**Energy Tour- Record**

**School Name: 27th General Lyceum of Athens, GREECE**

1. **School Building**

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| --- | --- | --- | --- | --- | --- |
| Number of people in the school community | School Opening –Closing hours | Building Construction Date/Renovation Date | Spaces/Rooms used after school working hours (evening classes/parents meetings..) | School Canteen Opening-Closing hours | Problems –Defects-Deficiencies in the building |
| Students:  **250**  Teachers:  **25**  School Support staff (general duties, cleaners, technical maintenance…):  **1 cleaner**  **1 school guard** | **8.15-14.10** | **Building Construction Year:1967**  **Building Renovation Year:2012** | **4 classrooms are used for a Second Chance School. Hours 17.00-21.00** | **8.00-14.00** | **-Too hot during summer because of cement and lack of green**  **-not air conditioning or fans during summer**  **-no insulation**  **-humid classes** |
| 1. **Windows**  |  |  |  |  |  | | --- | --- | --- | --- | --- | | Windows  Placement Year | Framing (aluminum  or wood?) | Glazing (single or  double)  Are there shutters/curtains? | How do windows open? Wide open/half - the way windows open affects the ventilation | Problems –Defects-Deficiencies | | **2012** | **Electric windows made of aluminum** | **Double glazing**  **No curtains or shutters** | **They open half way** | **In some classes, some electric windows do not work** |  1. **Heating**  |  |  |  |  |  | | --- | --- | --- | --- | --- | | What type of heating? Central heating/fuel oil/gas/electric  /solar energy/..other | Characteristics of the boiler  ( kW) | Heating circuit. One or more circuits? Insulated pipes? Sensor for outside  temperature? Valve types? | Working hours of heating in school hours? Set Temperature at heating function? Heating function after school hours? | Complaints.  Too warm/cold classrooms.. | | **Central heating on gas** | **In perfect condition** | **-2 circuit ways**  **- insulated pipes**  **-not sensor for outside temperature** | **8.00-12.00** | **-Sometimes cold because of open doors and windows**  **- sometimes too warm because heating is on when it is not necessary (on a shiny day)** |  1. **Lighting**  |  |  |  |  | | --- | --- | --- | --- | | Types of lights in the classrooms, offices, labs, corridors, gym….  Incandescent bulbs, fluorescent bulbs (LED), spotlights.. | Are there any motion sensors?  where?  Are there lighting dimmers? where? | Outdoor lighting? In which areas?  How many hours does it operate? | Year of change of the lighting system?  (If there has been one) | | **Fluorescent**  **In each classroom, there are 18 fluorescent tubes (36 Watt each ) in 3x3 double lines.**  **In corridors, there are 20 tubes in 4 corridors in 2 floors** | **-no motion sensors**  **-no lighting dimmers** | **-Outdoor lighting at halls and corridors not used during day**  **-Outdoor lighting in entrance and front corridor used from 17.00-21.30** | **2012** |  1. **Appliances**  |  |  | | --- | --- | |  | Number | | Computers/Printers | **10 computers (in the Lab), 5 computers (in offices), 2 laptops, 2 printers** | | Interactive blackboards | **2** | | photocopiers | **4** | | Projectors (Ceiling/portable) | **2 ceiling, 2 portable** | | Fridges/ coffee machines/kettles | **2 fridges, 1 coffee machine, 1 kettle** | | School canteen equipment | **1 oven, 2 coffee machines, 2 fridges, 1 microwave, 2 toasters** | | Air conditioning | **2 in teachers’ offices** | | Other  …………………………………………………….  ……………………………………………………… | **1 Loud Speaker, 1 amplifier, 1 fax, 2 electric heaters, 2 fans** |  1. **Users’ Attitudes**  |  |  |  |  |  | | --- | --- | --- | --- | --- | | Lighting  (eg lights on during the break.)  on a l  room) | Heating  (eg maintenance /blocked radiators) | Appliances (on/off/stand by..) | Ventilation of premises  (eg rooms with poor quality  of air) | Doors/windows (eg open doors with radiators  on) | | plinlll  In  **In some rooms**  **-Lights on during the break**  **-Lights on during a bright day** | **Some radiators -blocked by objects**  **-not maintained** | **-stand by PCs, photocopiers, projectors during school hours** | **In some rooms**  **-windows closed during break time**  **-poor quality of air**  **- not opposite sides windows open-no airflow** | **Instead of being open only during break in order to refresh the air, in some classes doors and windows are left half open during lesson with radiators on** | | | | | | |