



## BIOFUELS-2G

“Demonstration of a Sustainable & Effective  
2<sup>nd</sup> Generation Biofuels Application  
in an Urban Environment”



### What is the BIOFUELS-2G project?

- ▶ BIOFUELS2G is a demonstration project funded from the European Union
- ▶ It belongs to the LIFE+ Programme, which is the EU Financial Instrument for the Environment



### What is the target of this project?

- ▶ Study, develop and implement 2<sup>nd</sup> generation biofuels
- ▶ Environmental targets:
  - ▶ Reduction of climate change / CO<sub>2</sub> emissions
  - ▶ Promotion of the sustainable production of 2<sup>nd</sup> generation biofuels from used cooking oil with the use of **solar hydrogen**



Municipality  
of Thessaloniki



AUTH



AROTH



CERTH



**BIOFUELS-2G**  
**LIFE08 ENV/GR/000569**  
[www.biofuels2g.gr](http://www.biofuels2g.gr)



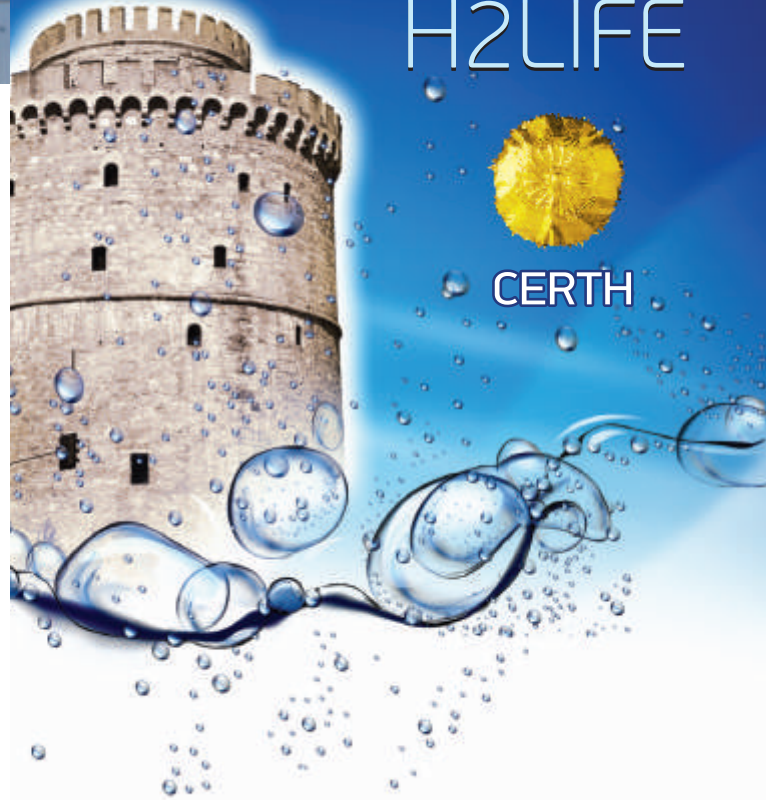
Partially funded  
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# HYDROGEN ENERGY FOR LIFE

# H2LIFE



CERTH



A European Conference  
on Renewable Hydrogen Economy  
& Production

Thessaloniki  
**G R E E C E**  
**24 May, 2012**





On behalf of the Organizing Committee, we cordially invite you to attend the International Conference “**Hydrogen Energy for Life**” (H2LIFE) on renewable hydrogen production. This conference will be held on 24 May 2012, in Thessaloniki, Greece. The event is funded by the LIFE+ BIOFUELS-2G project ([www.biofuels2g.gr](http://www.biofuels2g.gr)).

A key component of the BIOFUELS-2G project is the hydrolytic solar hydrogen production unit, which was designed and constructed by CERTH to demonstrate the potential of employing renewable hydrogen to increase the sustainability of 2<sup>nd</sup> generation biofuel production.



The H2LIFE conference aims to:

- ▶ Highlight promising R&D activities in the fields of renewable hydrogen production
- ▶ Outline recent demonstration projects highlighting hydrogen production
- ▶ Promote networking between academic and industrial stakeholders Initiate Private - Public Partnerships (PPPs)

This event is employed as 20th year anniversary event of LIFE program.



## Conference Tentative Agenda

- ▶ LIFE program Open Day presentation
- ▶ R&D - Demo Projects presentations on the hydrogen economy and production
- ▶ Biofuels 2G Project presentation
- ▶ During the event a tour of the hydrogen production site will be held with a live demonstration of the Biofuels 2G production process.



## Conference info

The H2LIFE Conference will take place at the “**Vergina**” **Conference Center** of the Centre for Research & Technology Hellas (CERTH)  
6th km Harilaou - Thermi Road



▶ Tel. +302310498302 ▶ Fax.+302310498380

▶ Email: [h2life@cperi.certh.gr](mailto:h2life@cperi.certh.gr)