JAKOB NORMAN-HANSEN

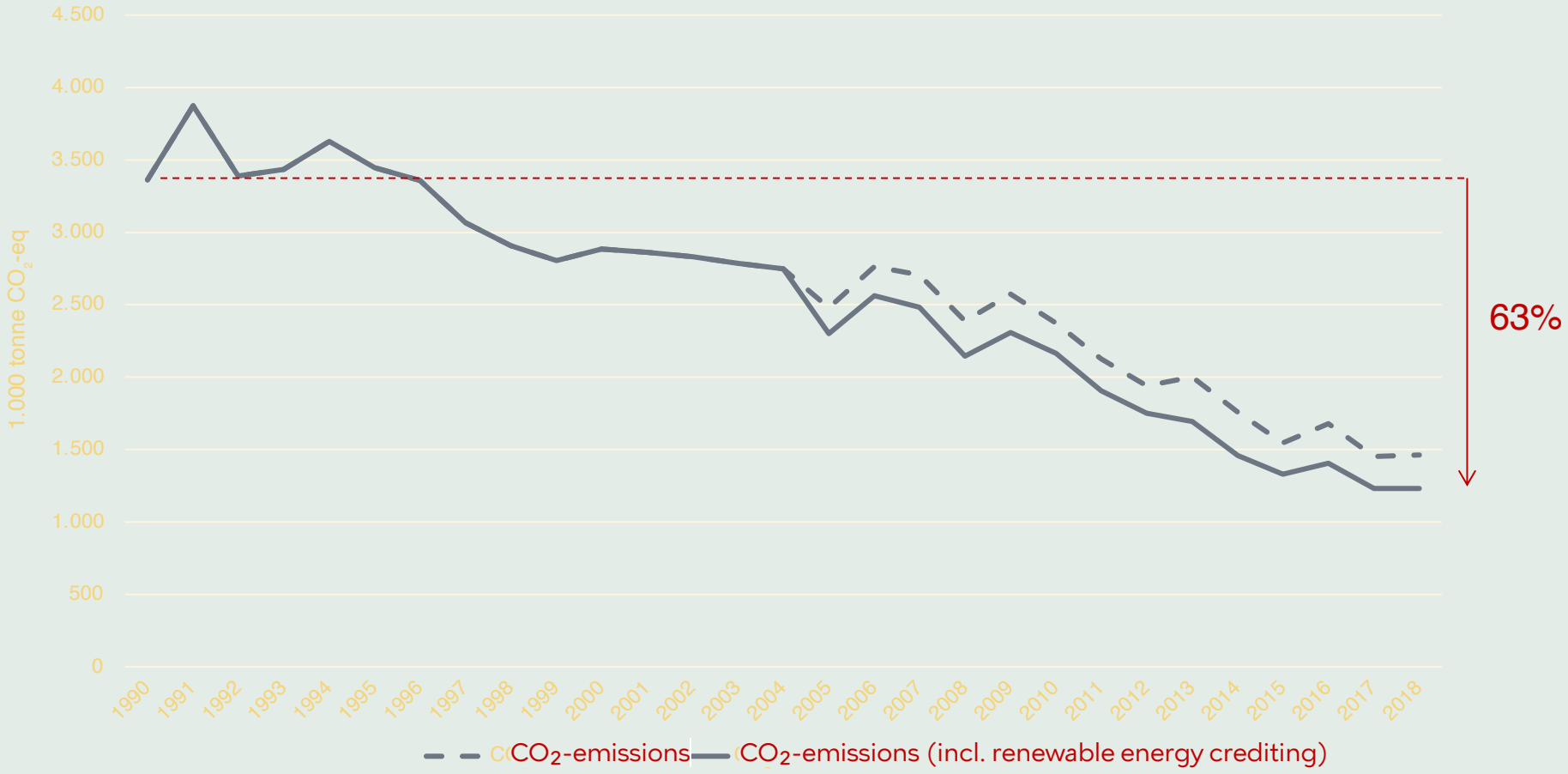
HEAD OF GLOBAL NETWORKS (JNH@BLOXHUB.ORG)

THE CHALLENGE

BRIDGING URBAN CHALLENGES OF TODAY WITH SOLUTIONS OF TOMORROW

CLIMATE ADAPTATION

CO_2-EMISSIONS IN COPENHAGEN (1990-2018)



29% more residents in the same period

Growing GDP/capita since 1990

2.3% annual reduction

NEXT LEVEL Climate Action

Reducing final direct emissions

Our future energy system

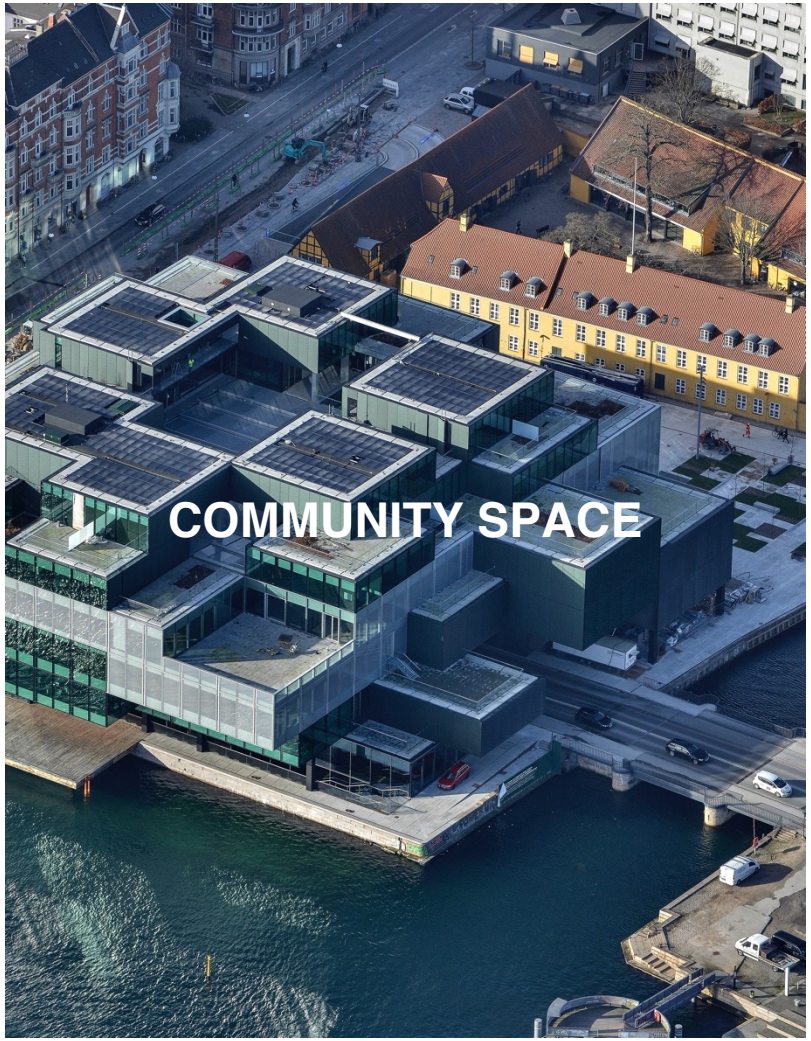
Future mobility solutions

Circular resource use

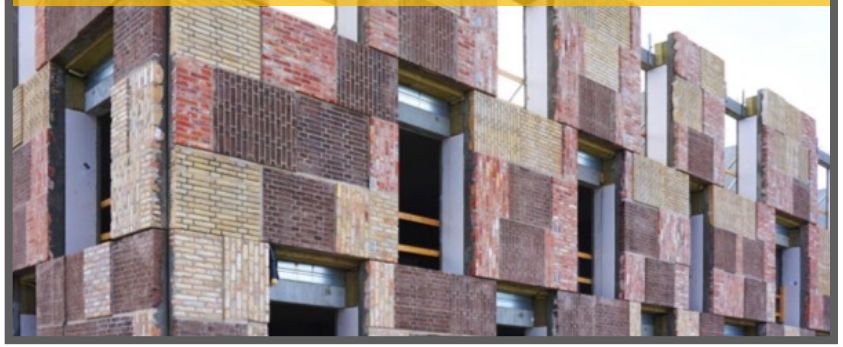
Consumption based emissions

Digitalization and technology

BUILDING AN ECOSYSTEM



CIRCULAR SOCIETIES



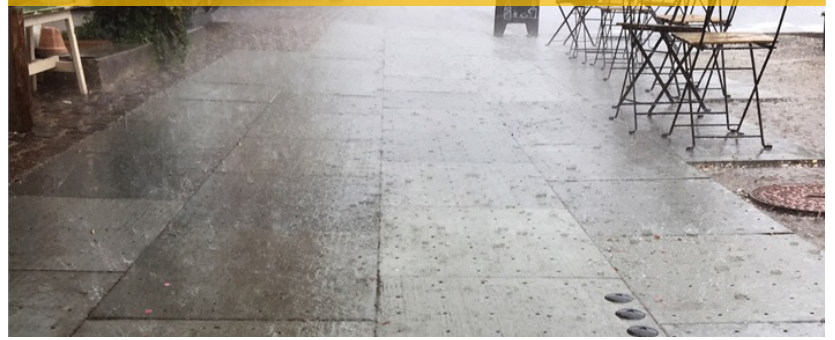
URBAN MOBILITY

LIVABILITY & HEALTH

SUSTAINABLE BUILDINGS

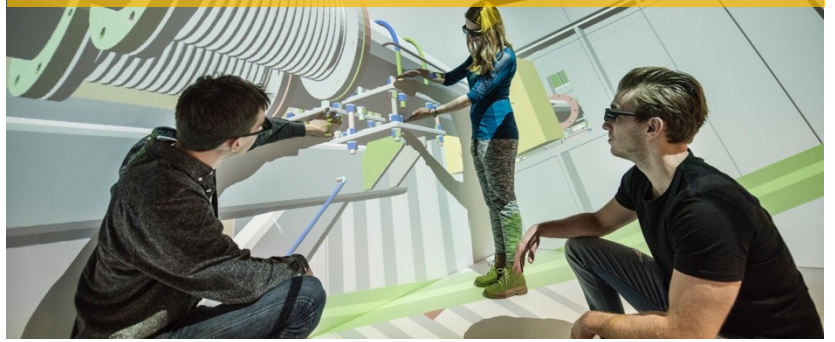
PLAYING FIELD

RESILIENCE



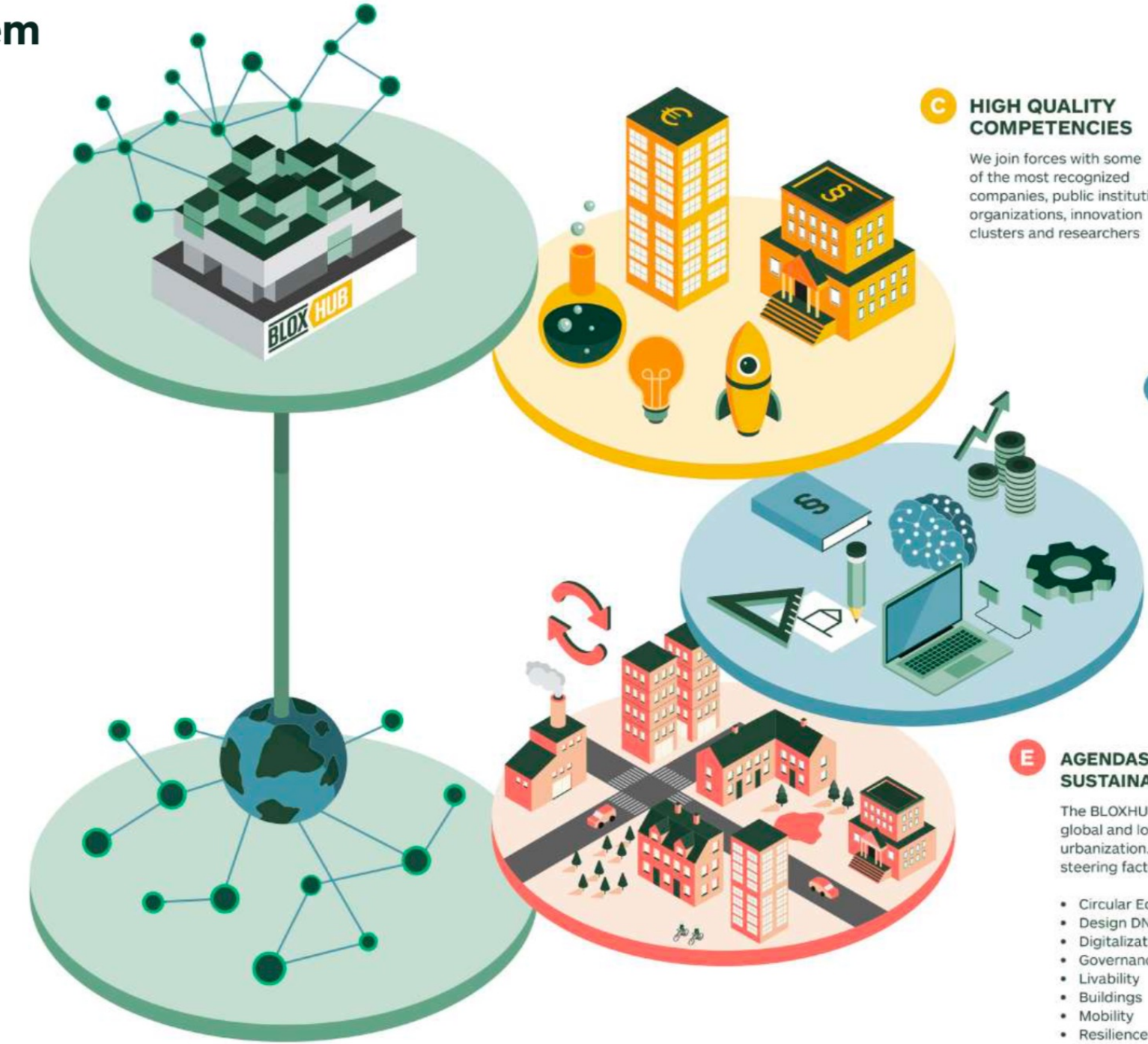
DESIGN PROCESS

DIGITALISATION



GOVERNANCE

BLOXHUB ecosystem



A BLOXHUB COMMUNITY

Co-creation, knowledge sharing and playfulness are the shared values among our member base of approx. 350 companies, science institutions, organizations and public bodies – all working with architecture, design, engineering, construction, facility management, tech or other fields related to sustainable urbanization.

We live in a 9.000 m2 co-working space in two neighbor buildings in the heart of Copenhagen with approx. 800 people. Between research and practice and between start-ups and corporates. We break down the silos to create better cities together.

LOCAL PARTNERS

Some of our local partners:

- Danish Architecture Centre
- Danish Design Centre
- Danish authorities
- Copenhagen Municipality

B GLOBAL NETWORK

We work with partners throughout Europe, North America and Asia and operate on a local and global scale.

Some of our global partners:

- C40, ULI, H22
- Nordic Smart City Network
- HammerBrooklyn, Hamborg
- Evergreen Canada
- Munich Urban Colab
- Danish Innovation Centres Abroad

C HIGH QUALITY COMPETENCIES

We join forces with some of the most recognized companies, public institutions, organizations, innovation clusters and researchers

D SECTORS

- Administration
- Architecture
- Construction
- Consulting
- Data/software
- Design
- Engineering
- Investment
- Legal
- Manufacturing
- Network
- Public institution
- Research
- Tech/hardware
- Urban development

E AGENDAS WITHIN SUSTAINABLE URBANIZATION

The BLOXHUB community has defined eight global and local agendas within sustainable urbanization. They serve as a beacon and a steering factor for our programs and activities.

- Circular Economy
- Design DNA
- Digitalization
- Governance
- Livability
- Buildings
- Mobility
- Resilience

INNOVATION & PARTNERSHIPS

BLOX HUB

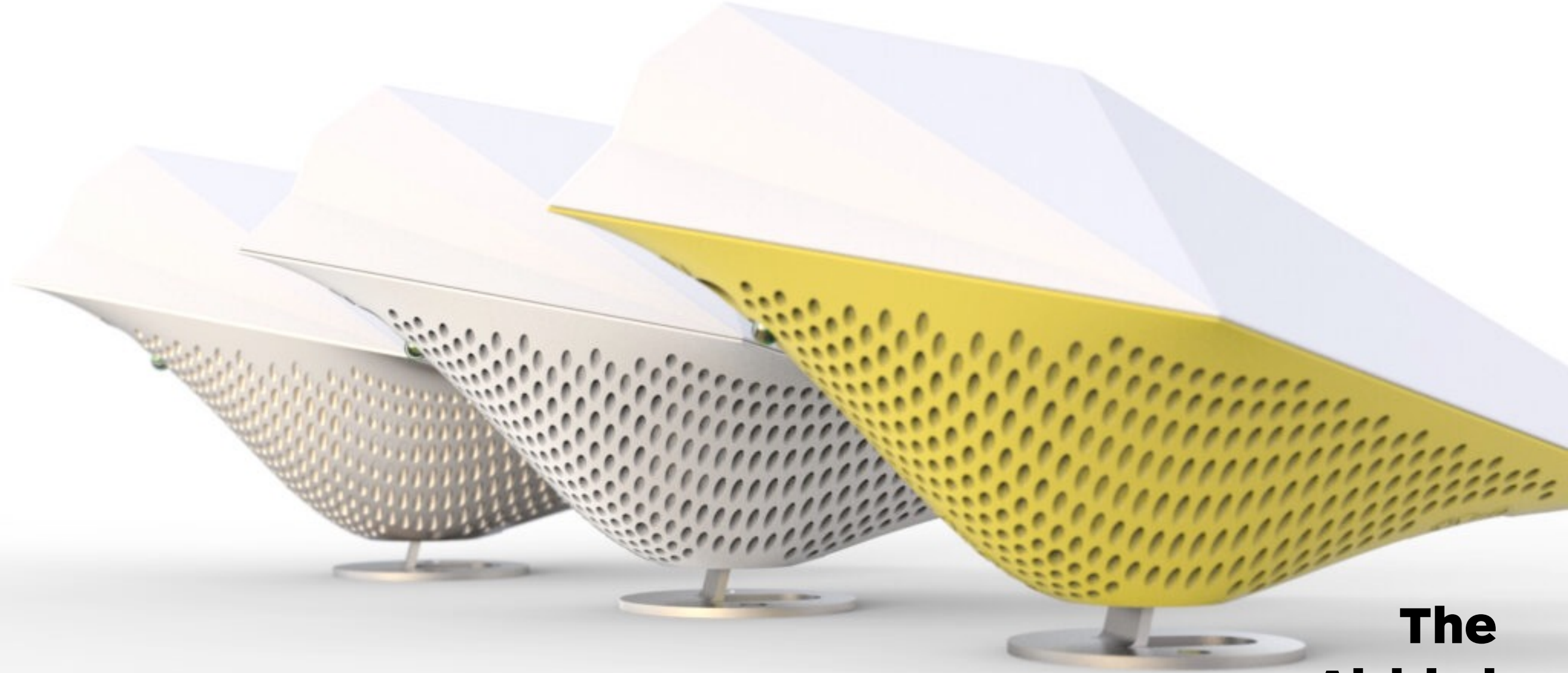
LEVERAGING TECHNOLOGY

urban tech

TECH MATCH

proptech DENMARK

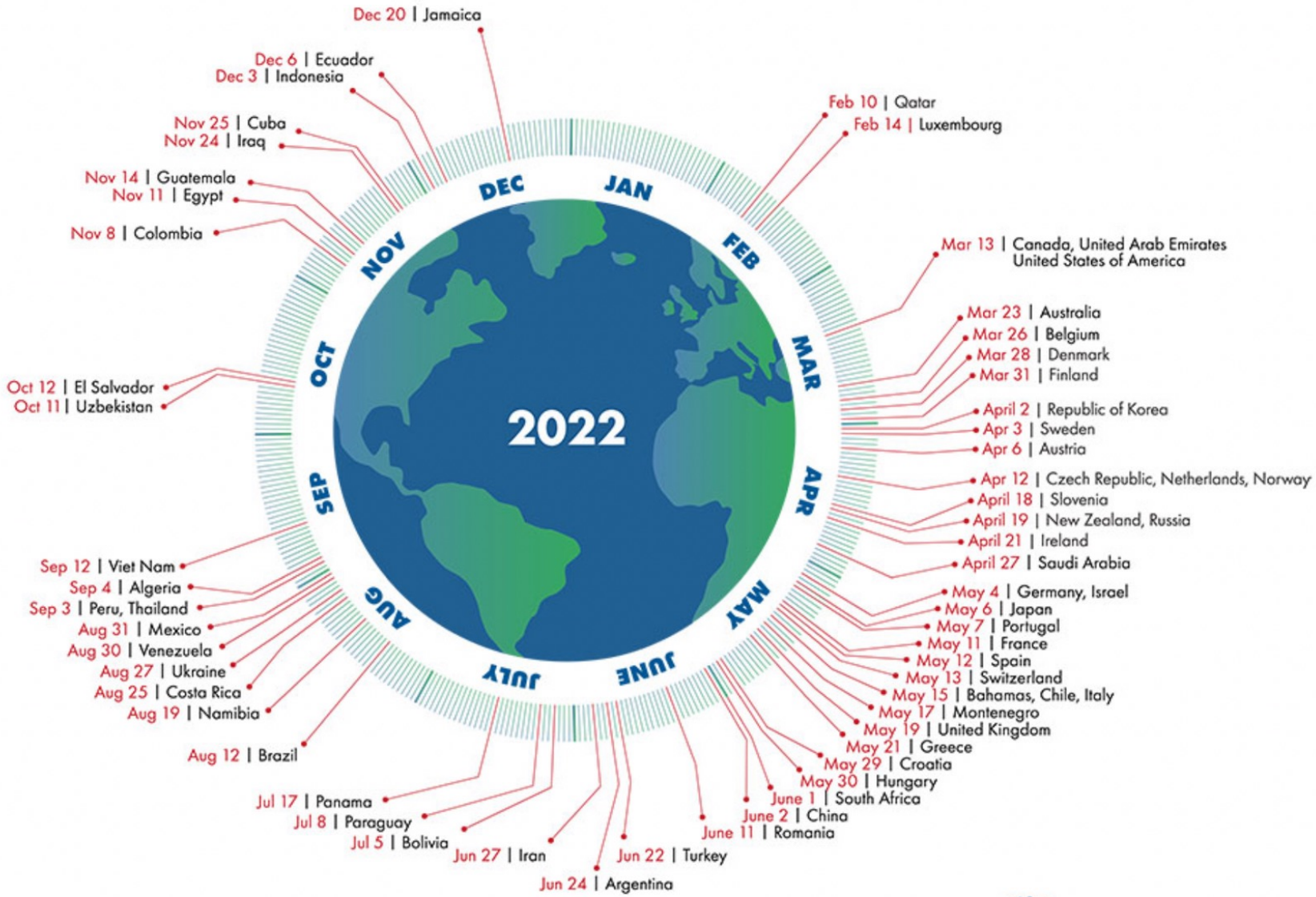
CON TECH LAB



The Airbird

Country Overshoot Days 2022

When would Earth Overshoot Day land if the world's population lived like...



For a full list of countries, visit overshootday.org/country-overshoot-days

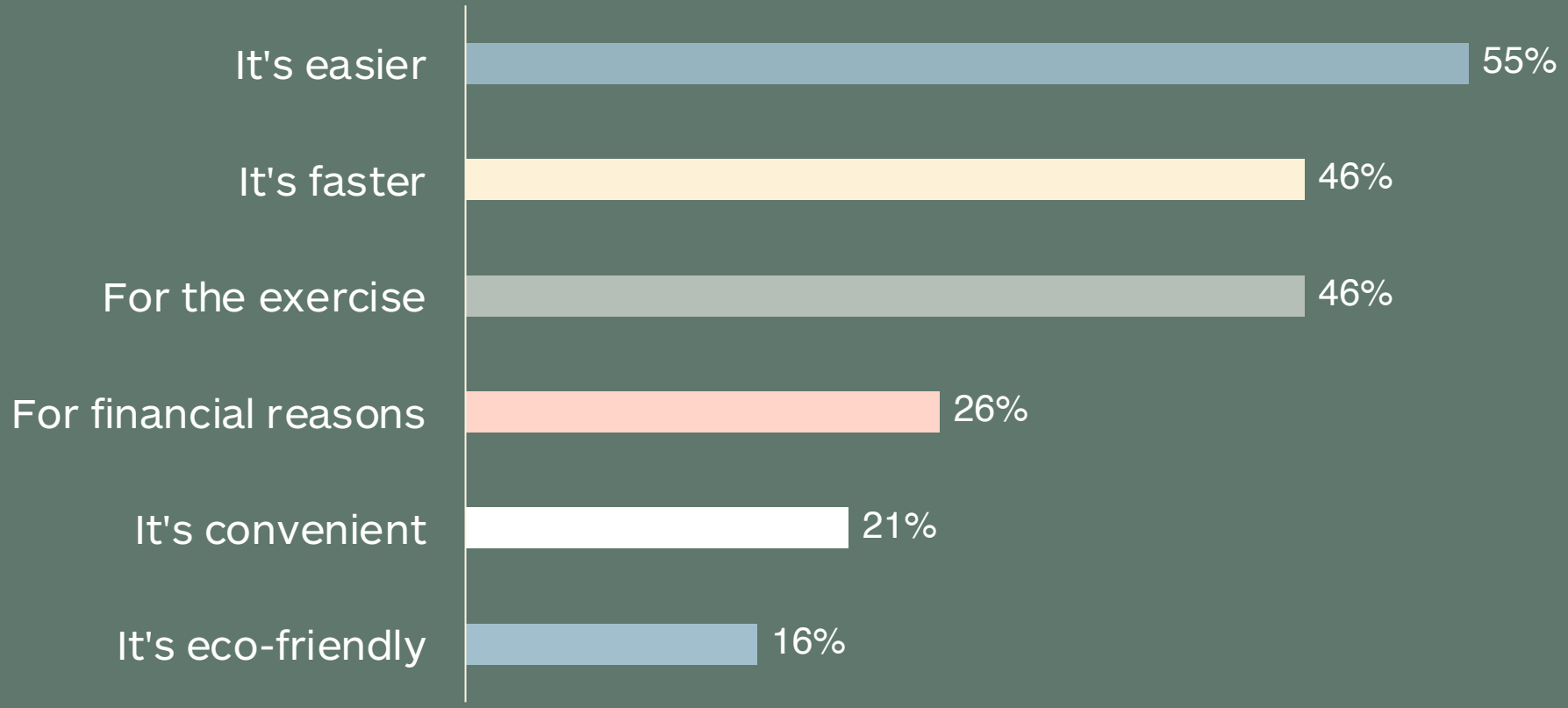
Source: National Footprint and Biocapacity Accounts, 2022 Edition
data.footprintnetwork.org

EARTH OVERSHOOT DAY

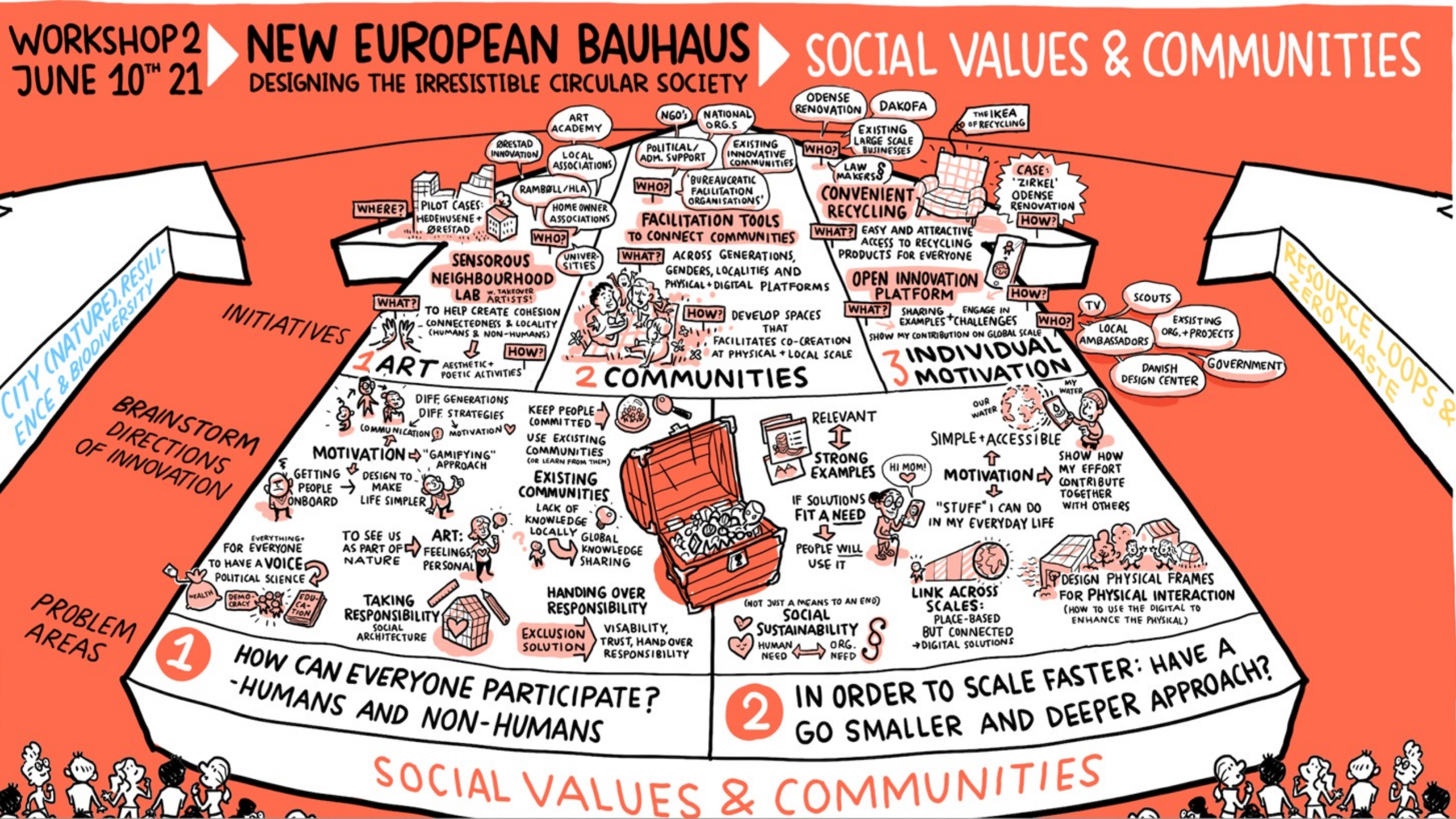
Global Footprint Network
Advancing the Science of Sustainability

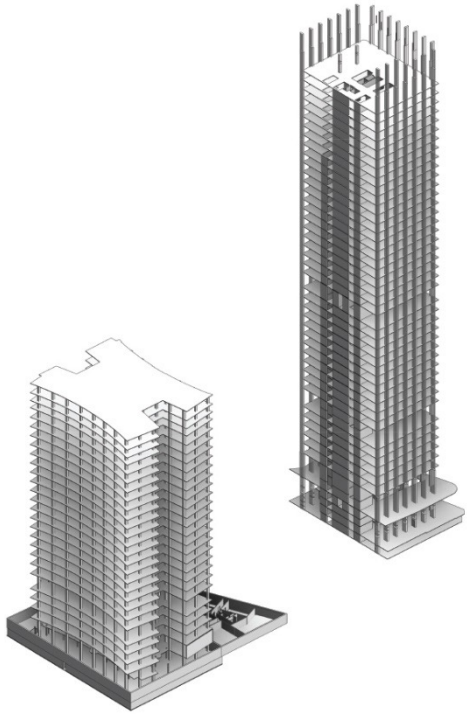
DESIGNING THE IRRESISTIBLE CIRCULAR SOCIETY
DESIGNING THE IRRESISTIBLE CIRCULAR SOCIETY

BLOX HUB

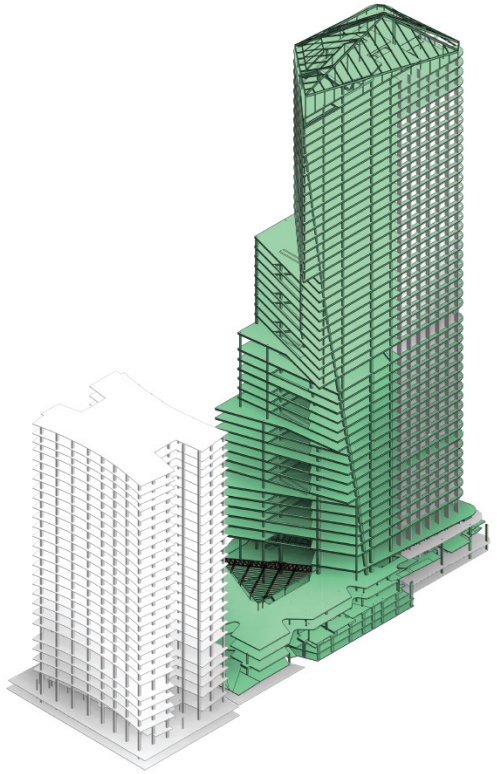


COPENHAGENERS´ REASONS FOR CYCLING


WORKSHOP 2
JUNE 10TH 21
NEW EUROPEAN BAUHAUS
DESIGNING THE IRRESISTIBLE CIRCULAR SOCIETY
SOCIAL VALUES & COMMUNITIES
CITY (NATURE), RESILIENCE & BIODIVERSITY
RESOURCE LOOPS & ZERO WASTE
INITIATIVES
BRAINSTORM DIRECTIONS OF INNOVATION
PROBLEM AREAS
WHERE?
PILOT CASES: HEDEHUSENE + ØRESTAD
ØRESTAD INNOVATION
ART ACADEMY
LOCAL ASSOCIATIONS
RAMBØLL/HLA
HOME OWNER ASSOCIATIONS
UNIVERSITIES
WHO?
WHAT?
SENSOROUS NEIGHBOURHOOD LAB w. TAKEOVER ARTISTS!
TO HELP CREATE COHESION CONNECTEDNESS & LOCALITY (HUMANS & NON-HUMANS)
HOW?
1 ART
AESTHETIC + POETIC ACTIVITIES
NGO'S
NATIONAL ORG.S
POLITICAL/ ADM. SUPPORT
EXISTING INNOVATIVE COMMUNITIES
WHO?
'BUREAUCRATIC FACILITATION ORGANISATIONS'
FACILITATION TOOLS TO CONNECT COMMUNITIES
WHAT? ACROSS GENERATIONS, GENDERS, LOCALITIES AND PHYSICAL + DIGITAL PLATFORMS
HOW? DEVELOP SPACES THAT FACILITATES CO-CREATION AT PHYSICAL + LOCAL SCALE
2 COMMUNITIES
ODENSE RENOVATION
DAKOFA
THE IKEA OF RECYCLING
EXISTING LARGE SCALE BUSINESSES
WHO?
LAW MAKERS §
CONVENIENT RECYCLING
WHAT? EASY AND ATTRACTIVE ACCESS TO RECYCLING PRODUCTS FOR EVERYONE
CASE: 'ZIRKEL' ODENSE RENOVATION
HOW?
OPEN INNOVATION PLATFORM
WHAT? SHARING EXAMPLES + ENGAGE IN CHALLENGES
SHOW MY CONTRIBUTION ON GLOBAL SCALE
HOW?
WHO?
TV
SCOUTS
LOCAL AMBASSADORS
EXSISTING ORG. + PROJECTS
DANISH DESIGN CENTER
GOVERNMENT
3 INDIVIDUAL MOTIVATION
DIFF. GENERATIONS
DIFF. STRATEGIES
COMMUNICATION
MOTIVATION
MOTIVATION "GAMIFYING" APPROACH
GETTING PEOPLE ONBOARD
DESIGN TO MAKE LIFE SIMPLER
KEEP PEOPLE COMMITTED
USE EXCISTING COMMUNITIES (OR LEARN FROM THEM)
EXISTING COMMUNITIES
LACK OF KNOWLEDGE LOCALLY
GLOBAL KNOWLEDGE SHARING
EVERYTHING+ FOR EVERYONE TO HAVE A VOICE
POLITICAL SCIENCE
HEALTH
DEMOCRACY
EDUCATION
TO SEE US AS PART OF NATURE
ART: FEELINGS, PERSONAL
TAKING RESPONSIBILITY
SOCIAL ARCHITECTURE
HANDING OVER RESPONSIBILITY
EXCLUSION SOLUTION
VISABILITY, TRUST, HAND OVER RESPONSIBILITY
RELEVANT
STRONG EXAMPLES
IF SOLUTIONS FIT A NEED
PEOPLE WILL USE IT
HI MOM!
OUR WATER
MY WATER
SIMPLE + ACCESSIBLE
MOTIVATION
"STUFF" I CAN DO IN MY EVERYDAY LIFE
SHOW HOW MY EFFORT CONTRIBUTE TOGETHER WITH OTHERS
(NOT JUST A MEANS TO AN END)
SOCIAL SUSTAINABILITY §
HUMAN NEED
ORG. NEED
LINK ACROSS SCALES: PLACE-BASED BUT CONNECTED → DIGITAL SOLUTIONS
DESIGN PHYSICAL FRAMES FOR PHYSICAL INTERACTION
(HOW TO USE THE DIGITAL TO ENHANCE THE PHYSICAL)
1 HOW CAN EVERYONE PARTICIPATE? -HUMANS AND NON-HUMANS
2 IN ORDER TO SCALE FASTER: HAVE A GO SMALLER AND DEEPER APPROACH?
SOCIAL VALUES & COMMUNITIES



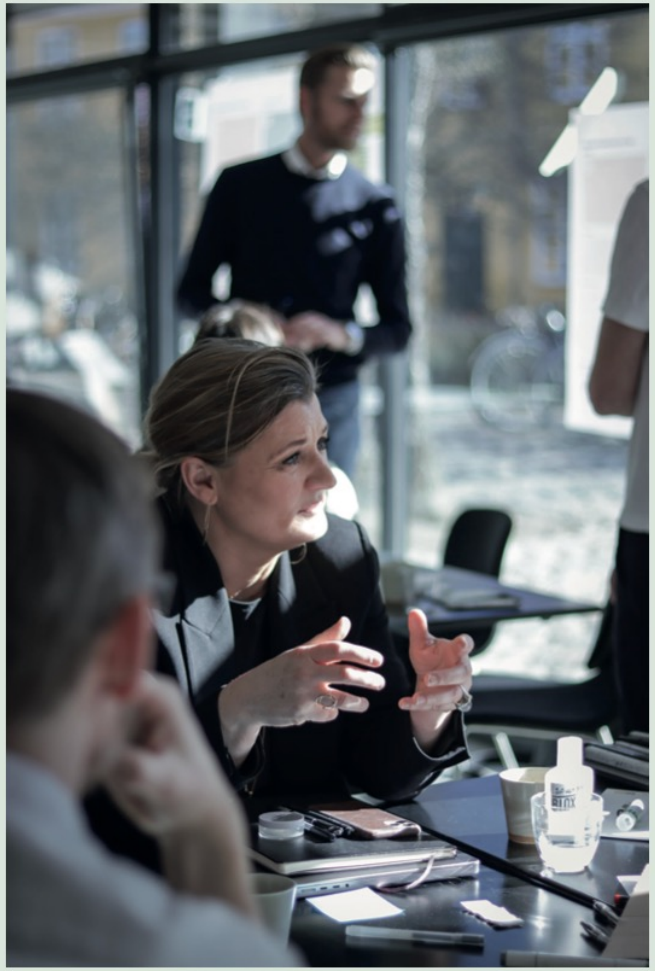
RETAINING 98%
STRUCTURAL WALLS

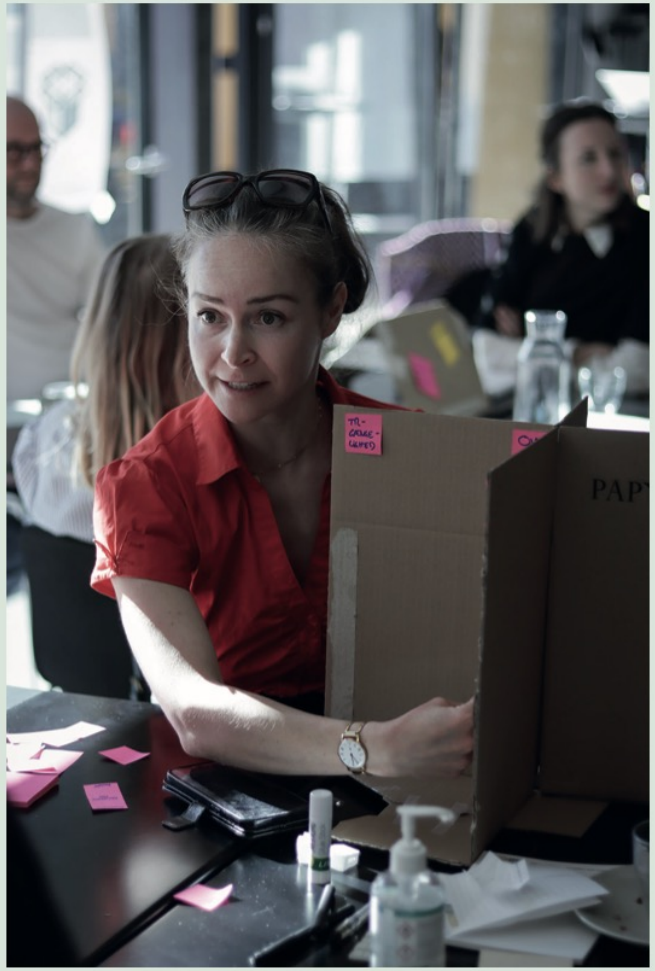


$130,000,000
MATERIAL + TIME SAVED

8
9
11
13
14
15
16
18
21

FROM PILOT TO MAINSTREAM





CONTACT US!

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Realdania