

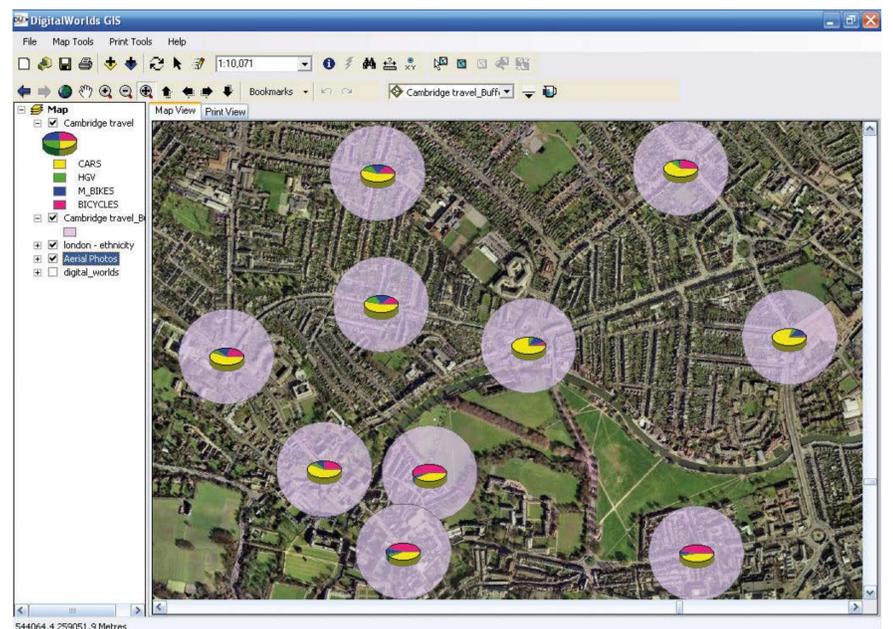


# iGuess

Integrating GIS Use in Education in Several Subjects

## Project

iGuess is a EU funded Comenius project that brings together 10 partners from different European countries, and aims at developing a teacher training course for using GIS in the secondary school classroom. GIS, Geographical Information Systems, are tools that allow us to create, store, analyse and manage data and associated attributes in a spatial way.



GIS are already widely used in all sorts of businesses such as industry and public services and they are rapidly emerging in several aspects of society and still gaining importance (examples are GPS and digital maps). In order to offer students the best opportunities to succeed in our future society, the iGuess partners decided to join forces. All project partners add their own specific expertise to the iGuess consortium. Hence, the expertise gathered in the project covers a broad, unique, range of fields.

Course participants that complete our course will be issued a GIS driving license, to which licenses for GIS software will be linked. Teachers that complete our course will, besides their newly acquired GIS skills, take home the necessary software to be able to develop their own exercises and use them in their classrooms.



Education and Culture DG

Lifelong Learning Programme

[www.iguess.eu](http://www.iguess.eu)



Integrating GIS Use in Education in Several Subjects

## Partners

- >> *KOGEKA* (coordinating partner), group of six secondary schools with more than seventeen years of experience in participating in European and international projects, Belgium
- >> *Pedagogical University Linz*, competence centre for lifelong learning and using digital media in education, specialised in geoinformation and organising in-service teacher training, Austria
- >> *GREEN*, educational non-profit organisation working on sustainable development and organising workshops and trainings in over 1500 primary and secondary schools, Belgium
- >> *VVKSO*, non-profit organisation developing school curricula for all Flemish catholic schools and organising in-service teacher training, Belgium
- >> *University of Sofia*, the faculty of geology and geography is the main educational and research unit in the field of geography in the country, conducting studies in areas such as geoinformation technologies and their applications in geographical research, Bulgaria
- >> *University of Helsinki*, the department of geography conducts researches in geoinformatics in different fields, provides pre- and in-service training for geography teachers and has been an active participant in projects introducing GIS into secondary school education, Finland
- >> *Holy Heart Institute*, a big secondary school in the outskirts of Paris with more than twelve years of experience in participating in European and international projects, France
- >> *University of the AEGEAN*, the department of Geography has a wide expertise in GIS and digital cartography, geographical and environmental education, and didactics in geography, Lesvos, Greece
- >> *Danube-Drava National Park Directorate*, a public body with an extensive educational service, offering many school programmes among which GIS teacher training, Hungary
- >> *Digital Worlds International Ltd.*, a software development company that has developed user-friendly GIS software for educational purposes, based on ArcGIS, and that manages the EU's largest schools based GIS project, Dakini, UK

## Associated partner

- >> ESRI Europe, the Netherlands

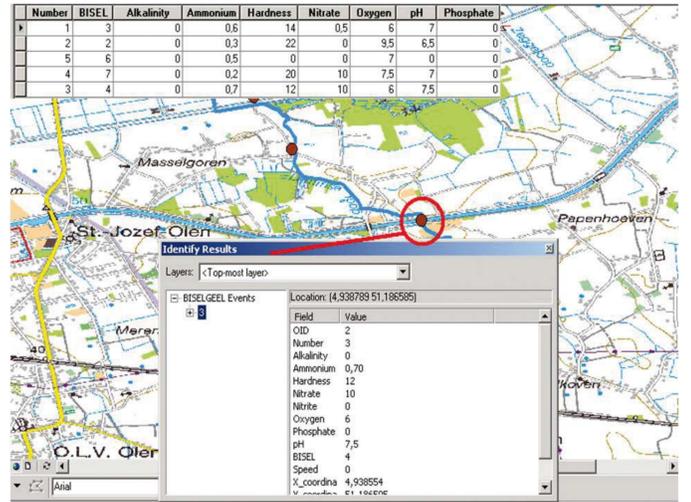
## External evaluator

- >> Karl Donert, UK



Education and Culture DG

Lifelong Learning Programme



[www.iguess.eu](http://www.iguess.eu)



# iGuess

Integrating GIS Use in Education in Several Subjects

**Have been playing with  
Google Earth?**

**Want to make digital maps?**

**Want to innovate your  
lessons with GIS?**

## **Course**

The iGuess partners created a course to enable you to develop your own GIS exercises and use them in your classroom. The expertise gathered in the project covers a broad, unique, range of fields.

If you complete our course, you will be issued an educational GIS Certificate, to which licenses for GIS software will be linked. Besides your newly acquired GIS skills, you will take home the necessary software.

## **Course programme:**

Day 1: Introduction and basics of spatial thinking and GIS learning

Day 2: GIS exercises, in several subjects and applied to several European countries, such as researching and mapping black stork nests, industrial zones, genetically modified crops, earthquakes and seismic activity, and exploring the world with Maths

Day 3: Fieldwork with GPS to collect and process geo-data

Day 4: Didactical guidelines for preparation and development of own exercise

Day 5: Presentation at European Parliament in Brussels, with official presentation of an educational GIS Certificate to the course participants, introduction to the Lifelong Learning Programme and evaluation.

**Course language:** English

**Costs (you can apply for a complete refund at your own national agency):**

1200 euro (800 euro for subsistence, and 400 euro for the course)

**Contact:** Els van Turnhout, Administrative coordinator

[els.vanturnhout@telenet.be](mailto:els.vanturnhout@telenet.be)

for more information and help with your application.

**Place of course:**

Geel/Brussels, Belgium

**Date of course:**

Monday 20 Sept to Friday 24 Sept 2010, Sunday and Saturday are travel days!



Education and Culture DG

Lifelong Learning Programme

[www.iguess.eu](http://www.iguess.eu)