



soletair power

Turning buildings into carbon sinks

Capturing carbon for enhancing productivity
and improving global well-being.

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ABOUT SOLETAIR POWER

Situated at Lappeenranta, Finland – the cleanest city in Europe – Soletair Power, since its inception in 2016, has been continuously working towards innovation in the Power-to-X technology and capturing CO₂ from the air in improving human performance. Soletair Power has secured multiple series of investments from Wärtsilä and is serving customers all over the world.

Mentioned in



The Guardian



THE WALL STREET JOURNAL

Supported by



BUSINESS FINLAND



Co-funded by the European Union



Centre for Economic Development, Transport and the Environment

WHERE ARE WE DIFFERENT?

01. Tailored for buildings

Our CO₂ capture devices are compact and fits the infrastructure as we develop them following a modular design principle.

02. Viable solution at reasonable price

Through continuous research, we have already discovered several ways to optimize costs that will minimize the cost and energy required for removal of per KG of CO₂.



ENDLESS POSSIBILITIES

Do not let CO₂ play havoc with your brain! Boost productivity indoors, unlock brainpower & perform better with our fully standalone indoor CO₂-buster — the first “Indoor CO₂ Capture Unit” from Soletair Power.

With materials loaded to capture productivity-blocking greenhouse-gas CO₂, we welcome you to unleash your fullest brain potential with our completely standalone, Indoor CO₂ Capture System. Whether it's enhancing your strategic thinking capacity, boosting your productivity, or improving your wellbeing, we offer the solution that can't be found anywhere else in the world.

Perform better, create
fuel and **save the planet!**
All at the same time

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power

INDOOR
AIR CAPTURE UNIT.

soletair power
capturing carbon, improving well-being



Soletair Power Indoor CO₂ Capture Unit



INDOOR AIR CAPTURE UNIT.

Captures CO₂ from a single meeting room during an office day. Office buildings equipped with Soletair Power's air Capture technology will be able to keep CO₂ levels low and people working more efficiently.

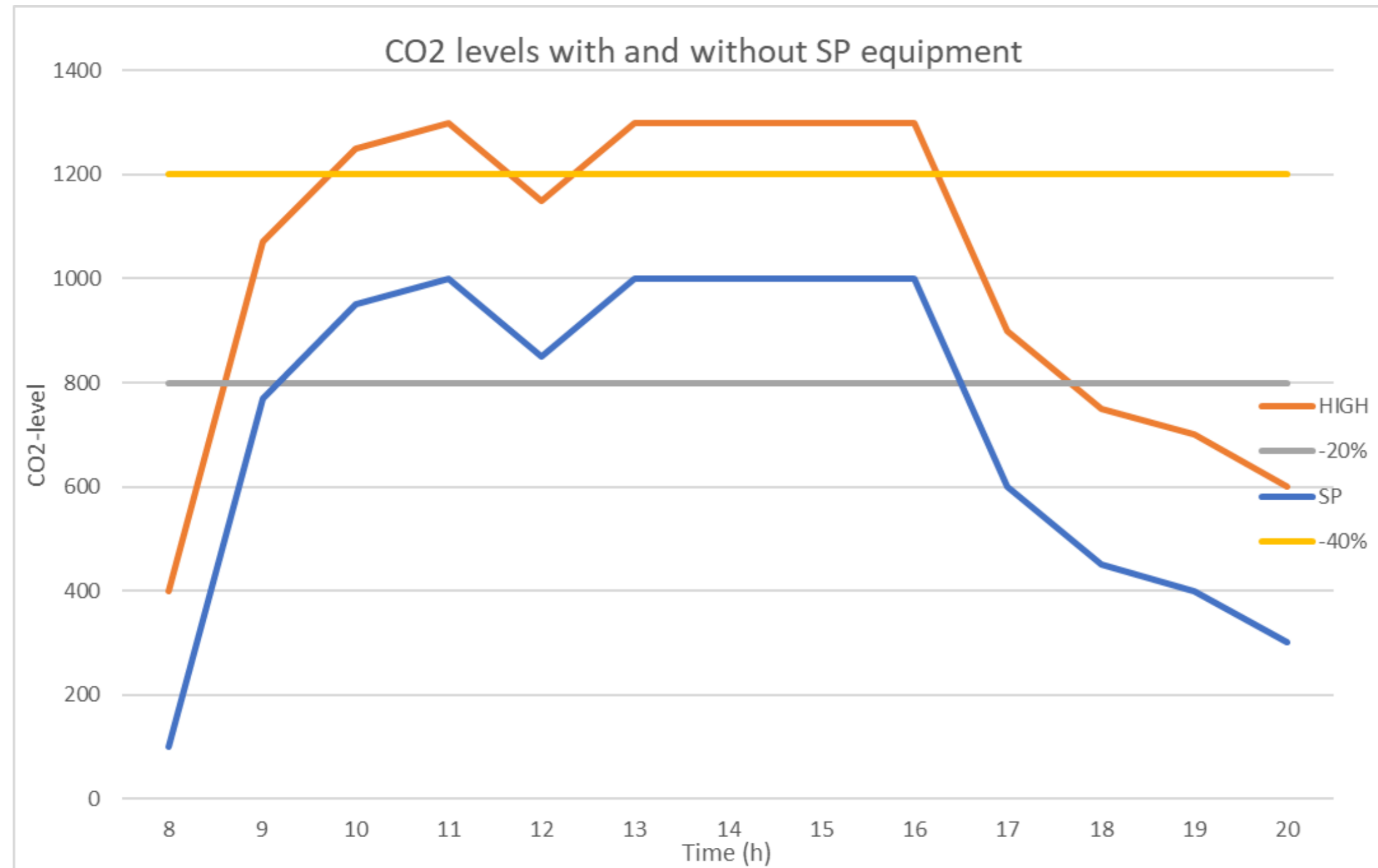
Specifications:

- Dimensions l*b*h: 0.4 m x 0.4 m x 1.5 m
- Captures carbon dioxide indoors and keeps the air CO₂ lean
- 24/7 indoor CO₂ monitoring
- 7" RGB touchscreen display
- Built-in self-cleaning module
- Power requirement: 230 VAC
- Filter efficiency MPPS: ~98.997%
- Linux based OS

Benefits:

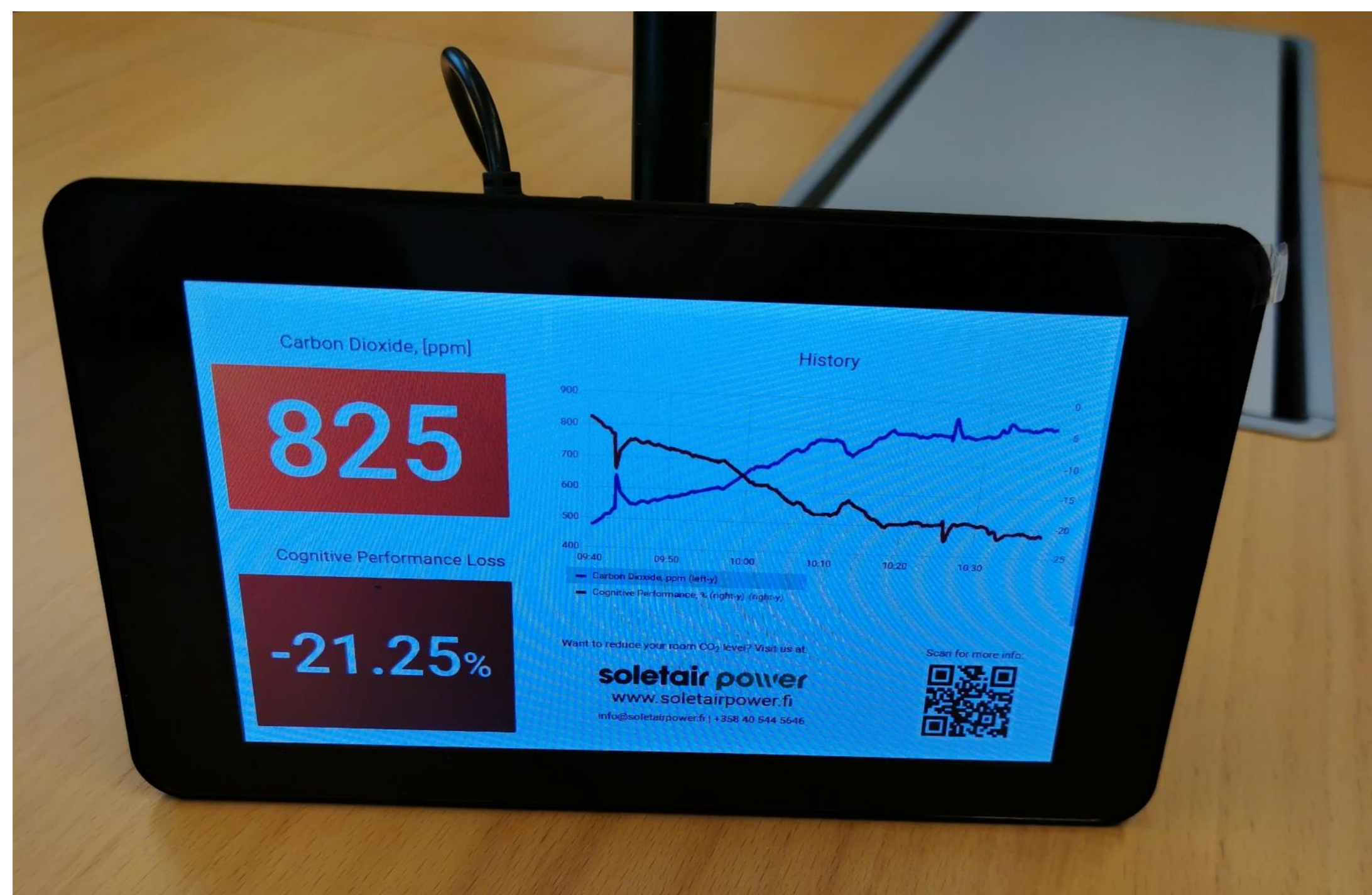
- CO₂ levels can be kept below outdoor levels during working hours
- Constant CO₂ tracking with data collection
- Employees enjoy CO₂-lean air benefit
- Suitable for meeting rooms

CO₂ Levels with and without Soletair Power equipment



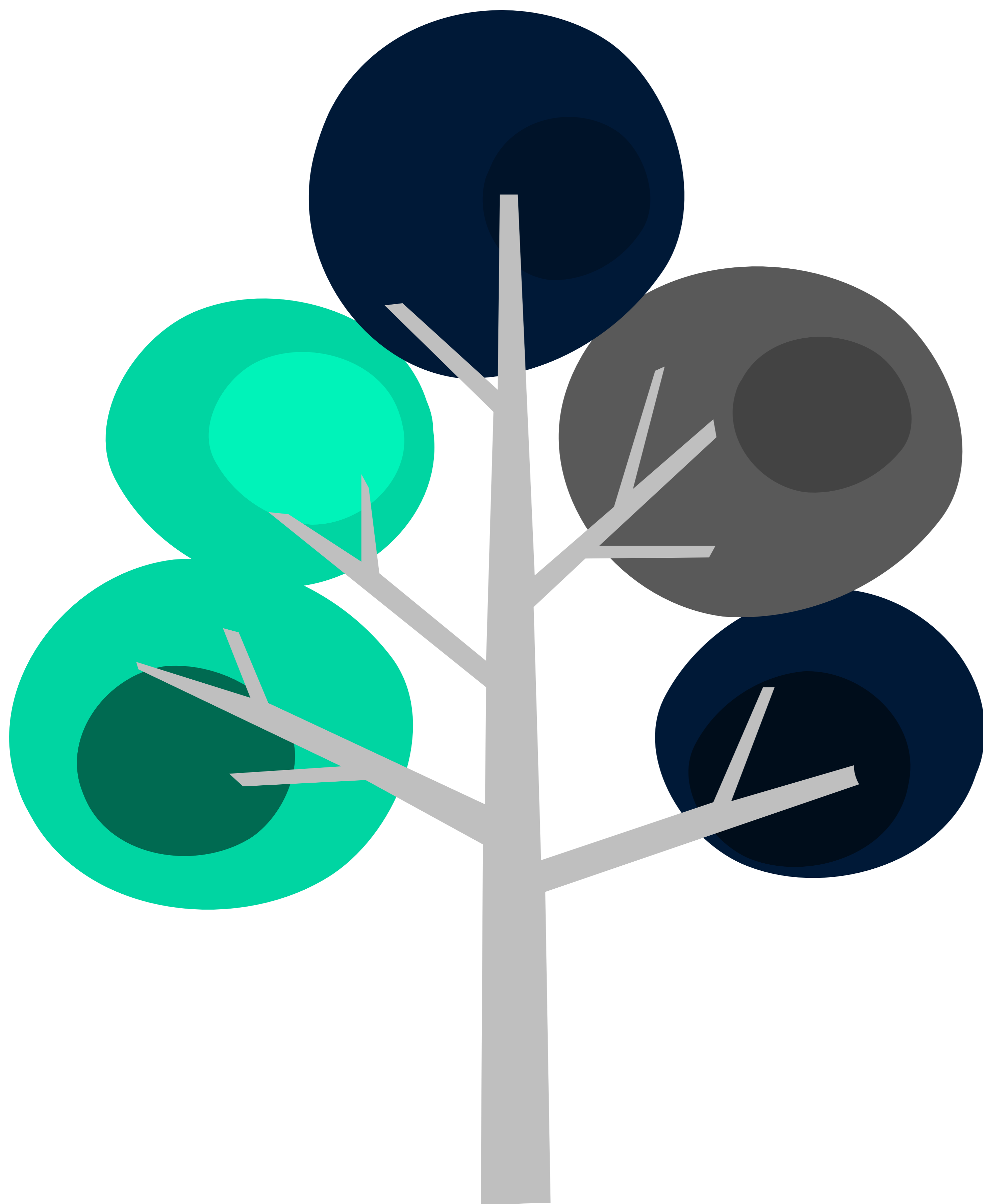
Simulation

- >300ppm difference of indoor CO₂-level which equals ~20% higher cognitive function on employees
- Benefit per employee 6000-14000€/a



CO₂ Sensor

- Scientific data shown in additional materials
- Sensor that tracks CO₂ levels is available for testing/purchase



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