

HYSOL PROJECT



The HYSOL Project, led by COBRA and jointly financed by the European Union, seeks to develop a new type of hybrid technology to contribute to sustainable development efficiently and cost effectively. This new technology will combine the COBRA Group's experience in solar thermal energy with its experience in combined cycle power plants, creating a unique capable of resolving the main problem with renewable generation: the intermittent nature of generation.

The project will include a gas turbine in COBRA's solar thermal plants by means of a sophisticated heat recovery system and will include a system for producing natural gas from renewable sources. The COBRA Group will be able to install 100% renewable plants that generate energy reliably regardless of the meteorological conditions.

HYSOL technology arises as a response to a recurring demand from our clients: reliable, profitable renewable energy. The new HYSOL configuration is being designed with flexibility as the top design criterion, so that it can be installed in any electrical system and operate as a base load or a plant to cover peaks.

The project, coordinated by COBRA, is being executed by a consortium of eight leading European companies and research groups and will be installed in COBRA's Innovation and Development Centre in Castile-La Mancha. The project will have an estimated duration of three years and will result in numerous patents and a prototype which will be used to validate the technology and resolve any doubts our future clients around the world may have. For further information: <http://www.hysolproject.eu>.

