Students report about CO_2 monitoring
Ученически доклад за дейността по измерване на CO_2

Дата/ Date: 09.03.2024

1. Въведение (Introduction):

Monitoring the concentration of CO2 in a closed environment. The time period is 15 days /05.03 – 19.03.2024/. The goal is to examine the levels of CO2 whether there are dust particles, change of temperature, number of people inside the room or ventilation.

Project number 2022-1-IT01-KA220-VET-000087732 –
"CHANGE - Co2 monitoring in scHools for digitAl aNd Green compEtences"
CUP G31B22002160006

Event log to be used in CO_2 monitoring experiments
Доклад за дейността при мониторинг на CO_2

Type of activity (вид дейност): Monitoring CO2

Info about workspace (информация за работната среда) - School environment

School and Class (училище и клас) – PGE „John Atanasov" – Stara Zagora, 10b

Room destination (номер на стаята) - 418

Room surface (площ на стаята) - 30 m²

Room volume (обем на стаята) - 90 m³

Number of windows (брой прозорци) - 2

Window opening surface (площ отваряеми прозорци) – (0,8 x 2) m²

Position of monitoring stations (разположение на устройството) – **in the middle of the east wall of the room**

Position of HVAC (Отоплителни , вентилационни системи) - Radiator 3m² away

Average number of occupants (среден брой на хората) - 0

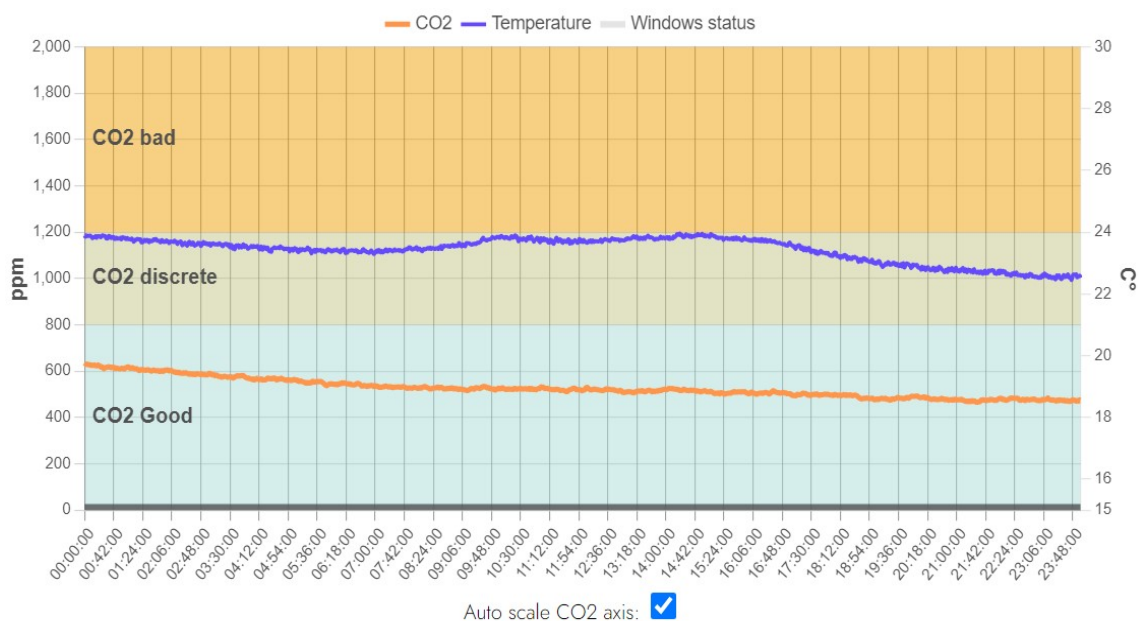**Average occupation time (school hours?)(учебни часове: начален час-краен час)** 00:00 – 00:00

Разположение на стаята и устройството

Event Log

2. Информация (Information):

Station CHANGE44

11:35:37

Auto scale CO2 axis: ☑

9.03.2024

Неучебен ден затворен прозорец, постоянна концентрация, Неработещо парно

Start time Начален час	End time Краен час	Event събитие	Notes Бележки
00:00	00:00	Closed window	No school activities

3.Коментари (Comments):

In the room, the windows are closed, the heating is not working, the equipment is also not working. There are no students. No plants/flowers. The concentration is within the permissible values, below 800 ppm.

4. Заключения (Conclusions):

In the absence of external factors, the concentration of CO_2 in a closed room is normal and almost constant.

Изготвили (Issued by) : 10б клас (class)