**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**

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| --- | --- | --- | --- | --- |
| WindowsPlacement Year | Framing (aluminumor wood?) | Glazing (single ordouble) 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 outsidetemperature? 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**

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| --- | --- | --- | --- | --- |
| Lighting (eg lights on during the break.)on a lroom) | Heating (eg maintenance /blocked radiators) | Appliances (on/off/stand by..) | Ventilation of premises(eg rooms with poor qualityof air) | Doors/windows (eg open doors with radiatorson) |
| plinlllIn**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** |

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