

An aerial photograph of a dense city skyline, likely New York City, featuring numerous skyscrapers and buildings. A large, semi-transparent blue geometric shape, resembling a stylized 'G' or a series of overlapping triangles, is positioned on the right side of the image, partially obscuring the city view. The sky is overcast with grey clouds.

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SHAPING THE FUTURE OF CITIES

Urban Thinkers Campus

Accelerating the SDGs in Cities | November 14, 2019

What Frameworks Do:

Provide a platform for
action to happen
in the first place.



What Frameworks Don't Do:

Provide a methodology.

Tell you what to do and
how to get there.

Global Reach



Located across

48
Offices

24 PRACTICE AREAS:

WORK

Consulting +
Real Estate Services

Developer

Financial Services

Foundations, Associations +
Organizations

Government + Defense

Intelligent Places

Media + Consumer Goods

Product Development

Professional Services

Repositioning +
Landlord Services

Sciences + Energy

Technology

LIFESTYLE

Brand Design

Digital Experience Design

Hospitality

Mixed-Use + Retail Centers

Residential

Retail

Sports

COMMUNITY

Aviation

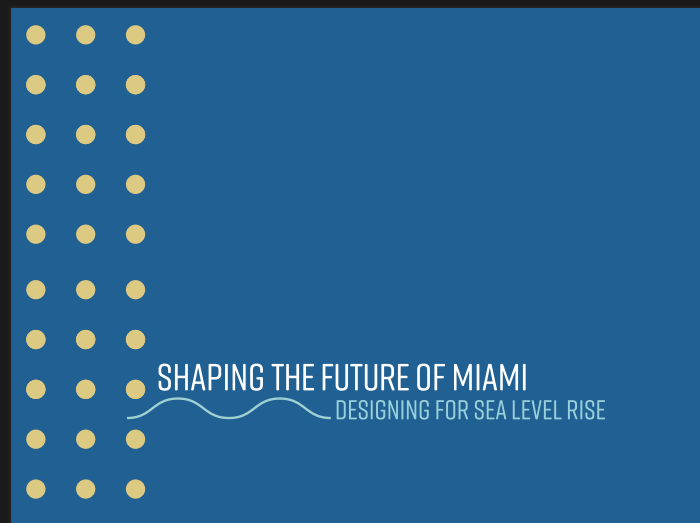
Cities + Urban Design

Critical Facilities

Education, Civic + Culture

Health + Wellness

Partnerships



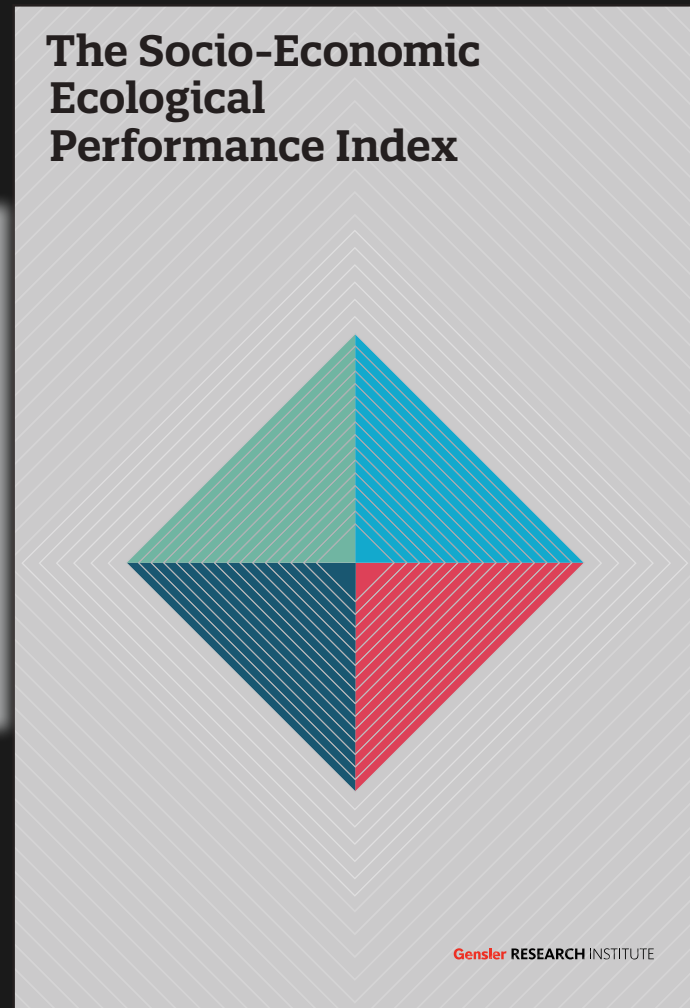
DESIGNING FOR SEA LEVEL RISE

UNIVERSITY OF MIAMI



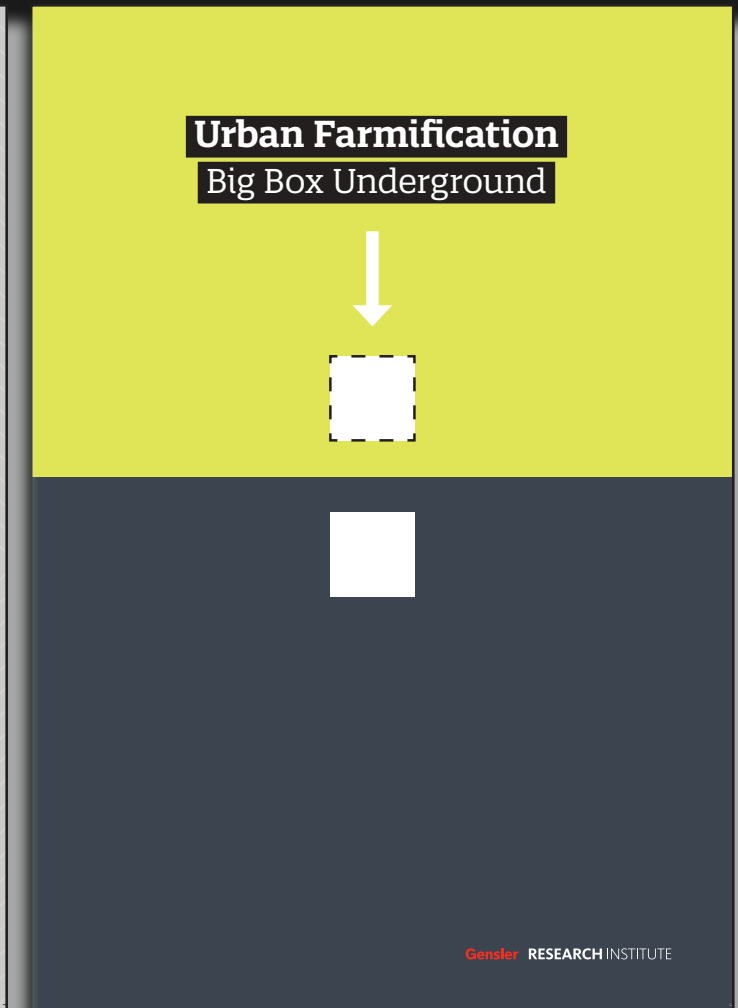
CAMPAIGN FOR COMMON GROUND

FORD FOUNDATION



SEPI

*GEETA MEHTA, COLUMBIA
UNIVERSITY*



URBAN FARMIFICATION

SYSKA HENNESSY GROUP



SEPI

**Socio-Economic
Ecological
Performance
Index**

The Socioeconomic Ecological Performance Index, or **SEPI**, is a tool for architects, owners, and developers to assess their project's social impact and improve the **quadruple bottom line of people, planet, policy, and profit**. SEPI posits that architects and planners can be a corrective force to the global epidemic of socioeconomic inequality by improving the social, economic, and environmental performance of each project.

Quadruple Bottom Line:



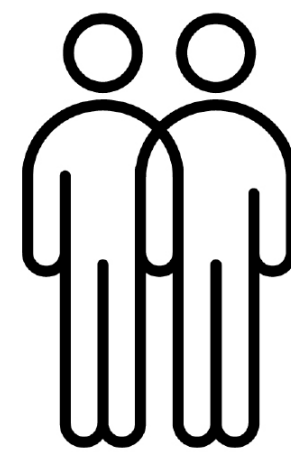
\$ €

£ ¥

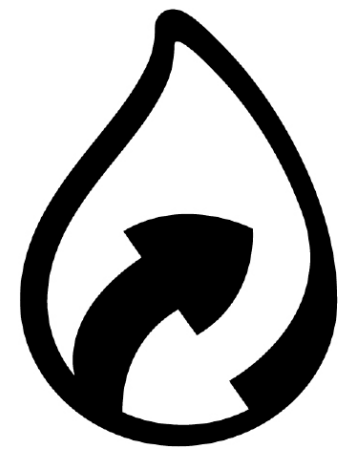
Profit



Policy



People



Planet

SEPI Tool

01 project background

02 discovery & planning

03 post-occupancy

SEPI.

Project Name: iTech
Project Address: 100 Main Street, San Francisco, CA
Environment Type: Urban
Project Area: 200,000 sq.ft
Walkscore: 86

POLICY

Engagement and Influence
☒ ☒ ☒ Community Partners
☒ ☐ ☐ Communication Strategy

Happiness and Fulfillment
☒ ☒ ☒ Team certified by other ratings
☒ ☐ ☐ Transparency policies
☐ ☐ ☐ Wellbeing Tracking

PLANET

Reduce Impact
☒ ☒ ☒ Minimal ecological footprint
☒ ☐ ☐ Green Evaluation system
☒ ☐ ☐ Cradle-to-cradle materials
☒ ☐ ☐ Human-powered travel

Positive Impact
☒ ☒ ☒ Positive ecological footprint
☐ ☐ ☐ Adapt to environmental change
☒ ☐ ☐ Alternative Future Uses

PEOPLE

Basic Needs
☐ ☐ ☐ Equitable housing
☒ ☒ ☐ Infrastructure investment
☒ ☒ ☒ New amenities
☒ ☐ ☐ Public access to new amenities
☒ ☐ ☐ Emergency shelter

Celebration & Recreation
☒ ☒ ☒ Historical assessment
☐ ☐ ☐ Awareness of historic sites
☒ ☐ ☐ Enhance public spaces

PROFIT

Investments
☒ ☒ ☒ Alternative Return on Investment
☒ ☐ ☐ Metrics for profit
☒ ☐ ☐ Mission investment
☒ ☒ ☐ Local Economic Opportunities
☒ ☒ ☒ Community Investment

SEPI Tool

01 project background

02 discovery & planning

03 post-occupancy

SEPI

Socio-Economic Ecological Performance Index

Post-Occupancy

Policy

Happiness & Fulfillment

1

Did the project team conduct a demographic assessment of the community?

No

Yes

2

Is the project team partnering with local organizations working directly with the community?

No

Yes

Please fill in the names of all applicable groups:

Community advocacy groups: _____

Social or environmental justice organizations: _____

Community development organizations: _____

Labor organizations or worker cooperatives: _____

Schools and community education institutions: _____

Social or human service organizations: _____

Health care organizations: _____

Housing and homeless organizations: _____

Professional and vocational training: _____

Arts groups: _____

Food provision: _____

Other: _____

3

Does the Owner or Operator have a strategy in place to maintain communications with the community throughout construction and post occupancy?

No

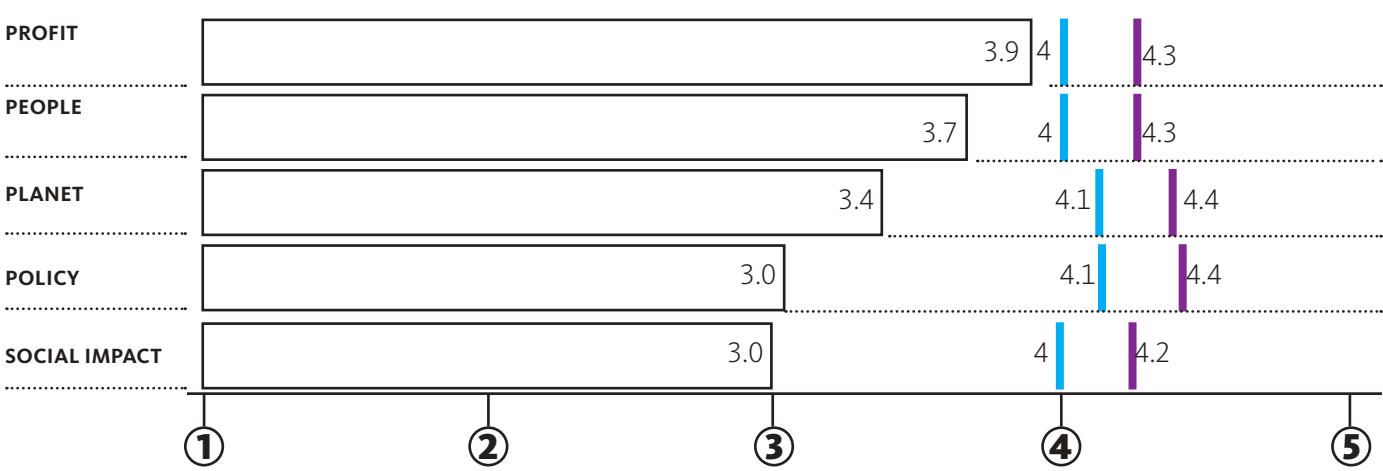
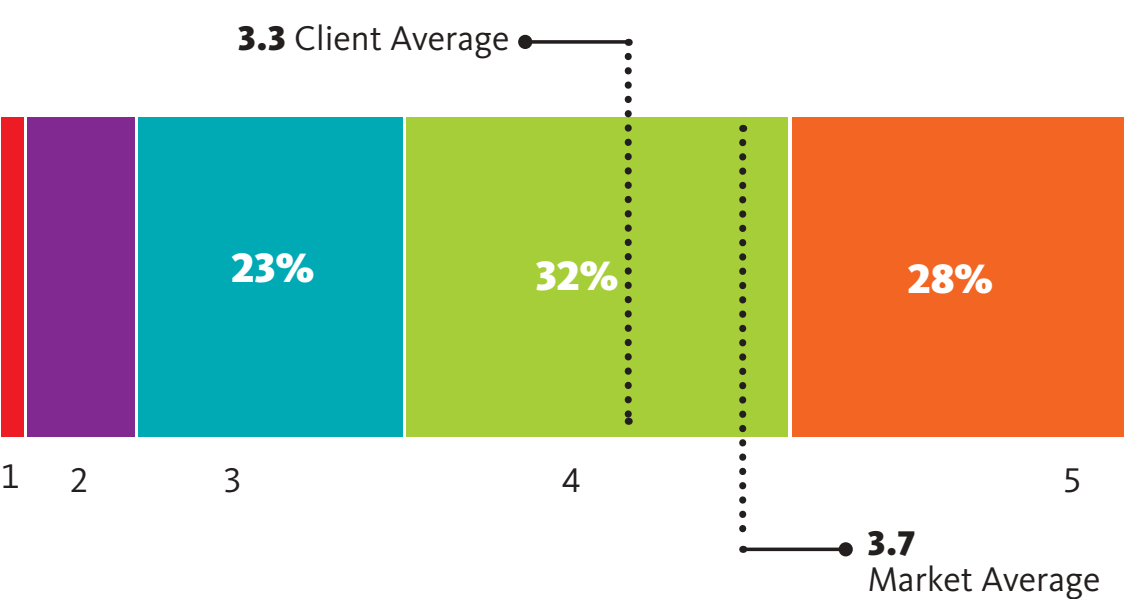
Yes

Please upload your communications strategy, which may include outreach (e.g., social media, tv ads} and engagement (e.g., town halls, learning/training).

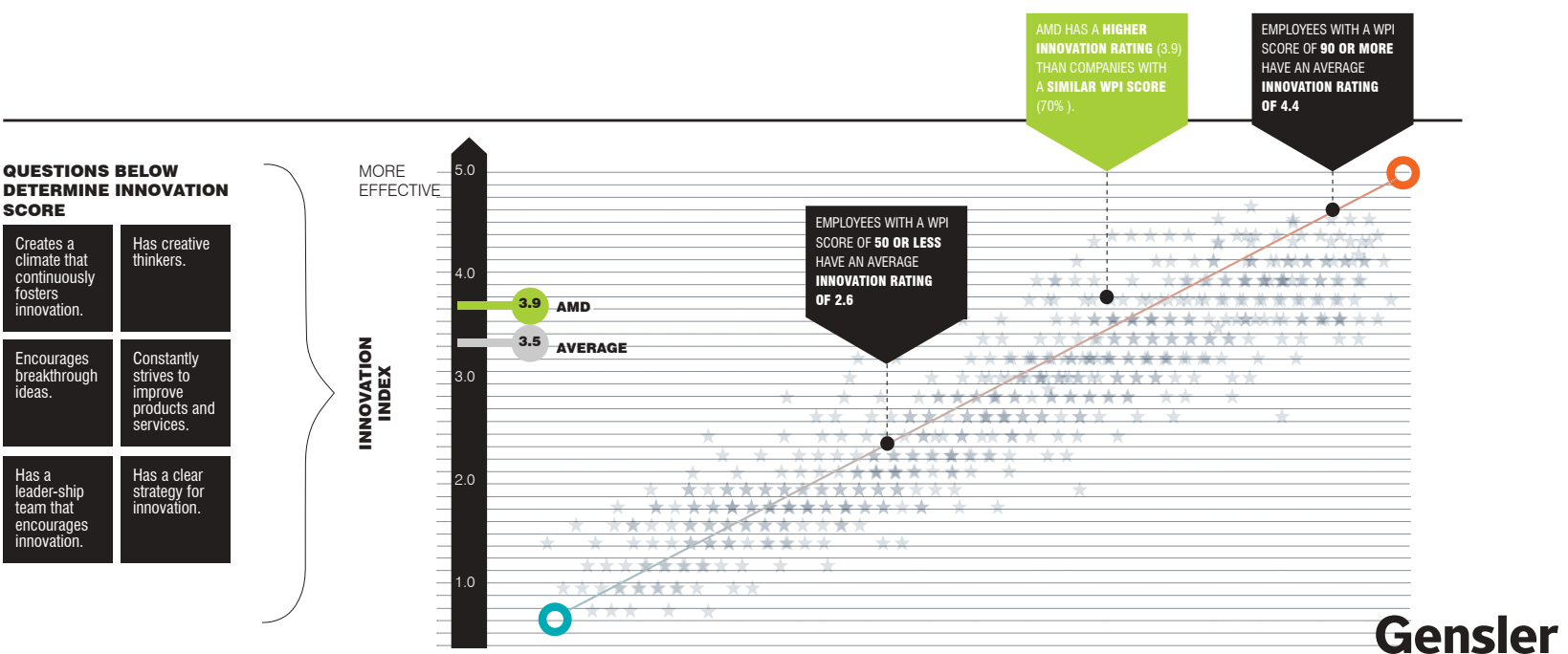
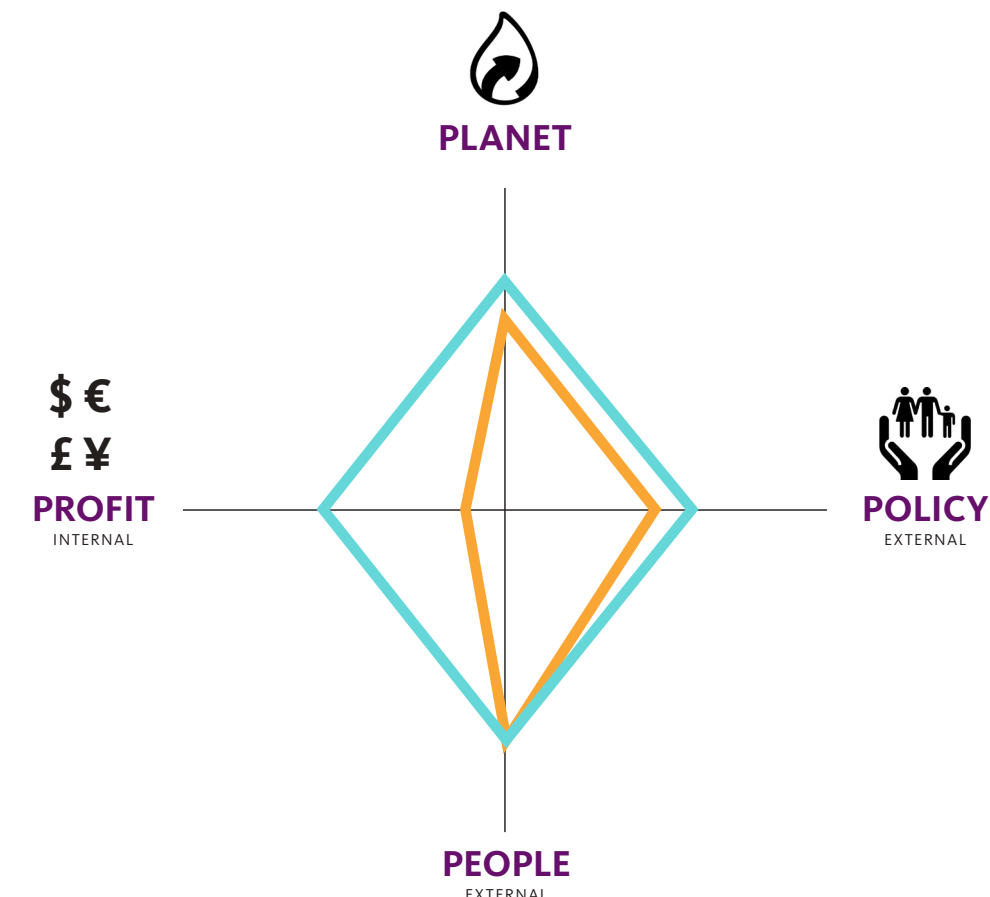
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Results

score/benchmarks per industry/recommendations

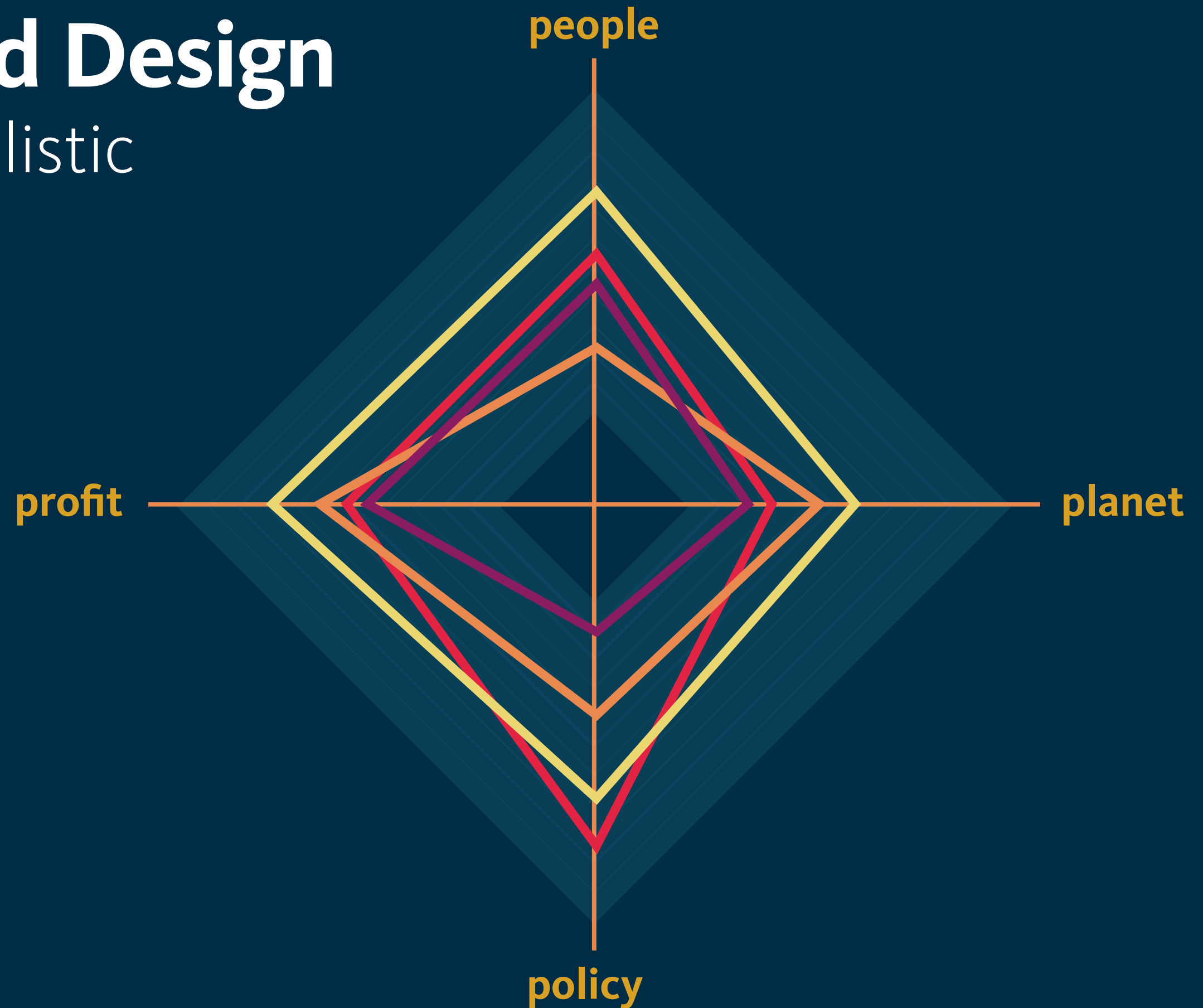


Client SEPI SCORE
78



Evidence-based Design

A Framework for Holistic
Urban Planning.



SDGs and the Future of Cities

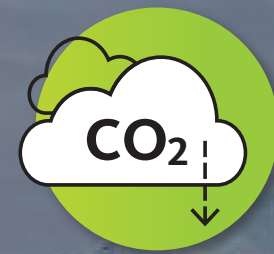


Our Call to Action: Cities Climate Challenge

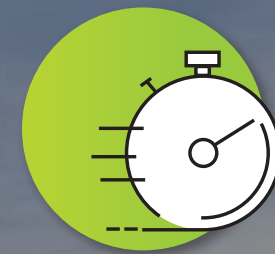


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CITIES CLIMATE CHALLENGE



Commitment to
carbon neutrality



Accelerate progress
in major cities



Challenge
our industry

TODAY

10.21M

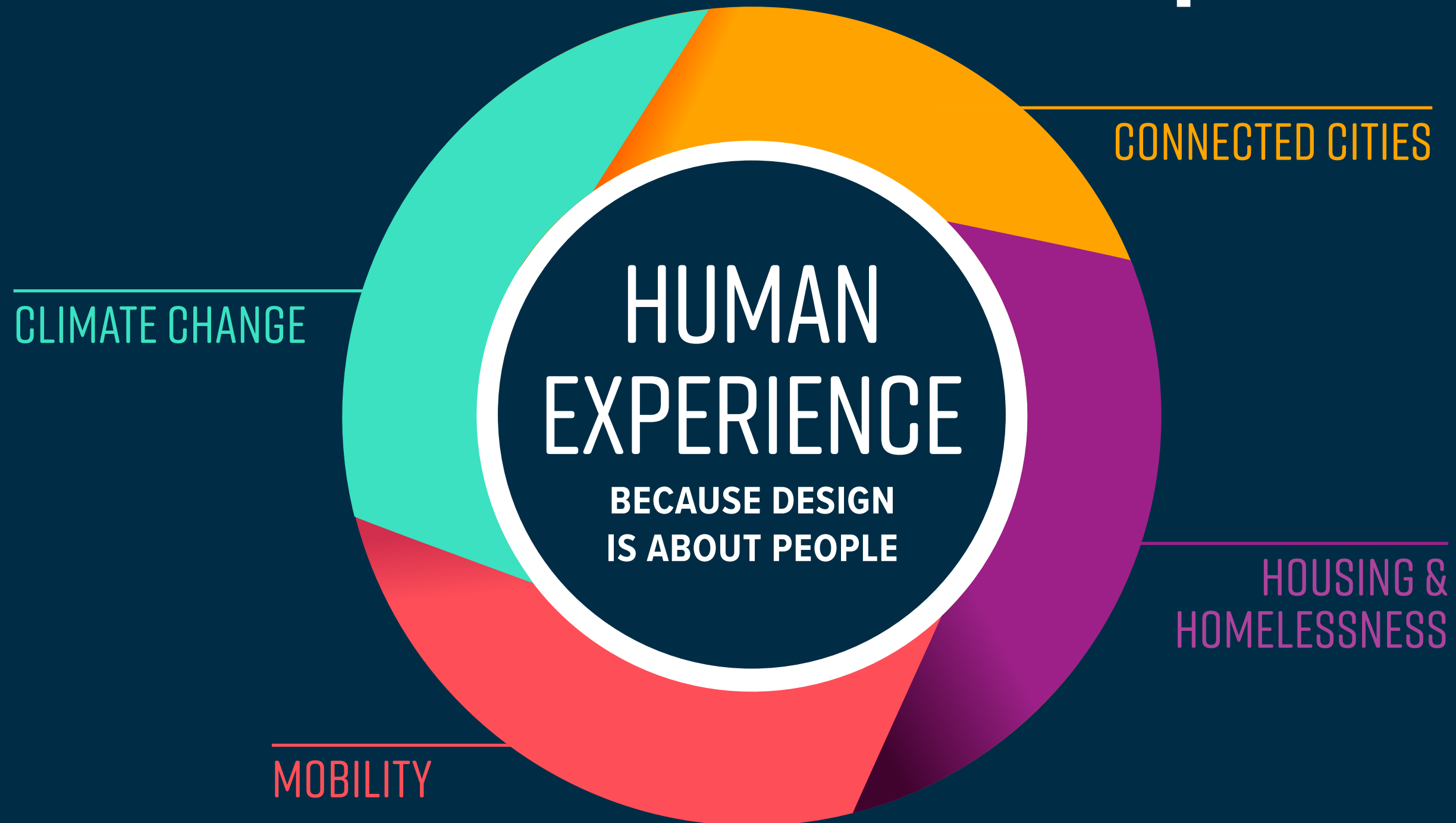
METRIC TONS OF CO2 SAVED
FROM OUR PORTFOLIO AND IMPACT

GOAL

21M

METRIC TONS OF CO2 SAVED
BY 2030

Our Call to Action: Diverse Perspective



Our Call to Action: Diverse Perspective



Climate Change

CLIMATE RESILIENCE

ECOLOGICAL RESILIENCE

COMMUNITY RESILIENCE

CULTURAL RESILIENCE

ECONOMIC RESILIENCE

RESOURCE RESILIENCE

FUNCTIONAL RESILIENCE

PERSONAL RESILIENCE



BEYOND SUSTAINABILITY is the concept of **resilience**, a term we use to recognize that design must constantly evolve, adapting to and preparing for a changing world.

Mobility

ELECTRIFICATION & MICROMOBILITY

CHANGING TRIP DYNAMICS

ROAMING STREETS

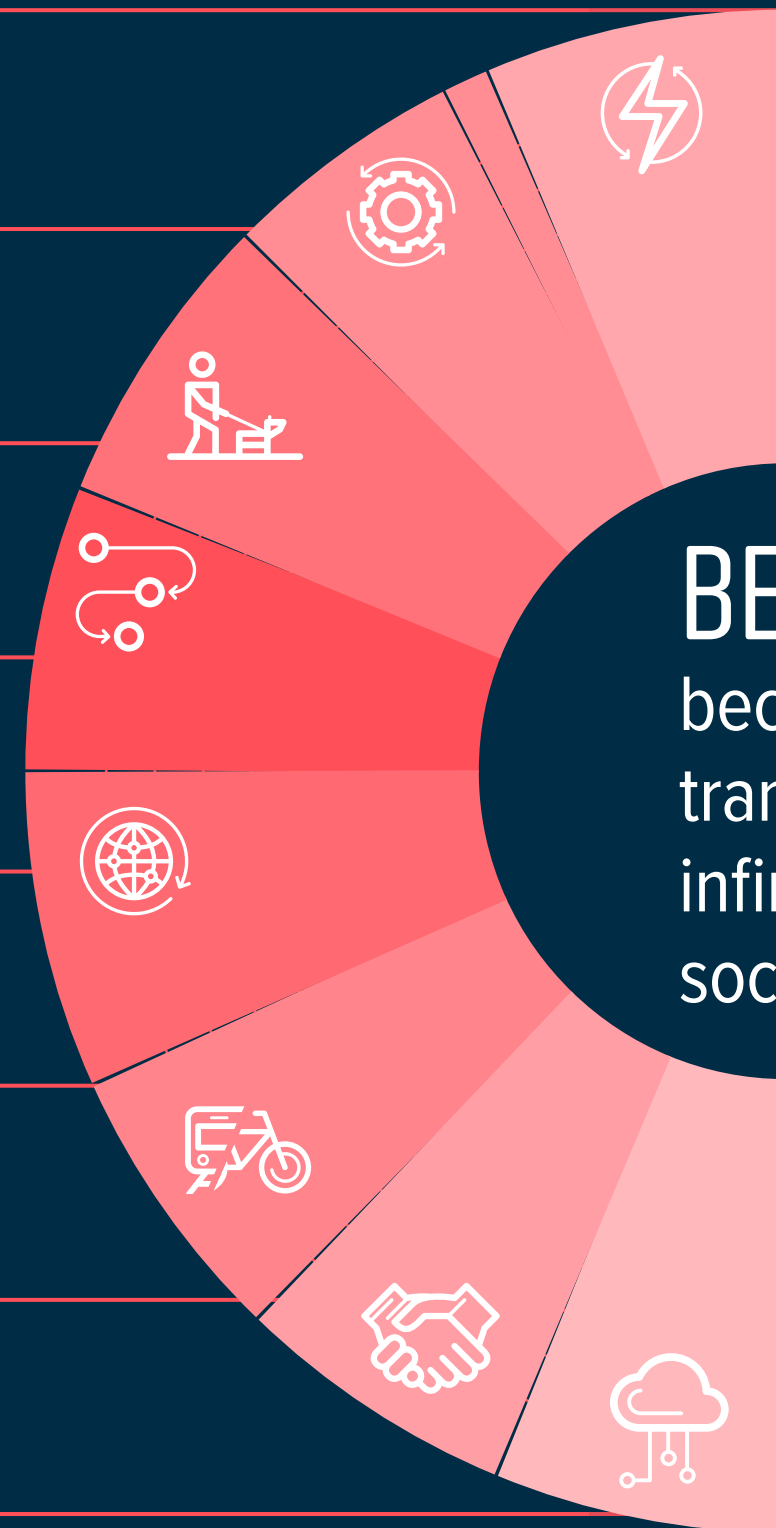
ADAPTIVE INFRASTRUCTURE

MOBILITY AS A SERVICE

MULTIMODAL

PUBLIC-PRIVATE INTEGRATION

BIG DATA



BEYOND THE AUTOMOBILE. Our experience is becoming multimodal as new modes and choices replace transit dependency and people are able to compose infinite trip combinations to fit preferences of time, cost, sociability, and performance.

Connected Cities

EXPERIENCE INTELLIGENCE

DESIGN INTELLIGENCE

BUILDING INTELLIGENCE

PERFORMANCE INTELLIGENCE

ADAPTIVE INTELLIGENCE



CREATING URBAN INTELLIGENCE.

The future built environment integrates data, intelligent services, and continuous design to create higher performing buildings, districts, and cities—places that continuously learn and adapt to improve the lives and experiences of people.

Housing & Homelessness

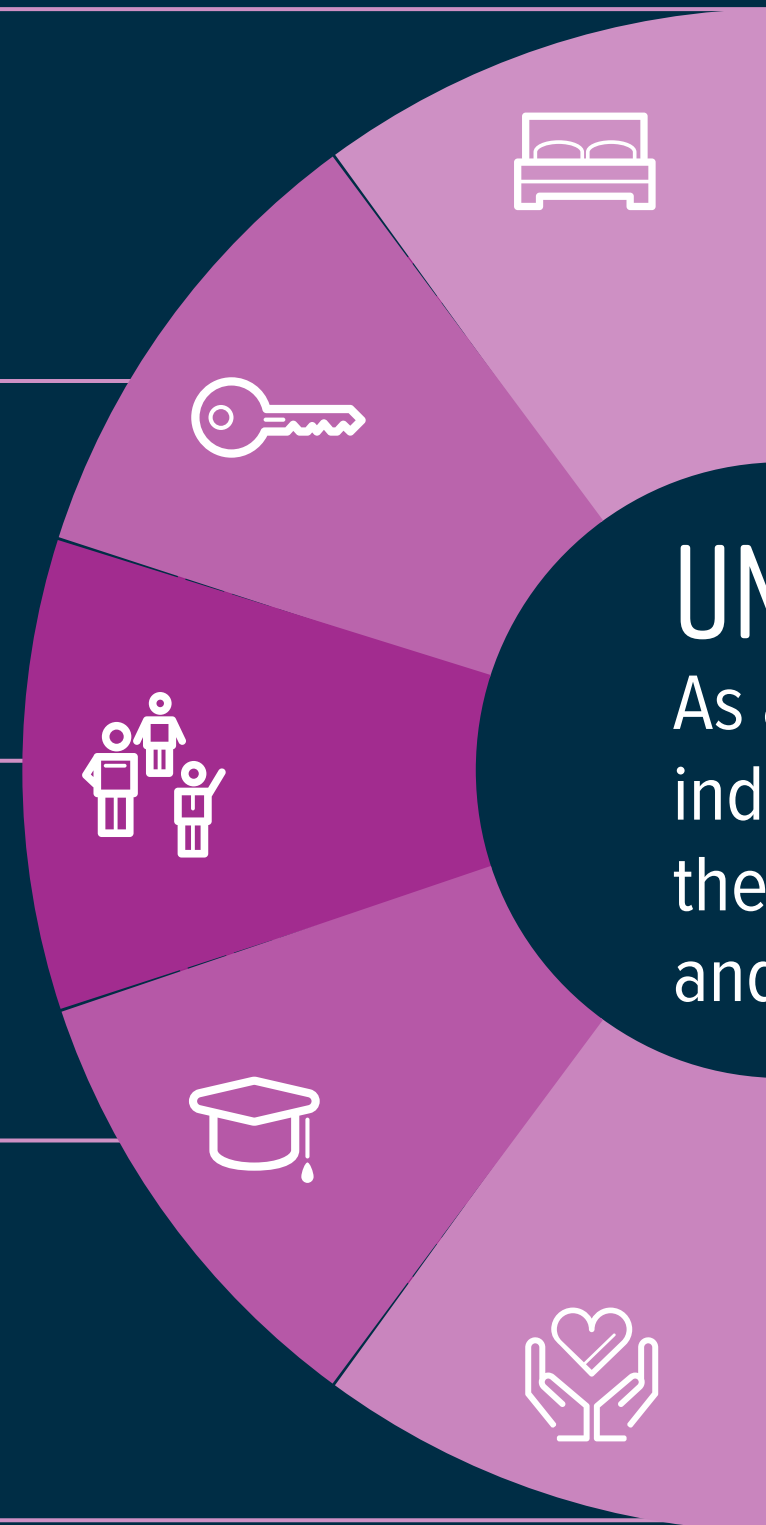
HOMELESSNESS

HOUSING FOR ALL

COMMUNITIES OF CHANGE

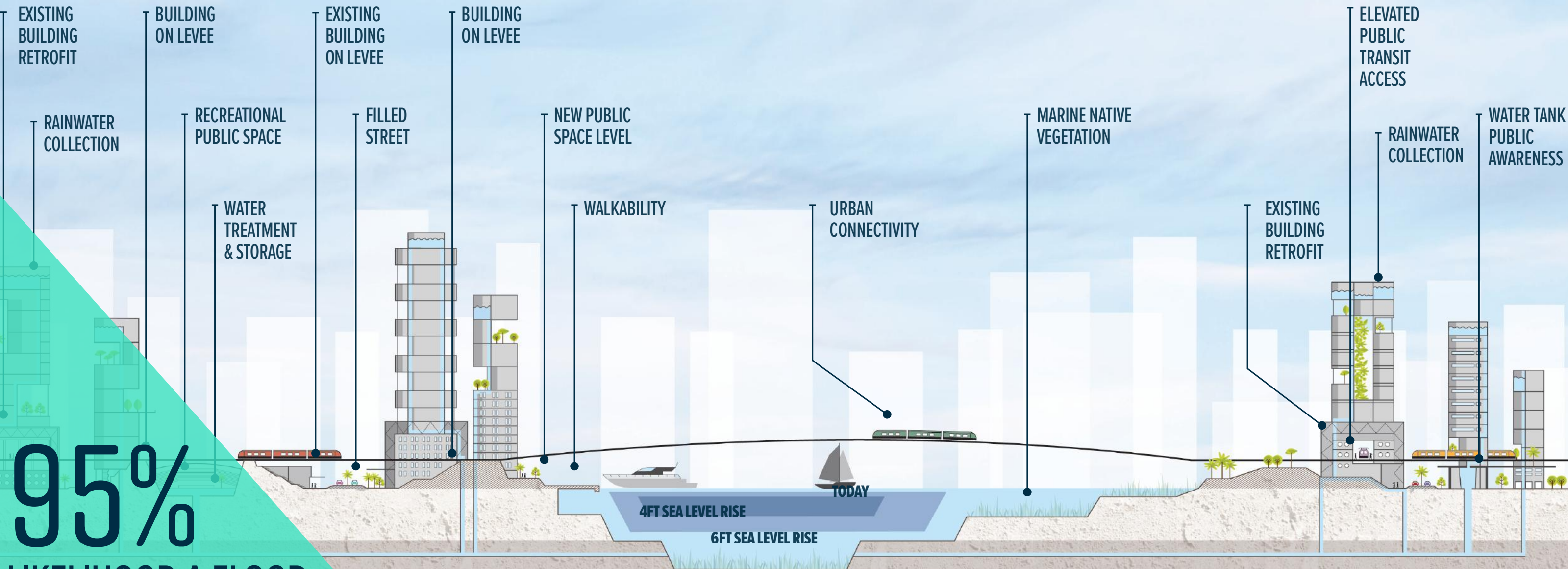
PREPARING FOR OUR FUTURE

IN BUSINESS FOR CHANGE



UNIQUE OPPORTUNITY AND INFLUENCE

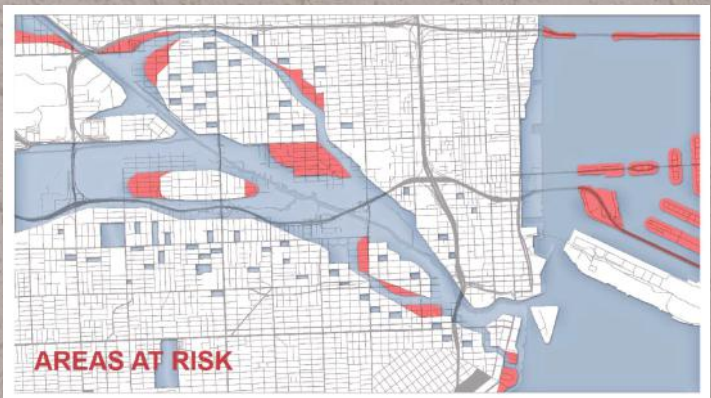
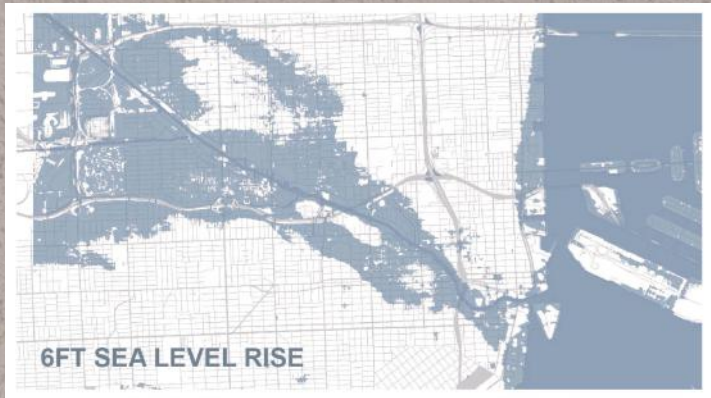
As architects and designers, we know the direct and indirect impact our work has on communities now and in the future. We must create places that support all people and protect our future.



95%

LIKELIHOOD A FLOOD
OF 3FT OR MORE ABOVE
CURRENT HIGH TIDE LINE
WILL AFFECT SOUTH
FLORIDA BY 2030

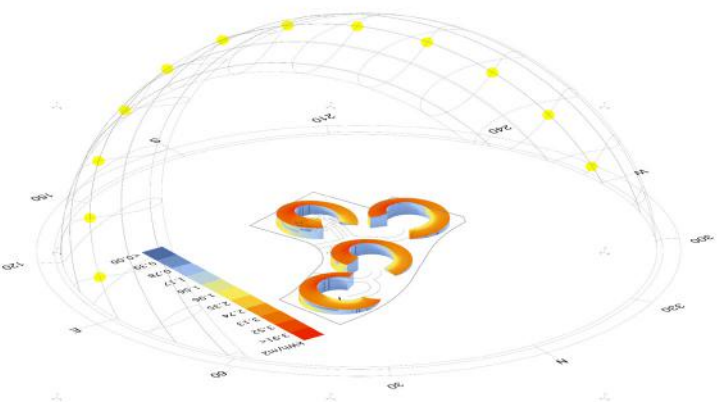
MIAMI WATERWAYS // MIAMI, FL



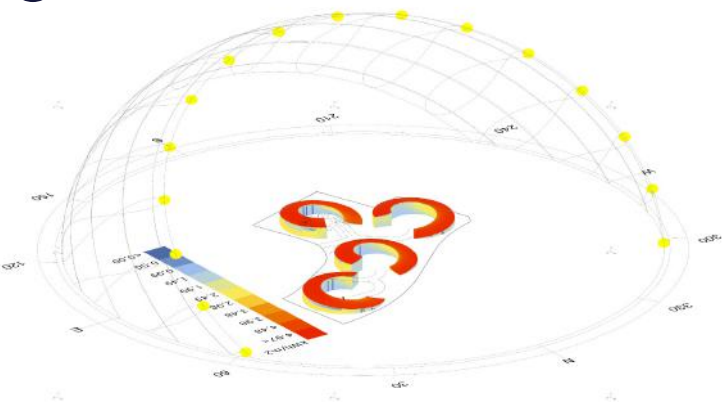
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SOLAR INSULATION ANALYSIS

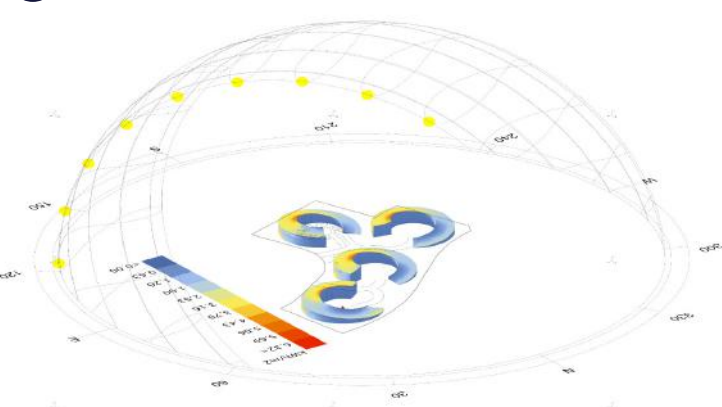
A SEPTEMBER-MARCH



B JUNE



C DECEMBER





+71K

ESTIMATED JOBS,
DIRECT & INDIRECT,
CREATED THROUGH
LAND UTILIZATION

GLOBAL SEAWATER ISAS INITIATIVE



ENERGY
HARVESTING
TOWER GIVES
BACK TO THE
COMMUNITY WHILE
MAKING SUSTAINABLE
TECHNOLOGY VISIBLE

ALTSEA // LOS ANGELES, CA

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SHAPING THE FUTURE OF CITIES

Oliver Schaper
oliver_schaper@gensler.com
212.492.8621

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