

What INNO-TREC offers: Tools Empowering Renewable Energy Communities

Free, accessible, digital solutions
for community-driven clean energy.



Tools to Help You Create a REC



INNO-TREC supports early-stage community formation:

- Member engagement
- Co-creation of rules
- Basic technical + legal guidance
- Energy needs assessment



Smarter Photovoltaic System Design



Simulation & modelling tools help communities:

- Size PV systems
- Forecast production
- Maximise self-consumption
- Understand investment returns



Real-Time Energy Performance



A monitoring dashboard shows:

- System performance
- Energy flows
- Efficiency indicators
- Opportunities for optimisation

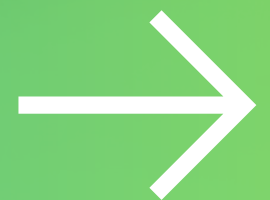


AI- Powered Predictive Maintenance



Avoid failures before they occur with tools that detect:

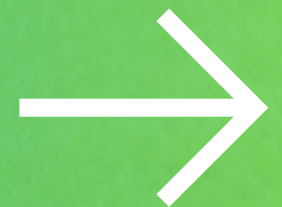
- Degraded components
- Sudden performance drops
- Abnormal consumption patterns
- Maintenance needs



Practical, Accessible, Community-Centric



These tools reduce reliance on consultants, cut costs, improve REC performance, and make community energy easy, fair, and sustainable.






Enhancing Energy Communities!

Follow us for updates!

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 [inno-trec.eu](#) (available soon)



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