ENERGY EFFICIENCY IN BUILDINGS AND BUILDING-INTEGRATED PHOTOVOLTAICS

INTRODUCTION

DR JUDIT KIMPIAN

DIRECTOR, SUSTAINABLE ARCHITECTURE AND RESEARCH

AHR

ON BEHALF OF

RIBA

CONTEXT

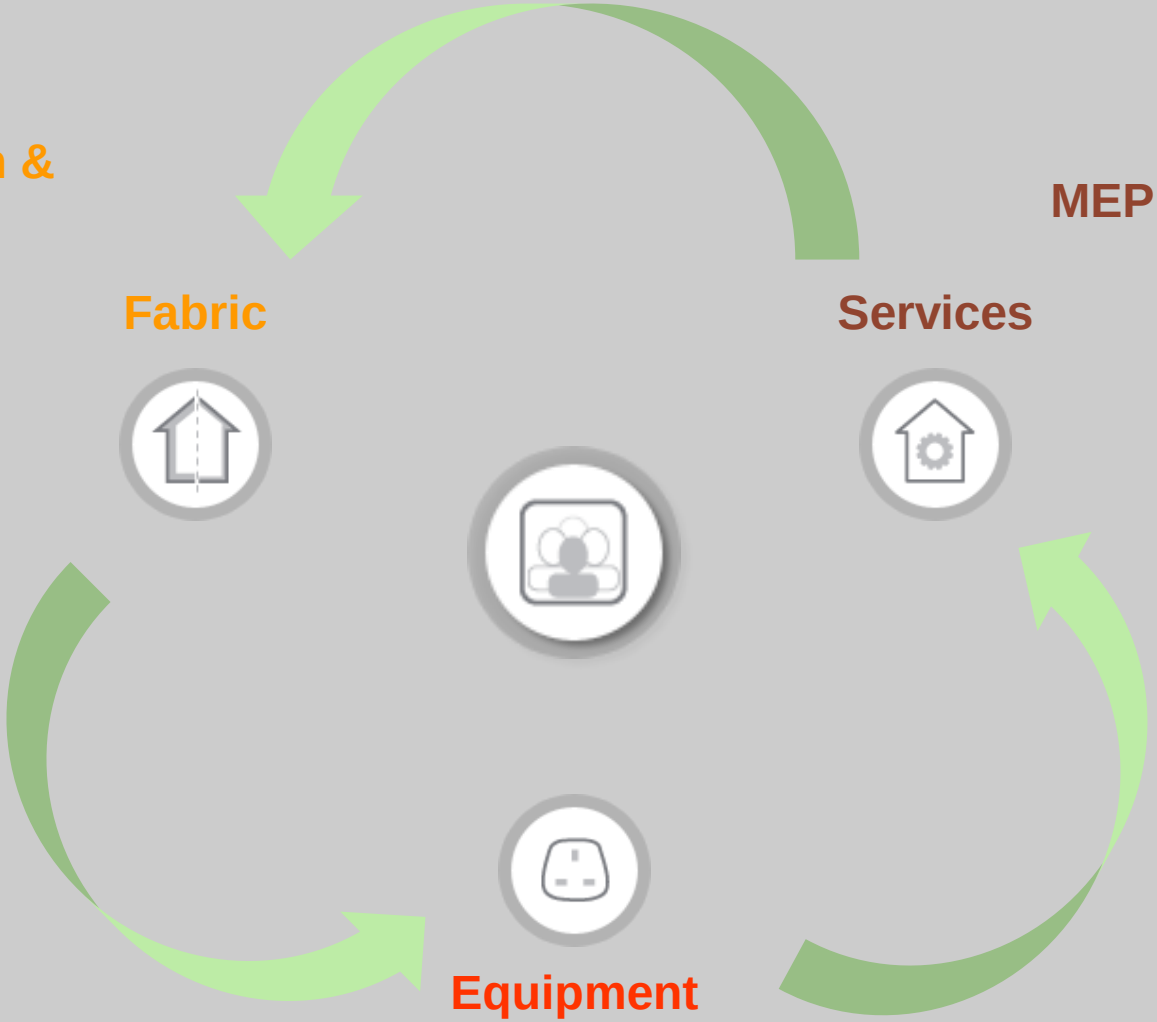
NEARLY ZERO ENERGY BUILDINGS

EPBD CONSULTATION

EU RESOURCE EFFICIENCY INDICATORS STUDY

ROLE OF THE ARCHITECT

DESIGN OUT DEMAND, DESIGN IN SUPPLY – OCCUPIER FOCUS

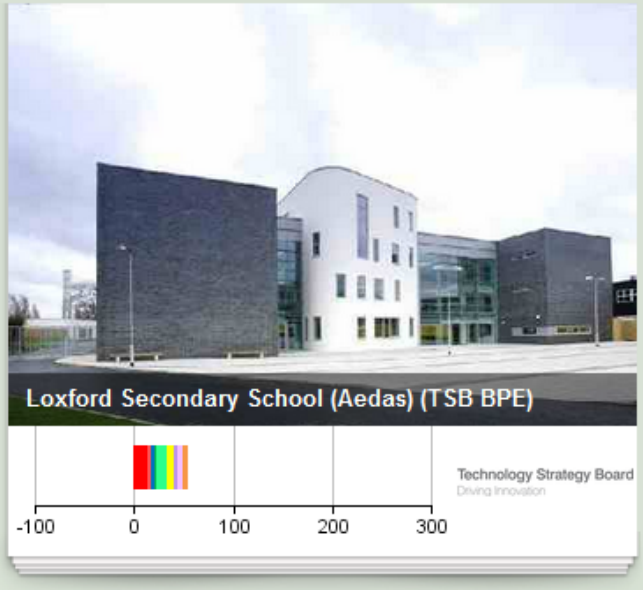


CarbonBuzz an RIBA CIBSE platform

Collaborative
Anonymous
Real

Sign up or Login

Home | Performance gap | Evidence | What you can do | Case studies | Partners



Get REAL about building energy consumption

Our figures show that on average, buildings consume between 1.5 and 2.5 times predicted values

CarbonBuzz will help you close the gap between calculations and actual building performance

Get Started › or Find out more

Upload

Download template to gather data

Share

Add users to your account

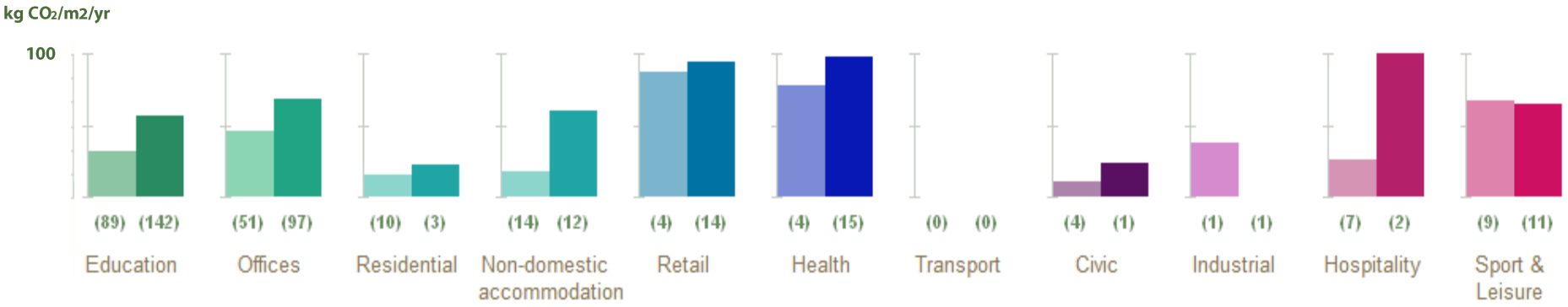
Compare

Compare your design estimate against

RIBA | CIBSE | AHR | UCL | XCO2 ENERGY | AECOM | FeildenCleggBradleyStudios | Technology Strategy Board Driving Innovation | bre

ENERGY PERFORMANCE GAP

MEASURED FROM CROWD-SOURCED DATA



www.CarbonBuzz.org

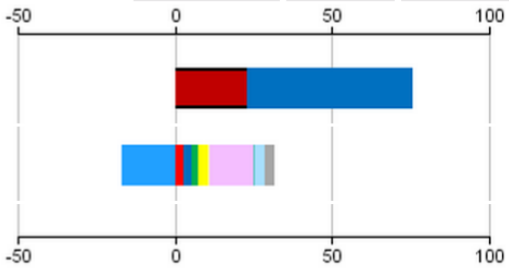
an RIBA CIBSE platform

07.08.2015

KEYNSHAM CIVIC CENTRE & ONE STOP SHOP – RIBA AWARD

CIBSE TM46 Benchmark

DESIGN STAGE ENERGY END USE BUDGETS

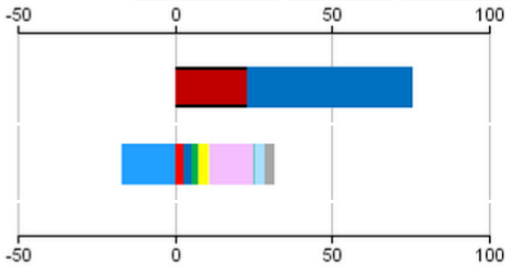


CarbonBuzz
an RIBA CIBSE platform

KEYNSHAM CIVIC CENTRE & ONE STOP SHOP – RIBA AWARD

CIBSE TM46 Benchmark

DESIGN STAGE ENERGY END USE BUDGETS



HOW DOES BIPV LOOK?

RIBA

HOW MUCH DOES BIPV CONTRIBUTE?

HOW MUCH DOES BIPV EMIT?

HOW MUCH DOES BIPV COST?

HOW MUCH DOES BIPV COST TO MAINTAIN?

AHR