

Wasteless office

Challenge Overview

As a civil engineering firm, we witness how much material at construction sites could be repurposed but often ends up discarded, as well as the potential for recycling used materials into new products or even upcycling them to fulfill the same function as before.

Moreover, waste is not only generated at the start or conclusion of an office's lifecycle; significant waste also arises during the "active" phase of its existence. This includes excessive water usage, energy consumption, and unnecessary paper waste, among other things.

We invite you to assist us in identifying the perfect office that remains sustainable throughout its entire lifecycle. An office where every single sheet of paper, every Joule of energy, and every drop of water is utilized effectively to its fullest potential. An office designed to minimize resources wherever possible.

Who is initiating the challenge?

At CAPEXUS, we are firm believers in the transformative impact of thoughtfully designed interiors. It's not solely about appearance; it's about cultivating an atmosphere that encourages professionalism, positivity, and well-being. Our goal? To create and construct spaces that not only look appealing but also provide a positive experience.

Creating heartwarming interiors begins with understanding your specific needs. From the initial specifications to the final execution, our methodology is comprehensive, precise, and customized for you.

With a team of over 100 professionals in architecture, project management, building technology, workplace consultancy, and interior design, we've dedicated 14 years to mastering the art of transforming spaces.

Our expertise spans a wide range of settings including offices, medical facilities, hotels, sports centers, residences, showrooms, and bank branches. By embracing diversity, we deliver commercial interiors that inspire.



CAPEXUS Contacts

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What is the challenge?

The challenge is called "Wasteless office" and we believe there are plenty of ways how to make a wasteless office come true.

Interested student teams are asked to engage in the above area by

How to use materials that we are already finished using? How to ensure that people working in the office communicate with each other so that they don't waste anything unnecessarily?

- Plasterboard – Much of this material is just thrown away after the reconstruction. How to re-use it?
- Plumbing – same story as plasterboard. And this is steel we are talking about, what can it be manufactured into?
- Communication – How to enhance connections in the work area to ensure sustainable future?
- Recycling – What more can we do in the building stage, to make office less harmful to the environment since the day one?

Expectations and relevant considerations for the challenge / theme

These footholds are supposed to be of advice to you. We are not insisting that you use all of them, every solution that fits the challenge we provided, is a welcomed one. There are, however, some requirements we would like you to meet.

- Your solution must be more environmentally friendly than technologies that are typically used today.
- Your solution must make sense economically.

