

# GAIA Newsletter

May 2019

Volume 3

## The project

The Green Awareness in Action (GAIA) project has formed an educational community that includes 24 schools and 1 university with GAIA infrastructure across 3 countries (Greece, Italy and Sweden), while 2 schools in Greece participated in the project activities without infrastructure. The project is completing its activities on May 2019.

## A quick glance at the GAIA Trials during 2018-2019

During the school year 2018-2019, **students** from **24 schools** participated actively in the GAIA project undertaking several educational activities regarding energy efficiency in their own building.



- GAIA Challenge: 3735 registered users throughout the project
- Building Manager Application: 254 accounts for schools and educators
- GAIA Educational lab kit: a series of hands-on activities based on thematic cycles related to sustainability and energy, applied to 20 schools during the two school years 2017-18 and 2018-19
- GAIA Booklets: two books explaining the GAIA principles and methodology, along with lesson plans for hands-on energy-saving class activities

## GAIA Contest 2019

A contest with three categories was announced on January 2019 with three pan-European quests for all participating schools.

### CONTEST 1: Show us the improvement of your GAIA class!



#### WHAT YOU HAVE TO DO:

School classes (students and teachers) will have to present activities already done for reduction of energy consumption in their class.

#### HOW TO DO IT:

Write a short report (we would love to also receive Videos in addition to the report) with the improvement activities you have performed to achieve energy reduction. Present how you come up with the need (preferably based on the BMS data observed), what did you do and how you assess the outcome (if possible with BMS data).



### CONTEST 2: Share your GAIA ideas!



#### WHAT YOU HAVE TO DO:

School classes (students and teachers) will present their ideas of how they will use and exploit GAIA tools and experience, in the future.

#### HOW TO DO IT:

Write a report (preferable with a presentation (in power point) /or video) with your ideas of how GAIA tools (GAIA Challenge, GAIA BMS) and the GAIA lab kit can be effectively further used and exploited in your school in the near future (e.g. next school year)

### CONTEST 3: Build your GAIA challenge's portfolio!



#### WHAT YOU HAVE TO DO:

You have to enrich your portfolio in GAIA Challenge.

#### HOW TO DO IT:

Go to the GAIA challenge and use all of the available functionalities of the game (upload instances, upload videos, reports and images during the action missions) aiming at enriching your portfolio.

Overall, 10 schools from Greece and Italy participated in the 2019 contest:

- The Experimental Primary School of Patras,
- the 6th Primary School of Kaisariani in Athens,
- the Gramsci Keynes School in Prato,
- the 7th High School of Trikala,
- the 3rd High School of Nea Philadelphia in Athens,
- the 8th Junior High School of Koridallios in Athens,
- the 1st Primary School of Psichiko in Athens,
- the 46th Primary School of Patras,
- the Junior High School of Pentavrisos in Kastoria, and
- the Primary School of Megisti in Kastelorizo.

### Participation in Exhibitions

The GAIA consortium participated in a series of large science and research exhibitions around Europe.

#### Athens Science Festival 2019

The 6<sup>th</sup> Athens Science Festival was held in Technopolis, City of Athens, between April 3 and 7, 2019, and this year it focused on good practices in order to reduce our environmental footprint and to plan a future for global protection to go hand in hand with growth. The Athens Science Festival is the largest exhibition on science and technology applications in education in Greece, with over 30000 visitors.

#### Patras IQ 2019

The GAIA team participated at the Patras Innovation Quest Technology Transfer Exhibition (PatrasIQ) held on April 12 -14, in Patras, Greece, with thousands of visitors.

#### Patras Science Festival 2019

GAIA participated in the Patras Science Festival, presenting the project and the GAIA control panel to students from Patras and western Greece. The Patras Science Festival 2019 is organized by the Science Communication educational group and the Hellenic Open University, under the aegis of the Greek General Secretariat for Research and Technology. The event was attended by more than 6500 visitors this year.



#### LearnTec 2019

LearnTec is the biggest digital learning fair in Germany with over 11.600 participants. This year the event included 341 exhibitors from 15 countries, with our partner OVOS having a booth showcasing its educational portfolio, including the GAIA Challenge.





<http://gaia-project.eu>



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<https://www.youtube.com/channel/UC6BA2B6FMNE83-UFZw34gZA>