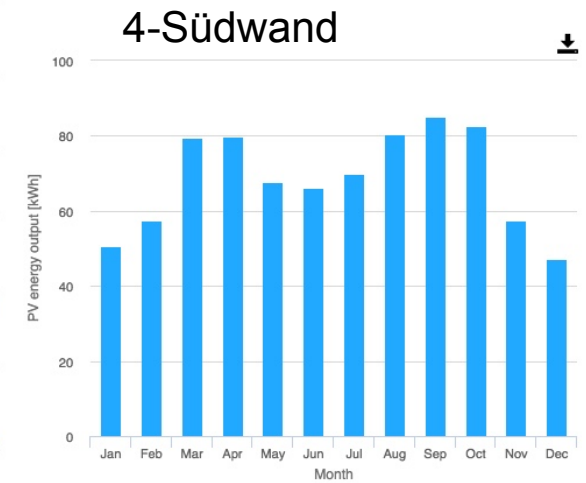
85% Jul: 144/ Dez: 21 kWh



79% Jul: 132/ Dez: 21 kWh

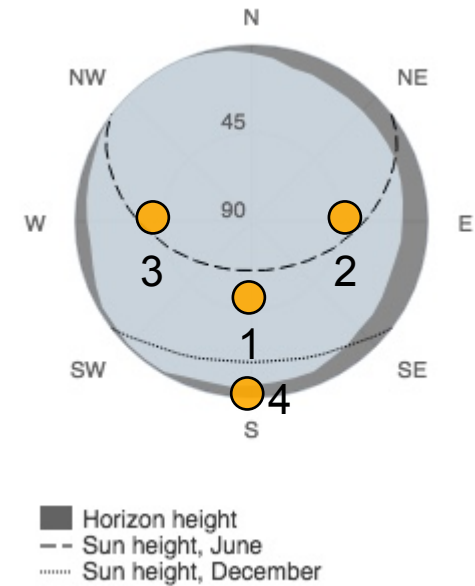
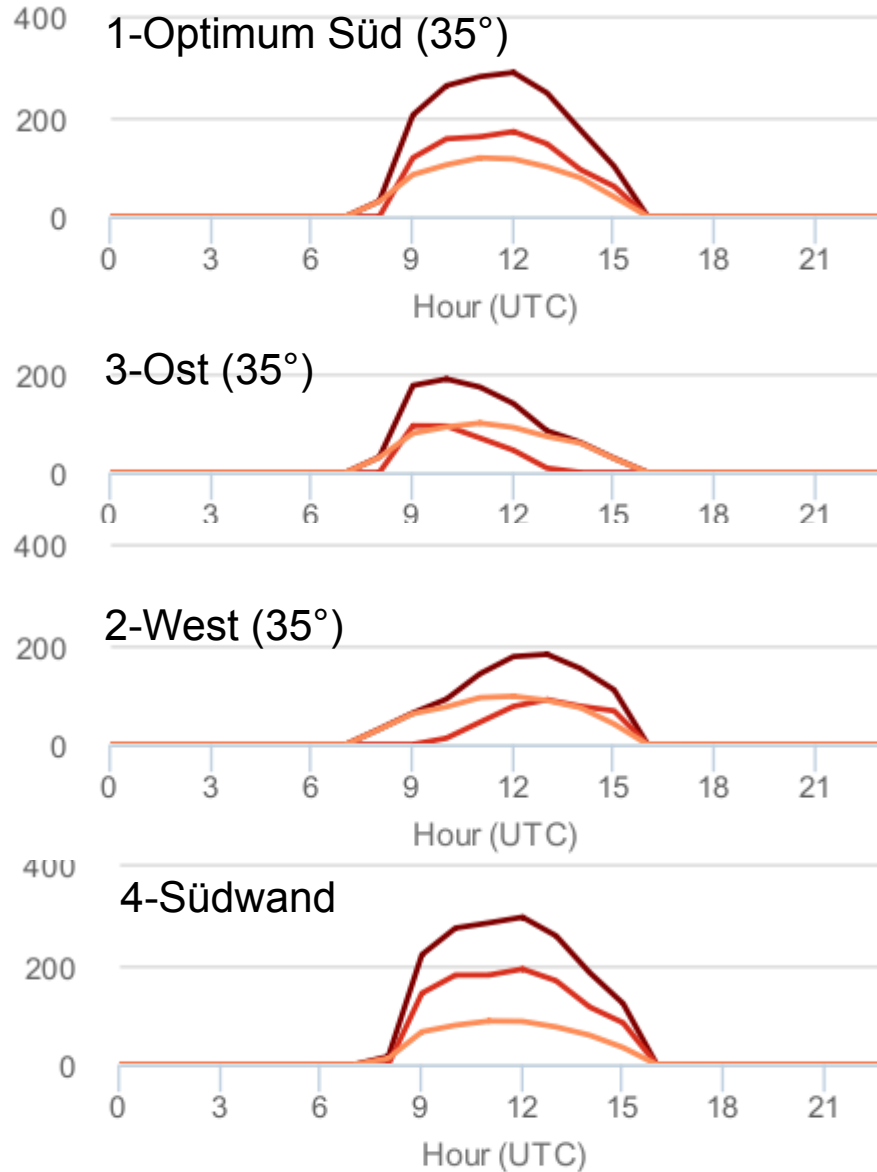


100% kWh Jul: 140/ Dez: 43 kWh



70% Jul: 66/ Dez: 43 kWh

Ausrichtung und Tagesausbeute Januar



Daily irradiance profile, inclined plane

00 (C) PVGIS, 2021

