

JUNOO

CEU: CIRCULARITY IN THE OFFICE

2024

Provider Number: 100009524

Course Number: 1JUUNOO

Course Name: Circularity in the office

Delivery Type: Live

Credits: 1 LU|HSW

COURSE DETAILS

Anno 2023, increasing regulations from both local and federal governmental institutions force the construction sector to re-invent itself and pivot to a new way of engineering, designing, and building. Architects and designers can play an important role in this; they are a key decision-maker in which materials/resources will be used in a certain project.

Today, a general business decision is not anymore assessed solely on the functional and financial character but also on the sustainable character - is my decision a sustainable one? For architects and designers, this means in practice that the choice of used materials not only is determined by the technical specifications (e.g. acoustic performance of a partition) and cost (e.g. max. cost of \$200/running ft.) but also on how sustainable a material is (e.g. LEED points, EDP's, ...).

This course will give insights on:

- (1) what circularity means for the construction sector
- (2) how circularity of building materials is measured and assessed
- (3) how architects & designers can make responsible choices without compromising on quality and cost
- (4) what the effect of "choosing circular" is on the construction sector

Learning Objective 1: Understand why the construction sector is one of the most urgent sector to start DE-carbonizing and the promising impact of circular building materials

Learning Objective 2: Learn what circularity means within the construction sector

Learning Objective 3: Learn how the sustainable and circular character of a specific material is measured and assessed

Learning Objective 4: Understand how architects & designers can make the right choices with respect to building materials

