MOTIVATION TO START CBCI

CONSTRUCTION INDUSTRY IS A LARGE CONSUMER OF RESOURCES.

30-50% OF TOTAL MATERIALS USED IN EUROPE GOING TO CONSTRUCTION

BETWEEN 2003-2011 APPROXIMATELY 1200-1800 MEGATON OF CONSTRUCTION MATERIALS WERE USED EARLY IN THE EU, EMITTING ANNUALLY 33% OF TOTAL CO2 EMISSIONS.

MOST BUILDING PROJECTS ARE STILL DESIGNED IN A LINEAR WAY.

COLLECT & DISASSEMBLE

DECOMPOSITION

biobased economy

circular economy

PRODUCE & ASSEMBLE

LEAD PARTNER:
UNIVERSITY OF APPLIED SCIENCES

PROJECT PARTNERS:
KAMP C - UNIVERSITY OF BATH - EMERGIS
BELGIAN BUILDING RESEARCH INSTITUTE
AGRODOME - FLEMISCH CONSTRUCTION CONFEDERATION
KU LEUVEN - PROVINCE OF ZEELAND
HZ UNIVERSITY OF APPLIED SCIENCES

Reference: ARUP & BAM 2017

Reference: www.partnersforinnovation.com