

VISUALISING POTENTIAL FOR RENEWABLE ENERGY PRODUCTION

Video Transcript

1. This tool was developed as part of the RE-SAT project. It visualises the output of hypothetical renewable energy scenarios.
2. Users place wind, solar and wave generators, and the RE-SAT tool models energy production for a specified time period.
3. Energy production is shown on the map, and the graph plots solar (yellow), wind (light blue) and wave (dark blue) components.
4. By displaying anomalies from the usual solar power, we can see shadows from clouds passing over the solar rooftop generators.
5. The time series graph and the map are both interactive and zoomable, and the playback speed can be controlled, allowing users to explore the data fully.