

Sustainability In the Built Environment

MDBC Connect Fair: Environmental Business

9 Dec 2021

Global Excellence Centers

Number of employees

2,849

2019: 2,678

- Romania
- India
- Philippines

Worldwide workforce
27,939

2019: 27,875



Countries with offices

30+

Countries where Arcadis has completed projects

70+



Arcadis in Perspective

Number of people in workforce:



Number of projects:



Arcadis Capabilities

We create and manage sustainable places where people can thrive.



- Architecture
- Asset Management
- Business Advisory
- Cost and Commercial Management
- Design and Engineering
- Digital Environmental Health Safety and Sustainability
- Environmental Restoration
- Program Management

Infrastructure (24% net revenues)



Water (12% net revenues)

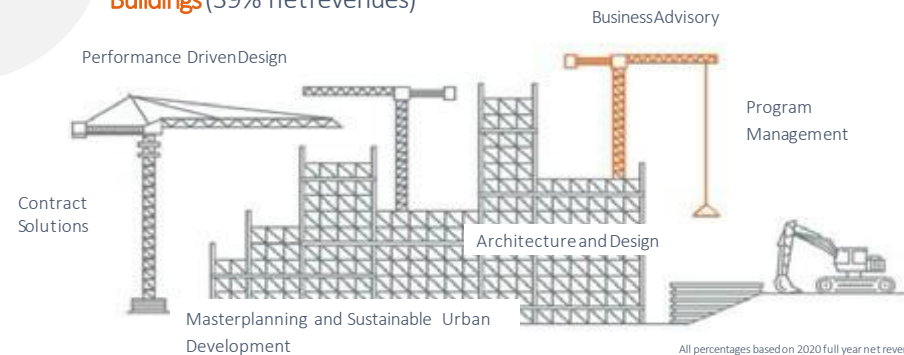


Local expertise
Global reach

Environment (25% net revenues)



Buildings (39% net revenues)



All percentages based on 2020 full year net revenues

Arcadis Malaysia **At A Glance**



Over 260
professionals
in Malaysia



Leaders
in Quantity
Surveying services



4 offices
across the
country



A 70 year history
delivering exceptional
client outcomes

OUR SERVICES



SERVICES

- ✓ Cost Management
- ✓ Program and Project Management

Office

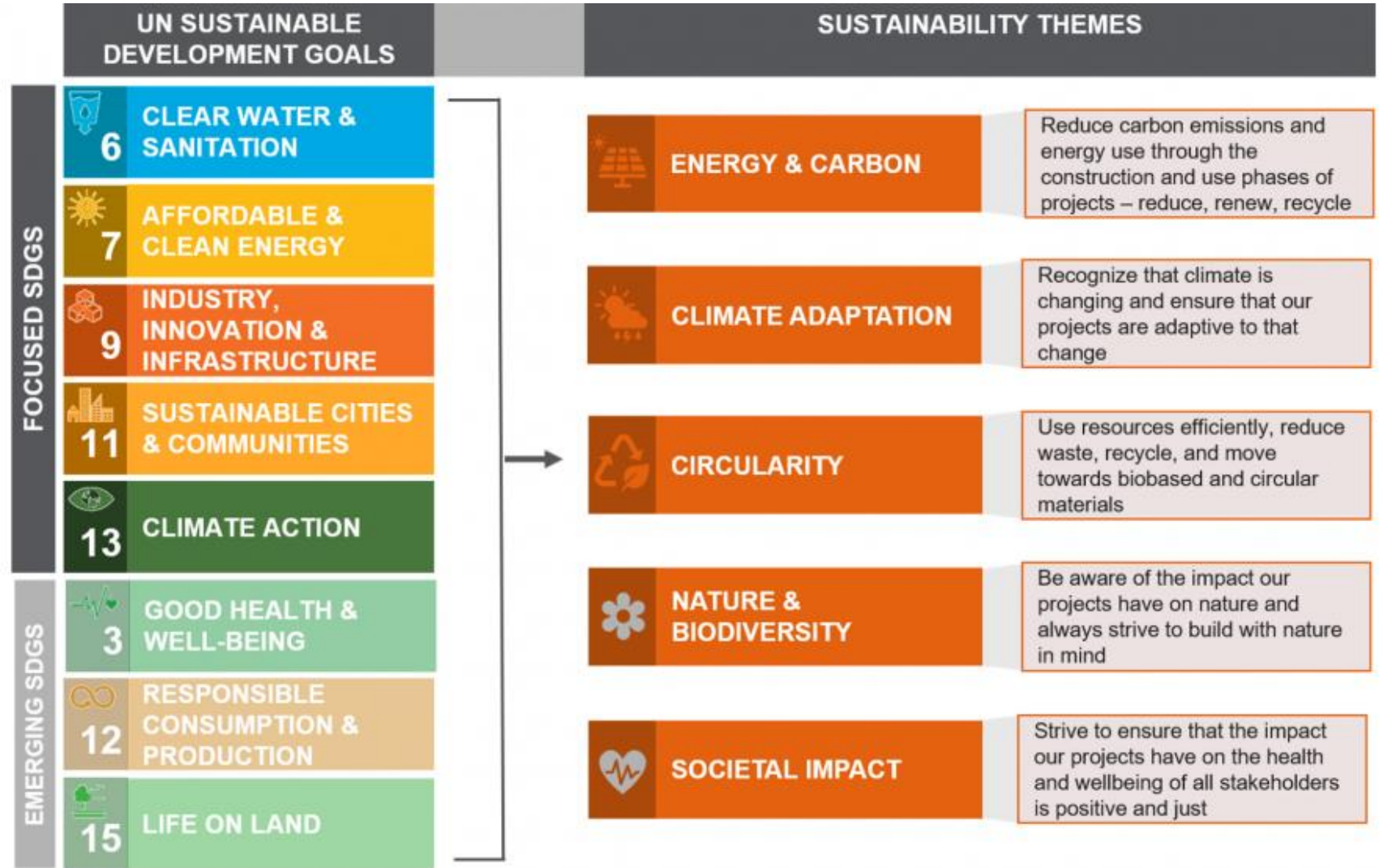
- ✓ Kuala Lumpur
- ✓ Penang
- ✓ Johor Bahru
- ✓ Kota Kinabalu

Affiliation

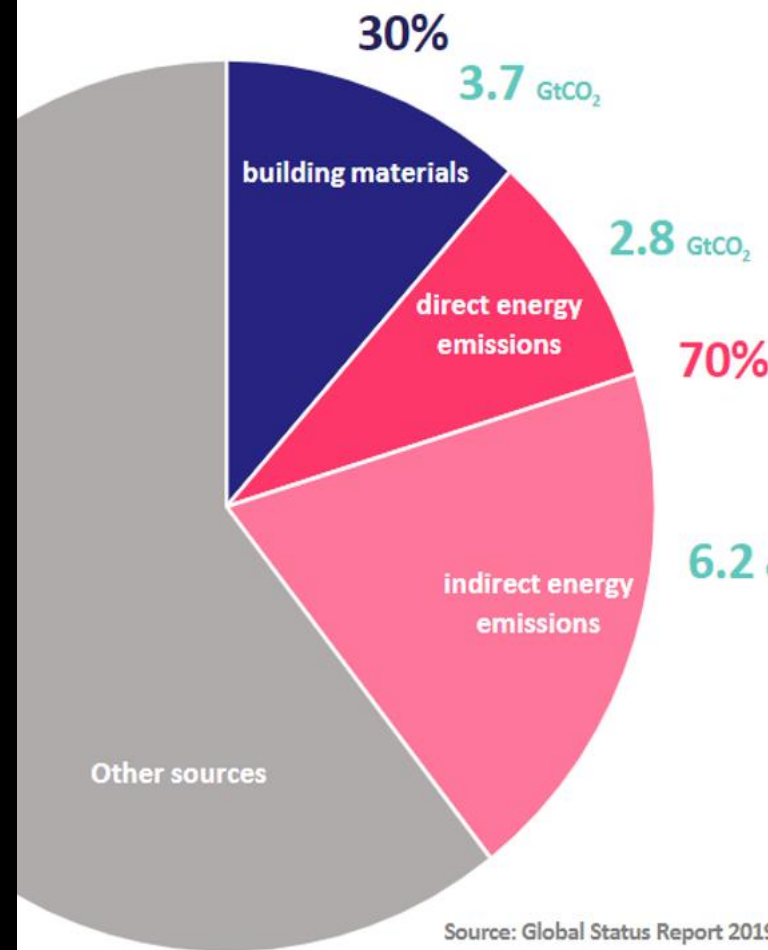
- ✓ Local
 - JUBM Sdn Bhd
 - Arcadis (Malaysia) Sdn Bhd
 - Arcadis Projek Sdn Bhd
- ✓ Global Arcadis NV
 - 350 Offices in 40 countries, Worldwide

Our ambition

“Accelerate the transition to a **Net Zero world** in a way that **improves quality of life for all**”



Advancing Net Zero in the Built Environment



The building sector represents approx. 40% global energy-related GHG emissions



Decarbonizing our sector is one of the most cost-effective ways to mitigate the effects of climate breakdown.

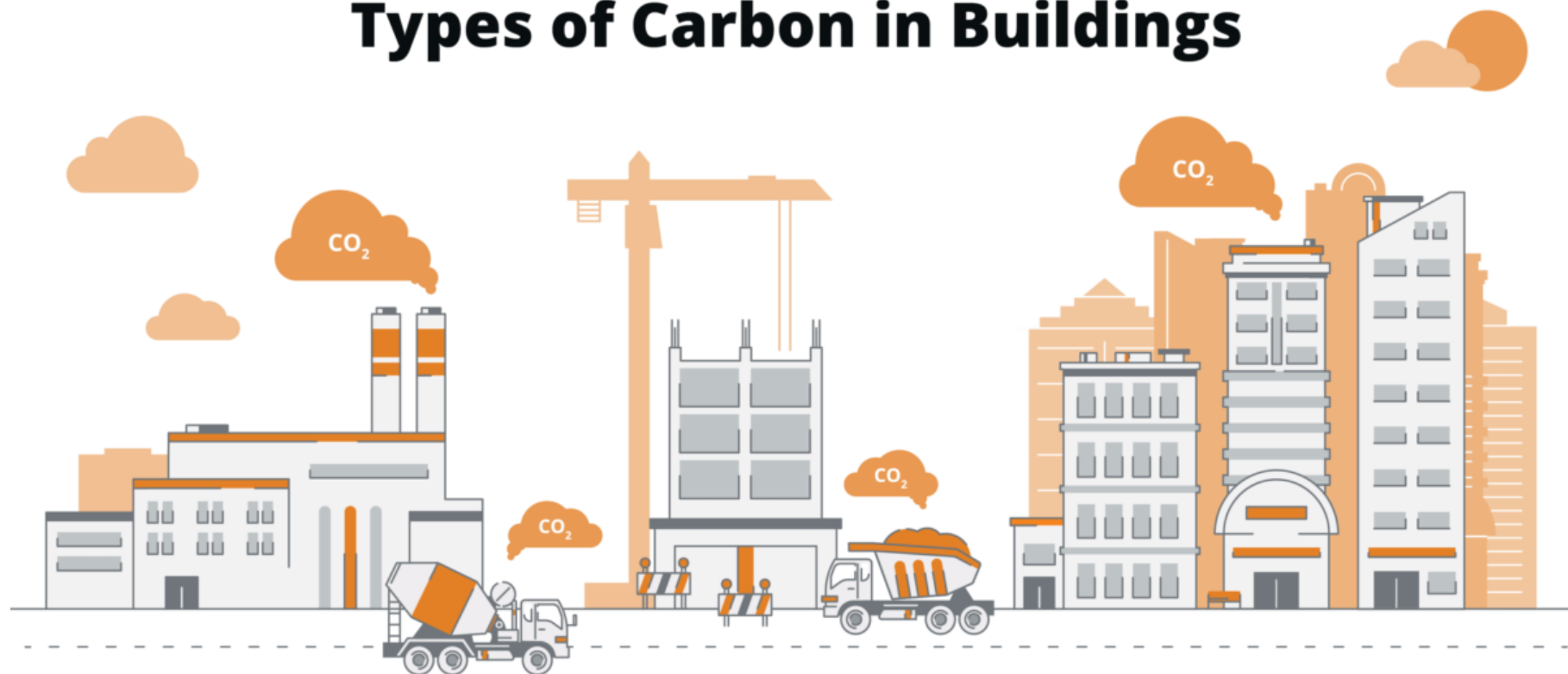
Every 5 days
a surface of the size of Paris is built

Source: Global Status Report 2019, Global Alliance for Building and Construction



Advancing Net Zero
in the Built
Environment

Types of Carbon in Buildings



Embodied Carbon

The emissions from manufacturing, transportation, and installation of building materials.



Whole Life Carbon Assessment
Client: Real Estate Developer

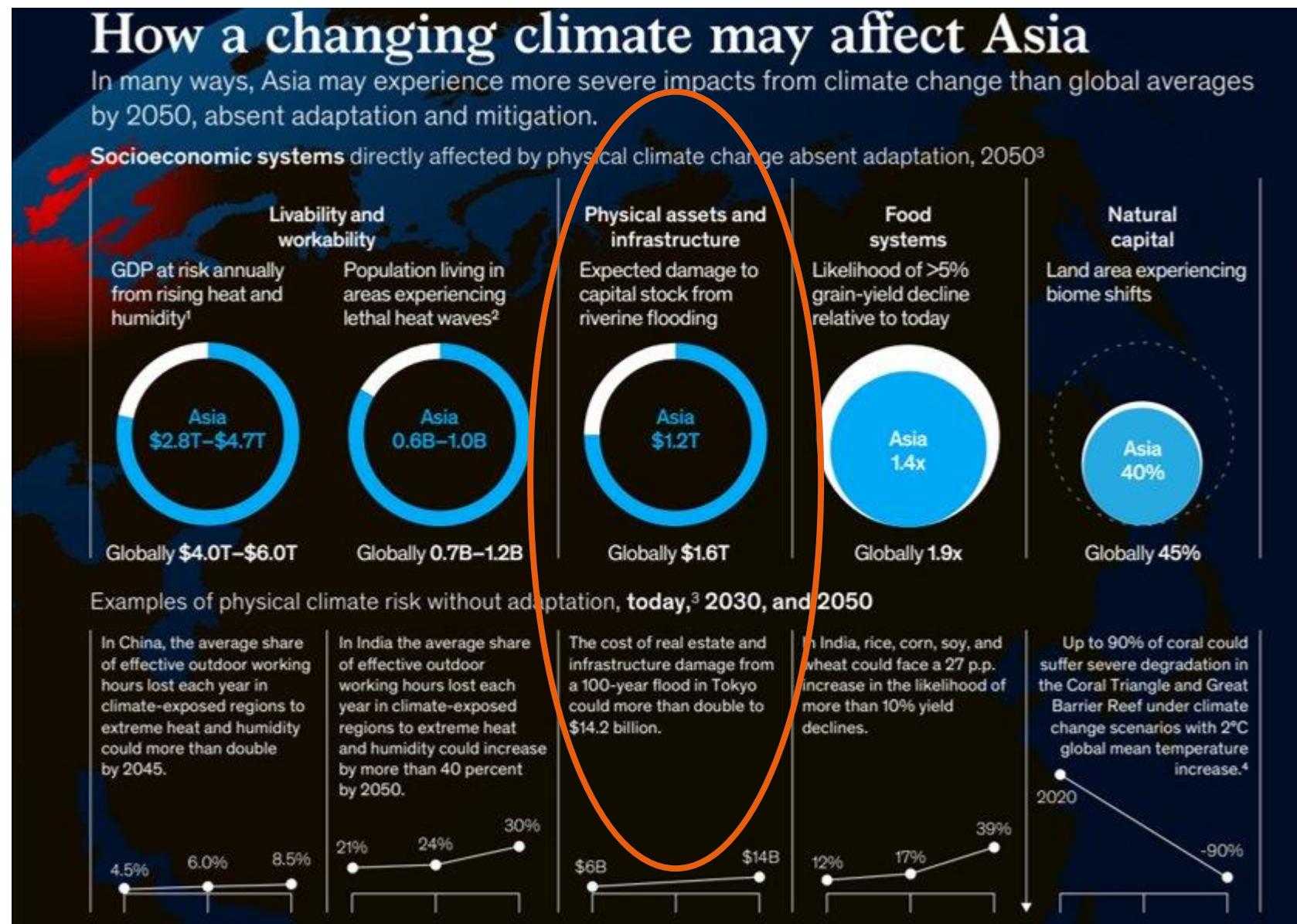
Operational Carbon

The emissions from a building's energy consumption.



Net Zero Assessment as part of acquisition due diligence
Client: Asset Manager

Increasing resilience to Climate Change impacts



Source: McKinsey 2020. Climate Risk and Response in Asia: Future of Asia



Increasing resilience
to Climate Change
impacts



Extreme Weather & Climate Change Impact Study for MTR Premises Client: MTR, Hong Kong

Conducted an impact study to determine the risk of weather consequences in MTR premises, which can potentially cause operational interruptions and train service delays. Proposed progressive adaptation and mitigation strategy for further investigation and implementation.



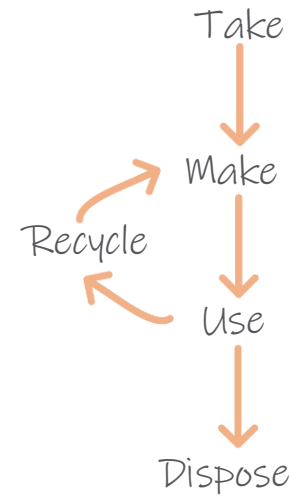


Closing the waste loop

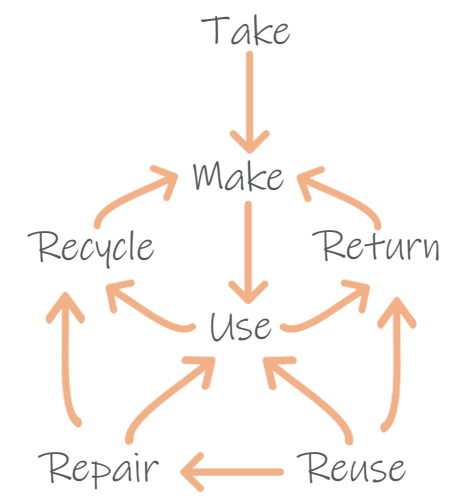
LINEAR ECONOMY



RECYCLING ECONOMY



CIRCULAR ECONOMY



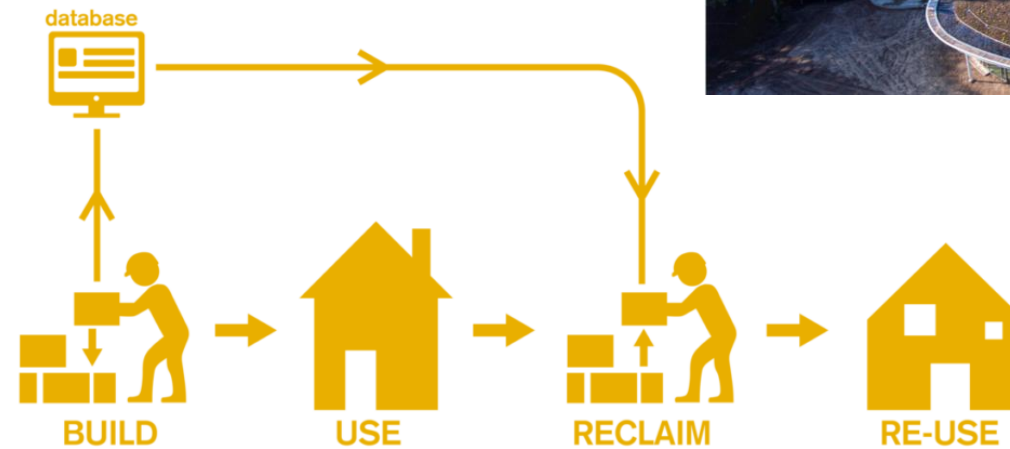


CIRCULARITY

Closing the
waste loop



100% Wood, Reconstructable Office Building Client: Triodos Bank, Netherlands

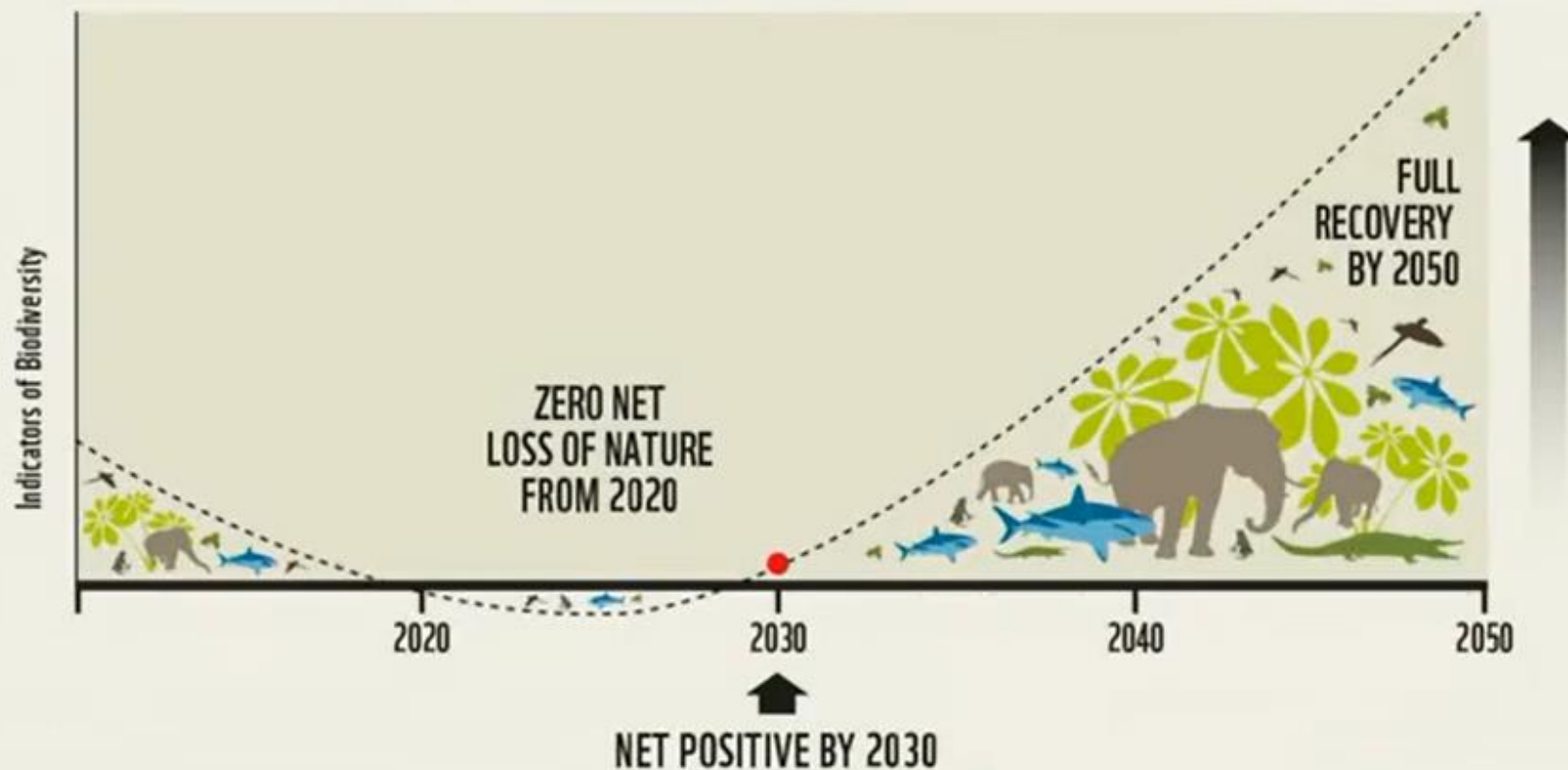


BUILDINGS AS MATERIAL BANKS



Towards Nature Positive

Global Goal for Nature: Nature Positive by 2030





NATURE &
BIODIVERSITY

Advancing Nature Positive



Aiming for no net loss to biodiversity
Client: NIKE Wings Distribution Centre, Netherlands



- No Net Loss advisory
- Building with nature
- Biodiversity Assessment



wbcasd

Roadmap to Nature Positive for the Built Environment