



## **INTAS Thematic Call on Hydrogen Technologies and Biomass Conversion for Energy Generation 2005**

INTAS launches a Thematic Call for research project proposals **on Hydrogen Technologies and Biomass Conversion for Energy Generation**, with an indicative budget of **€ 1.5 million**.

### **Scope of the call will encompass two topics**

#### **1. New and improved technologies for Hydrogen production and storage.**

Technologies considered under this call include in particular:

- Improving production technologies such as high temperature steam electrolysis or high-temperature thermal splitting and exploring schemes to generate H<sub>2</sub> biologically or photo-biologically.
- Developing innovative ideas for mobile hydrogen storage.

Particular attention will be given to the safety aspects of both production and storage technologies.

Fuel Cells technologies are out of the scope of the call. Proposals received in this field will be considered ineligible and not submitted for evaluation.

#### **2. New and improved technology for the conversion of Biomass to Liquid Fuels (BTL).**

Technologies considered under this call include in particular:

- Improved gasification technology
- Chemical or biological processes for converting plants to liquids and/or separating liquefiable components from solid components.

### **Consortium:**

The project consortia must comprise at least two teams from two different INTAS member states, including the team of the coordinator, and at least one team from a NIS country.

### **Duration of projects:**

The project duration must be 18, 24, or 30 months.

### **Maximum allowable funding:**

The maximum allowable funding per project is **150,000€** subject to the scientific content, the duration and the number of scientists involved. No more than **25%** of the total project grant will be available to teams from INTAS member states.

### **Submission and deadlines:**

Proposals must be submitted through the INTAS internet-based Submission System.

A two-stage submission procedure will be implemented. In the first stage, only a short outline proposal (**pre-proposal**) will be submitted. Only pre-proposals passing all thresholds in the first-stage evaluation will be invited to submit a **full proposal**.

The first stage of the call will be opened on 3 May 2005, 14H00 Brussels time, and will be closed on 16 June 2005, 9H00 Brussels time. The second stage will be opened on 5 September 2005, 9H00 Brussels time, and will be closed 4 October 2005, 9H00 Brussels time.