

Versuchsanlage für Bewässerungs- und Solartechnik

Internationales Versuchs-, Trainings- und Ausbildungsgelände

Solar & renewable energy for rural & remote areas

- biogas technology
- wind & water energy
- plant oil & biodiesel
- solar home systems & solar cooking
- solar driven machines & solar water pumps

Solar Drying

- solar drying and solar assisted drying
- pre- and post- drying processing
- drying of sensitive products (herbs & medical plants)
- large scale drying units for co-operative use
- local manufacturing of drying plants
- training of local craftsman
- assessment of product properties to fix *Codex Alimentarius*
- quality control according to European food regulations
- storage, packing, marketing & quality management of dried goods

Irrigation

- soil classification
- water potential, water lifting and conveyance
- surface-, sprinkler-, and micro-irrigation
- irrigation, drainage, salination
- measurement devices, sensor control, TDR (Time Domain Reflectometry)
- plant response
- design and operation of irrigation systems
- water management on-farm / institutional



14 kWp Photovoltaik Anlage
seit 29.12.2006 am Netz

