Continuing Education Course Booming Bamboo

Booming Bamboo: The (Re)discovery of a Sustainable Material with Endless Possibilities

Based on Dr. Pablo van de Lugt book, MOSO® Canada offers this continuing education (CEU) course about engineered bamboo as a realistic sustainable solution for architects, landscape architects, and designers for their continued professional development, obtaining a credit for AIA, AIBC, and LACES.

American Institute of Architects (AIA)

AIA Approved Continuing Education

Course Number/ID: 8401
Approval ID: 8401
AIA/CES Learning units: 1
AIA approved course. This course qualifies for 1.0 LU/HSW hour.

Health, Safety, and Welfare (HSW)

HSW Health, Safety, and Welfare

Course Number/ID: 8401
Approval ID: 8401
Hours: 1
This course qualifies for HSW.

Landscape Architecture Continuing Education System™ (LA CES)

LA CES

Course Number/ID: 8401
Approval ID: 8401
PDH: 1
LACES registered course. 1 Contact Hour
This course qualifies for HSW. AEC Daily reports Professional Development Hours on members' behalf.

Architectural Institute of British Columbia (AIBC)

AIBC ARCHITECTURAL INSTITUTE OF BRITISH COLUMBIA

Course Number/ID: 8401
Approval ID: 8401
Learning units: 1
AIBC members may self-report this learning activity for consideration of AIBC learning units.

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Sustainability and Marketing at MOSO Bamboo Canada

AIA Continuing Education Provider — EDUCATION PARTNER

This Online Learning Seminar is available through a professional courtesy provided by:

MOSO® Bamboo

Live course presentation can be arranged at: design@moso-bamboo.ca

Introduction

Architects play a crucial role in designing residential and commercial structures, as well as community spaces and transportation infrastructures. They are at the forefront of incorporating sustainable practices and renewable materials into their designs, contributing to the circular economy and the overall well-being of people and the planet. One such innovative approach is the utilization of bio-based materials like bamboo, which helps address the growing demand for resources and reduces reliance on fossil-based and nonrenewable building materials.

Purpose

By the end of this course, we aim to inspire architects to consider bamboo as a valuable and sustainable building material. Raising the awareness about bamboo's ecological impact, its potential for carbon sequestration, and the immense solution possibilities.

Ultimately, architects hold the key to shaping a greener and more resilient built environment, ensuring a better future for generations to come.

Objectives:

⇒ Circular economy principle and how bio-based materials have the best ecological impact

⇒ Giant bamboo fast-growing resource, harvesting, and manufacturing processes of to create outstanding resilient materials

⇒ CO_2 emissions of each manufacturing steps during the manufacturing and additional footprint accounting

⇒ Carbon footprint of bamboo vs other commonly used building materials

⇒ Carbon sequestration by reforesting with bamboo and by using bamboo products that contribute ecosystem restoration

⇒ Bamboo awareness, global distribution challenges

⇒ Endless material applications