

THE HARD EXPERIENCE OF RENEWABLE ENERGY PROFESSIONALSRenewable Energy Development Workshop (**T-RED-LEVEL 2**)

Computer Aided Design and Simulation!

Design renewable energy systems through an advanced techniques and world class tools.



Level 2 workshop course is one of the unique programs in the field of Renewable Energy because it is a practical-orientated training course. This level is a combination of classroom and hands-on training course taught by top designers and consulting engineers in Taqetna.

T-RED Lab is a World Class technical training that aims to build and sharpen the engineering skills in the fields of designing, optimizing and commissioning Renewable Energy Projects. In this version of T-RED training it covers special topics in design and engineering using computer aided tools (software). The course is performed by professional instructors in Wind and Solar power and other fields of renewable energy applications.

THE HARD EXPERIENCE OF RENEWABLE ENERGY PROFESSIONALS**Course Content****Day One (1)**

5:30-7:00	Technical Review For Renewable Energy Training Level (1) By an advanced Design Examples
7:00-7:15	Coffee Break
7: 15-8:30	Solar System Design, Photovoltaic (PV) Systems, Special Topics In PV

Day One (2)

5:30-7:00	Renewable Energy System Modeling using an open source software (Sketch up and + PV Plug-in added to it)
7:00-7:15	Coffee Break
7: 15-8:30	Limitations on Solar Projects and Shading analysis

Day One (3)

5:30-7:00	Renewable Energy System Components Design and analysis by integrating architectural design with electrical aspects (Sketch-up + PV Syst.)
7:00-7:15	Coffee Break
7: 15-8:30	Renewable Energy System Components Design and analysis using an online tool