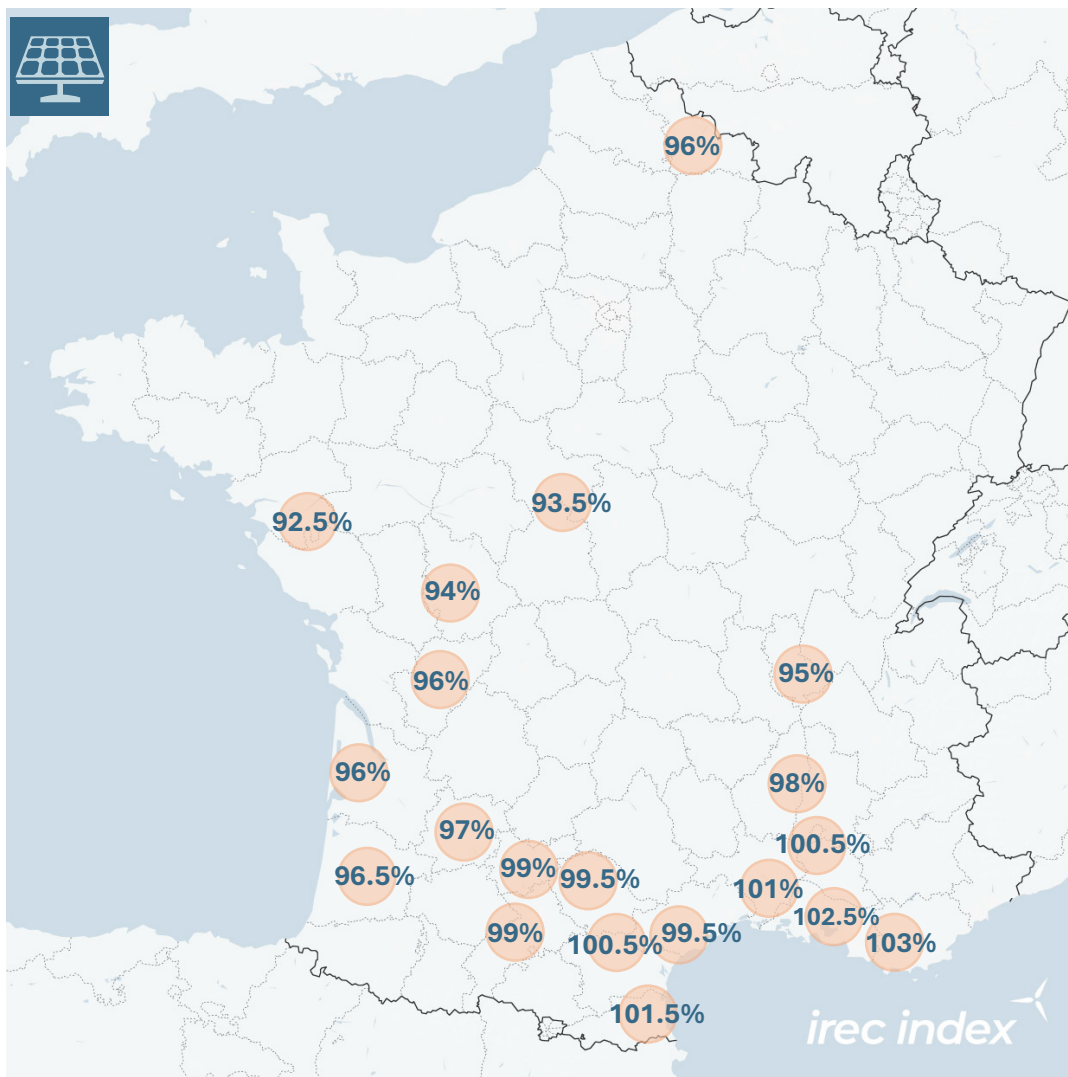


# France

## Solar energy index - Year 2024



**Assess** the actual P50 of your assets  
& **Follow** your portfolio value over time

- ✓ 95% means that the expected production should be 5% below the long-term average (i.e., low irradiation this year)
- ✓ Monthly indexes available anywhere for onshore/offshore wind farms and PV plants (monthly delivery from 100€/year)

worldwide energy indexes for  
wind & solar asset management

Over **800 assets** monitored.  
What about yours?



## Well-proven wind and solar energy indicators

irec indexes are monthly indicators that quantify the variation of the wind and solar resource over time. Available for onshore/offshore wind farms and PV plants worldwide, they offer essential insights for asset managers to check the actual production capacity of their portfolio.

## Main applications for solar assets

- ✓ **Quantify production shortfall** due to lack of resource  
*What level of solar resource on a given period compared to the long-term average?*
- ✓ **Explain the deviations** with the budget  
*Which part of the deviation is caused by the solar resource?*
- ✓ **Assess the actual P50** of your asset  
*Which long-term production should I expect based on the current performance?*
- ✓ **Estimate performance degradation** over time  
*Is the average performance degradation in line with what was expected?*

## Sample Vienne (France) - Year-to-date solar energy indexes 2024

