

LIFE CENTRIC PLACEMAKING

SOCIAL & ENVIRONMENTAL SUSTAINABILITY

PLP ARCHITECTURE 相浦みどり

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650

PROJECTS
UNDERTAKEN
GLOBALLY

37

COUNTRIES

AMSTERDAM

LONDON

MILAN

SINGAPORE

TOKYO

PLP/ARCHITECTURE

DESIGN

Urban
Architecture
Interior
Product
Sustainability

PLP/LABS

RESEARCH

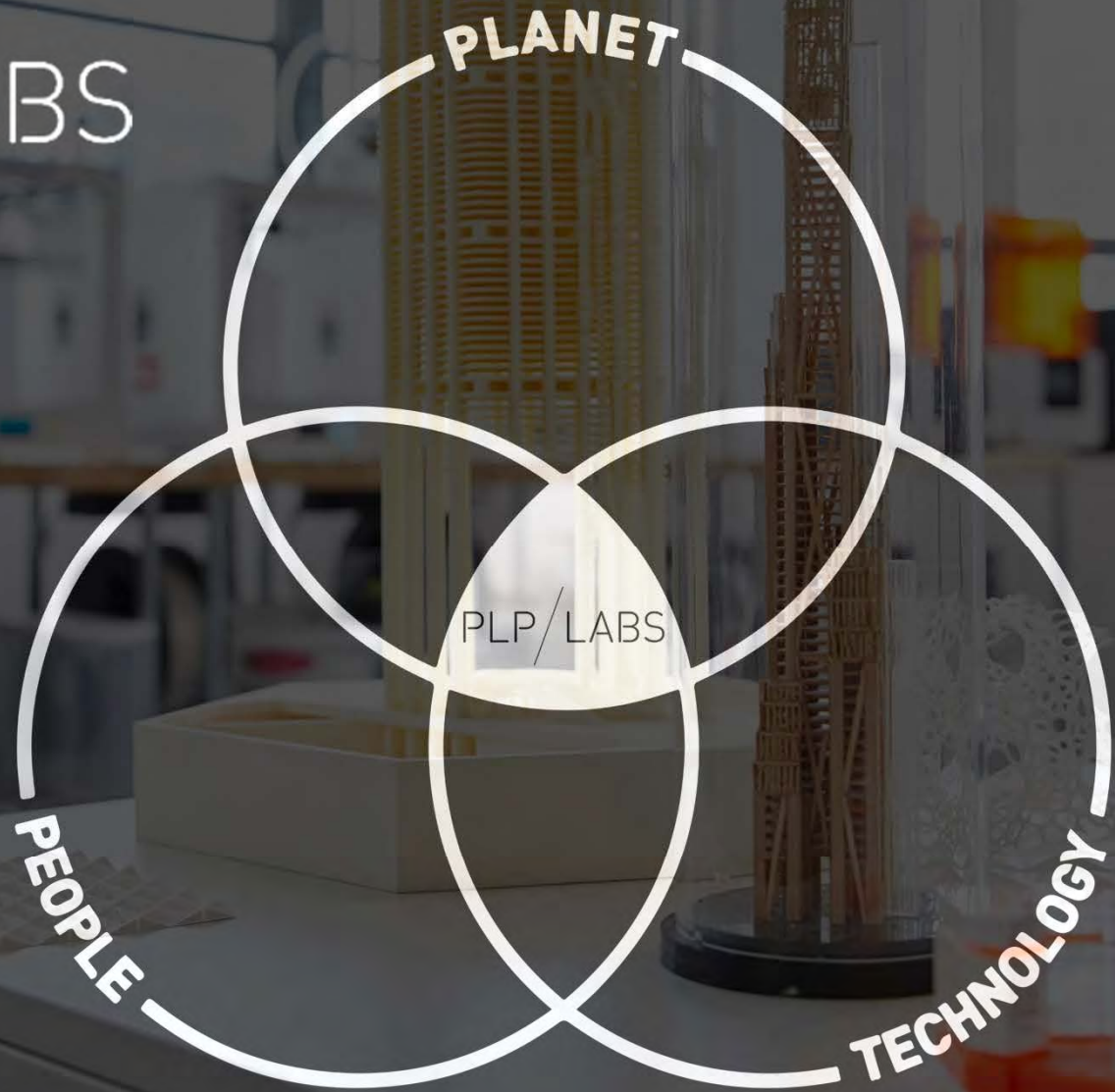
The Possible City
Digital Design Tools
User Experience
Material
Mobility

STRATEGY

Placemaking
Positioning
Workplace
Repurposing
Product Ideation

PLP/ARCHITECTURE

PLP / LABS



PLP / ARCI

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SKYPOD

ループ状に繋がるフィニキュレーターを、構造フレームと一体化させ、センターコアをなくし、スパータワーのフロアに開放する。スウェーデンのTyrénsと共同開発で従来のVertical Transportationのアイデアを革新します。



OAKWOOD PROJECT

21世紀の高層タワーとは? 300mスーパータワーの構造 素材に、木材を持って挑戦したケンブリッジ大学等の専門機関と協同開発。



ZOOMING IN ON THE "S" IN ESG

A ROAD MAP FOR SOCIAL VALUE IN REAL ESTATE



PLP LABS/ CONSULTANCY PLACEMAKING/WORKPLACE/LIVING/HOSPITALITY

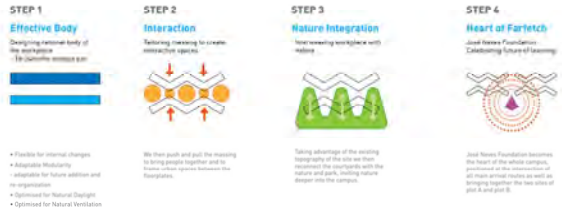
1. FUTURE RESEARCH 次世代リサーチ



VISIONING ビジョニング



2. PROJECT STRATEGY プロジェクトストラテジー



3. DESIGN IMPLEMENTATION まちづくり & ビルの空間デザイン



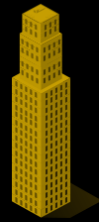
環境と人が共鳴し、人を含めた生命が生きる街
TRANSFORMATION FOR PEOPLE AND PLANET

**FUTURE IS MOVING FROM
HUMAN CENTRIC
TO
LIFE CENTRIC**

「人中心」から「生命中心」まちづくりへ

LIFE CENTRIC APPROACH

BUILDING SCALE



OPERATIONAL CARBON FOR ENVIRONMENT

HARD



EFFECT

- 03 RENEWABLE
- 02 SYSTEM OPTIMIZATION
- 01 LOAD REDUCTION



SOFT



SMART OPTIMIZATION

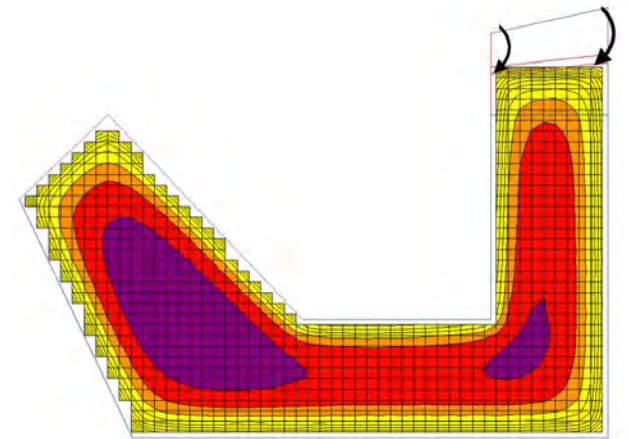


THE EDGE

Green: world's highest environmental performance BREAM 98.4

Smart: "SMARTEST BUILDING IN THE WORLD" Bloomberg

Wellness: 2.5 times more Deloitte Talent secured, 45% improvement in absenteeism



PLP/ARCHITECTURE

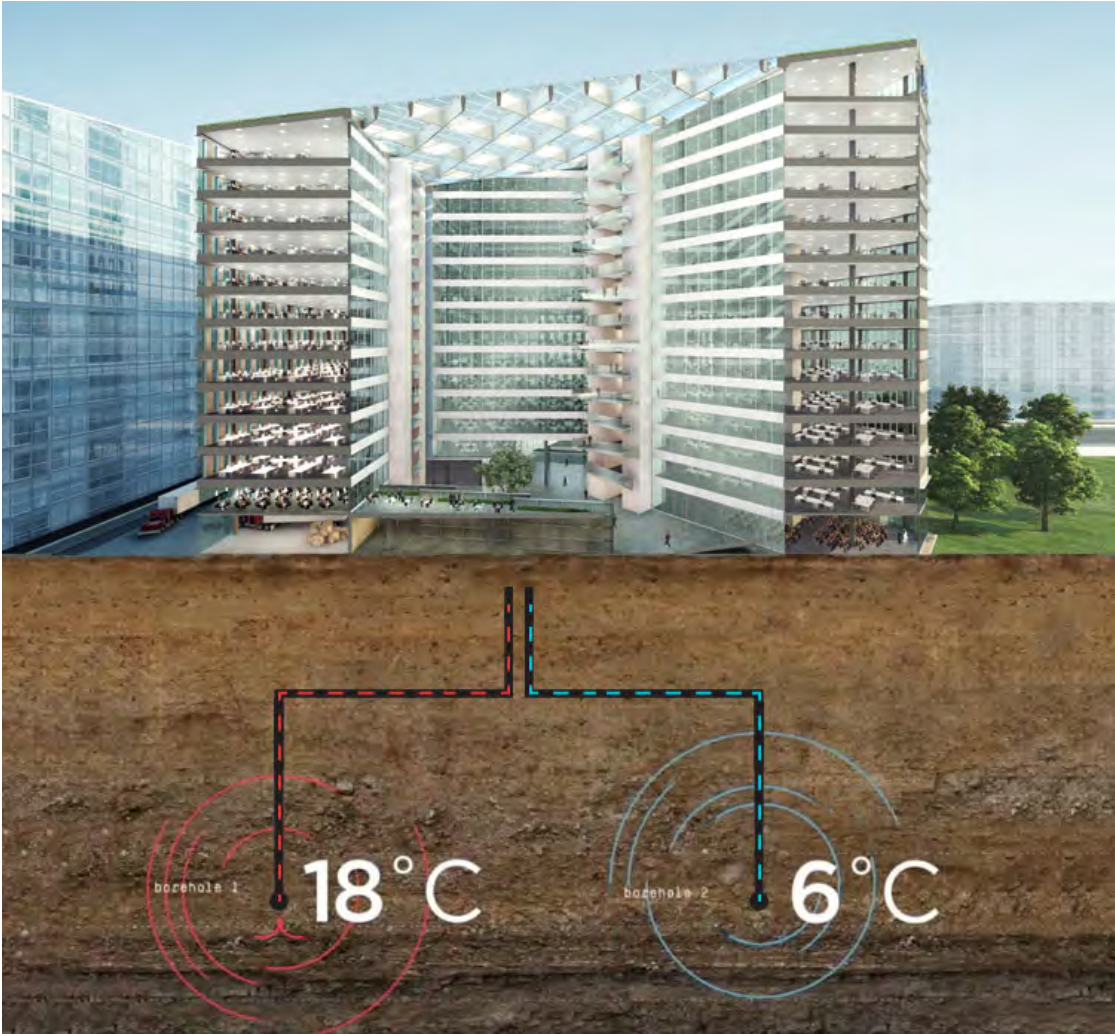


PLP/ARCHITECTURE



The Edge, Amsterdam, The Netherlands

SYSTEM OPTIMIZATION: AQUIFER



PLP/ARCHITECTURE

The Edge, Amsterdam, The Netherlands

RENEWABLE



PLP/ARCHITECTURE



The Edge, Amsterdam, The Netherlands

SMART OPTIOMIZATION



PLP/ARCHITECTURE

The Edge, Amsterdam, The Netherlands



PLP/ARCHITECTURE

GREEN

ELECTRICITY COST



70% ↓

HEATING AND COOLING COST



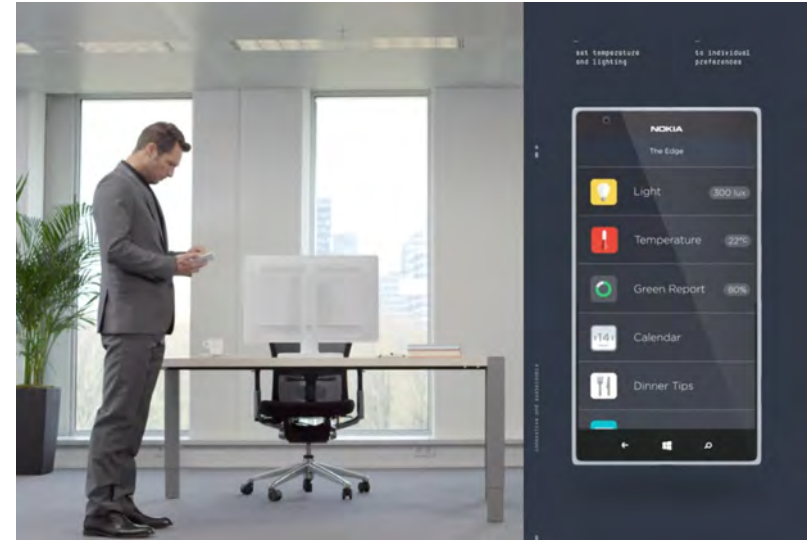
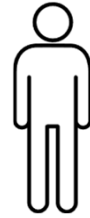
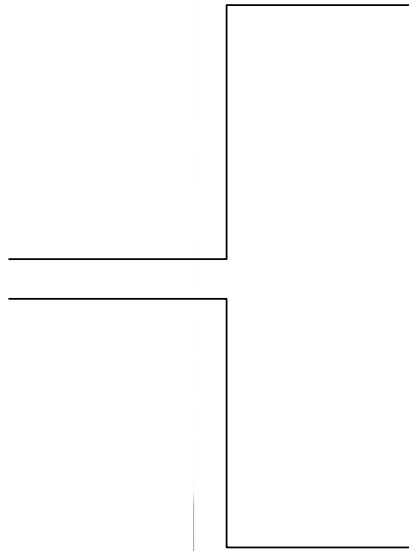
±0

CARBON NEUTRAL

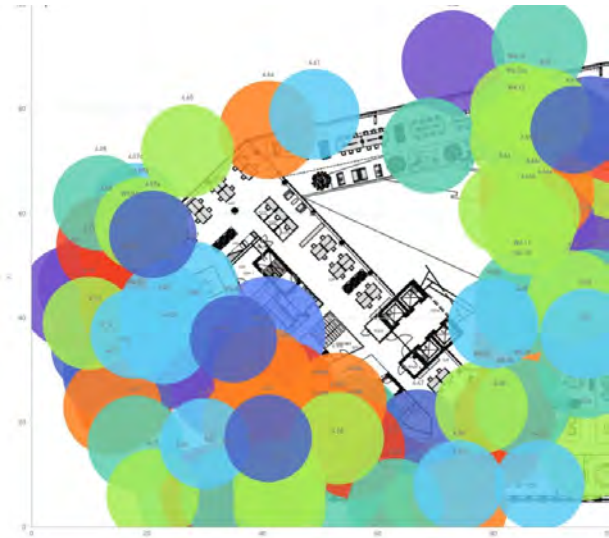


±0

PERSONALIZATION

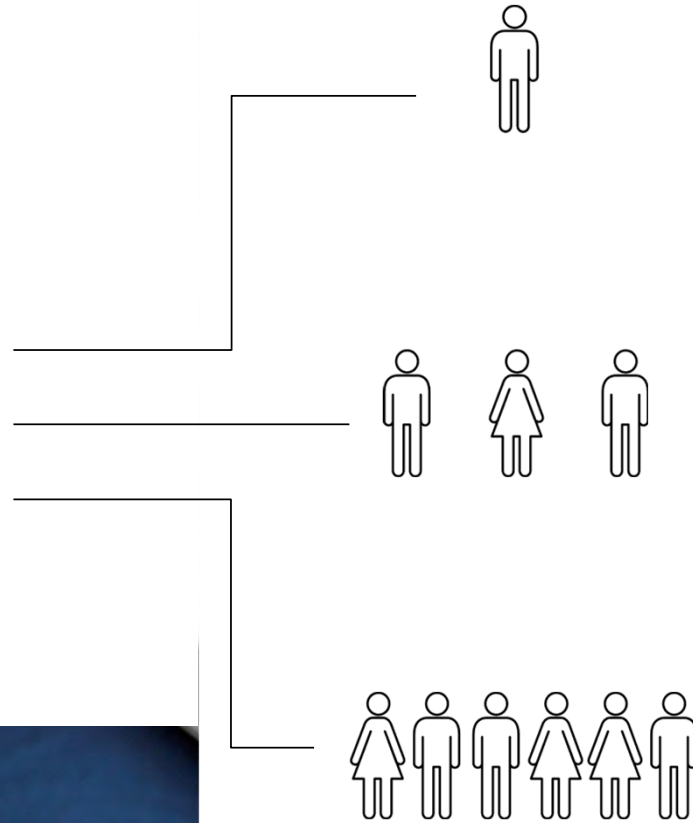


PLP/ARCHITECTURE



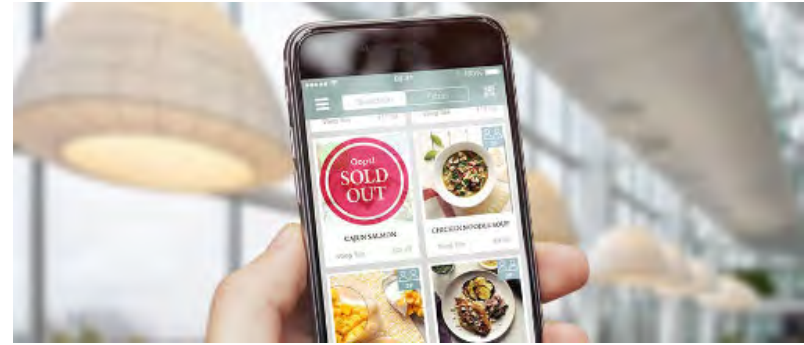
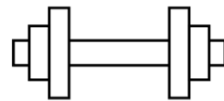
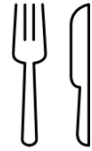
Control your Environment

CONNECT PEOPLE AND SPACE



PLP/ARCHITECTURE

PERSONALIZATION & SHARED FACILITIES



PLP/ARCHITECTURE

Connect to Amenities



PLP/ARCHITECTURE

WELLBEING

ABSENTEEISM



45% ↓

TALENT ACQUISITION DELOITTE APPLICATIONS UP



2.5 x

EMPLOYEE SATISFACTION





NET-ZERO, NATIONAL METEROLOGICAL CENTER
DAEJEON, SOUTH KOREA

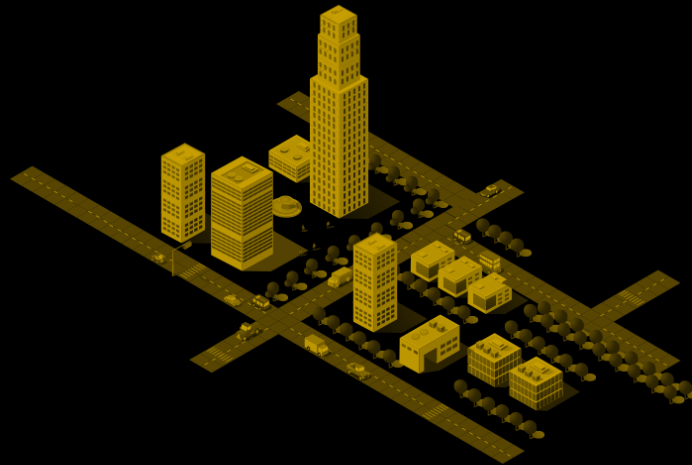


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THIRD SPACE



LIFE CENTRIC APPROACH MASTERPLAN SCALE



BANKSIDE YARDS

‘UK’s FIRST MAJOR MIXED-USE
FOSSIL FUEL FREE DEVELOPMENT’

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‘ESTABLISH LONDON’S
NEW CULTURAL NEIGHBOURHOOD’

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BANKSIDE YARDS MASTERPLAN 8 BUILDINGS & 8 PUBLIC REALM & 14 HISTORICAL ARCHES





An architectural rendering of a modern urban courtyard at night. The scene is filled with people walking and socializing. In the foreground, there are several large, illuminated planters containing trees and flowers. The courtyard is paved with dark bricks and has a glowing white line running through it. In the background, there are modern buildings with glass facades and brick walls. The word "NEIGHBOURHOOD" is overlaid in large, white, textured letters across the center of the image.

NEIGHBOURHOOD



Bankside Yards Environmental Performance



**MASTERPLAN WIDE
5TH GENERATION
ENERGY NETWORK**



**REDUCED URBAN
HEAT ISLAND**
by re-using waste heat



**ZERO
EMISSIONS**



**ALL 8 BUILDINGS
100% electric**



**AIR SOURCE
HEAT PUMPS**



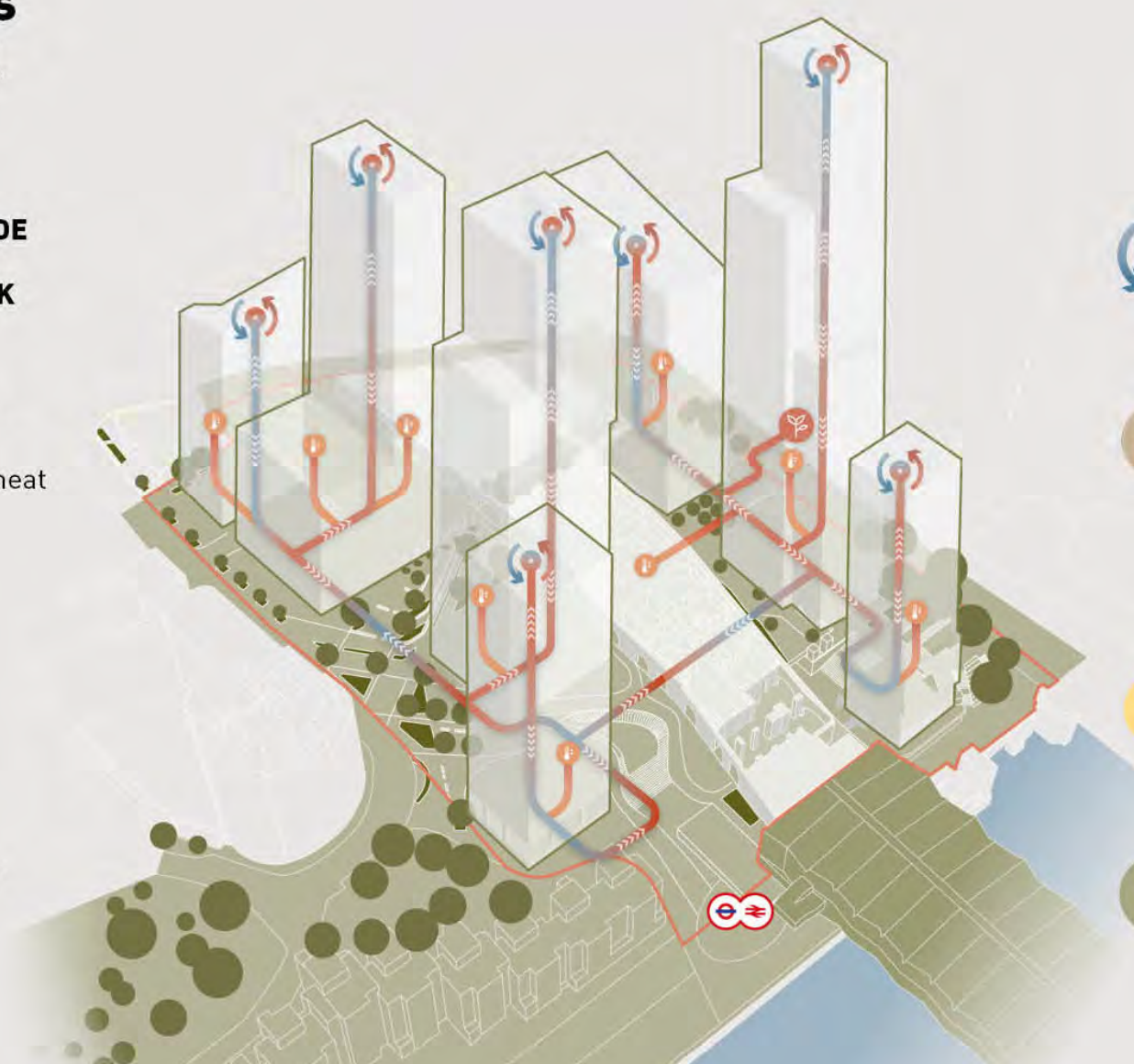
**OPTIMISED FAÇADES AND
EFFICIENT SYSTEMS**
Residential apartments
achieve RIBA 2030 Climate
Challenge operational energy
targets



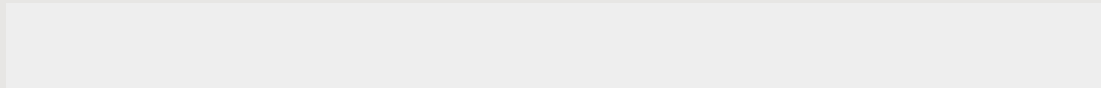
**BIODIVERSITY
ENHANCEMENT**
150 new trees of 20
different species



WASTE PREVENTION
97% of demolition materials
and >80% construction
waste will be diverted from
landfill



Bankside Yards Embedding Social Value



PUBLIC REALM
makes up 55% of site, with
3 new urban connections



**CREATIVE REUSE OF 14
HISTORIC RAILWAY ARCHES**
including designated LGBTQ+
cultural space



**SUSTAINABLE
TRANSPORT**
1380 cycle spaces and
electric car charging



TOWARDS HYPERMIXITY
exploring the future of
urban mixed use



**COLLABORATING WITH
BETTER BANKSIDE**
Thames Beach plastics
cleaning



**MENTORING YOUNG
STUDENTS**
with Construction Youth
Trust



**SUPPORTING LOCAL
CHARITIES**
fundraising for DePaul
and Waterloo Food Bank

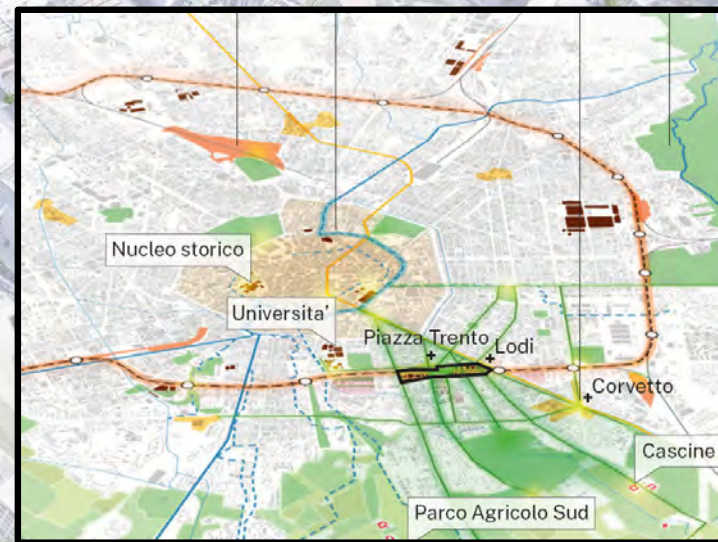
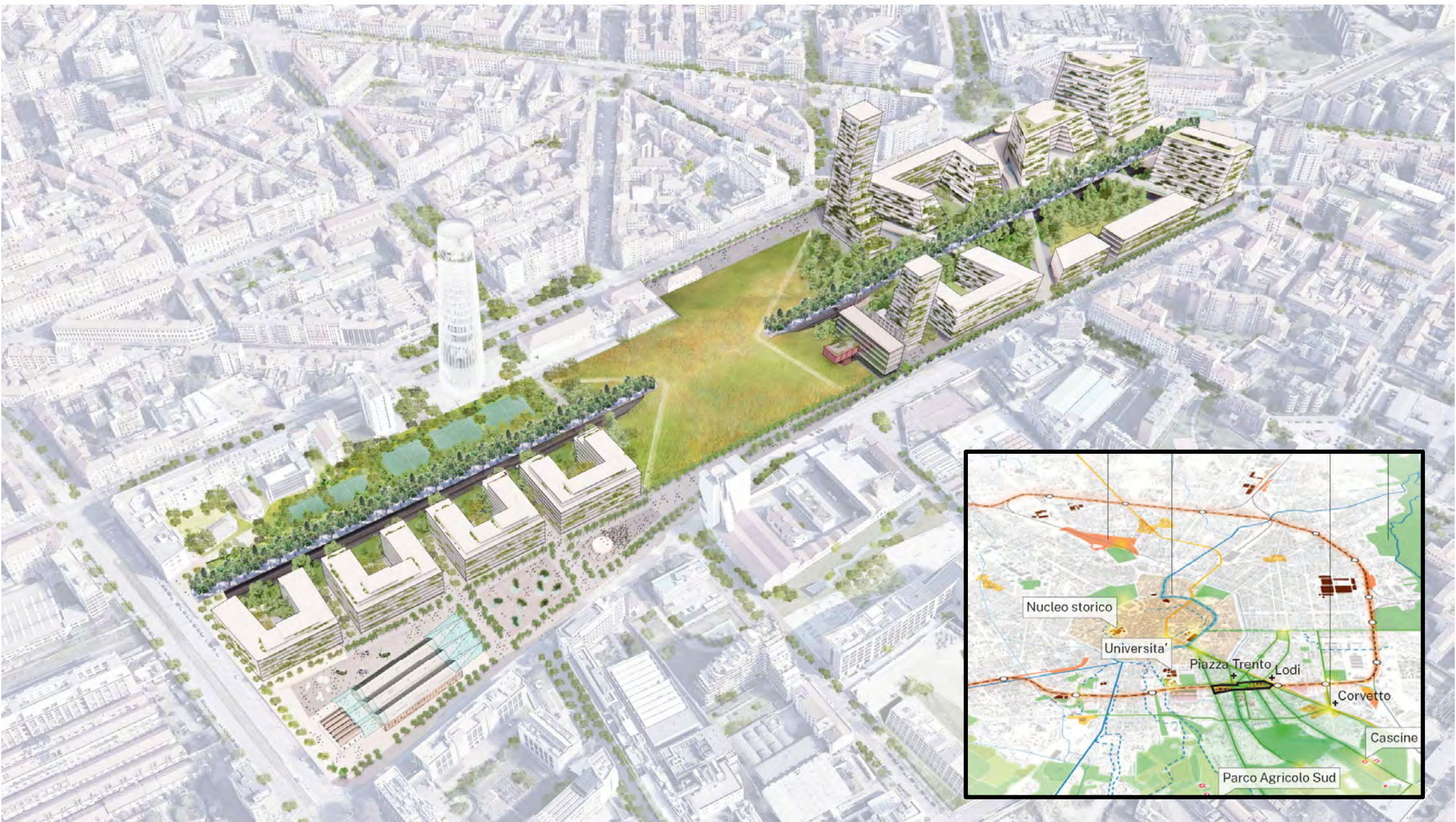


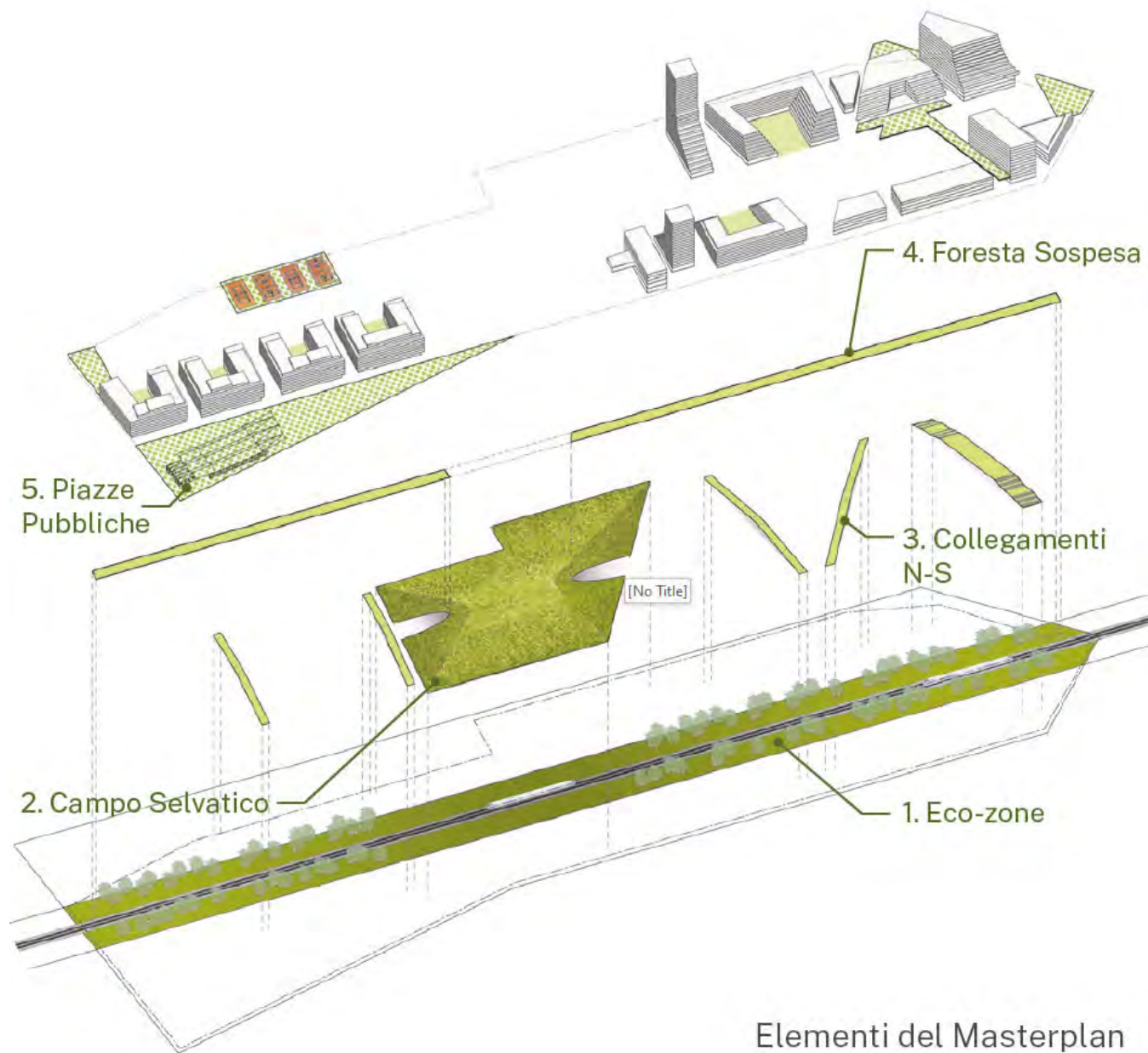
VOLUNTEERING
with Bounce Back
Foundation

Scalo di Porta Romana Concorso per il Masterplan

NATURE FIRST
HUMAN AS GUEST







Elementi del Masterplan







MASTERPLAN SUSTAINABILITY APPROACH

PILLARS 原則

DECARBONIZATION 脱炭素化
OPERATIONAL CARBON
EMBODIED CARBON

CLIMATE ADAPTATION
気候変動への適応

CIRCULARITY AND VALUE OVERTIME
サーキュラリティーと長期的不動産価値

BIODIVERSITY AND NATURAL CAPITAL
生物多様性と自然資産

TARGETS ターゲット

FOSSEL FREE/RENEWABLE ENERGY MASTERPLAN
化石燃料フリー・再生可能エネルギーのコミュニティ
5TH GENERATION ENERGY GRID
第5世代エネルギーグリッド

EMBODIED CARBON REDUCTION AND CIRCULARITY
エンボディドカーボン削減とサーキュラリティー

GREEN INFRASTRUCTURE
グリーンインフラ

FOR HEAT ISLAND REDUCTION & AIR QUALITY & BIODIVERSITY
ヒートアイランド対策、大気清浄化、生物多様性

WATER MANAGEMENT
水環境マネジメント
SITE WATER RETAITION AND REUSE
敷地内の水の貯留と再利用

KPI (KEY PERFORMANCE INDICATOR)

KPI 1: CO2 REDUCTION

KPI 2: CO2 REDUCTION

KPI 3 : UTCI Universal Thermal Climate Index
KPI 4: BIODIVERSITY NET GAIN METRIC
KPI 5: URBAN GREENING FACTOR

MASTERPLAN WIDE [DIGITAL TWIN]
マスタープランデジタルツイン

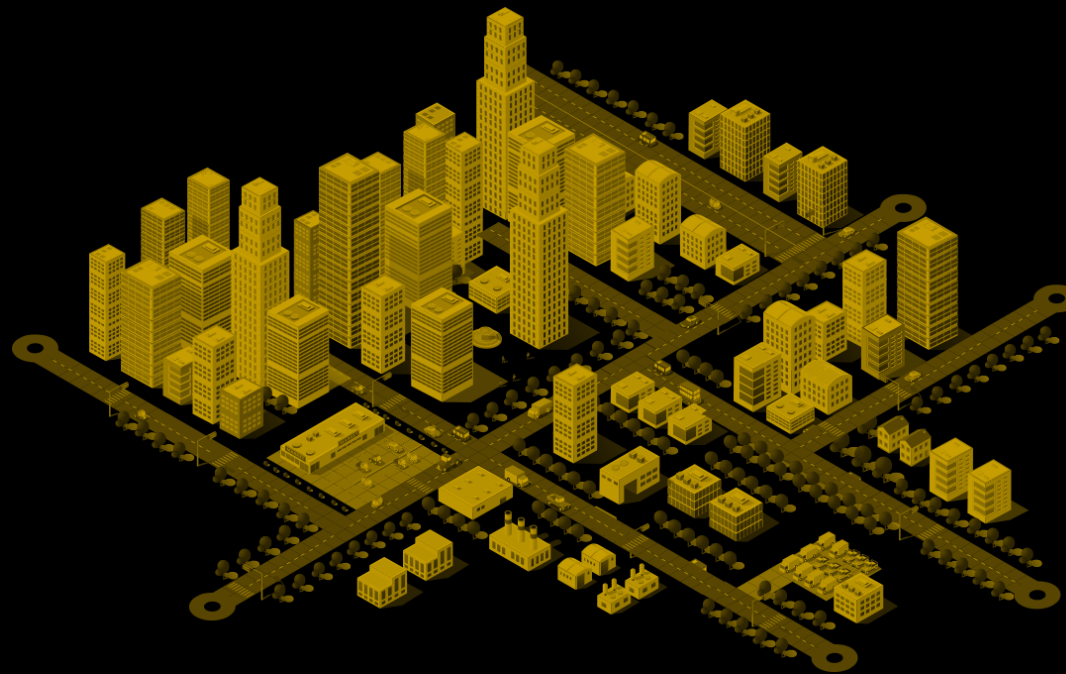
MASTERPLAN SUSTAINABILITY APPROACH

DIGITAL PROCESS



TIME

LIFE CENTRIC APPROACH CITY SCALE





**TOKYO
GREEN
LOOP**

TOWARDS A LIFE-CENTRIC CITY



**TOKYO
GREEN
LOOP**