

Building Technologies Accelerator

BTA Living Lab Network

Concept House Village
Rotterdam,
the Netherlands



HSB Living Lab
Chalmers University
of Technology, Sweden



The Green Village
Delft University of Technology,
the Netherlands



House of Natural Resources
ETH Zurich, Switzerland



CIES
Valencia Institute
of Building, Spain



BTA Objectives

Building Technologies Accelerator (BTA) is a Climate-KIC flagship programme within the strategic focus of urban transition. By generating systemic change, creating impact

throughout the construction value chain and overcoming market barriers, BTA aims to accelerate the implementation of low carbon technologies with significant CO₂ reduction.



Source Image: Tengbom Arkitektur



Climate-KIC is Europe's largest public-private innovation partnership focused on climate change, consisting of dynamic companies, the best academic institutions and the public sector.

BTA Focus

- Identifying areas with the highest climate impact and the largest market need as the budget allocation basis to invest and to accelerate technology dissemination
- Technology scouting and establishing a European database of convincing low carbon technologies
- Widespread Demand Side Network for market entry and upscaling through buyer-led competitions
- Lighthouse projects with high replication potential
- Measureable track record of CO₂ reduced construction projects
- Impact on university education and policies
- Engaging stakeholders of building, property & facility management to create market oriented solutions

BTA Budget: €35 million from 2014–2018

Living Labs and Real World Test Settings

BTA has a strong international Living Lab network with a unique value offer, consisting of commercial and residential buildings. These Labs are equipped for co-creation and prototyping, qualified testing with user involvement and business planning. Bridging the gap between academia and industry, they prove the performance of innovations and minimize market risks.



Your contact at BTA

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BTA Network

BTA is an open ecosystem, connecting:

- Innovation enablers
- Innovation suppliers
- Innovation implementers
- Innovation demand
- Financial investors

BTA is constantly growing and welcomes new members in each of these categories.

Building Technologies Accelerator (BTA) develops sustainable building technologies around:

- Low-Carbon Materials & Circular Economy
- Scalable Refurbishment Solutions
- User Oriented Energy Management

Interested to test your sustainable building technology in one of the BTA Living Labs or to meet our extensive buyer network?

Find out more on bta.climate-kic.org