

# Second Generation Locator for Urban Search and Rescue Operations

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# Field Analytical Chemistry and Technology Unit



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## Field Analytical Chemistry and Technology Unit (FIACTU)

### Home



FIACTU research unit is situated in the premises of the [National Technical University of Athens](#), and focuses on the use and advancement of on-site chemical analysis. Much of the research work is based on exploring chemical methods and instrumentation that can be applied to potential environmental, health, as well as natural and man-made disaster management applications. FIACTU efforts stretch beyond analytical science applications; integrating field chemical analysis with ICT large or small scale applications. Power supply, ergonomic and interoperability considerations are also included as parts of the research approaches. FIACTU is a RTD performer for SMEs.

## “SGL for USaR” in brief

|                         |   |
|-------------------------|---|
| Full title              | Second Generation Locator for Urban Search and Rescue operations  |
| Call                    | FP7-SEC-2007-1  |
| Number of partners      | 21  |
| Duration                | 49 months   |
| Webpage                 | <a href="http://www.sgl-eu.org">www.sgl-eu.org</a>  |
| Deliverables            | FIRST: man portable device<br>REDS: network of sensors<br>C2IP: command and control integrated platform |
| Scientific publications | 38  |

# SGL for USaR: Lessons learned

During the proposal preparation:

- Technology vision
- Background technology
- Partnership

During the lifetime of the project:

- Leadership
- Flexible management
- Achieving the milestones
- Connecting to the operational community
- Scientific breakthrough
- Optimization of technologies

## SGL for USaR: Results

Project results presented in:

- "[Euronews](#)"
- "TVE"
- "Kathimerini"
- "Eleftheros Typos"
- "Wissen in Dortmund"
- "Week in Ideas/Ideas Market - Wall Street Journal"
- "Australian Geographic"
- "Institute of Physics"
- "Loughborough University Research Magazine"
- "BBC News"
- "Vaucluse matin"
- "Science Media Center"
- "Pathfinder"



**SECOND GENERATION LOCATOR**  
for URBAN SEARCH and RESCUE OPERATIONS



*Thank you for your attention!*