

## Mobgas©

### Description

Challenging issues such as greenhouse gas emissions and Climate Change may seem very remote, but there are ways that can help to better perceive our contribution to such problems. The Mobgas© technology estimates individual's energy consumption based on the information, country variables and appliances (or other) specifications that the user inputs. Mobgas© is an easily accessible and easy to use daily log, and the technology will be the first mobile application about climate change with wide distribution in Europe and the world. It aims at making the connection between individuals' daily activities and the emissions of Greenhouse Gases and when possible suggests changes to improve individual performances. It is a kind of diary of users' behaviour through the emissions of three Greenhouse Gases (GHG): carbon dioxide – CO<sub>2</sub>; methane – CH<sub>4</sub>; and Nitrous Oxide – N<sub>2</sub>O. Through a remote connection to a central database, the users can compare their emissions of GHG with weekly averages or with country and world averages. Further more the application provides indications on user's position with regards to Climate change targets and policy (Kyoto), as well as tips for "behaviour" improvement.

With this type of indications it is expected that the users reflect on their behaviour and possible changes, and ultimately demand for technology and climate related policy improvements. Being an application to run in mobile phones, it allows the user to have an easy and fast access to the application and respective information at any time of the day.

<http://mobgas.jrc.it>

Kyoto indicator reflecting the user contribution to the Kyoto target.



### Innovative aspects and main advantages

- First mobile application about climate change
- World wide distribution
- Easily accessible and easy to use
- Comparison with different types of averages
- Tips for behaviour improvement

### Areas of application

- Green mobile application
- Fight against Climate change



mobGAS in a mobile phone



mobGAS results of GHG emissions  
Comparison with national and  
world emissions

### Stages of development

Licences for further development are available.

### Scientific contact

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Reference: Mobgas