



LANDSCAPE INTELLIGENCE

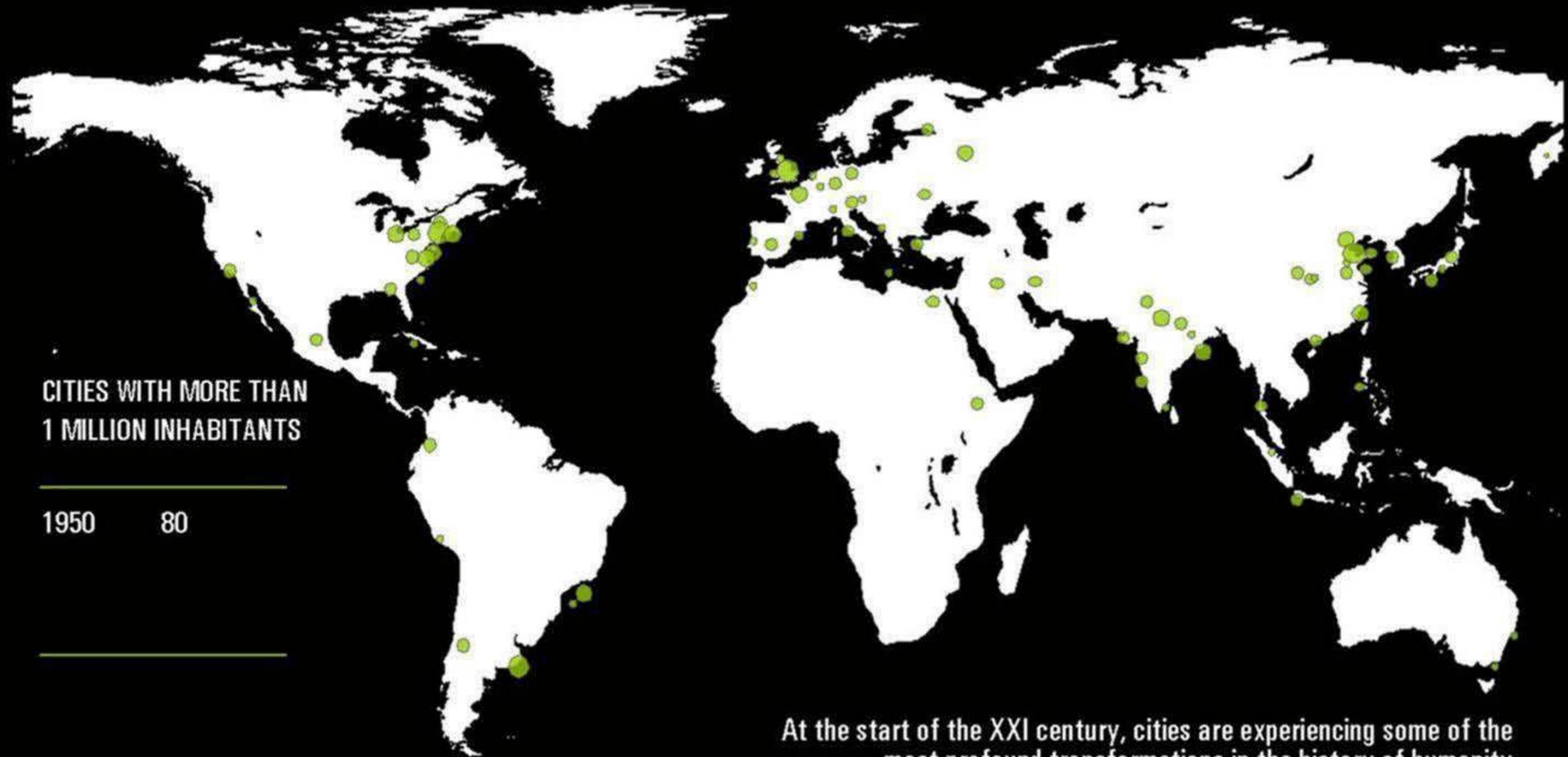
Khazanah Nasional. Megatrends FORUM 2010

Alfonso Vegara

www.fundacion-metropoli.org



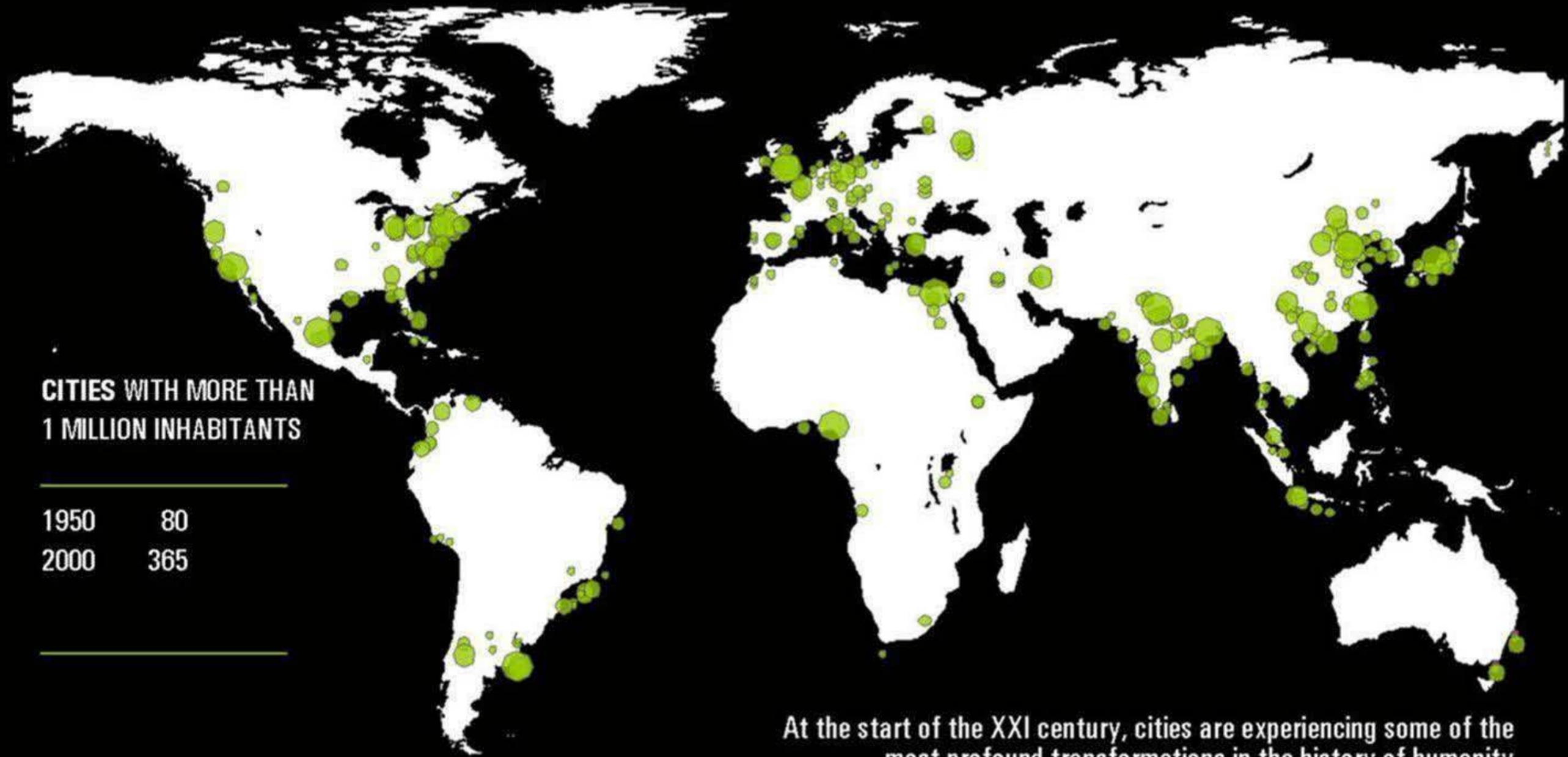
A WORLD OF CITIES



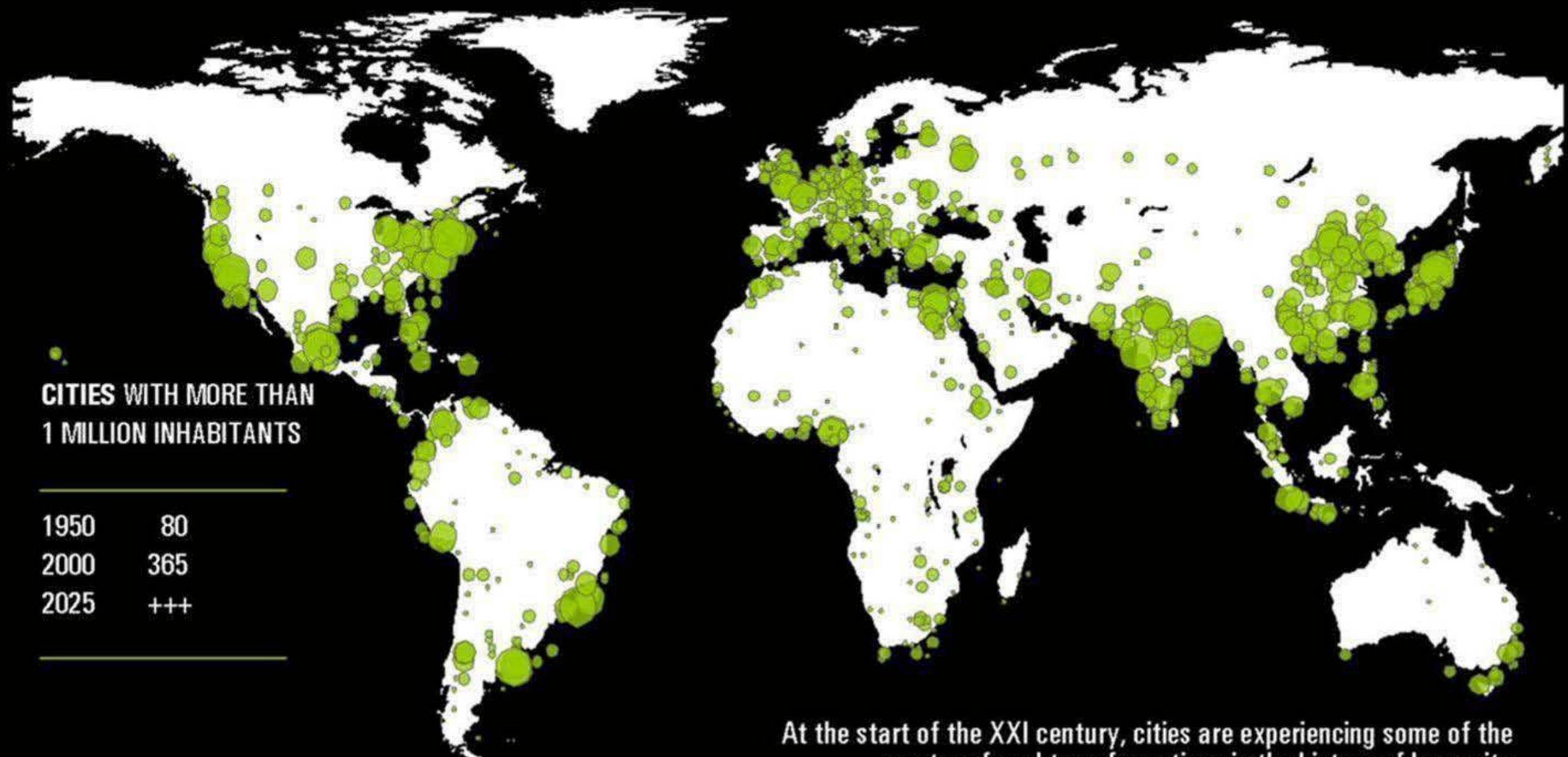
CITIES WITH MORE THAN
1 MILLION INHABITANTS

1950 80

At the start of the XXI century, cities are experiencing some of the most profound transformations in the history of humanity



At the start of the XXI century, cities are experiencing some of the most profound transformations in the history of humanity



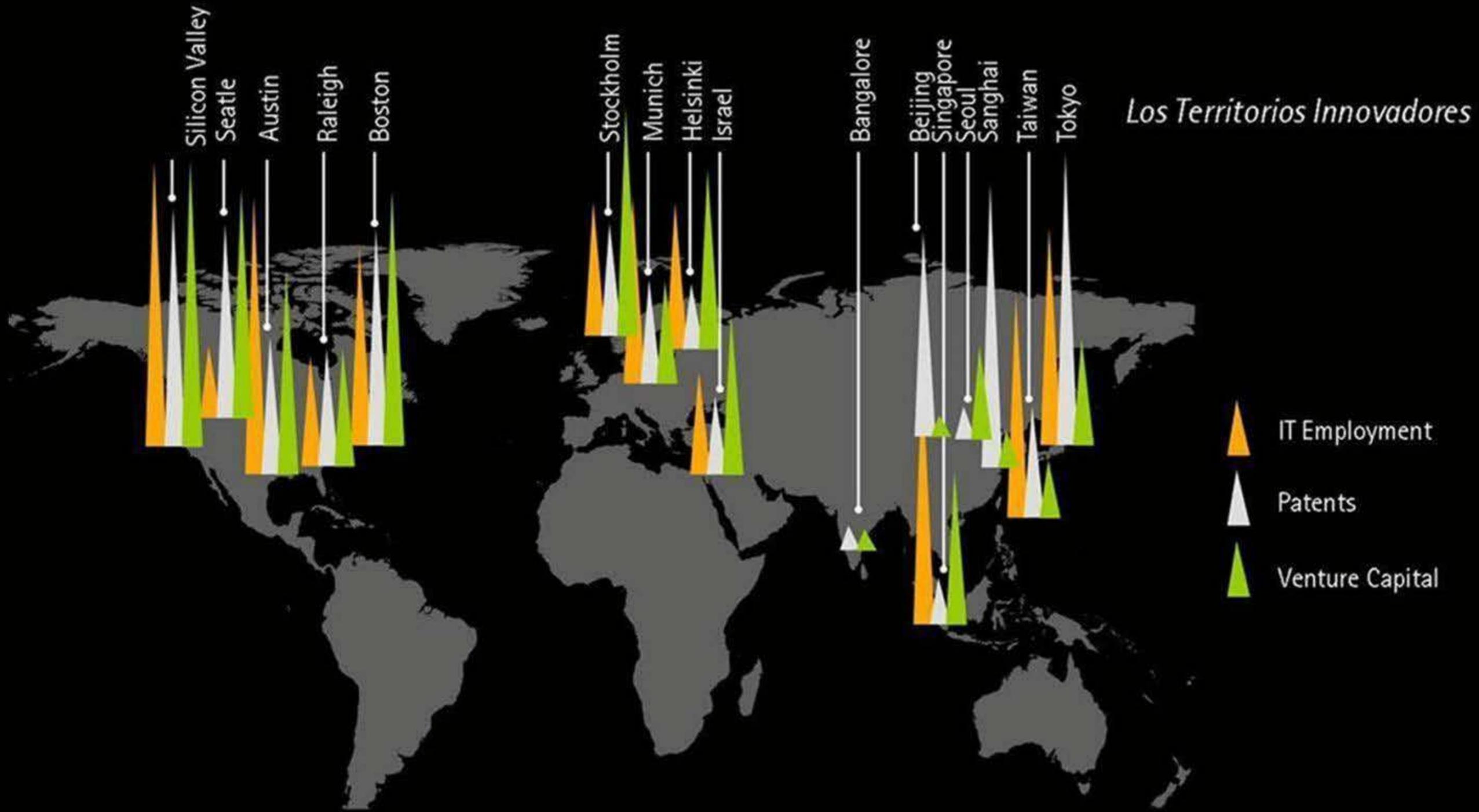
At the start of the XXI century, cities are experiencing some of the most profound transformations in the history of humanity



The greatest challenge of the 21st century is
Building a Sustainable Future



A culture of **innovation** is the only
strategy for long-term sustainability





Fundación Metr poli is an
international centre of innovation
in cities and regions



FUNDACION METROPOLI

Knowledge Creation and Sharing



HUB

>> investigación

I + D Territorial
Learning from Cities
Instituto de Alcaldes
Fellowships
Arte e Innovación
Publicaciones
Awards



LAB

>> innovación

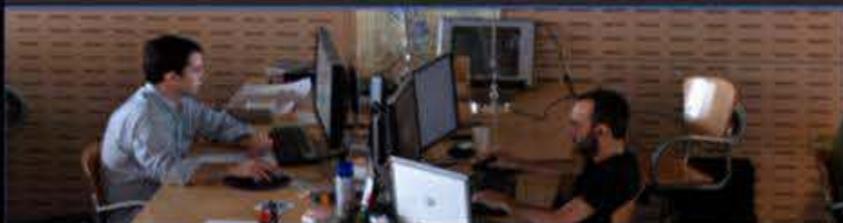


ASMOA

>> incubación

Knowledge Creation and Sharing

New Ideas, New Projects



HUB



LAB



ASMOA

>> investigación

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I + D Territorial
Learning from Cities
Instituto de Alcaldes
Fellowships
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Publicaciones
Awards

Estrategias Territoriales
EcoCiudades
Nodos de innovación
Arquitecturas Avanzadas

Knowledge Creation and Sharing

New Ideas, New Projects

From Ideas to Reality



HUB



LAB



ASMOA

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Arquitecturas Avanzadas

Nuevas Empresas
Agencias Zero
Partenariados Público-Privados
Fondos Verdes
Capital Semilla

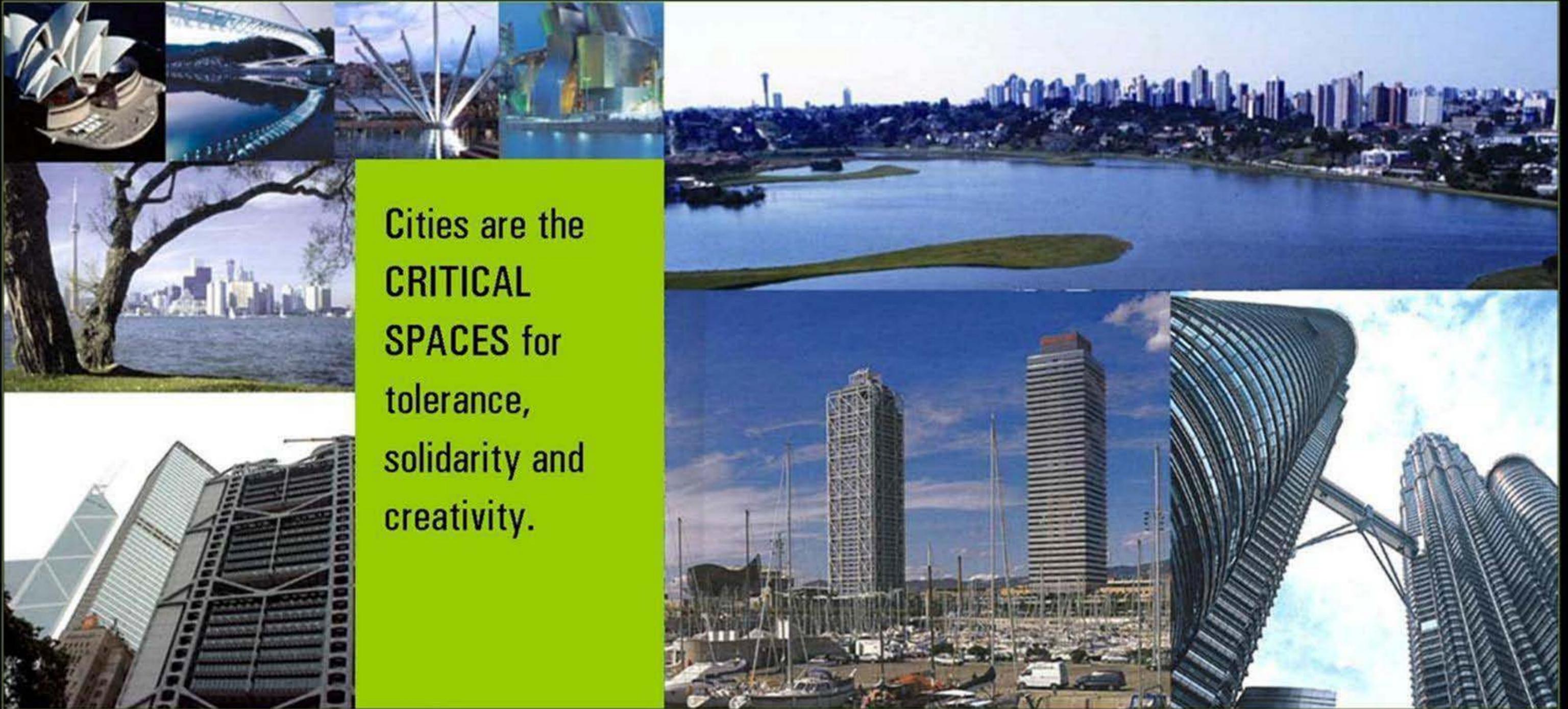
ECO BOX

BUILDING A SUSTAINABLE FUTURE

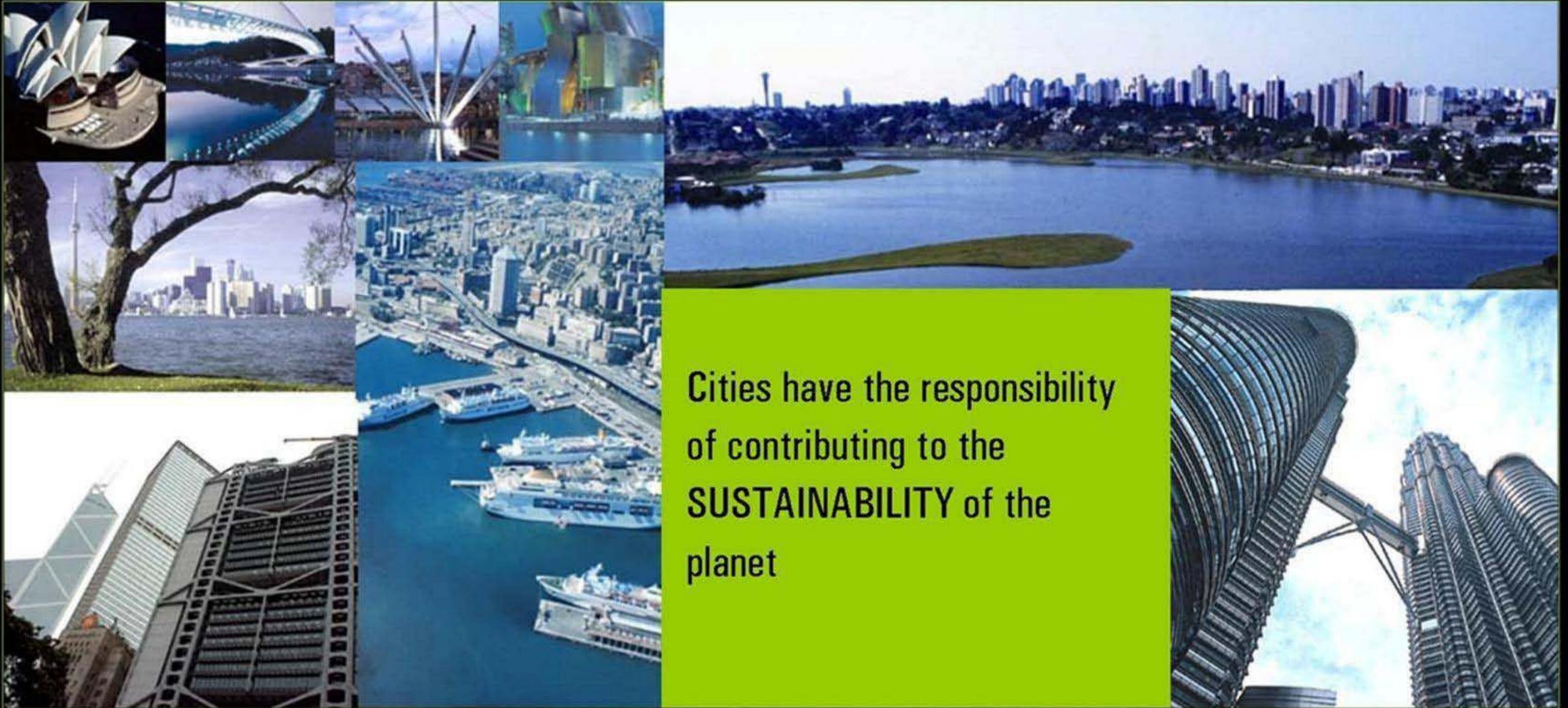




In today's
economy,
competition is not
between countries,
but between cities
and regions.



Cities are the
**CRITICAL
SPACES** for
tolerance,
solidarity and
creativity.



Cities have the responsibility
of contributing to the
SUSTAINABILITY of the
planet



Cities are not the
problem but the
SOLUTION for the
challenges of the
21th century.
CLIMATE CHANGE



NEW SCALE OF PLANNING

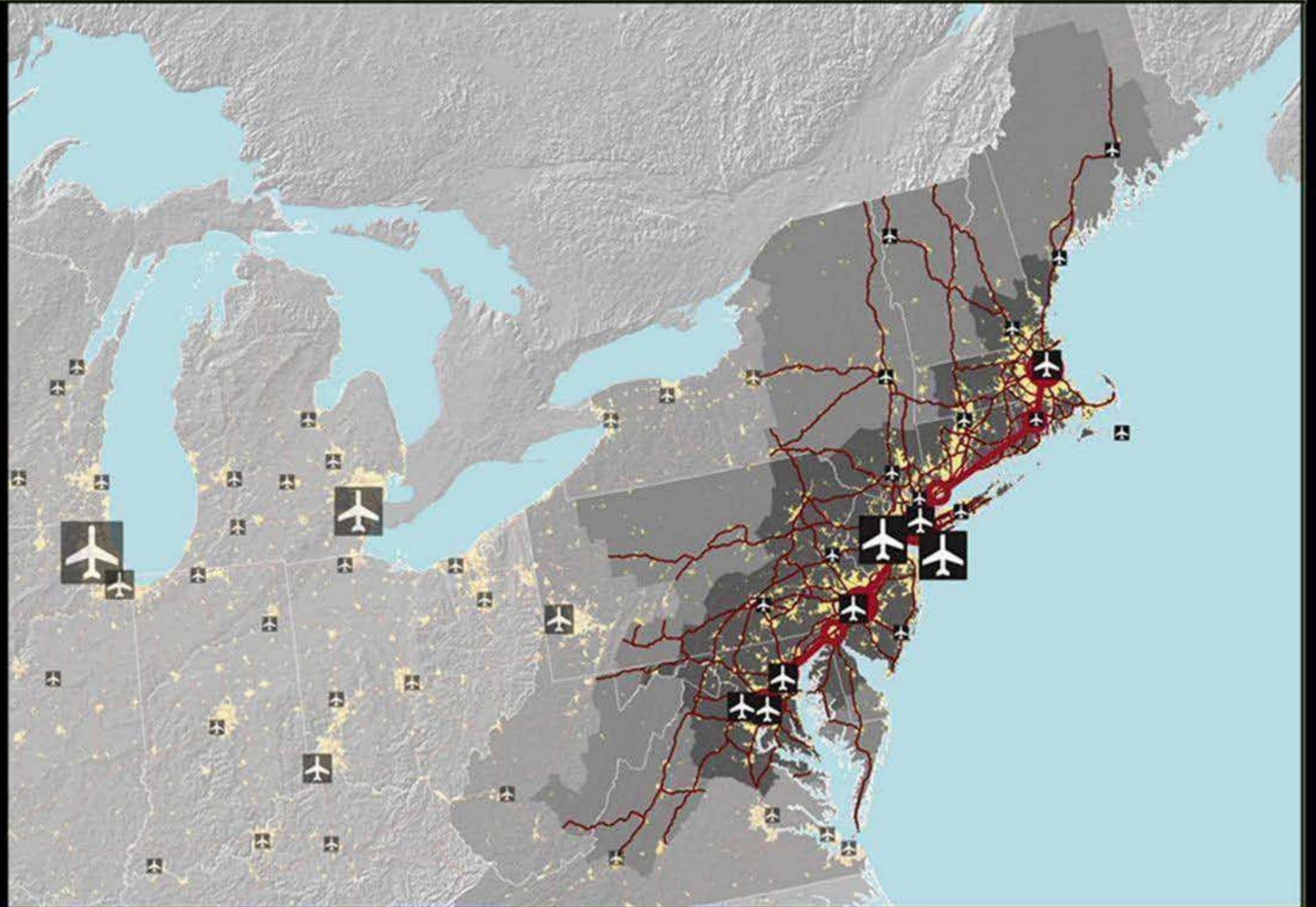


SUPERCITIES
10 Megaregions

SUPERCITIES
NORTHEAST ATLANTIC MEGAREGION



SUPERCITIES
NORTHEAST ATLANTIC MEGAREGION



SUPERCITIES
NORTHEAST ATLANTIC MEGAREGION





SUPERCITIES
10 Megaregions



BUILDING
THE
EUROPEAN
DIAGONAL

Diagonal

TTT FUNDACION METROPOLI

EUROPEAN DIAGONAL NETWORK



EUROPEAN DIAGONAL

Isochrones Analysis
4- hours total travel time
(High speed train)

LISBOA:

16 million people within reach

Map prepared by Fabio Casiroli,
Faculty of Architecture Milano Polytechnic



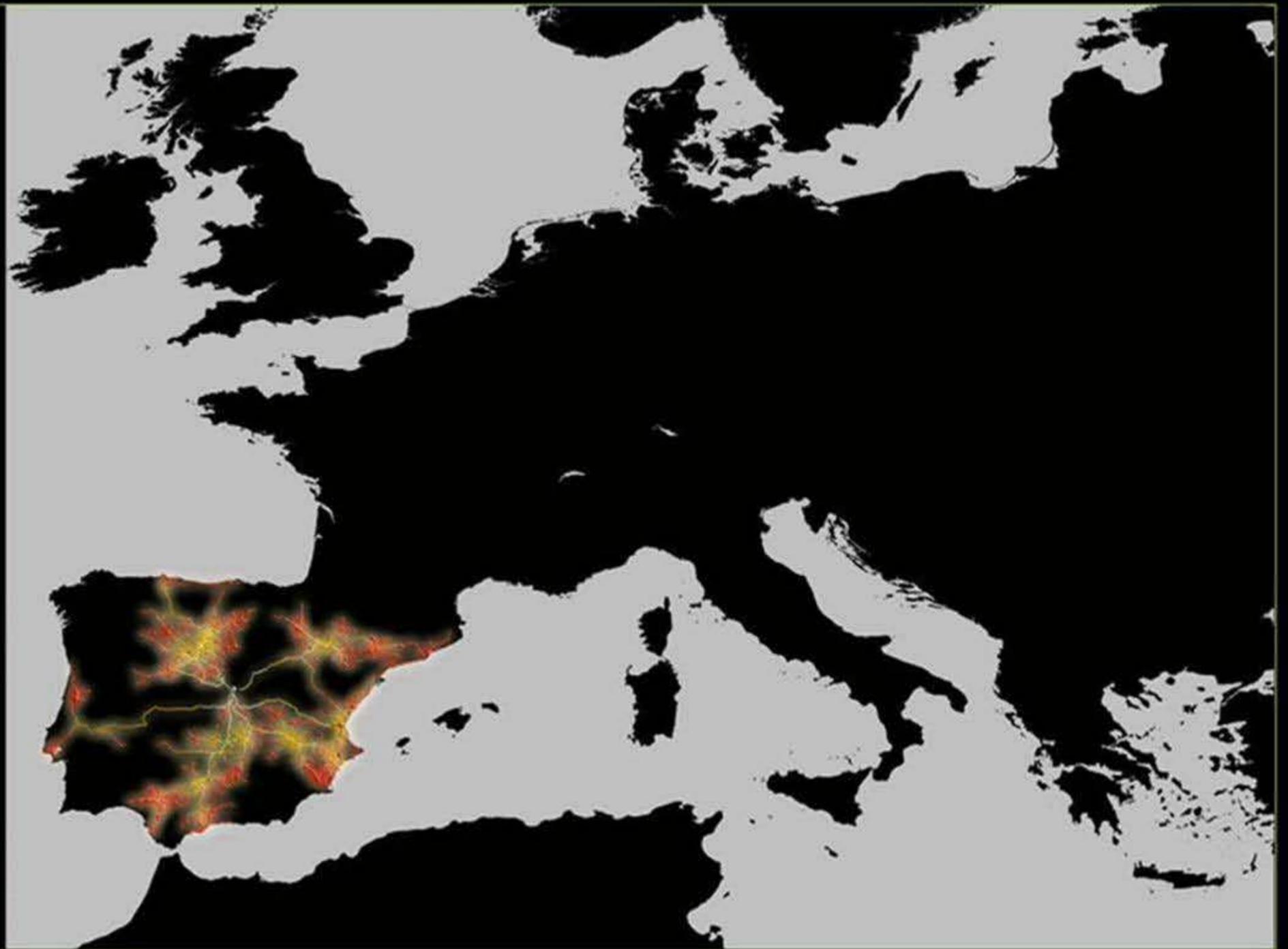
EUROPEAN DIAGONAL

Isochrones Analysis
4- hours total travel time
(High speed train)

MADRID:

32 million people within reach

Map prepared by Fabio Casiroli,
Faculty of Architecture Milano Polytechnic



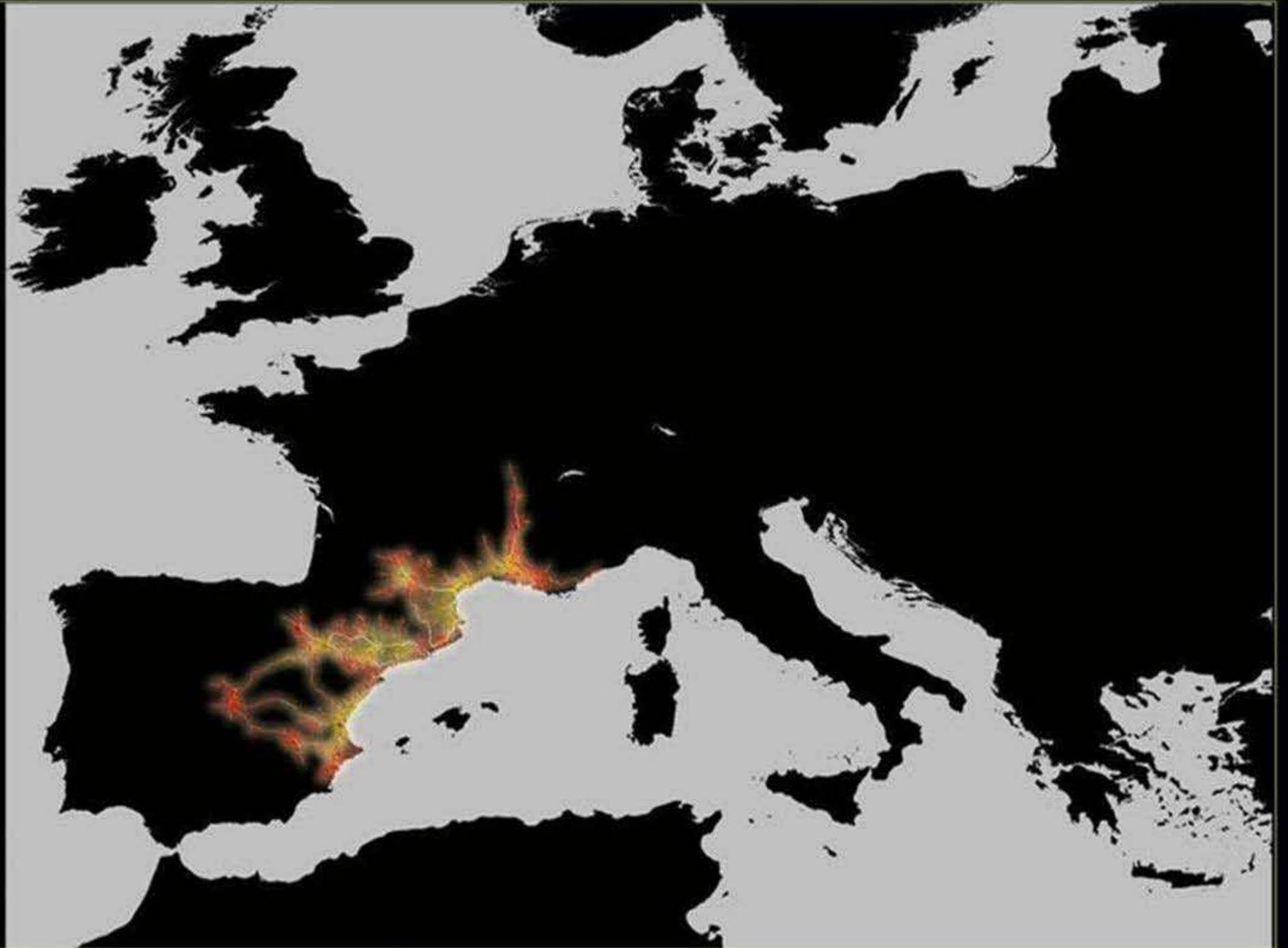
EUROPEAN DIAGONAL

Isochrones Analysis
4- hours total travel time
(High speed train)

BARCELONA:

29 million people within reach

Map prepared by Fabio Casiroli,
Faculty of Architecture Milano Polytechnic



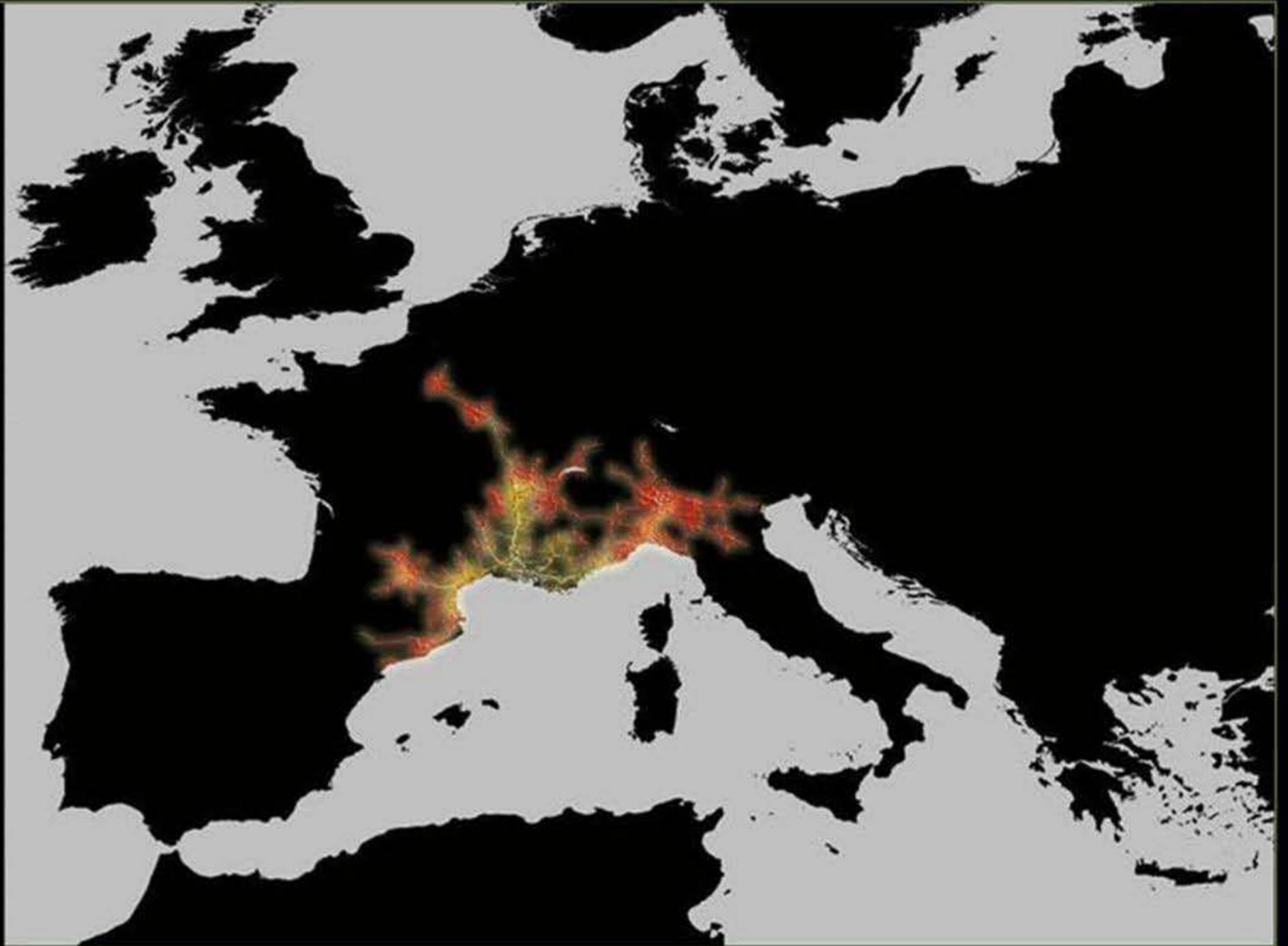
EUROPEAN DIAGONAL

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MARSELLA:

53 million people within reach

Map prepared by Fabio Casiroli,
Faculty of Architecture Milano Polytechnic



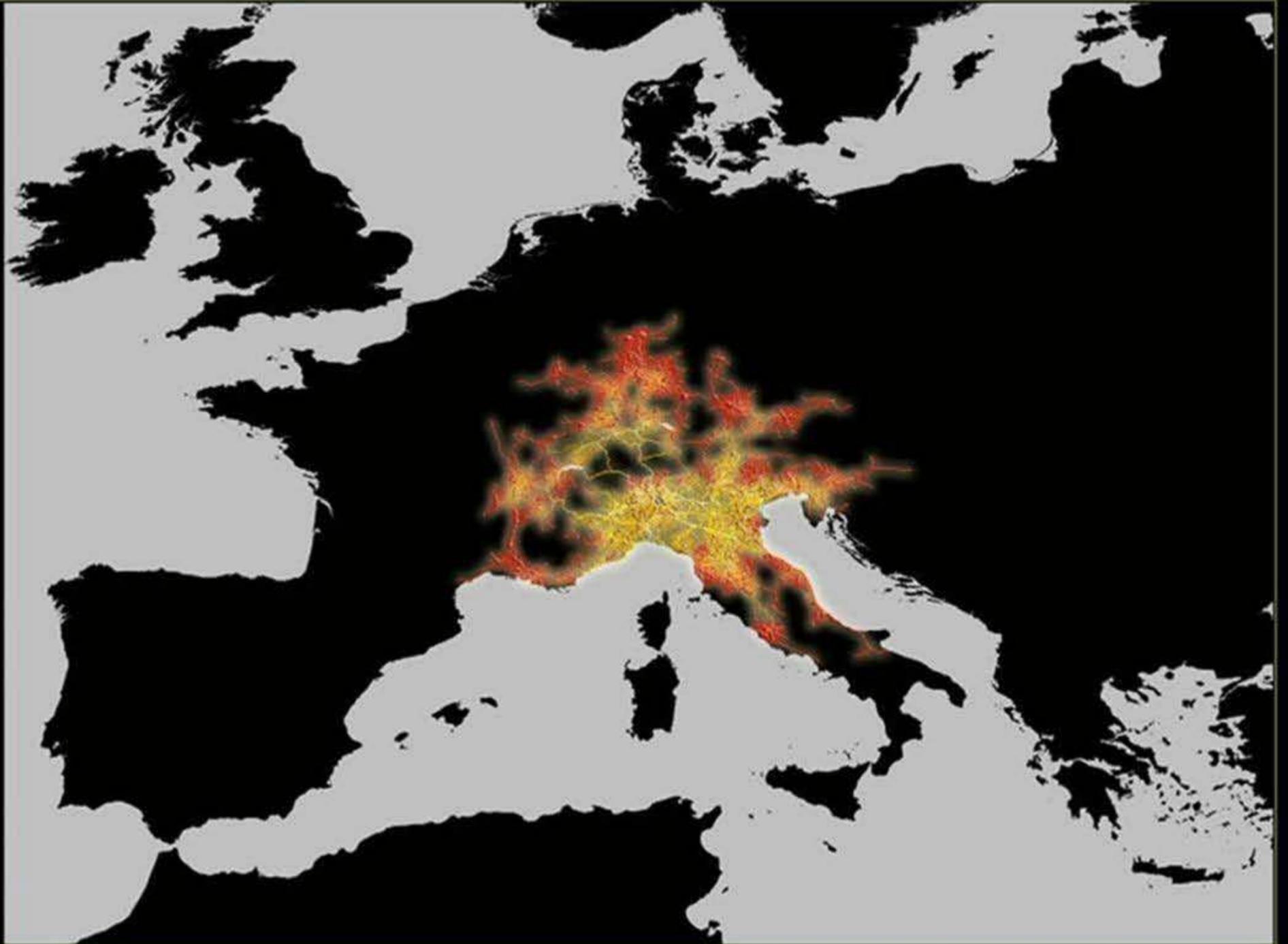
EUROPEAN DIAGONAL

Isochrones Analysis
4- hours total travel time
(High speed train)

MILAN:

80 million people within reach

Map prepared by Fabio Casiroli,
Faculty of Architecture Milano Polytechnic



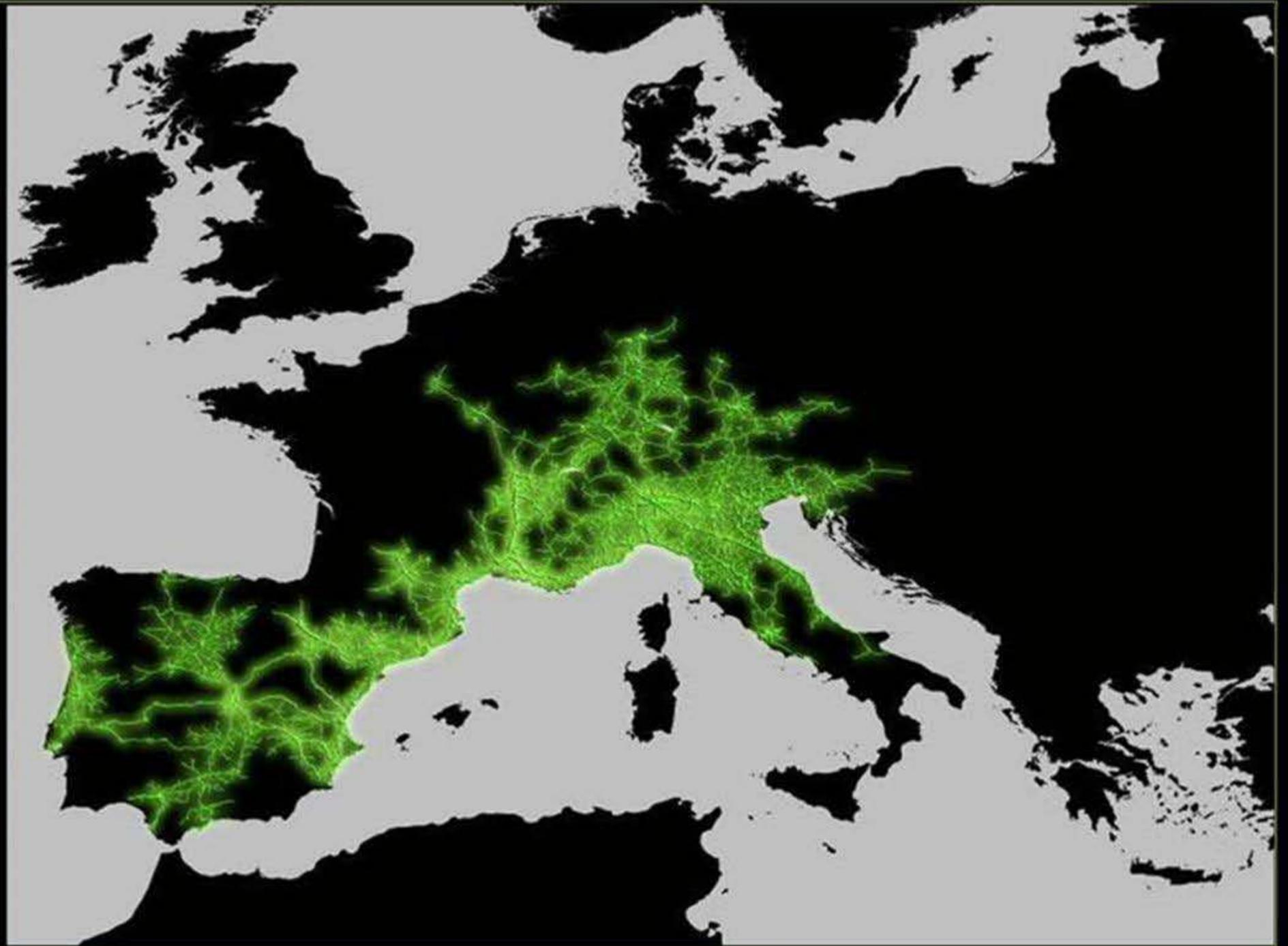
EUROPEAN DIAGONAL

Isochrones Analysis
4- hours total travel time
(High speed train)

DIAGONAL EUROPEA:

135 million people within reach

Map prepared by Fabio Casiroli,
Faculty of Architecture Milano Polytechnic



EUROPEAN DIAGONAL

Super City Hubs and Satellites





LISBON

“El proyecto de la Diagonal Europea abre un nuevo horizonte para Lisboa. Siempre hemos pensado en el papel de Lisboa como charnela de conexión entre la Península Ibérica y América Latina, especialmente ‘la conexión’ con Brasil y África. Es más, la capital portuguesa es la Puerta Atlántica de la Diagonal Europea.”

ANTONIO LUIS SANTOS DA COSTA | *Alcalde de Lisboa*

MADRID

“Los nuevos ejes de conexión con Lisboa y Barcelona abren para Madrid opciones de cooperación y complementariedad económica, que eran impensables hace tan solo una década. Madrid es un referente en las estrategias de conexión entre Europa y América Latina, lo cual supone un activo fundamental para el conjunto de ciudades de la Diagonal.”

ALBERTO RUIZ GALLARDÓN | *Alcalde de Madrid*



BARCELONA

“Barcelona es una ciudad mediterránea e innovadora, que ha realizado avances formidables en la transformación de la ciudad en los últimos 20 años. Barcelona va a estar magníficamente conectada con las ciudades de la Diagonal y va a fortalecer sus conexiones globales, articulando un espacio que pretende liderar desde el punto de vista cultural y económico del sur de Europa.”

JORDI HEREU BOHER | *Alcalde de Barcelona*



MILAN

“Milán, localizada en la intersección entre la Diagonal Europea y la cresta morfológica continental, juega un papel importante en el sistema de corredores trans-europeos. Compartimos la visión de la Diagonal Europea en la que Milán puede hacer una gran contribución.

LETIZIA MORATTI | *Alcaldesa de Milán*

EUROPEAN DIAGONAL

Super City Hubs and Satellites



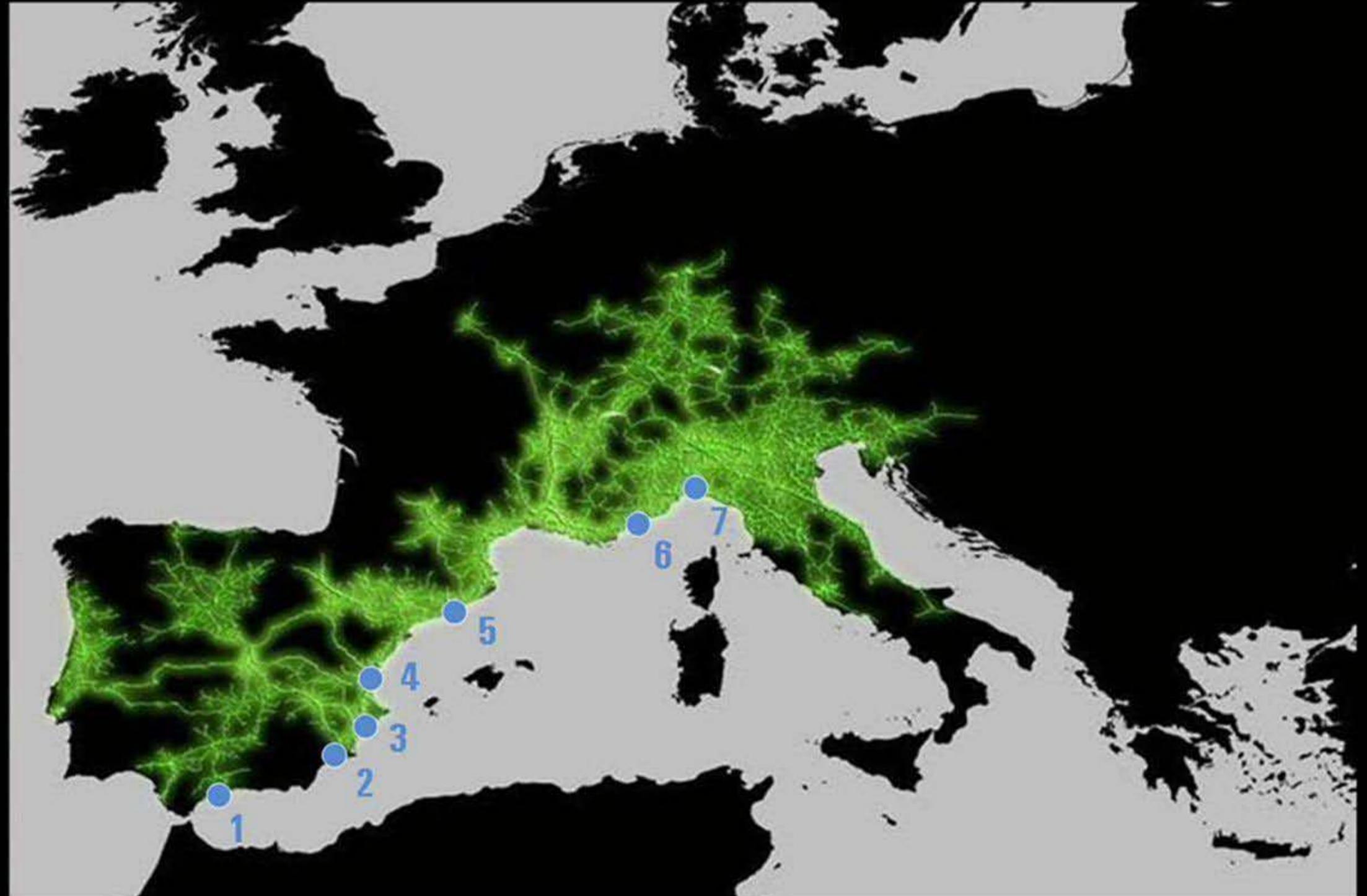
Mediterráneo

TEC

TTI FUNDACION METROPOLI

Ciudades tecnológicas del Mediterráneo

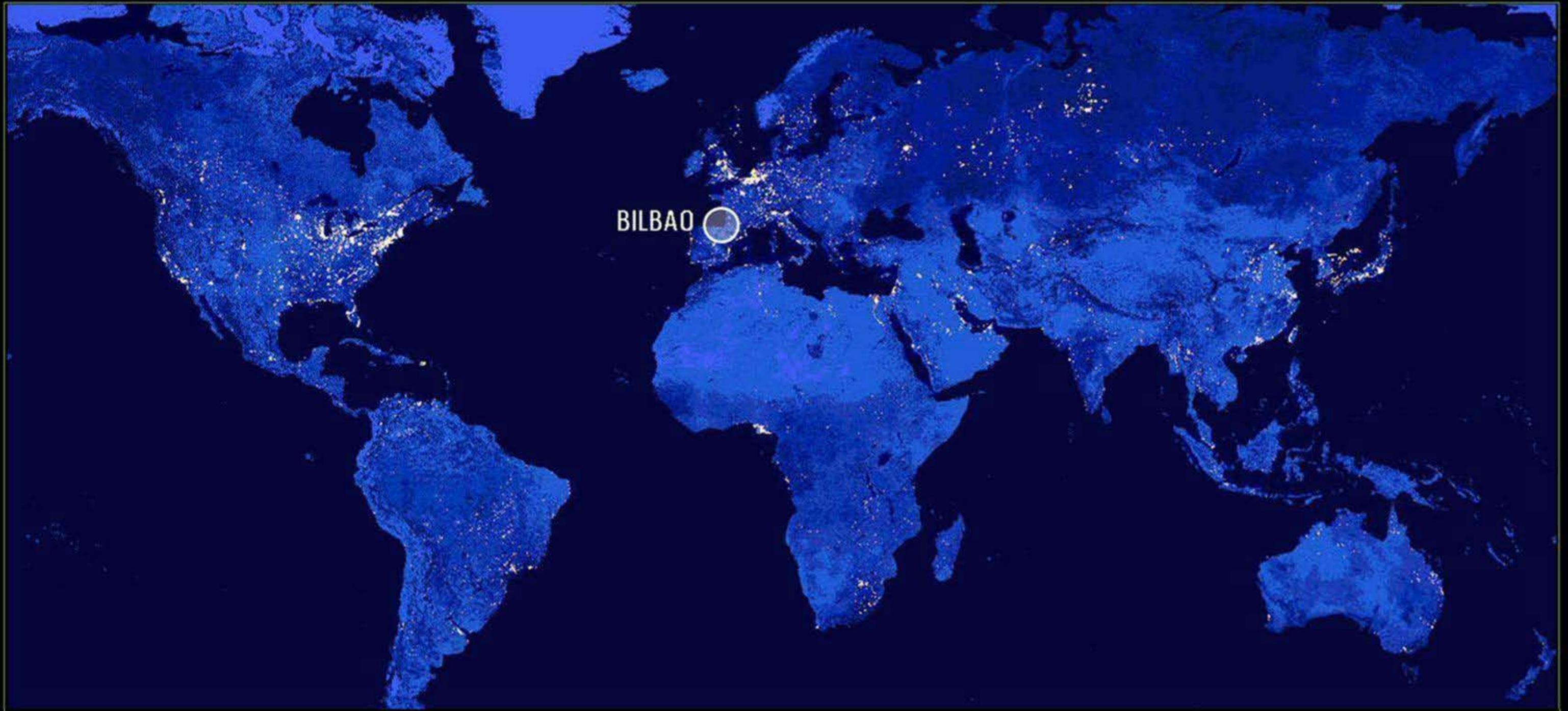
1. Málaga-Marbella
2. Territorio M@C
3. Alicante-Elche
4. Valencia-Valle del Turia
5. Barcelona-Sitges
6. Marsella-Niza
7. Milán-Génova-Turín







INNOVATIVE CITIES

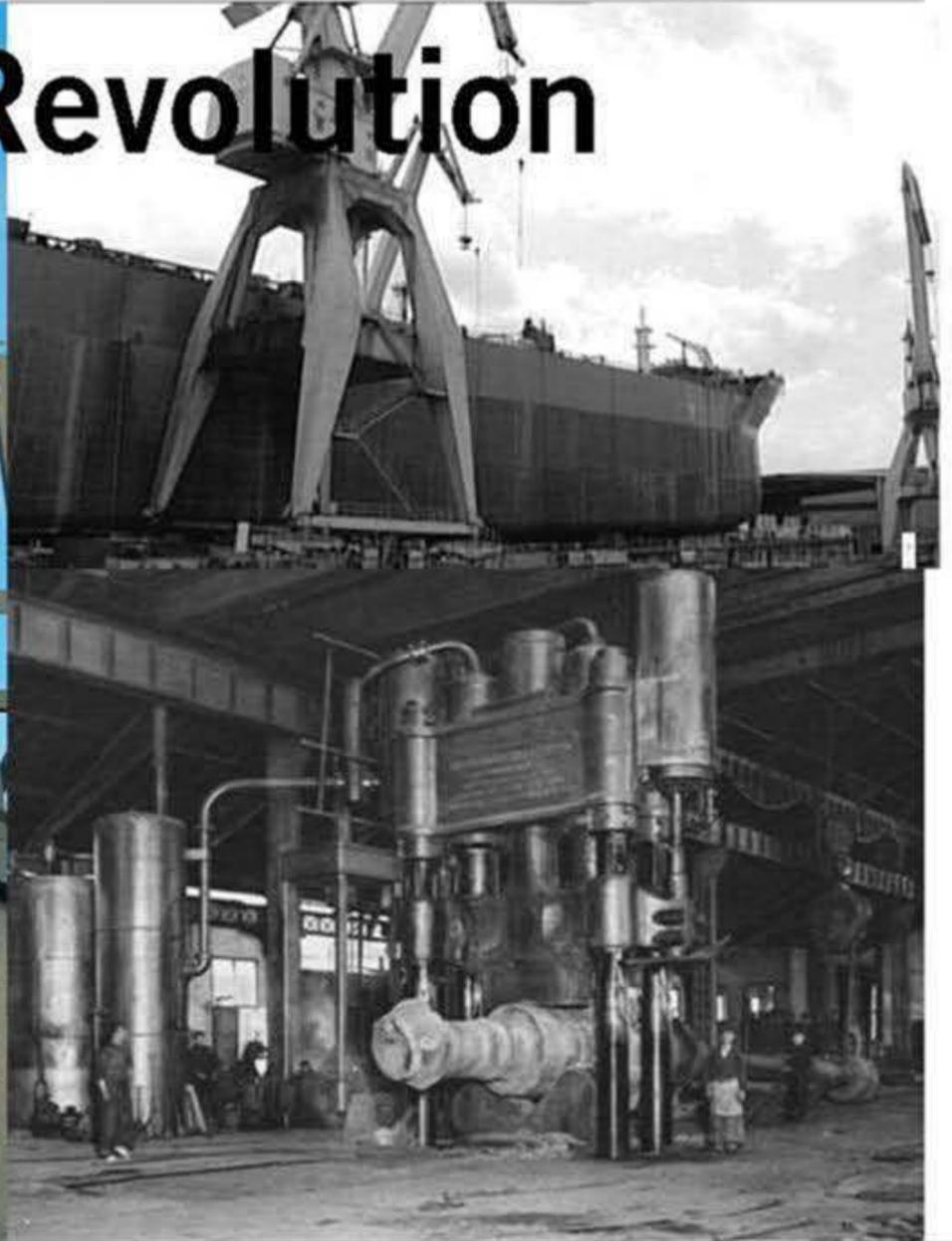
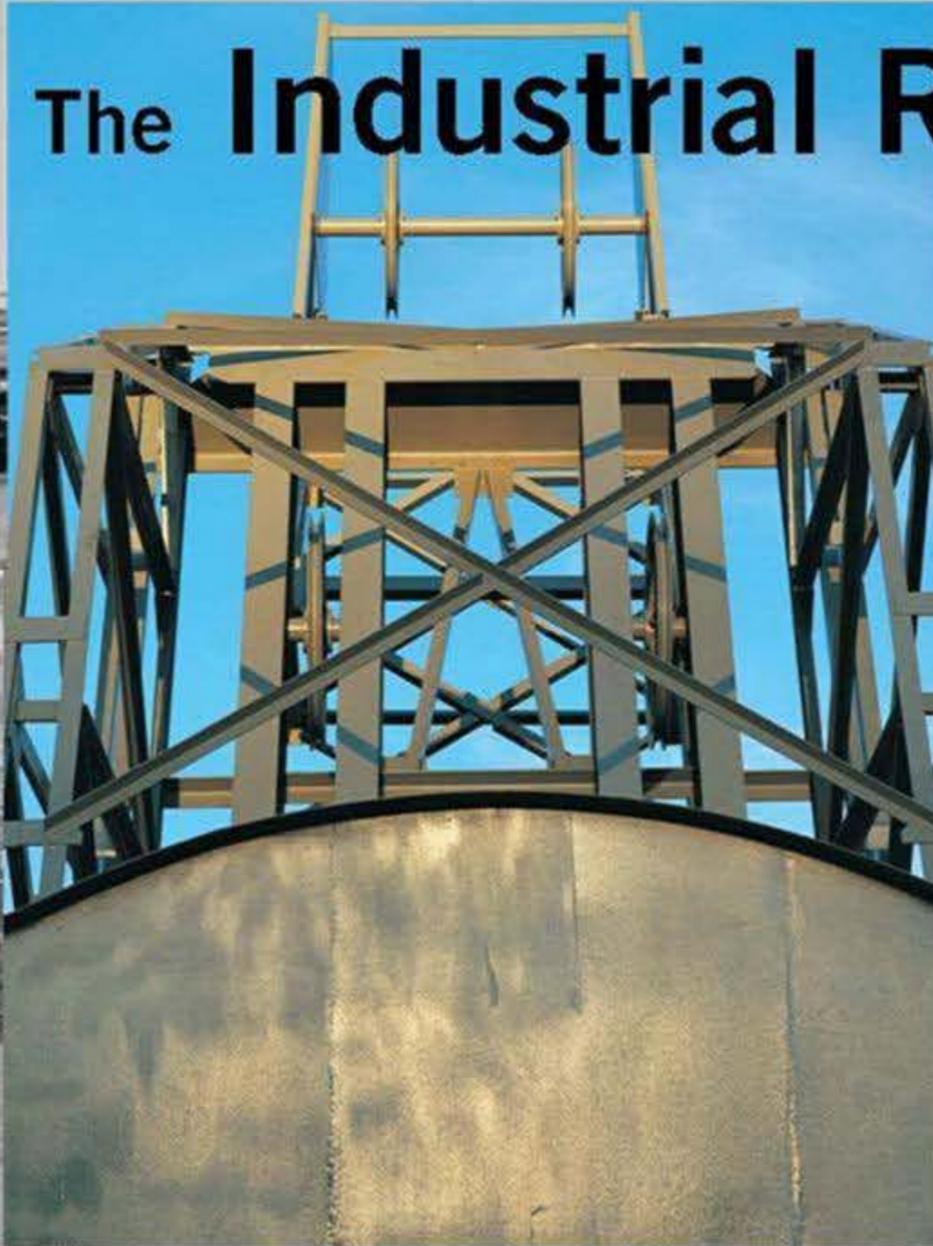
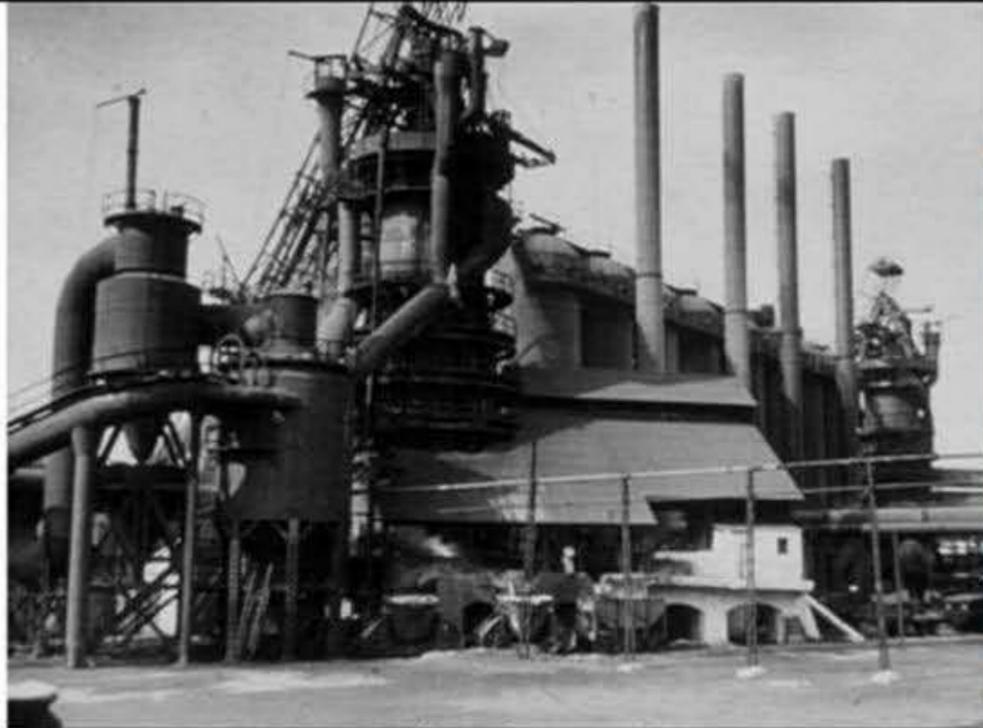




Bilbao GUGGENHEIM ++

Shanghai World Expo 2010
Better City, Better Life

The Industrial Revolution

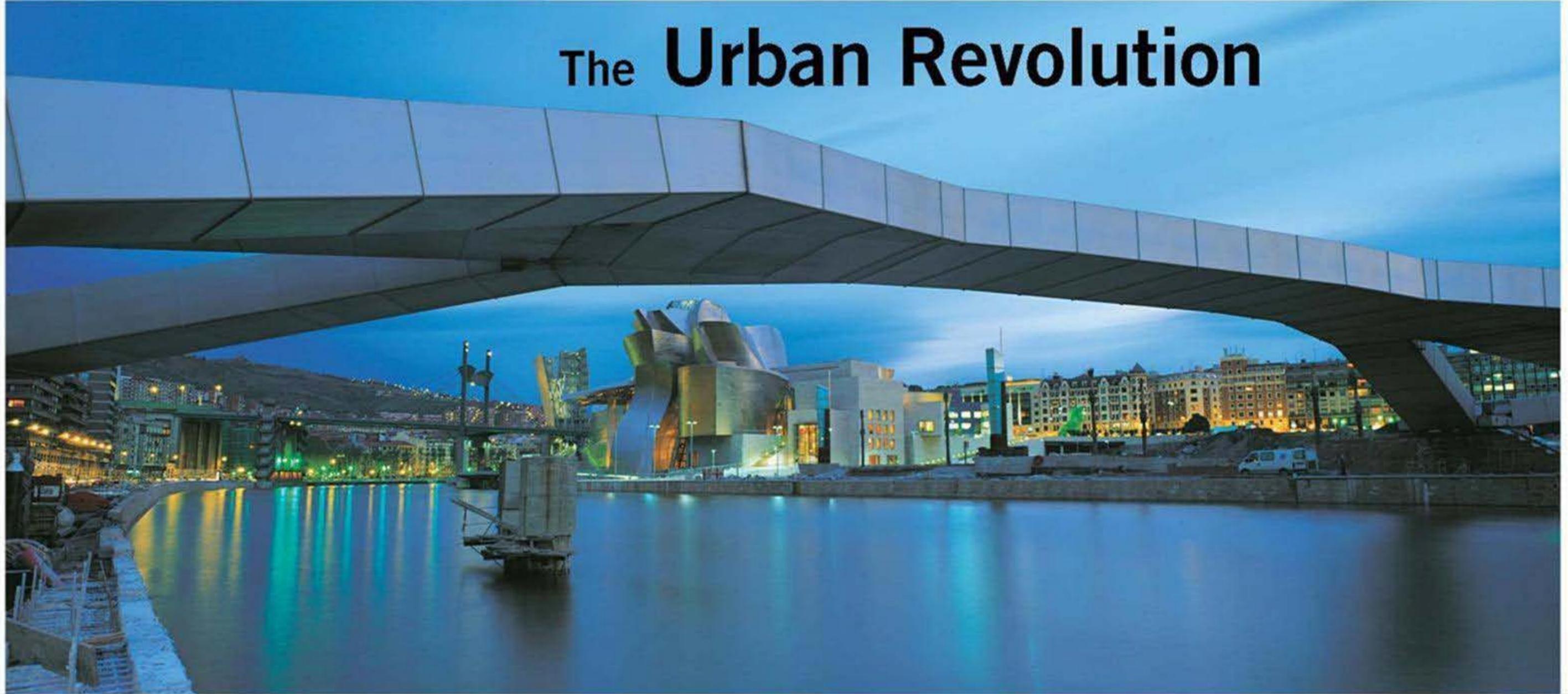




Bilbao GUGGENHEIM ++

Shanghai World Expo 2010
Better City, Better Life

The Urban Revolution



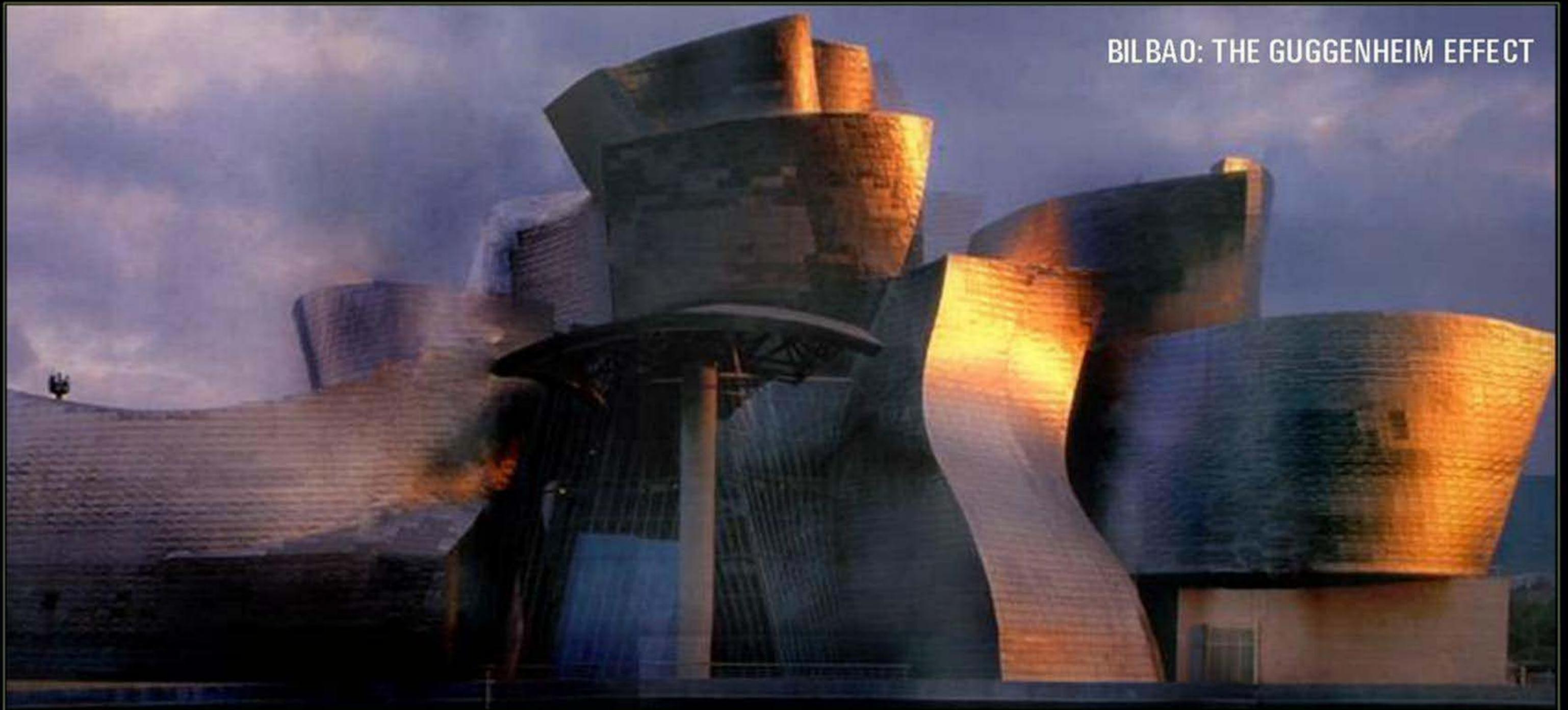


Bilbao GUGGENHEIM ++

Shanghai World Expo 2010
Better City, Better Life

The Knowledge Revolution

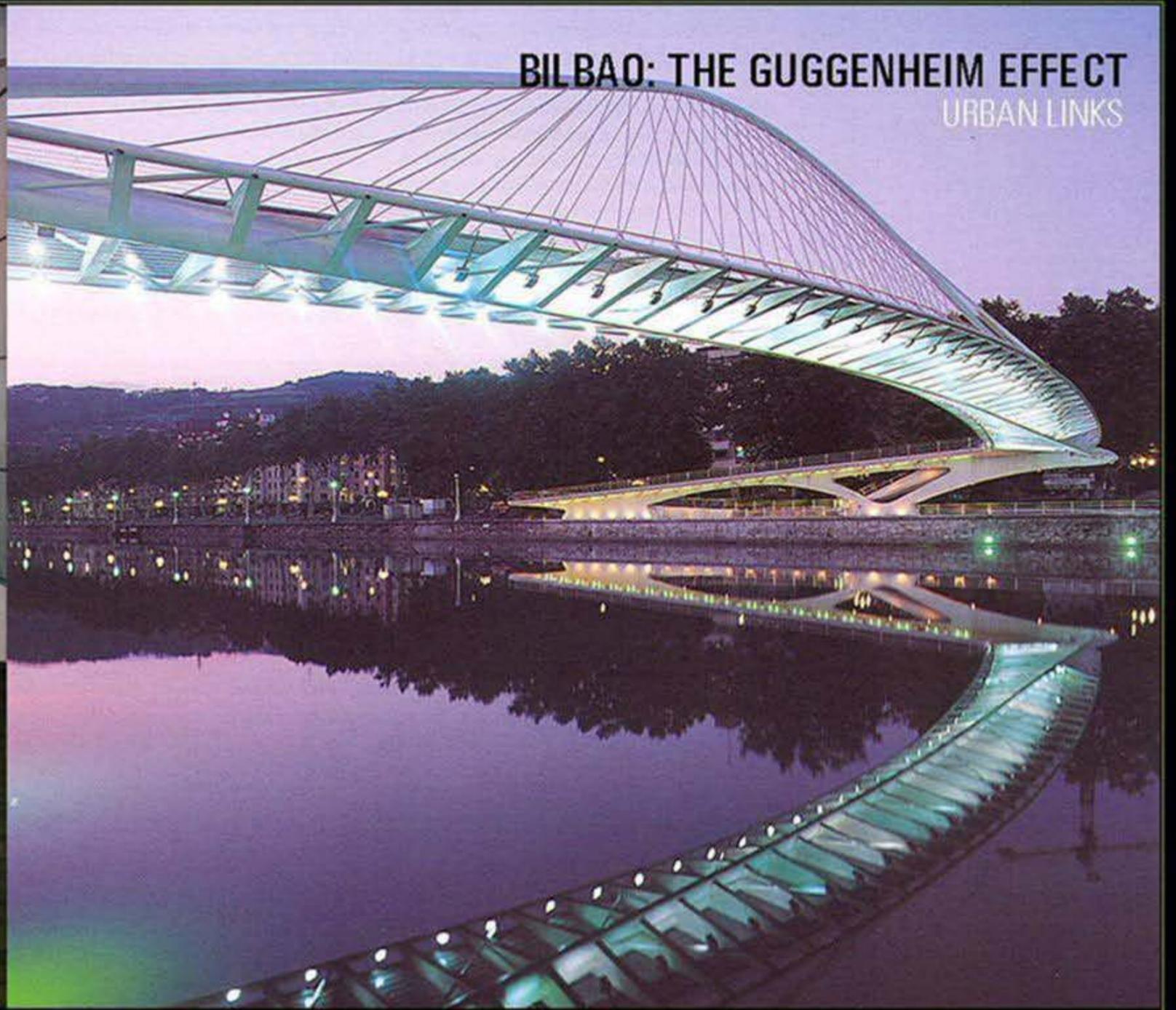




BILBAO: THE GUGGENHEIM EFFECT

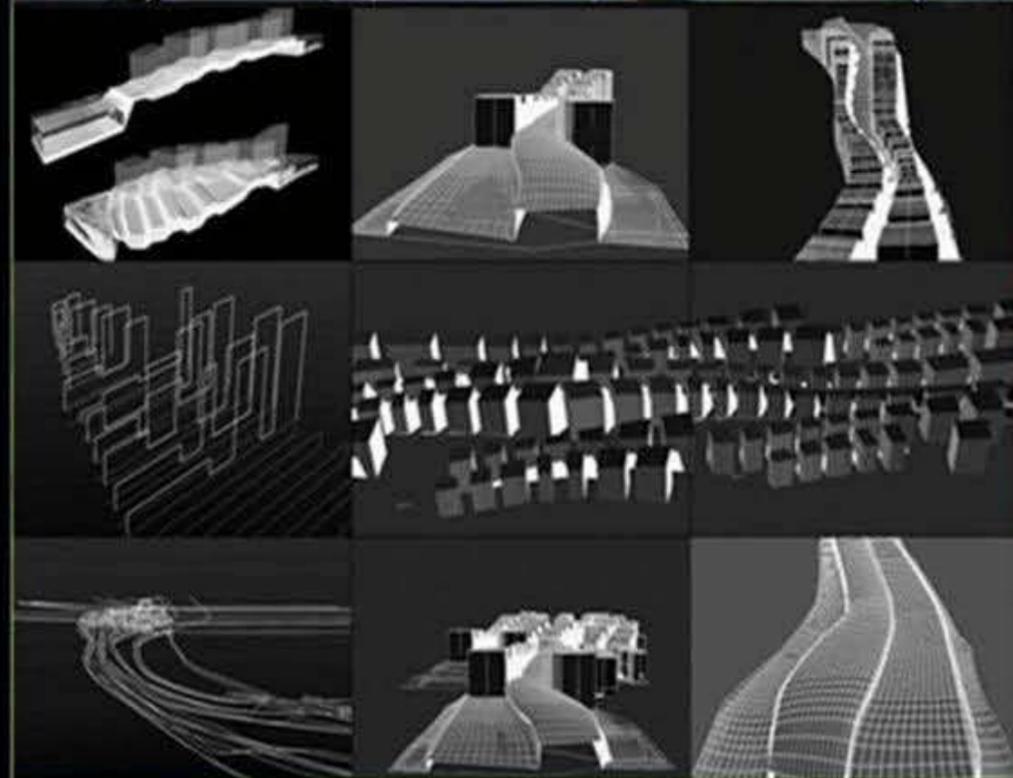
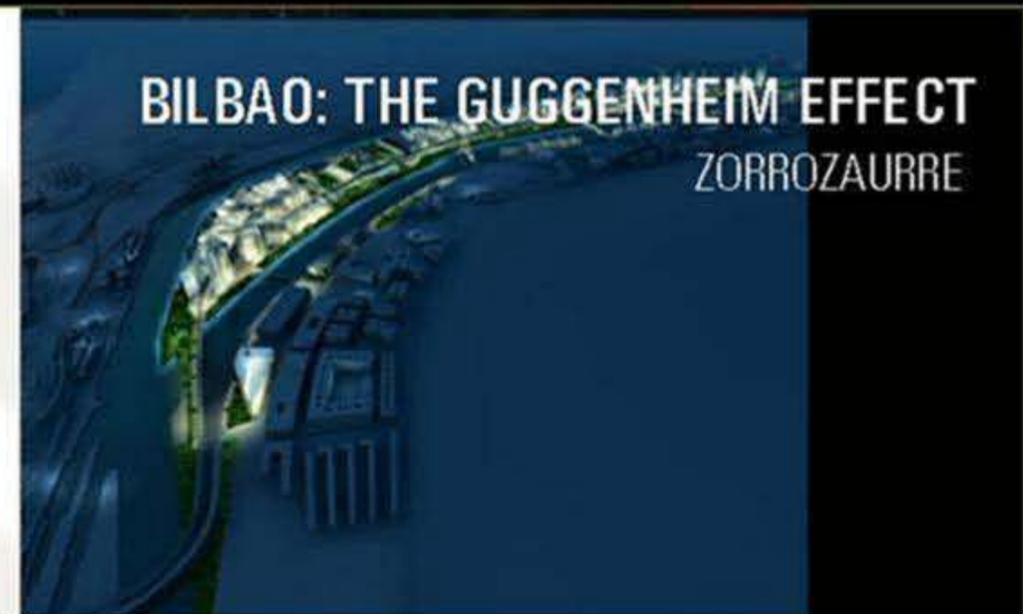
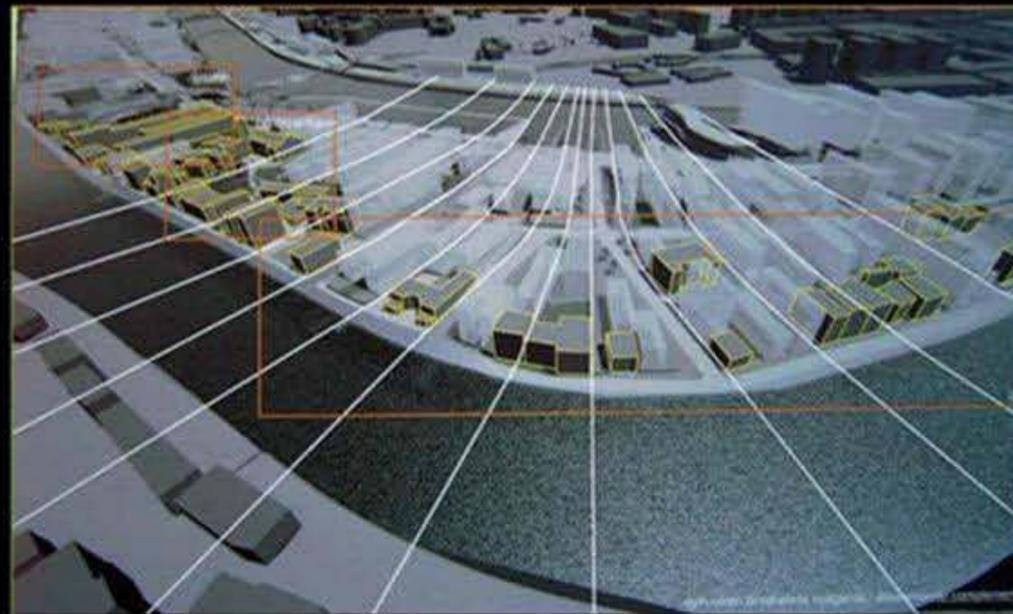


Architecture of excellence



BILBAO: THE GUGGENHEIM EFFECT





Shanghai World Expo 2010
Better City, Better Life



Bilbao GUGGENHEIM ++

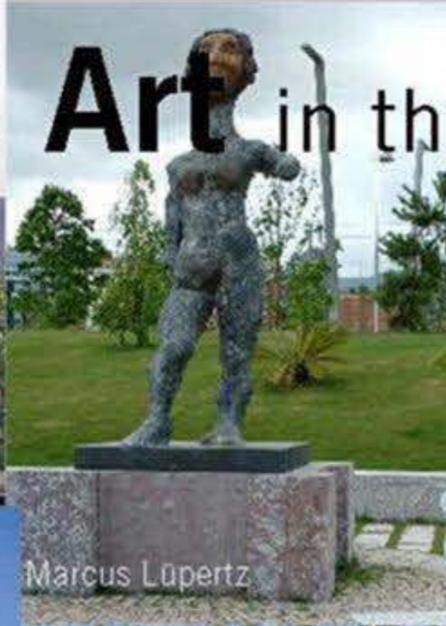
23 Art in the City



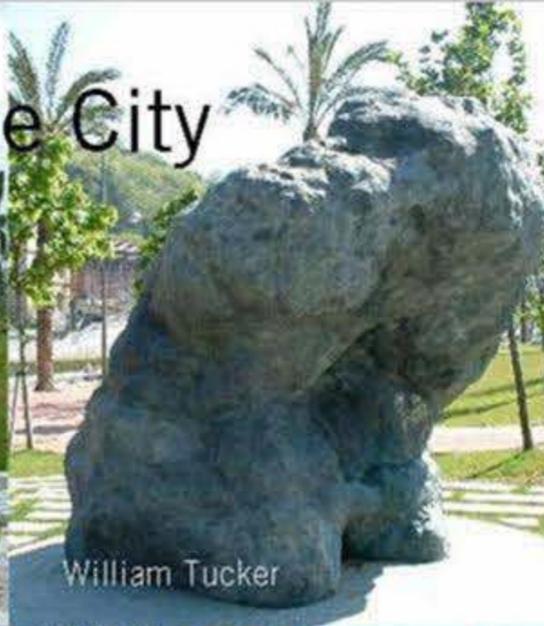
Salvador Dalí



Jeff Koons



Marcus Lüpertz



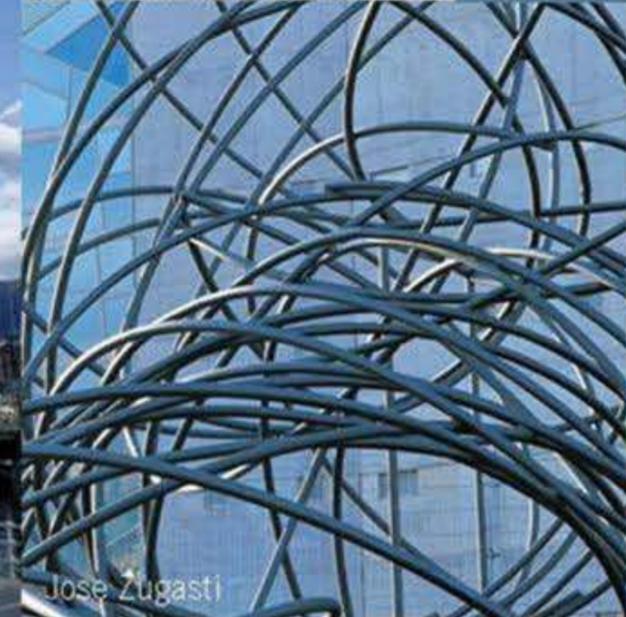
William Tucker



Ulrich Rückriem



Jorge Oteiza



Jose Zugasti



Madolo Valdes - Vargas Llosa



Louise Bourgeois

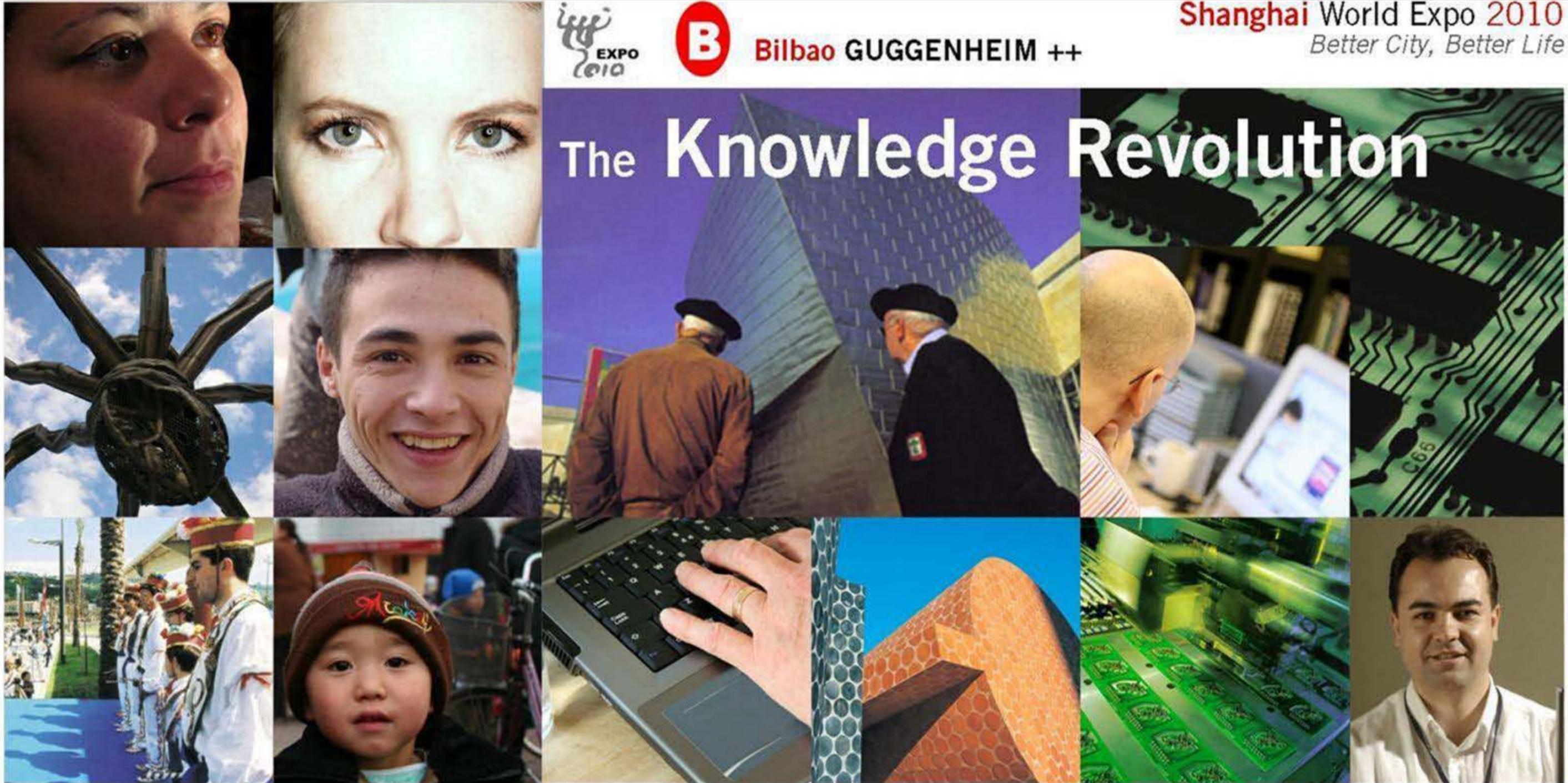


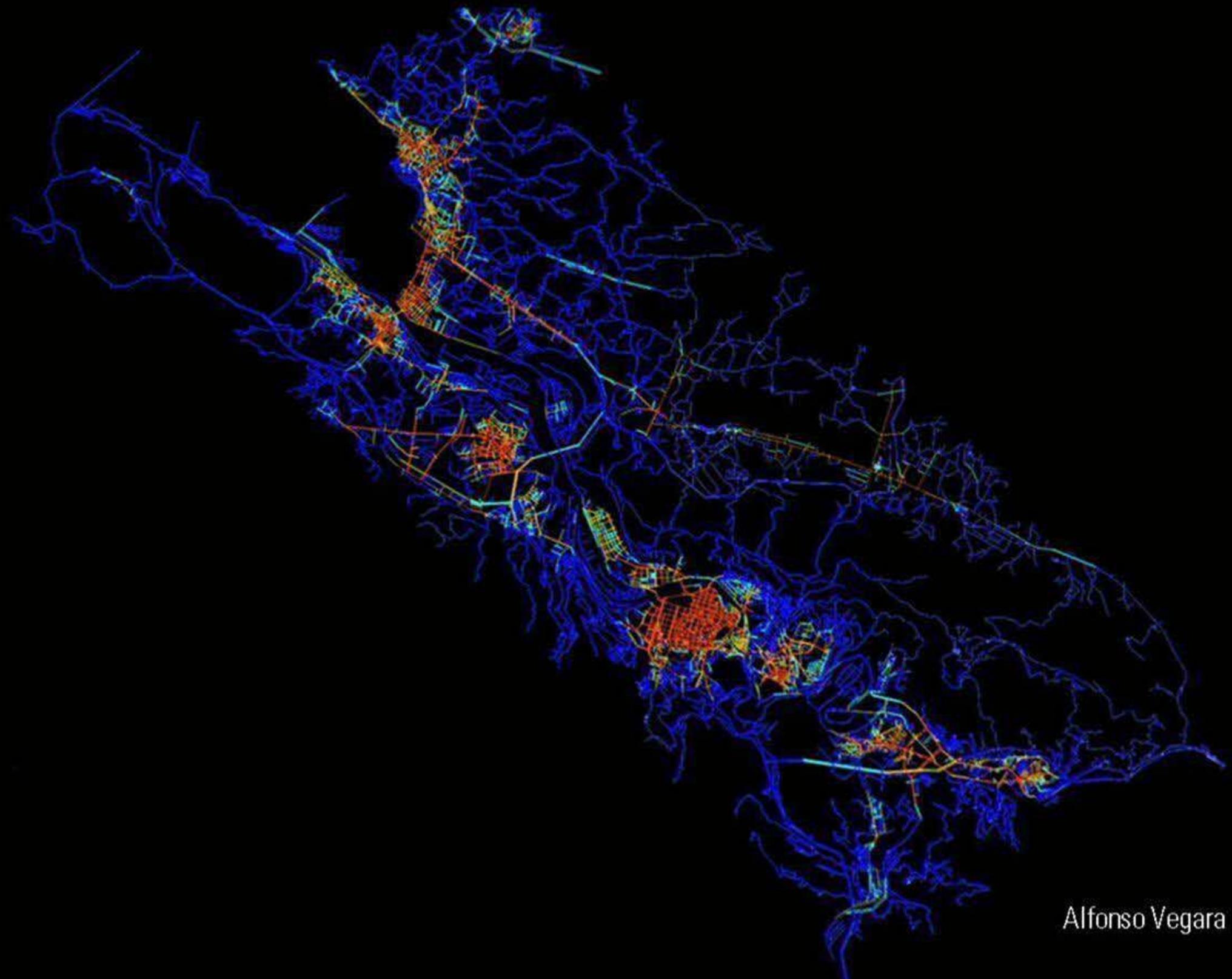
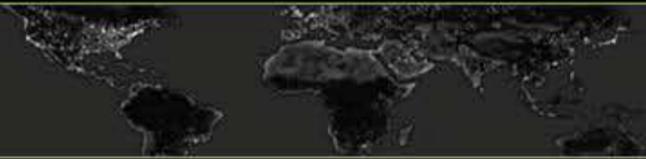


Bilbao GUGGENHEIM ++

Shanghai World Expo 2010
Better City, Better Life

The Knowledge Revolution

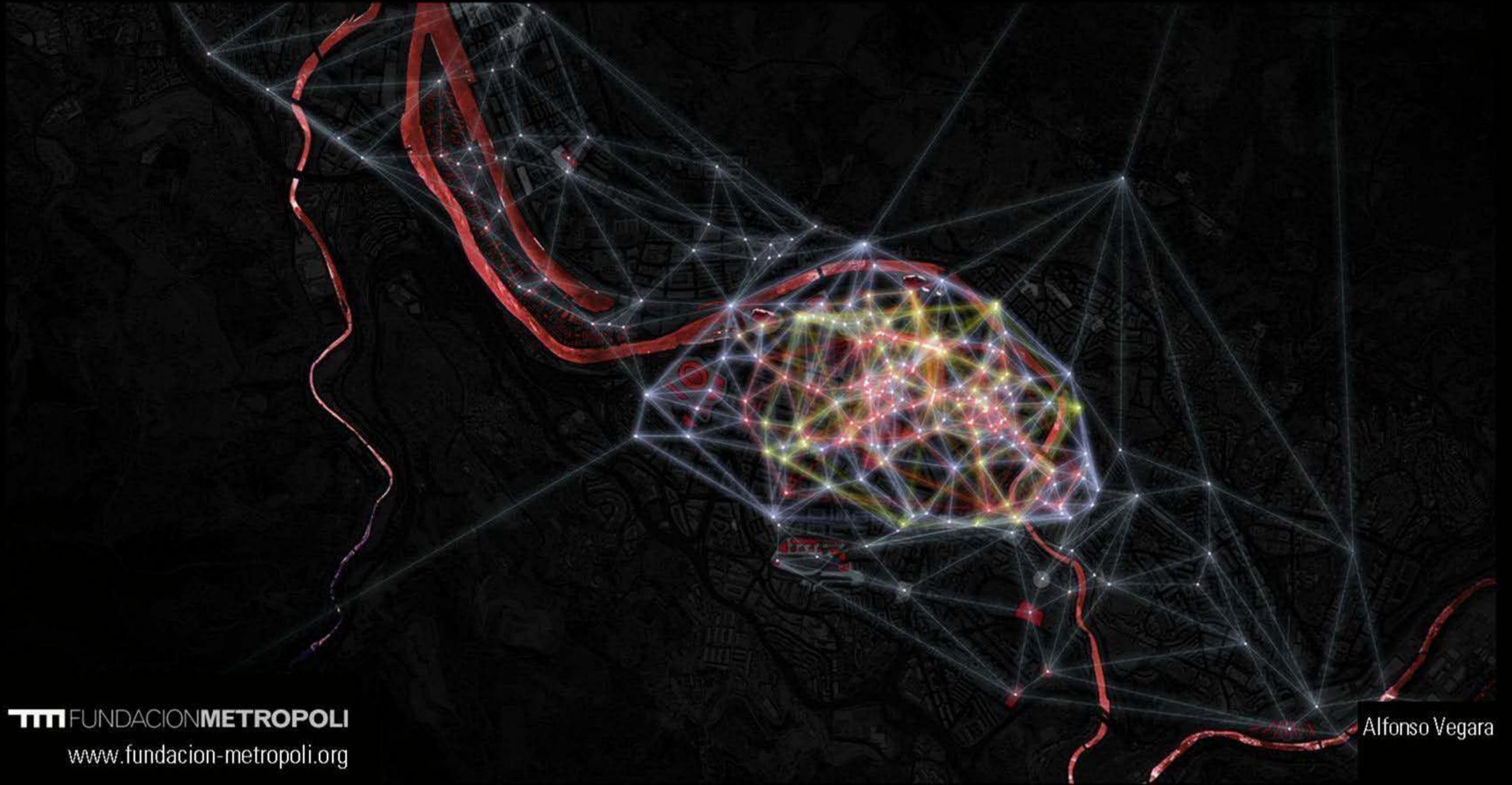


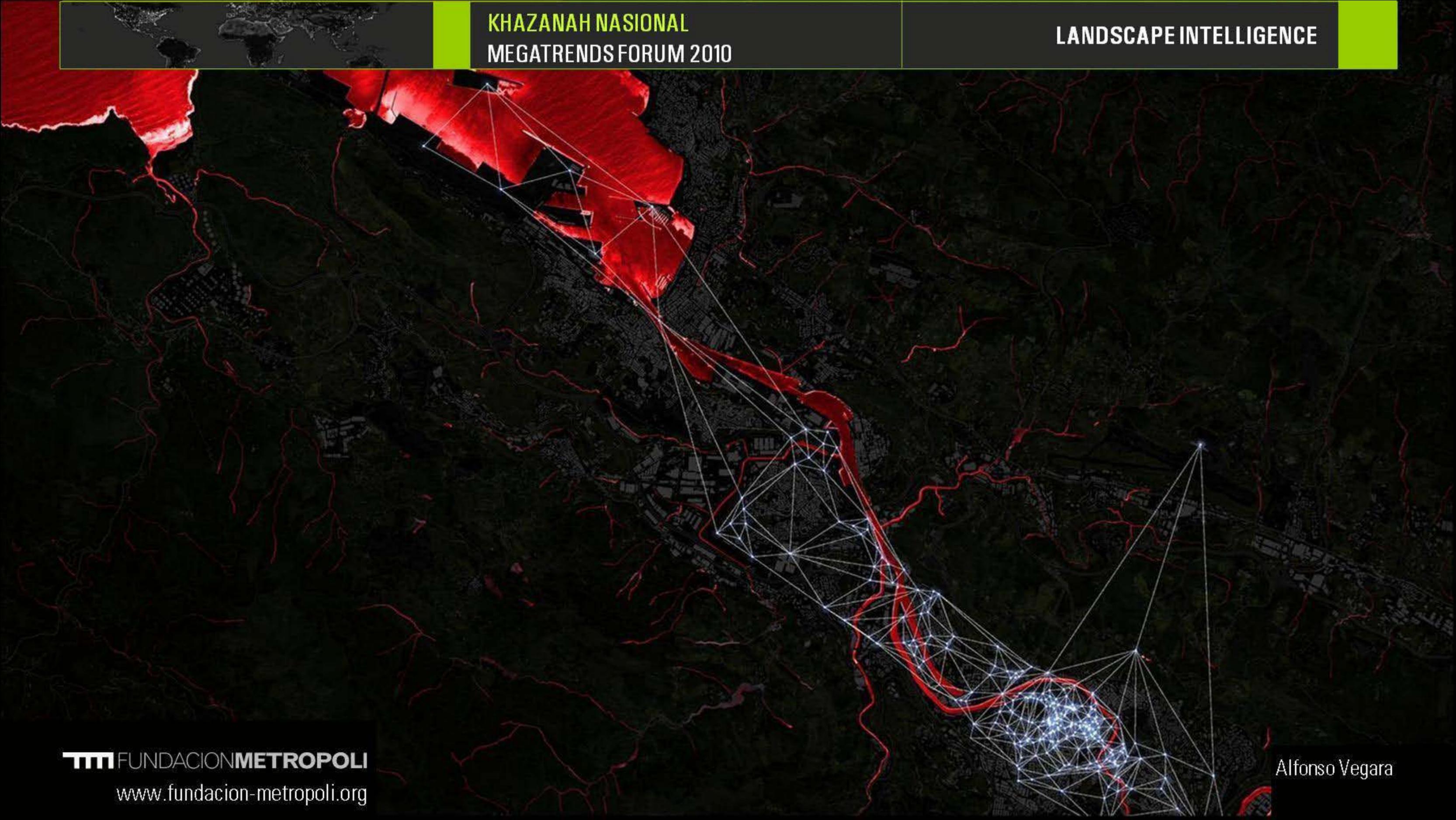


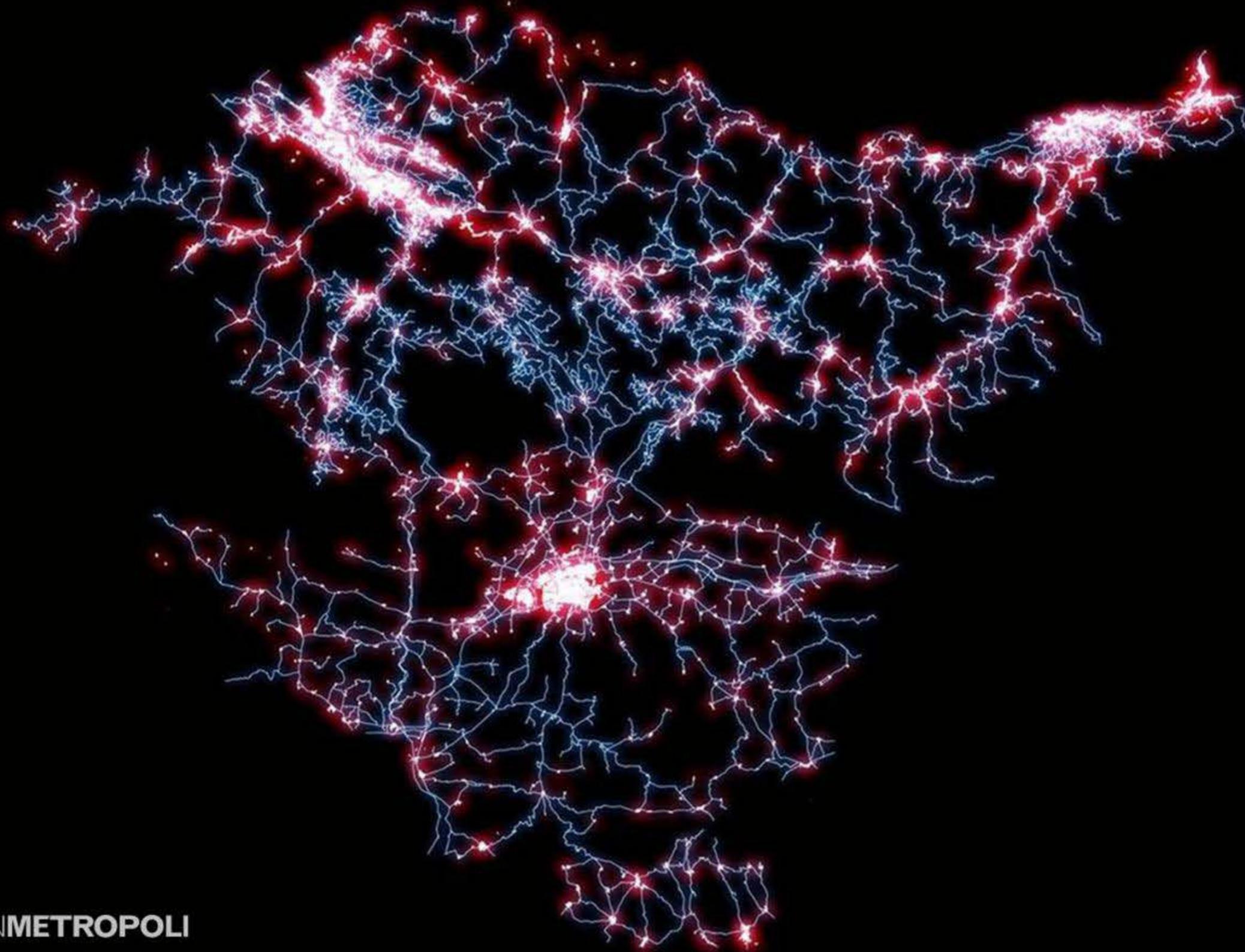


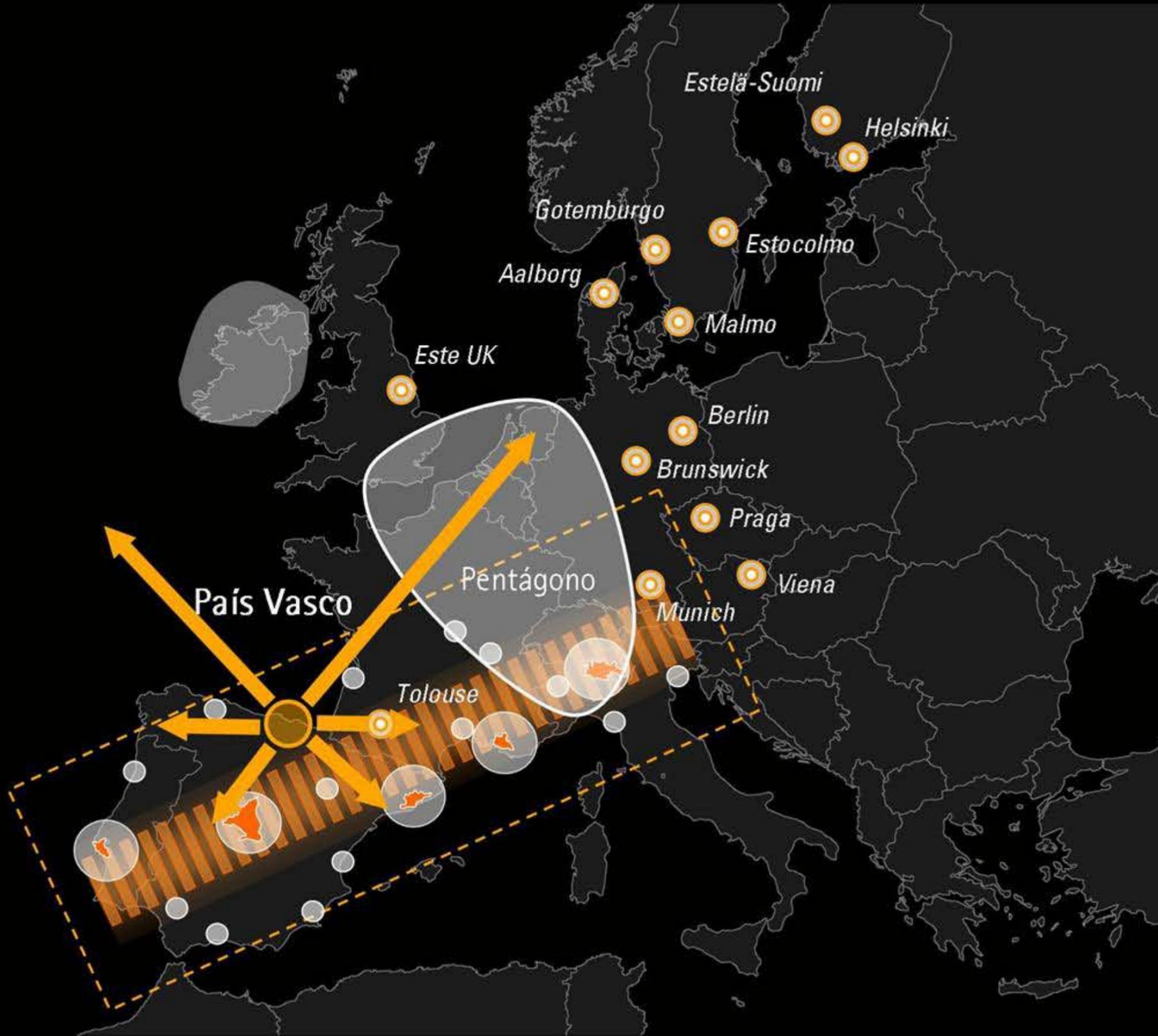






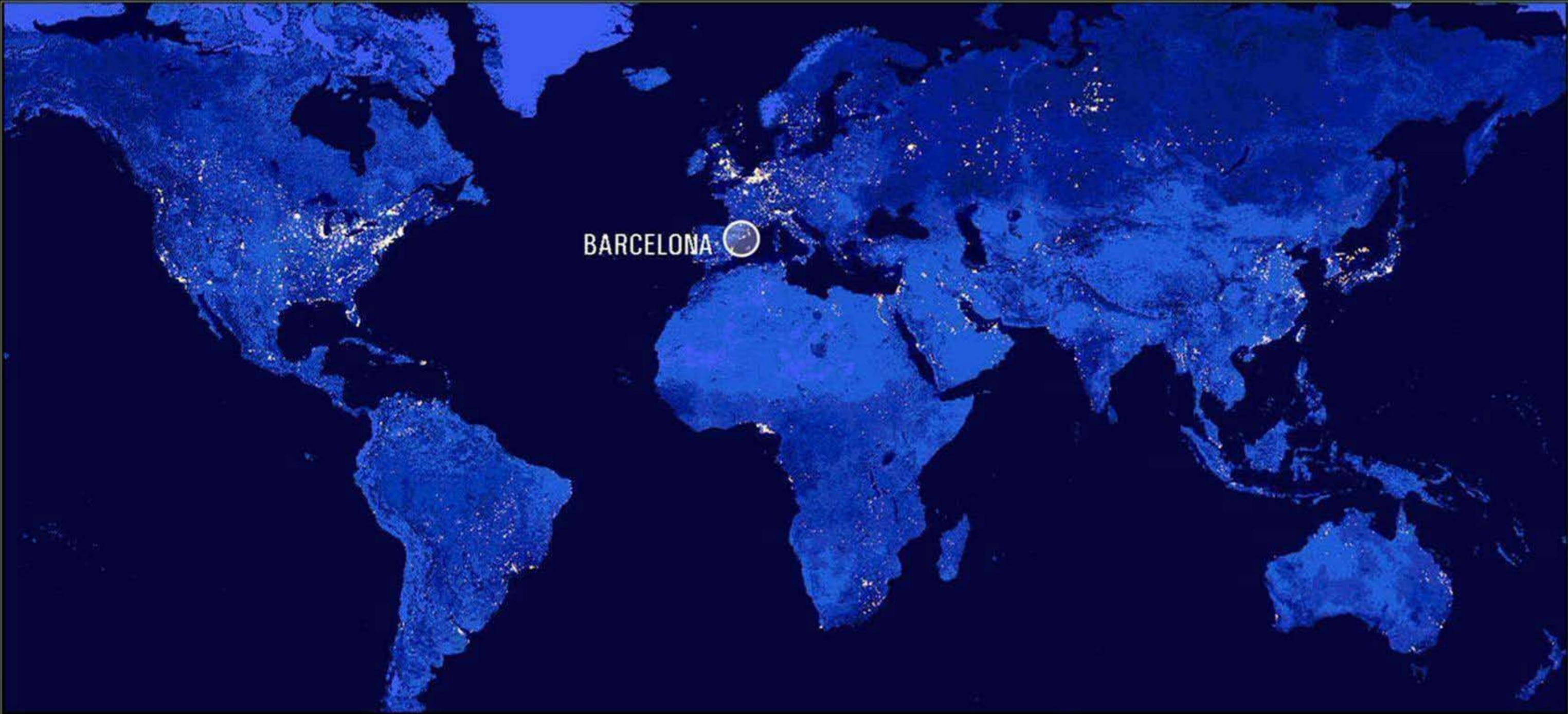






Euskal Hiria PLUS

PROGRAMA DE LIDERAZGO URBANO ESTRATÉGICO

A world map rendered in shades of blue, showing the outlines of continents. The city of Barcelona is highlighted with a white circle and the word "BARCELONA" is written in white capital letters to its left. The map is centered on Europe, with Africa to the south and Asia to the east.

BARCELONA

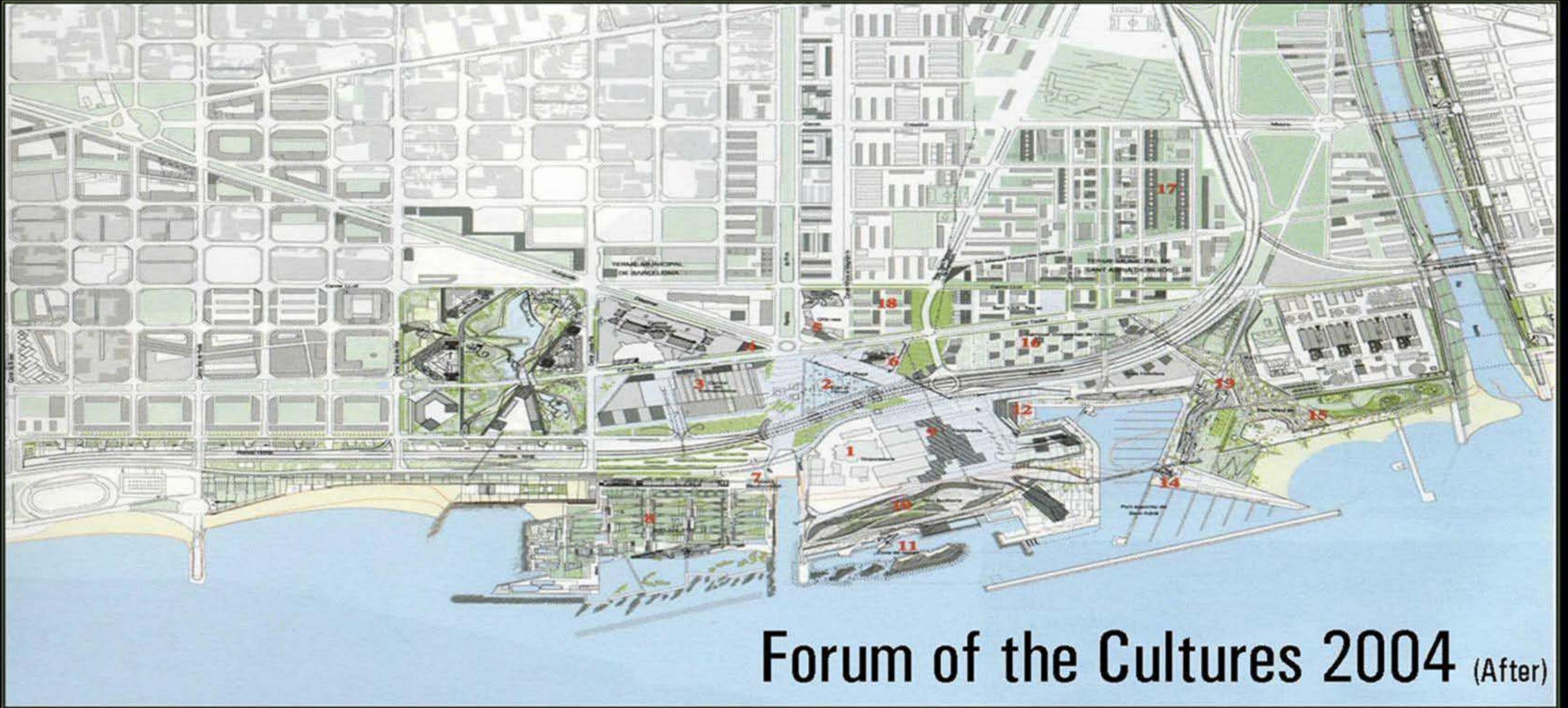




Olympic Village 1992 / Waterfront



Forum of the Cultures 2004 (Before)



Forum of the Cultures 2004 (After)

Ecosystem of Innovation





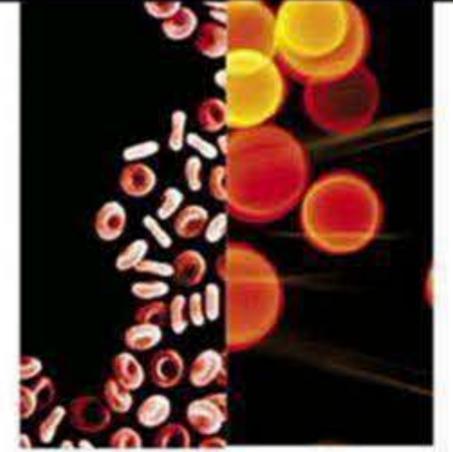
22@Barcelona
The innovation district

A new space for
knowledge and people
within your reach...

Waterfront and Innovation District

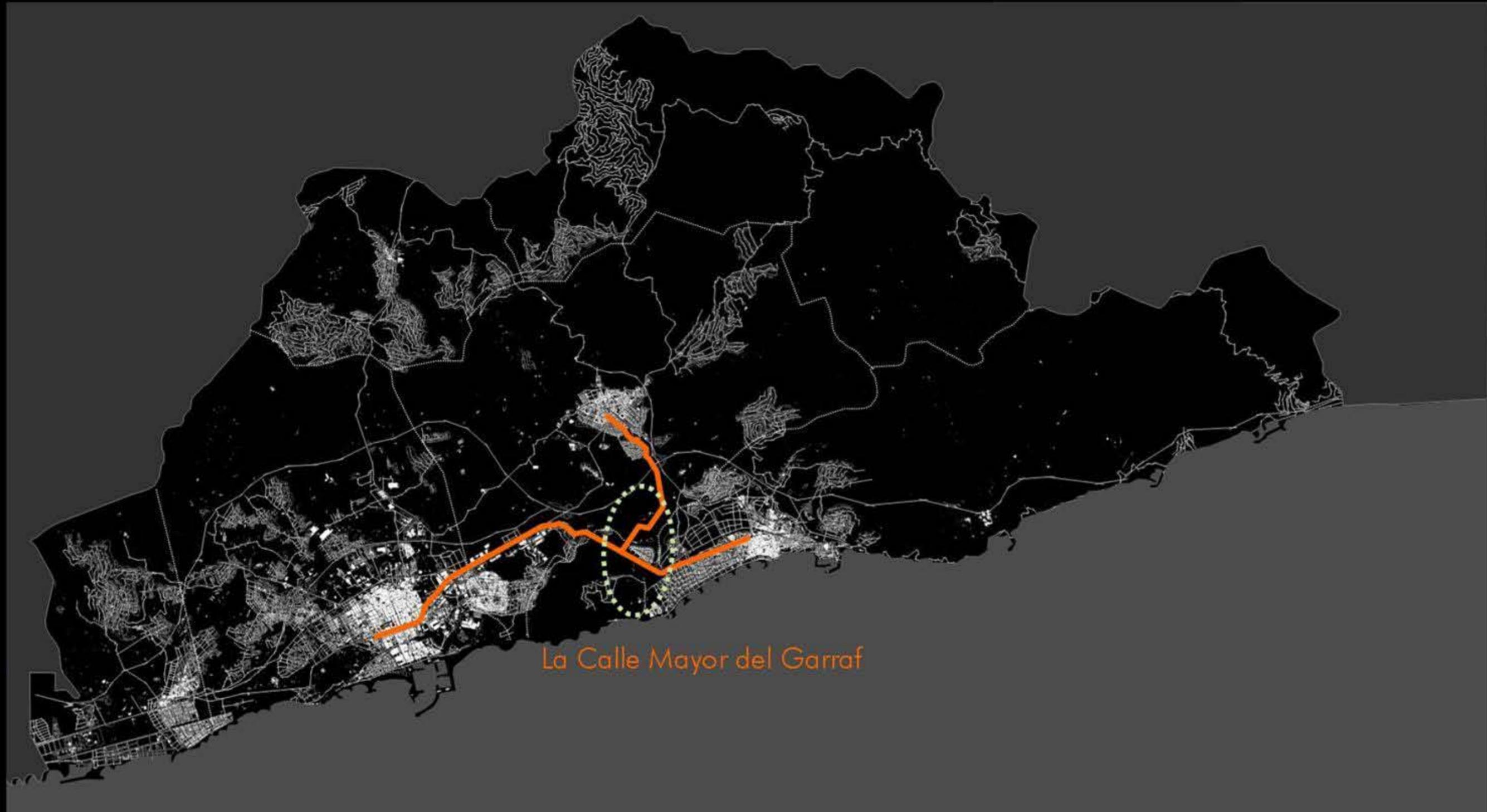


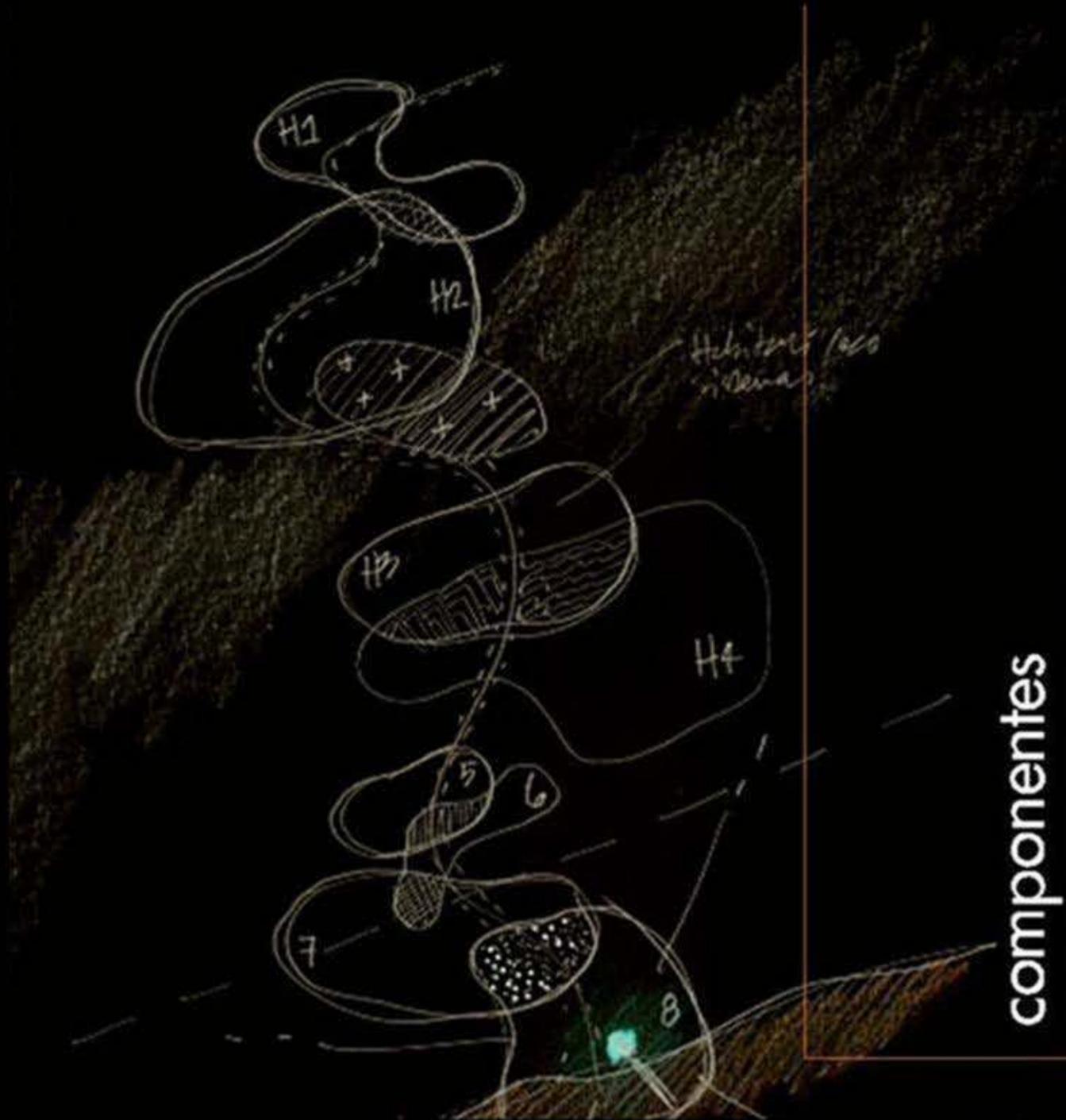
Ecosystem of Innovation



SITGES



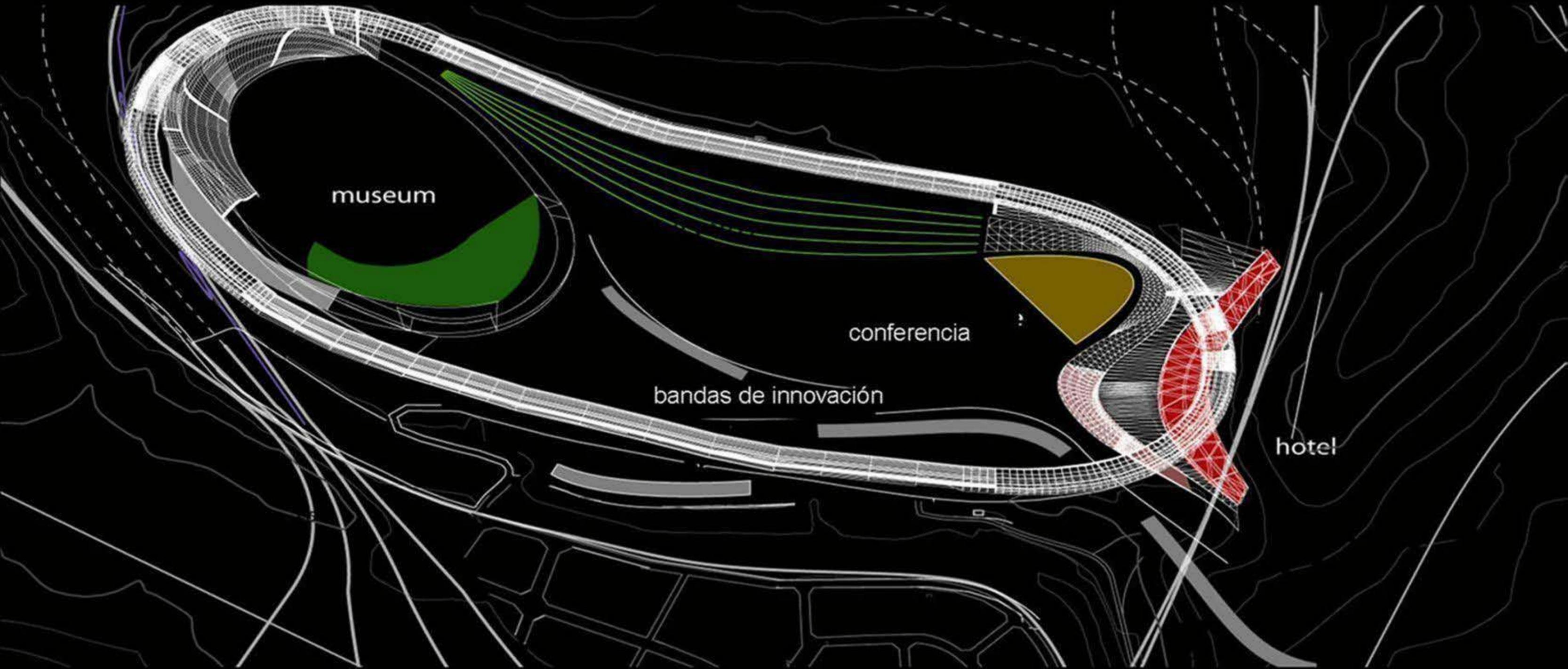




componentes

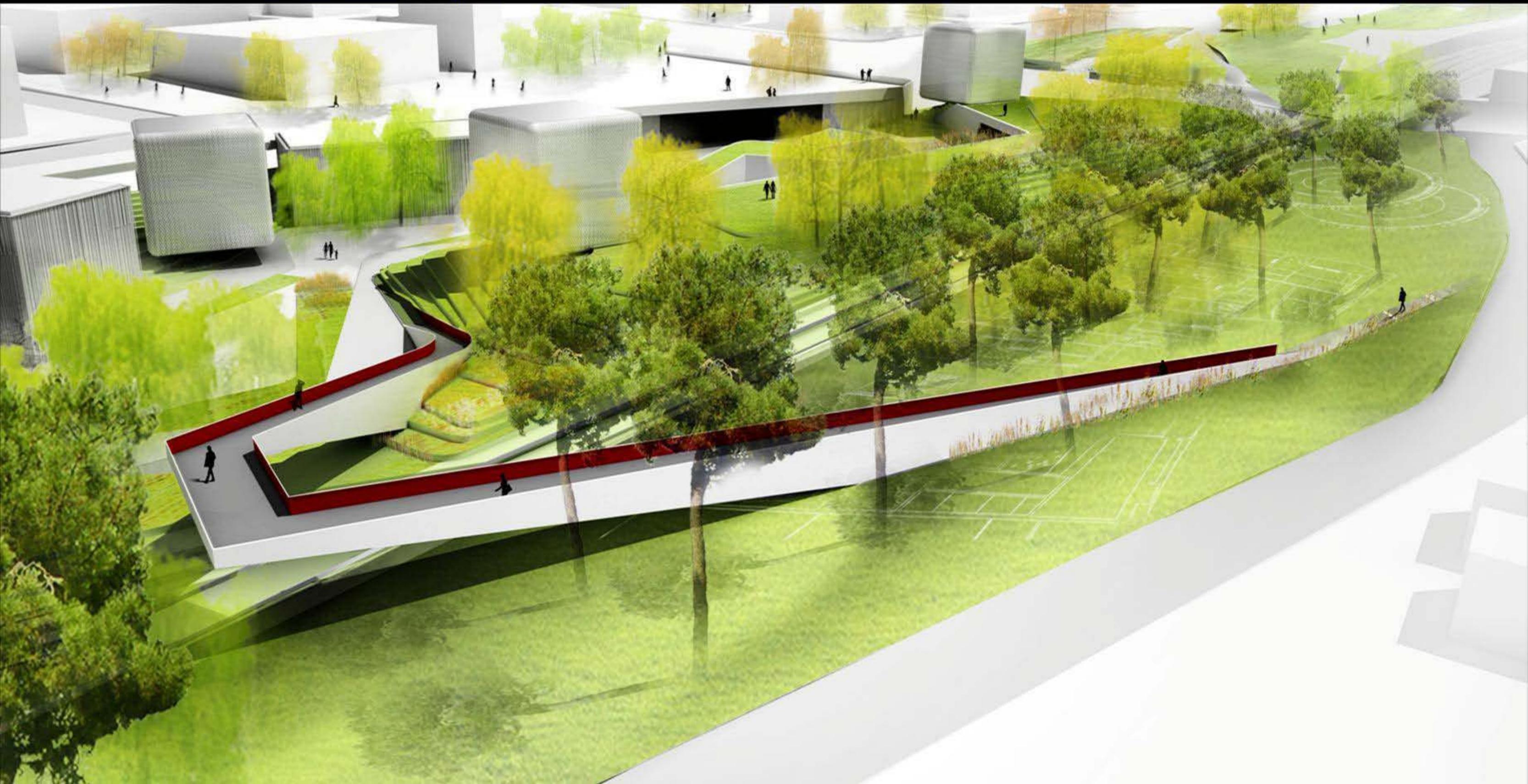


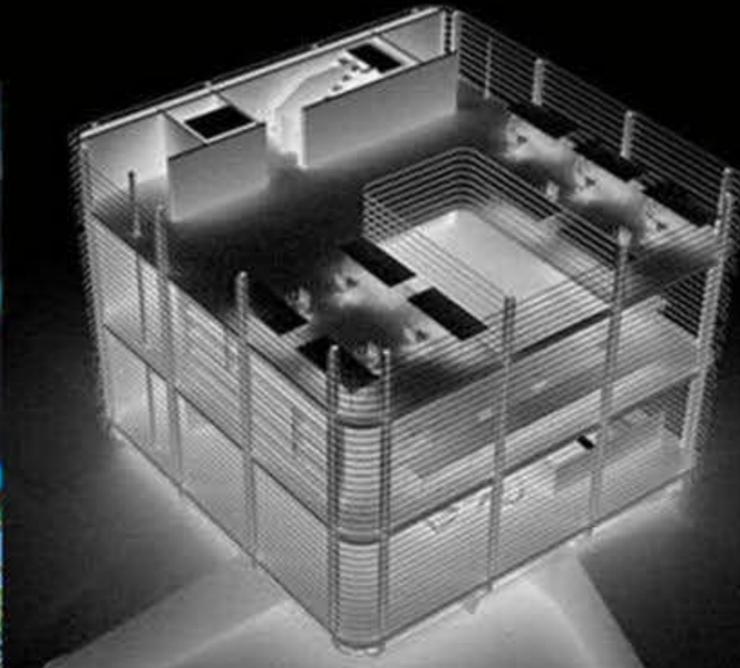




LANDSCAPES OF CATALUNYA





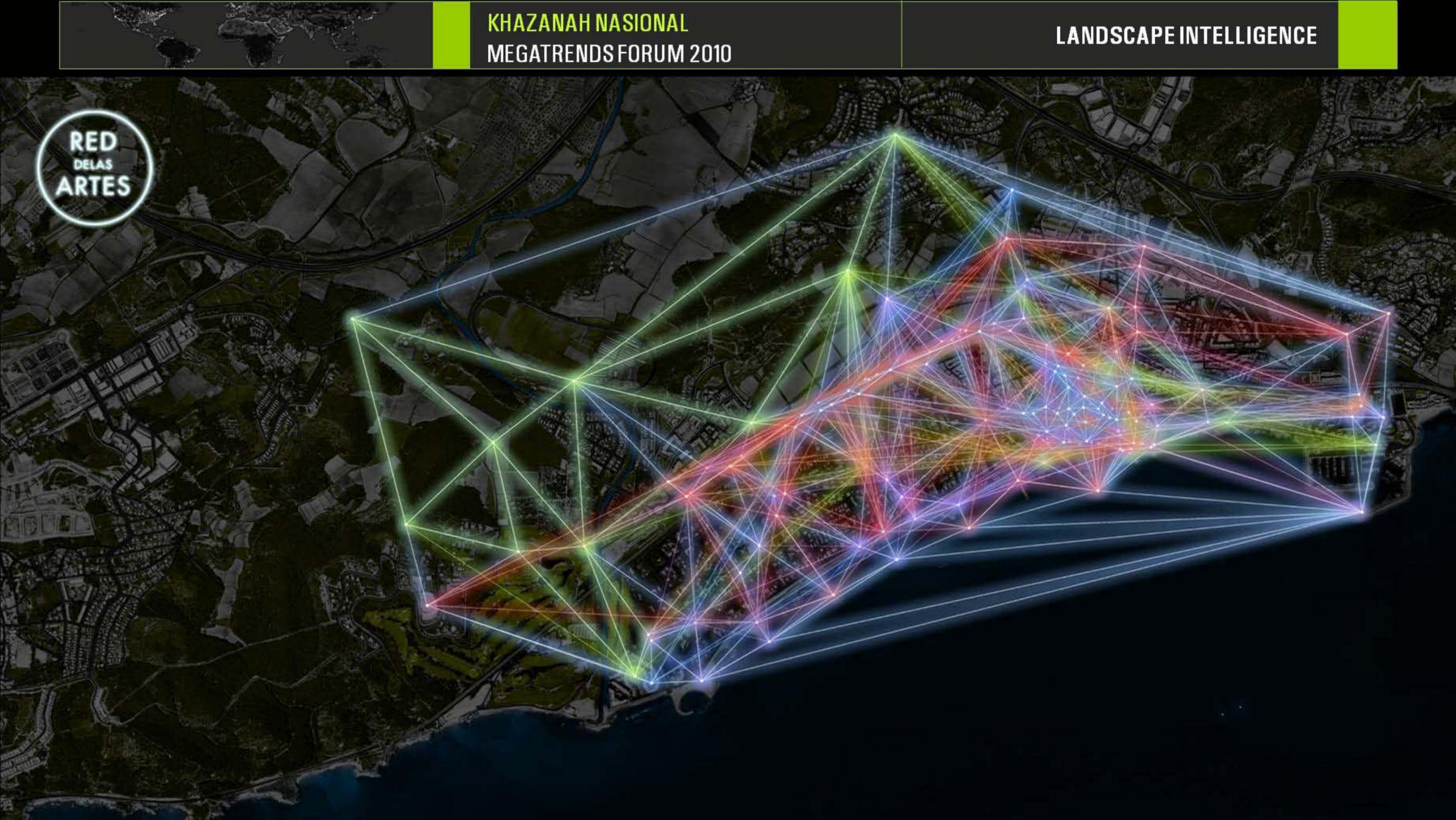




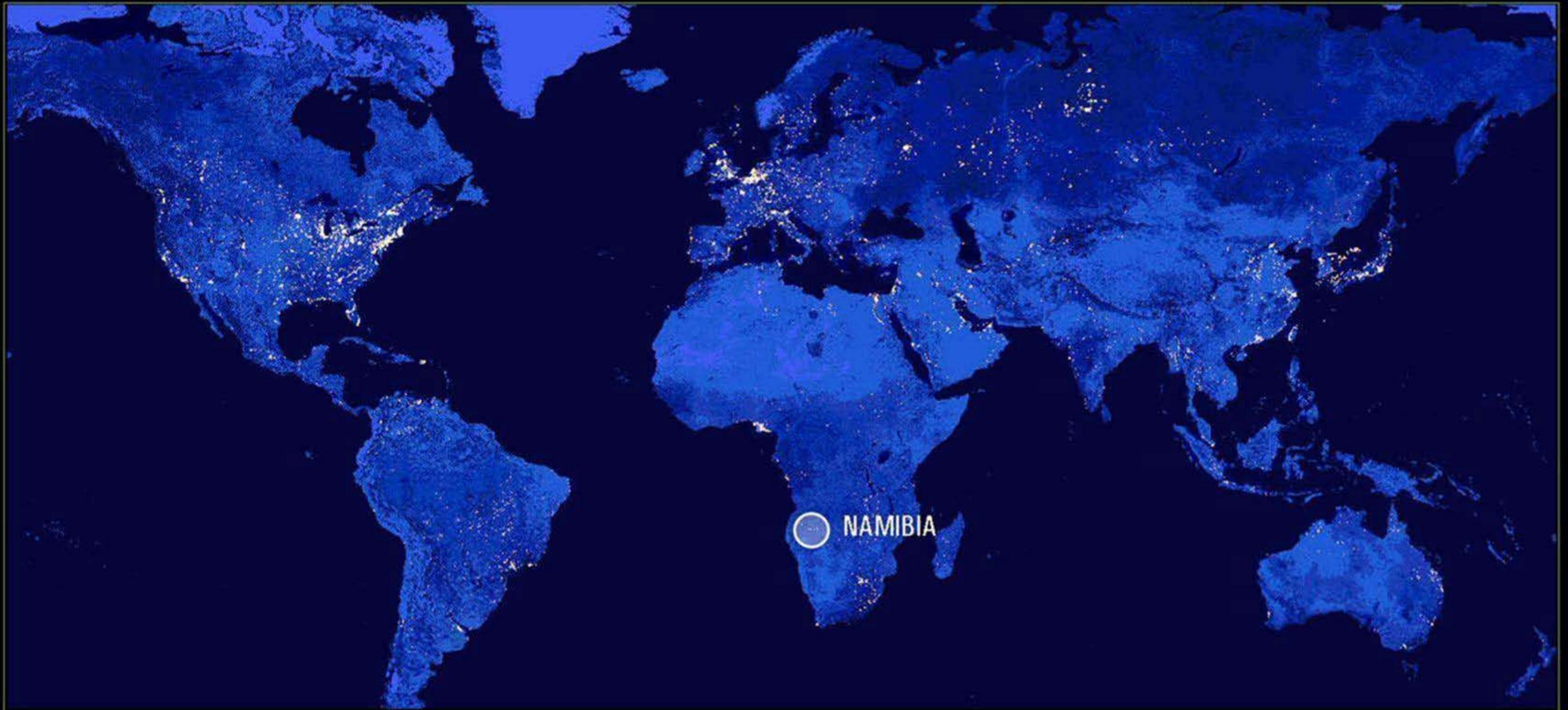
RIERA DE RIBES

— MALLA BLANDA

RED
DELAS
ARTES







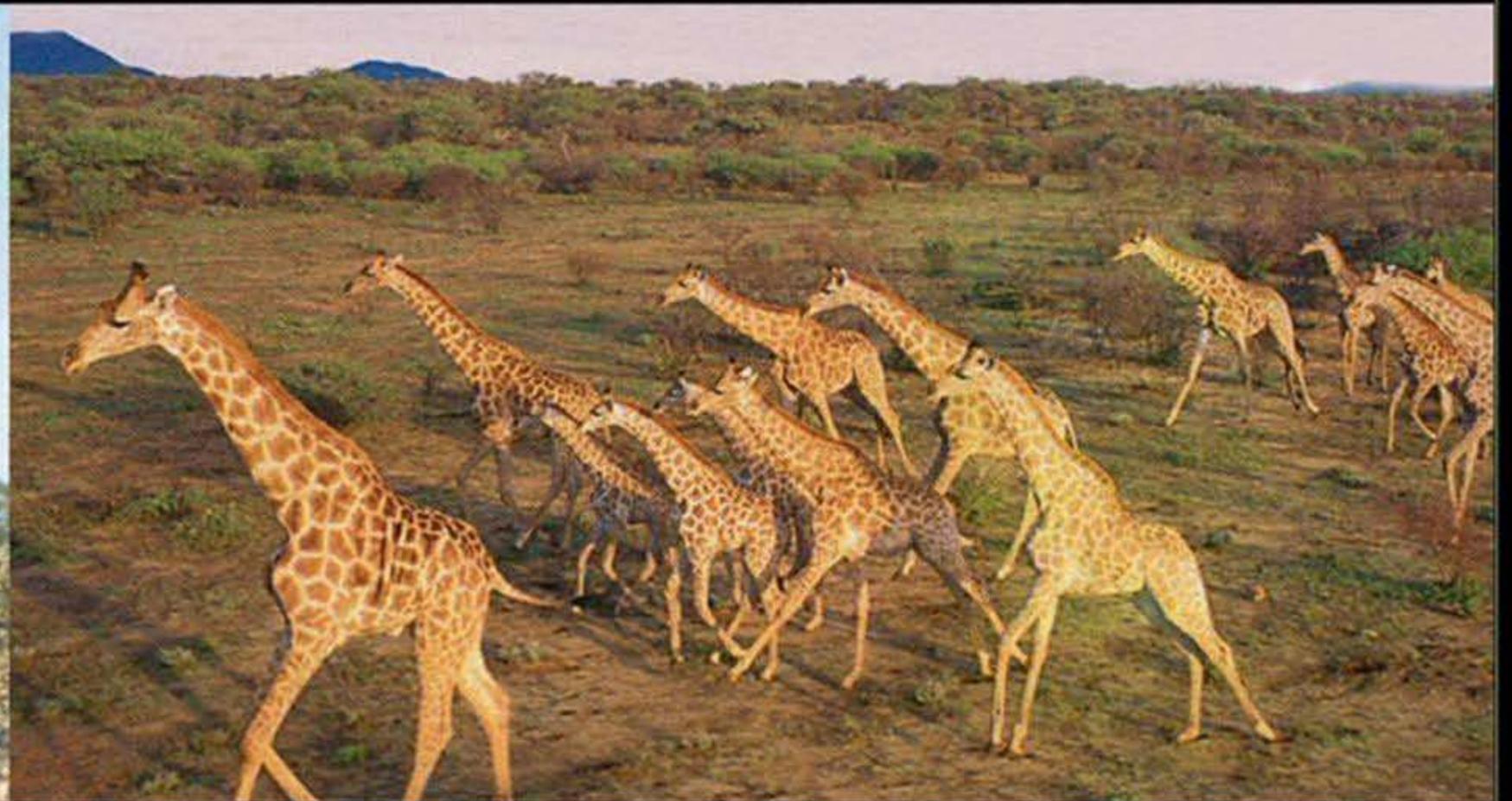




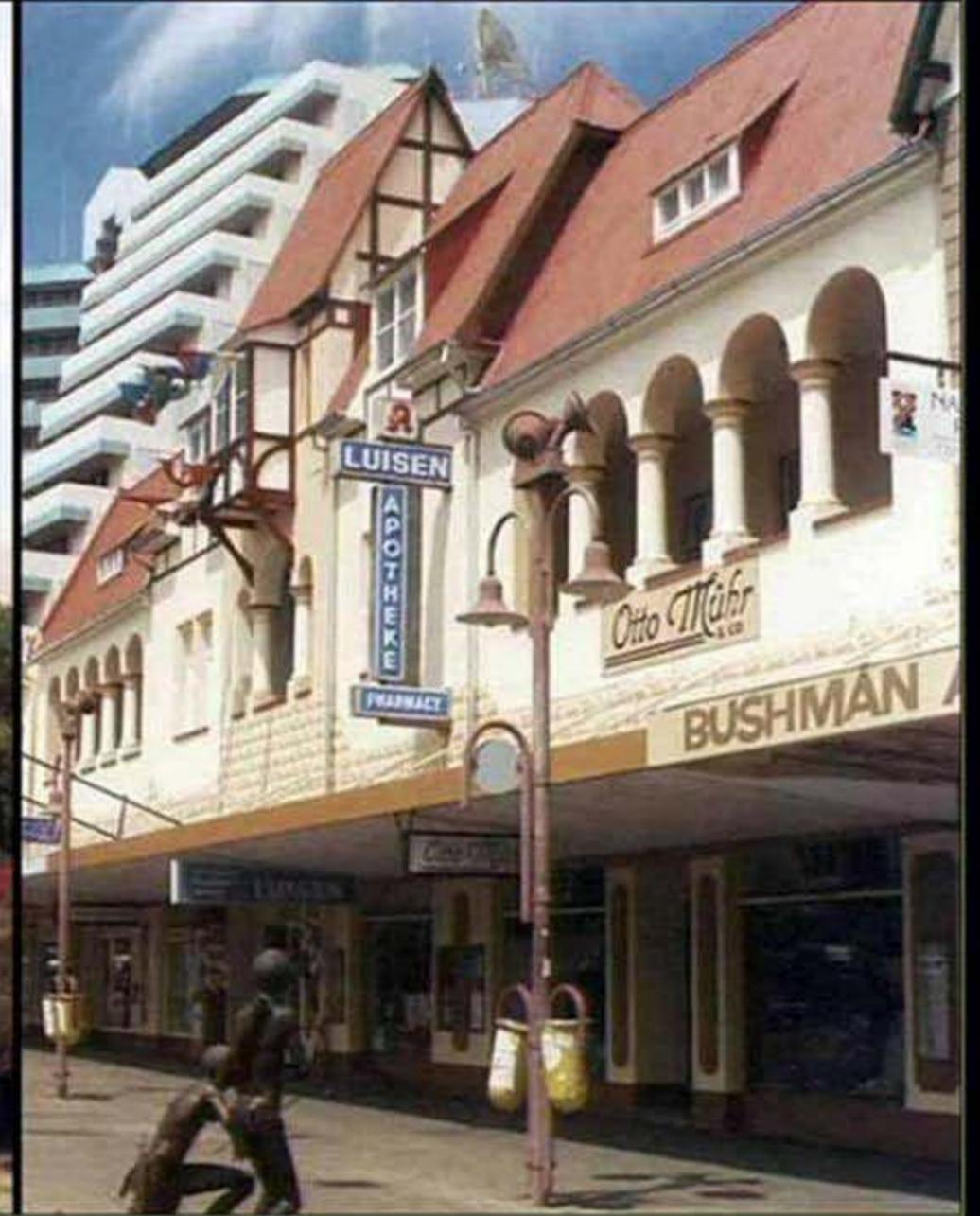
NAMIBIA



NAMIBIA



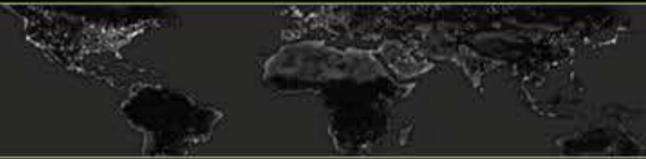
WINDHOEK



KATUTURA TOWNSHIP







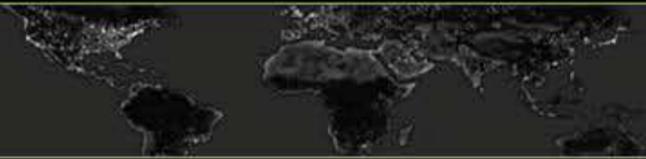
THE COLOURS OF KATUTURA





INTERNATIONAL ARTISTS

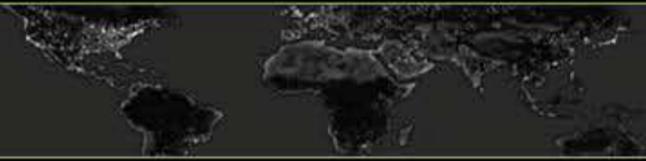




**KATUTURA
PROJECT**







LAND AND TOURIST DESTINATION



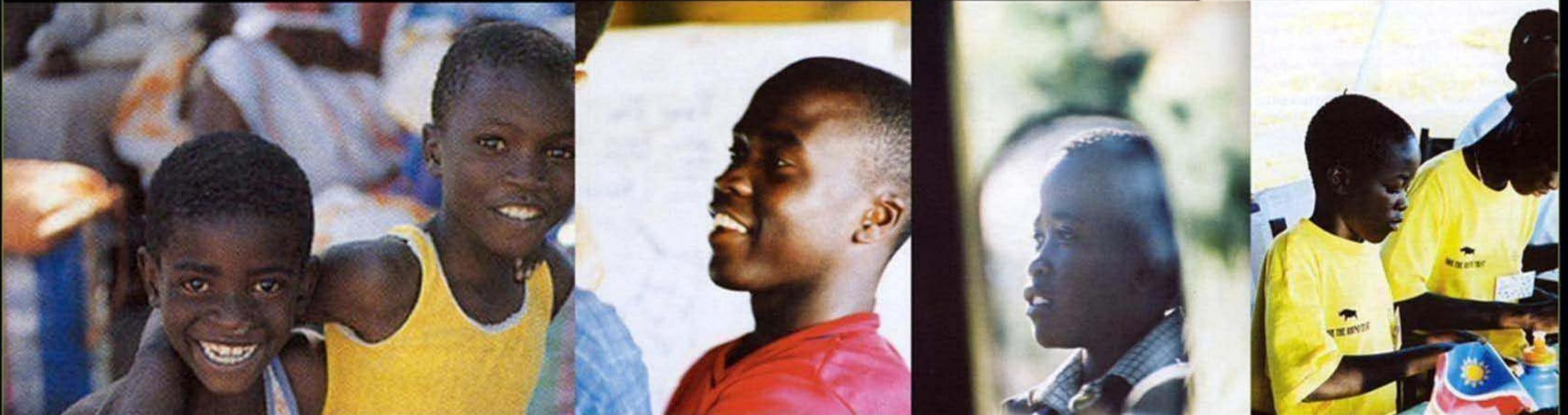
TRADITIONS



ARTS AND CRAFTS



PEOPLE



THE COLOURS OF KATUTURA



TERRITORIOS INTELIGENTES

URBAN COMPONENTS OF EXCELLENCE

“CLUSTERS OF EXCELLENCE” URBAN PROFILE

STRATEGIC PROJECTS

THE CITY AS ECOSYSTEM OF INNOVATION

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• ECOSYSTEM OF INNOVATION

Building a Sustainable Future



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