



The unique solution in the world to improve air quality and save energy.

FYBRA FOR SCHOOLS

ADDED VALUE

ABOUT US

Fybra is a **100% Italian company** that improves air quality in a revolutionary way thanks to a **patented and unique solution** that has made the company internationally recognized with multiple awards.

It uses **advanced sensors** and **predictive-adaptive algorithms** to ensure healthiness, comfort, and energy efficiency.

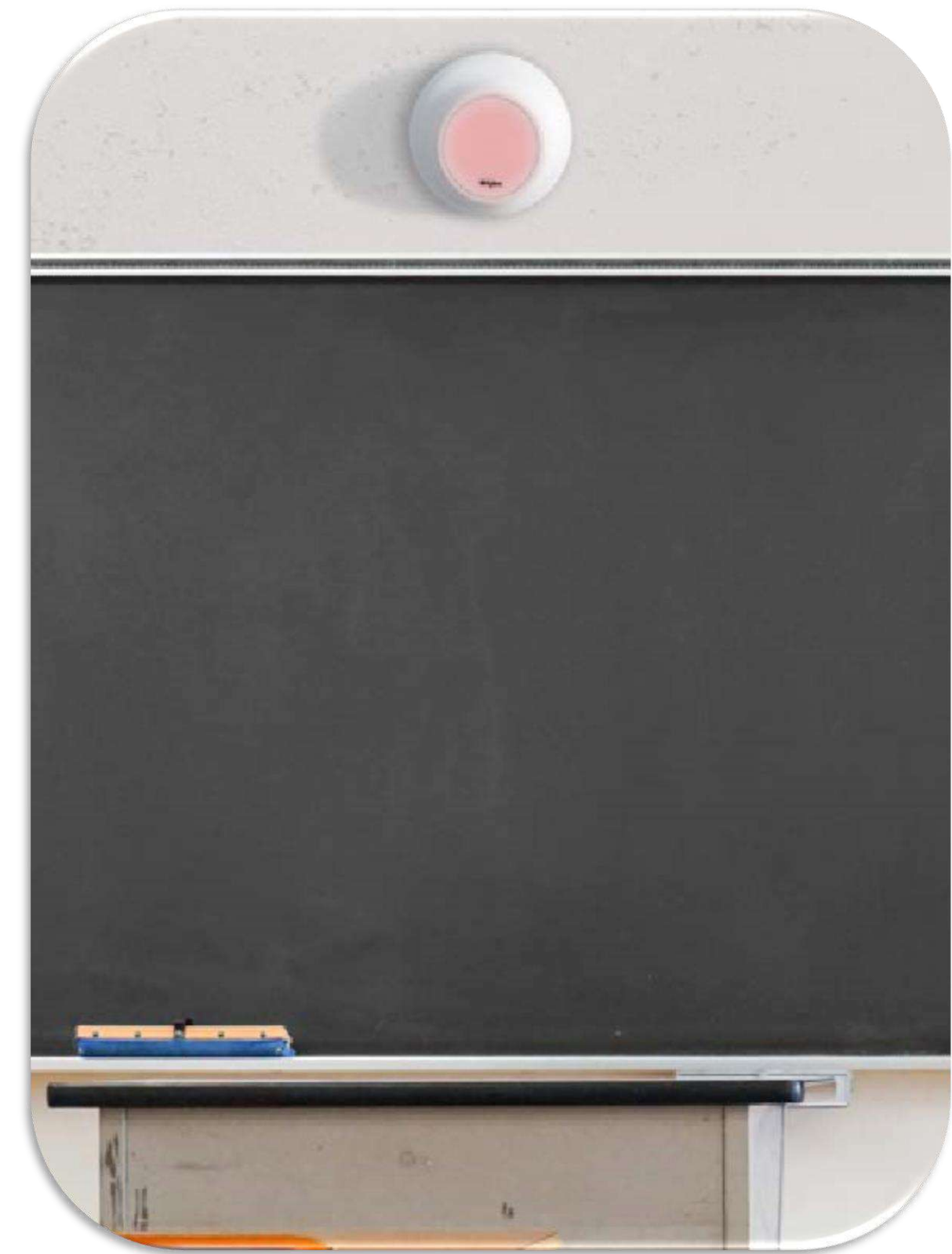


ACHIEVED OBJECTIVES

THE NUMBERS OF FYBRA

Fybra currently monitors and contributes to improving air quality for **100,000 students** in over **450 schools**.

We are present in **12 Italian regions** with over **4,000 devices**.



FYBRA SCHOOLS AND OFFICES

AWARDS AND RECOGNITIONS



iF Design Award 2022
iF Design Award 2022 –
Product category



Financial Times
Responsible Business
Education Awards 2022



Klimahouse 2021
First Prize in the
Innovation Category



Amazon Launchpad 2023
Finalist – Innovation
Award



Mobile World Congress 24
Best startup at 4Y4N
Esade's Choice



CleanTech
CleanTech Challenge –
Italian Chapter



Future Hub Award
Best entrepreneurial
reality of the year



CasaClima
Best start-up in show



Scale up Landing Pad Program 2023
Participant



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OFFER FOR PUBLIC ADMINISTRATION

CO2 Values



TEMPERATURE



FYBRA'S OFFER

WE PROVIDE ANSWERS



1. How can I ensure proper air exchange in schools while preventing heat loss when not needed during class hours?
2. How can I install and optimally manage a **controlled mechanical ventilation system**?



3. In order to reduce consumption, is it possible to manage heating on a room-by-room basis?
4. Is there an efficient solution that allows me to **reduce heating costs**?

FYBRA'S OFFER

FYBRA SCHOOL

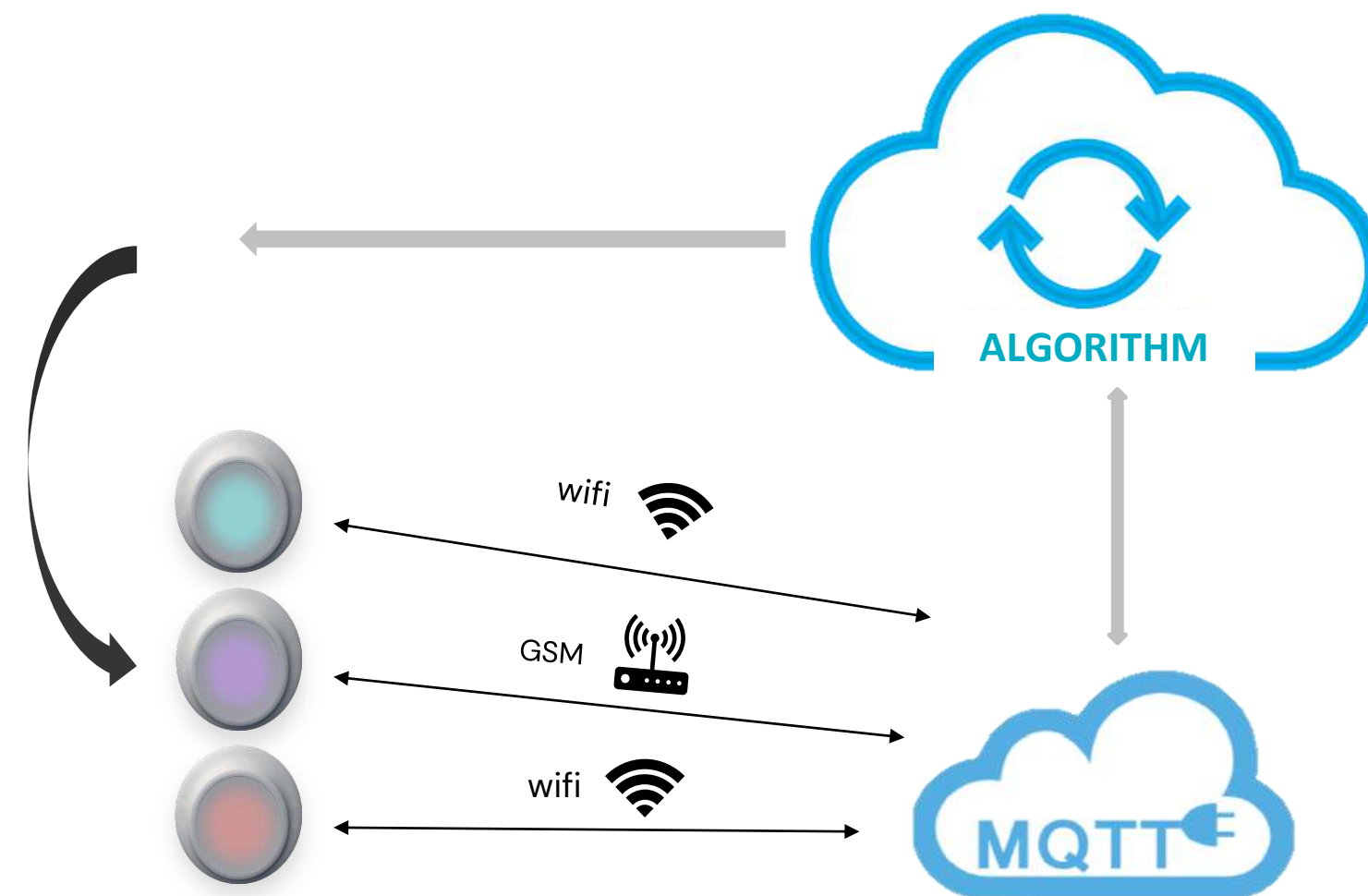


Fybra is an innovative **patented sensor** that is revolutionizing the school environment through **natural ventilation** and, where present, assisting **mechanical ventilation**.

Thanks to its intelligent algorithm, Fybra autonomously monitors the parameters of the school environment (CO2, Temperature, and Humidity), **cross-referencing internal data with external ones** (temperature, pollution, wind...), and **calculates optimal ventilation times**, signaling them with a simple light indicator. **Savings of up to 20%** have been calculated during the winter season.

FYBRA SCHOOL

HOW IT WORKS



Installation in 1 minute

Monitors and sends data to the cloud

Learns pollutant trends and room behavior

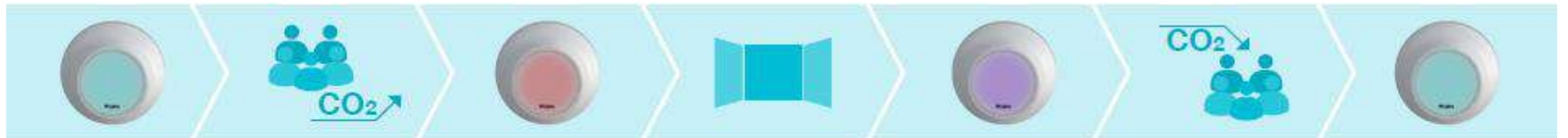
Predictively and adaptively calculates optimal ventilation and signals it with a light indicator

When to open

When to close

=

Improves air quality
Prevents heat/cold loss



FYBRA'S OFFER

FYBRA' STEM PROGRAM



Fybra offers a unique opportunity for teachers and students to explore indoor air quality as part of their educational paths.

Thanks to real-time data and detailed graphs provided by Fybra, students can explore scientific, mathematical, physical and biological principles related to the chemical-physical conditions of air and their trends over time. Fybra will provide material studied with expert teachers for interactive scientific experiments, making children, students and professors protagonists of their learning.

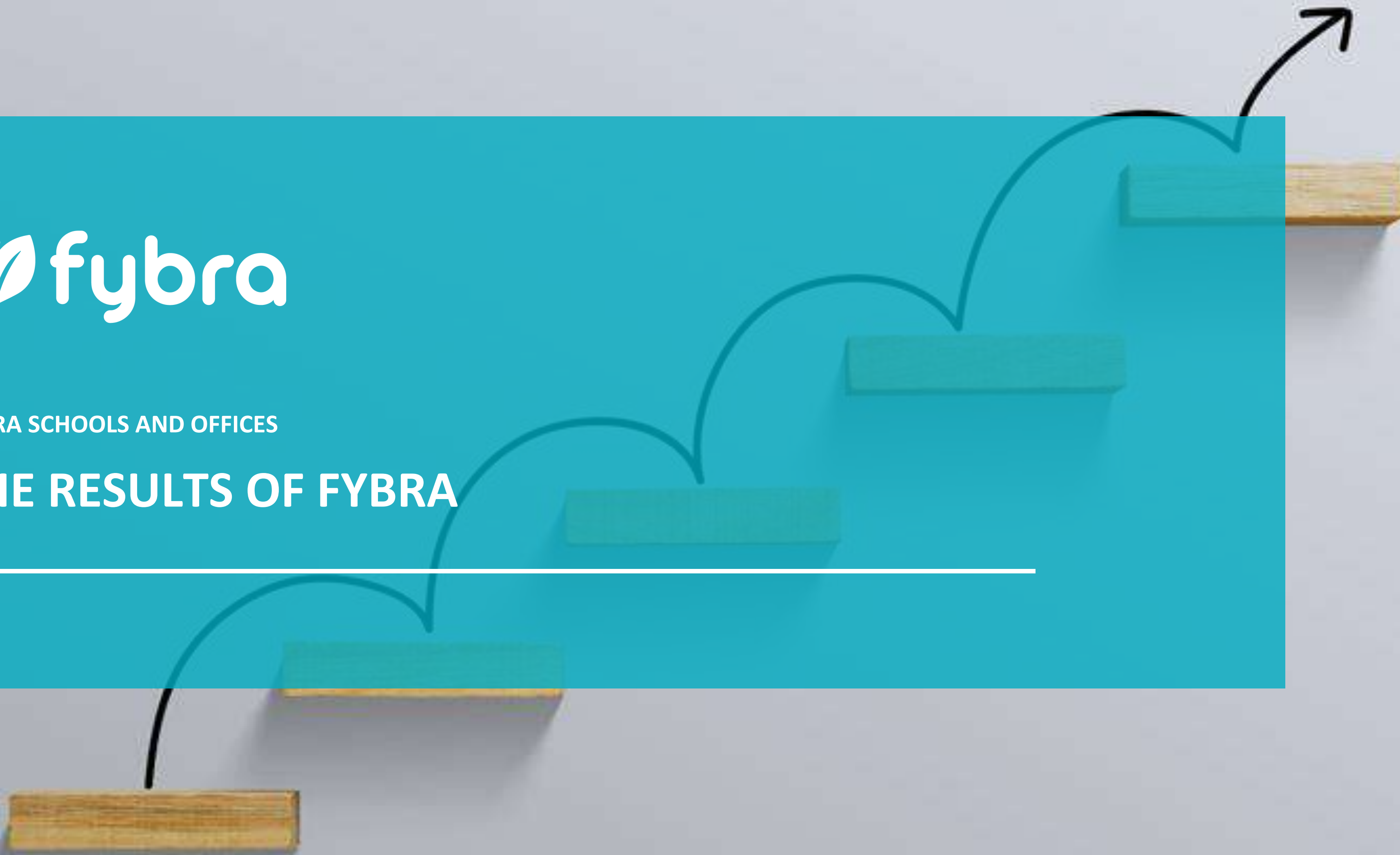
A unique opportunity for:

- interactive and engaging scientific education
- civic and environmental education



FYBRA SCHOOLS AND OFFICES

THE RESULTS OF FYBRA



THE RESULTS OF FYBRA

EMPIRICAL EXPERIMENTATION



With Fybra®:

- N. Openings: **56**
- Average CO2 = **-30%**
- Total Time Above "Critical" Thresholds= **-40%**

Without Fybra®:

- N. Openings: **129**
- Average CO2 = **+30%**
- Total Time Above "Critical" Thresholds= **+40%**



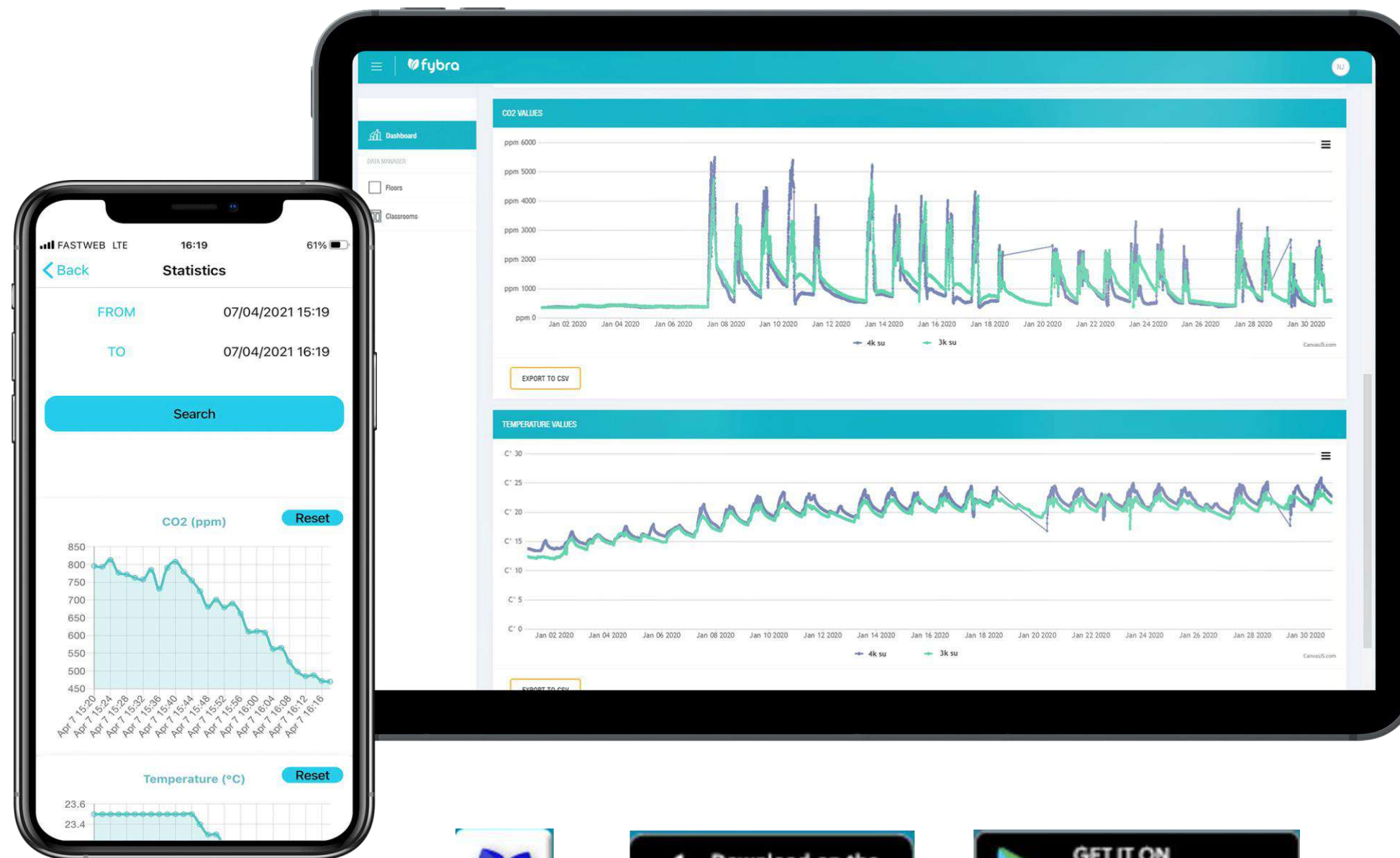


FYBRA SCHOOLS AND OFFICES

REMOTE CONTROL

REMOTE CONTROL

SOFTWARE FOR DATA MONITORING



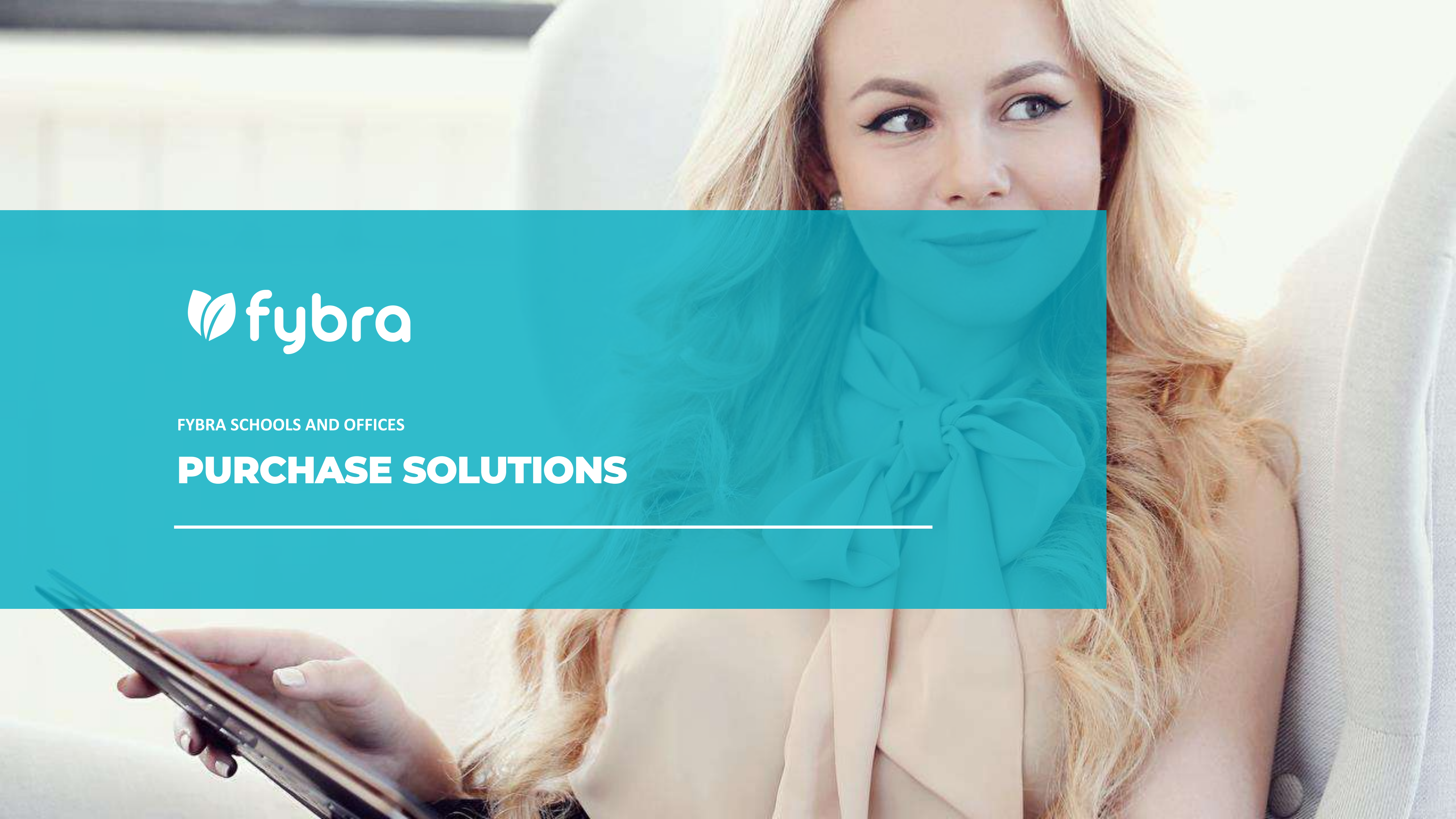
WILL IT BE POSSIBLE:

- Manage multiple devices with individual settings.
- Define and customize the **zones** where Fybra devices are located.
- Monitor the status of the devices.
- Obtain **reports** on monitored data by scheduling automatic periodic transmissions where required.



FYBRA SCHOOLS AND OFFICES

PURCHASE SOLUTIONS



FUNDING AND INCENTIVES

BILL SAVINGS

Thanks to Fybra's solution designed for buildings that meet the eligibility criteria in terms of gas consumption per square meter and heating system structure, it will be possible to implement a **purchasing plan based on the savings** generated by our devices over the following years. Upon reaching the agreed-upon value, the devices will become your property, and you will fully benefit from the savings for the years to come.



FYBRA

THANK'S FOR THE ATTENTION

Address

Headquarter

Via Caldera, 21, 20153 Milano MI