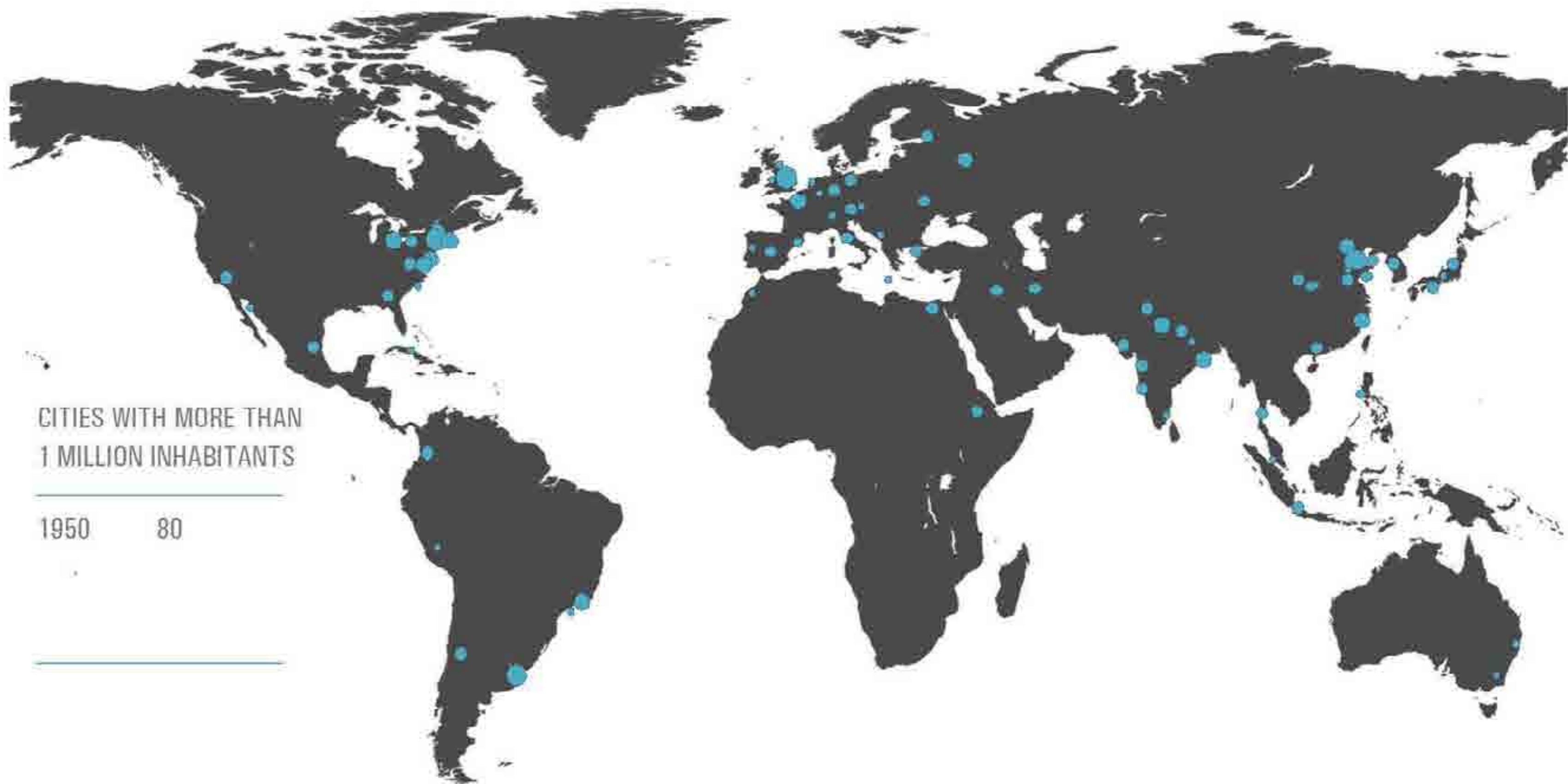
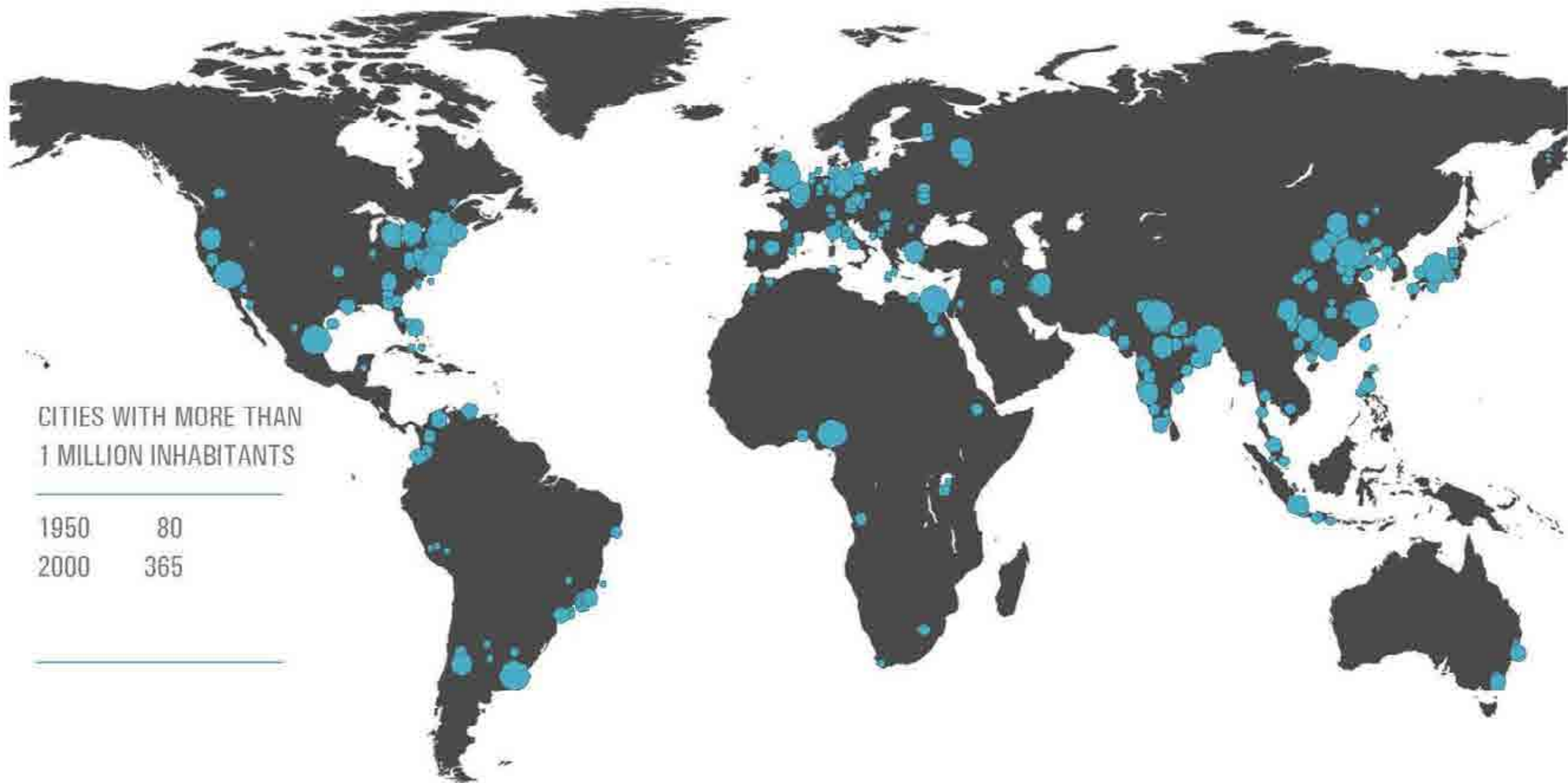
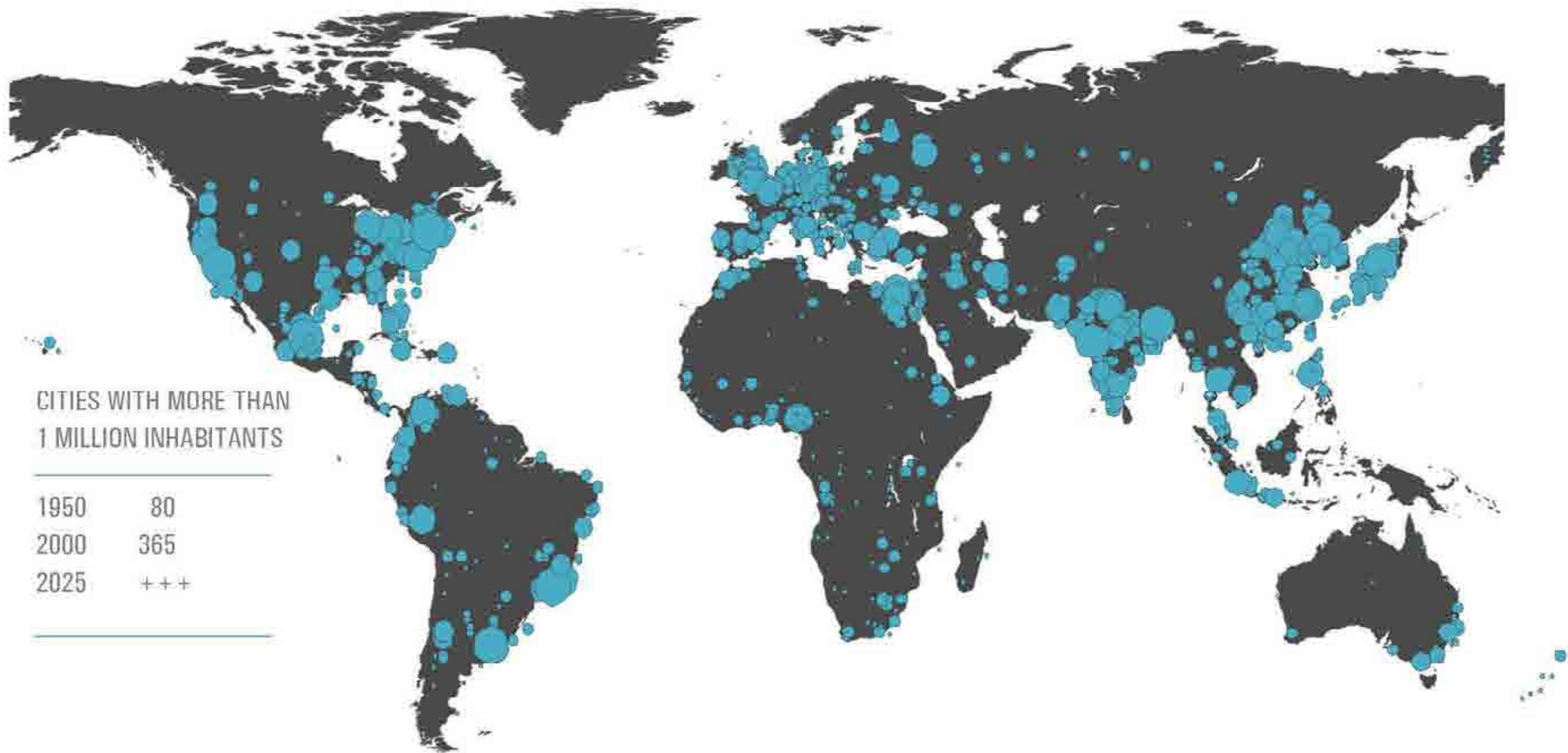


>> Building a Sustainable Future

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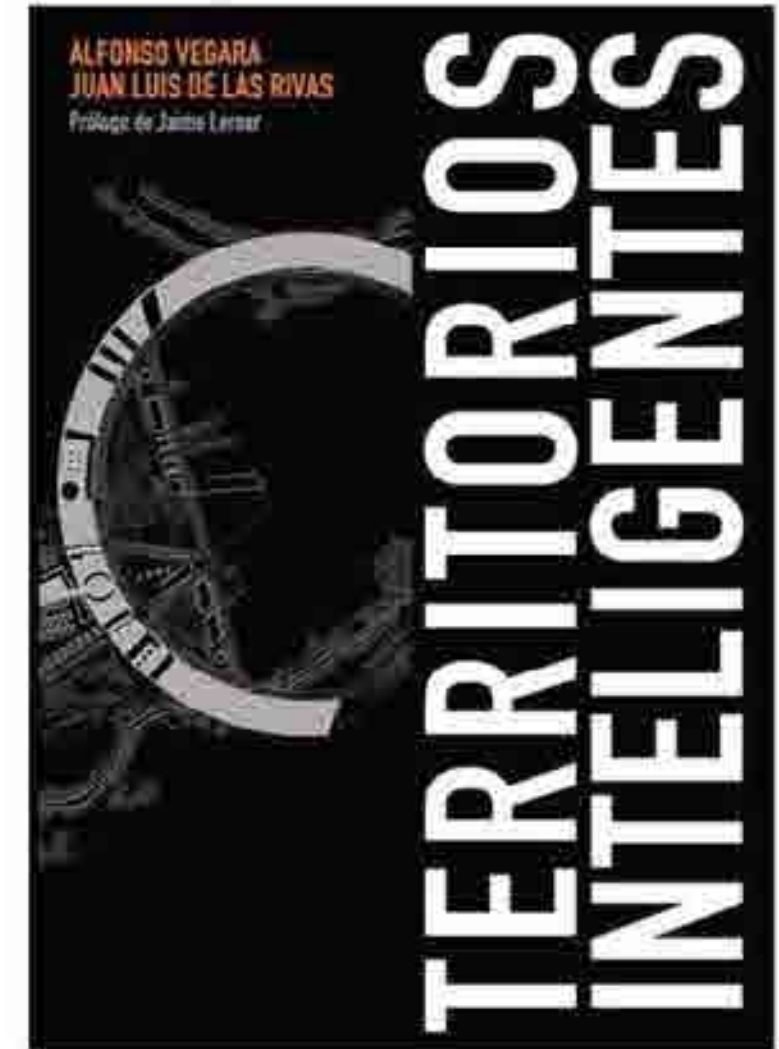




What if cities could change our world?

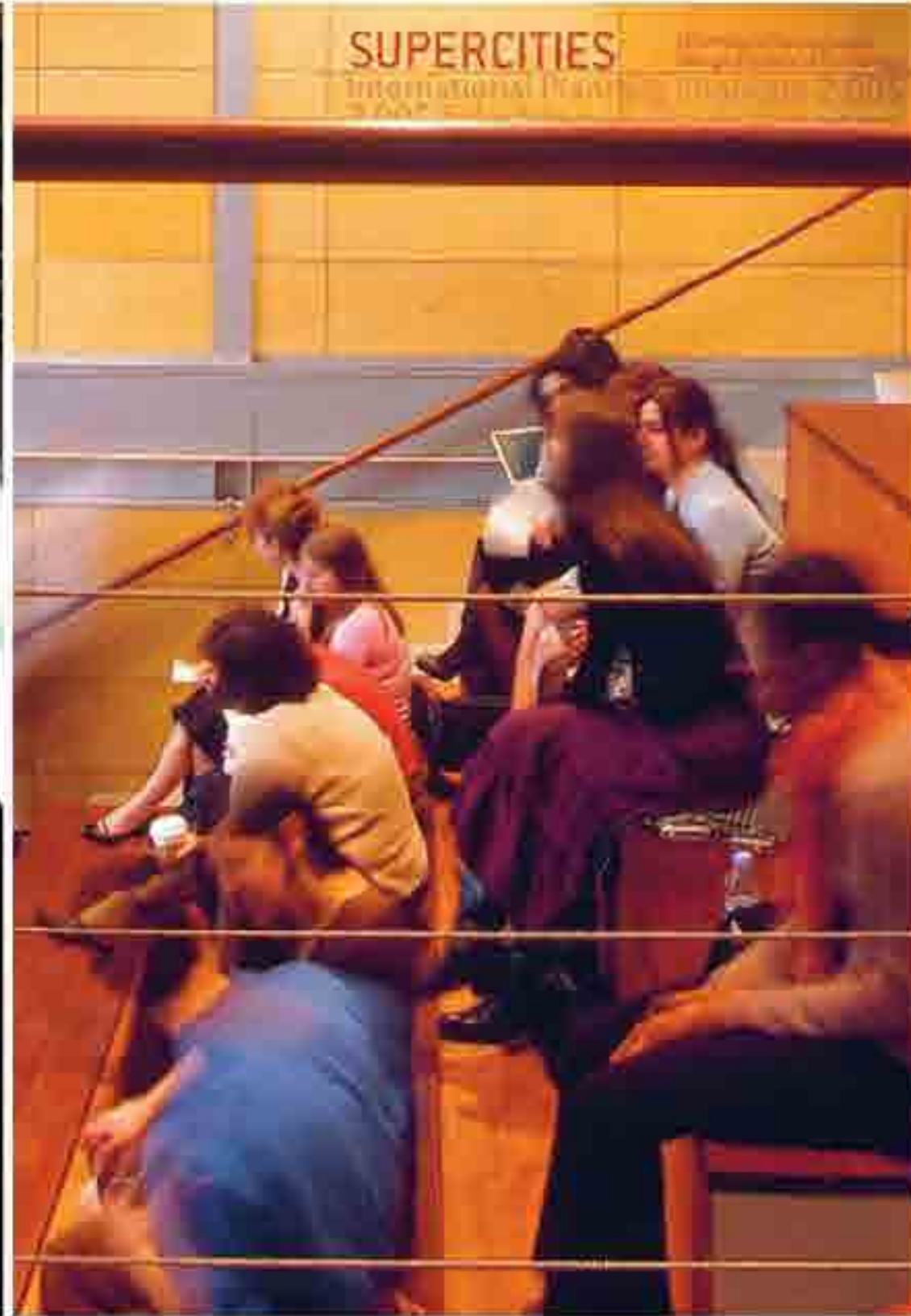


Fundación Metr poli is an international centre of innovation in cities and regions



The **Fundación Metrópoli** has been working for 15 years on the concept of **Intelligent Territories** and has created a hub of **international networks** of knowledge in this specific field.

Fundación Metrópoli has developed lines of city research such as the **Cities Project** or the **Cities Lab**, as well as **Asmoa**, an incubator for **Territorial Projects**.



ECOBX



CITIES Project PARTICIPANT CITIES



CITIES Project PARTICIPANT UNIVERSITIES



Harvard University – Universidade Livre do Meio Ambiente – **University College Dublin** – **Universidad del País Vasco** – **Universidad de Deusto** – **Universidad Pontificia Bolivariana** – **University of Miami** – **Pontificia Universidad Católica de Chile** – **Universidad de la República de Montevideo** – **Instituto Tecnológico y de Estudios Superiores de Monterrey** – **University of Hong Kong** – **University of Pennsylvania** – **Shanghai Academy of Social Science** – **University of Sydney** – **Ryerson Polytechnic University, Toronto** – **University of the Philippines in Cebu** – **Ramon Aboitiz Foundation** – **University of New South Wales**

Knowledge Creation and Sharing



HUB

> > research

- Planning Research
- Learning from Cities
- Mayors' Institute
- Fellowships
- Art & Innovation
- Publications
- Awards

New Ideas, New Projects



LAB

> > design

- Spatial Strategies
- Eco Cities
- Innovation Nodes
- Advanced Architectural Design

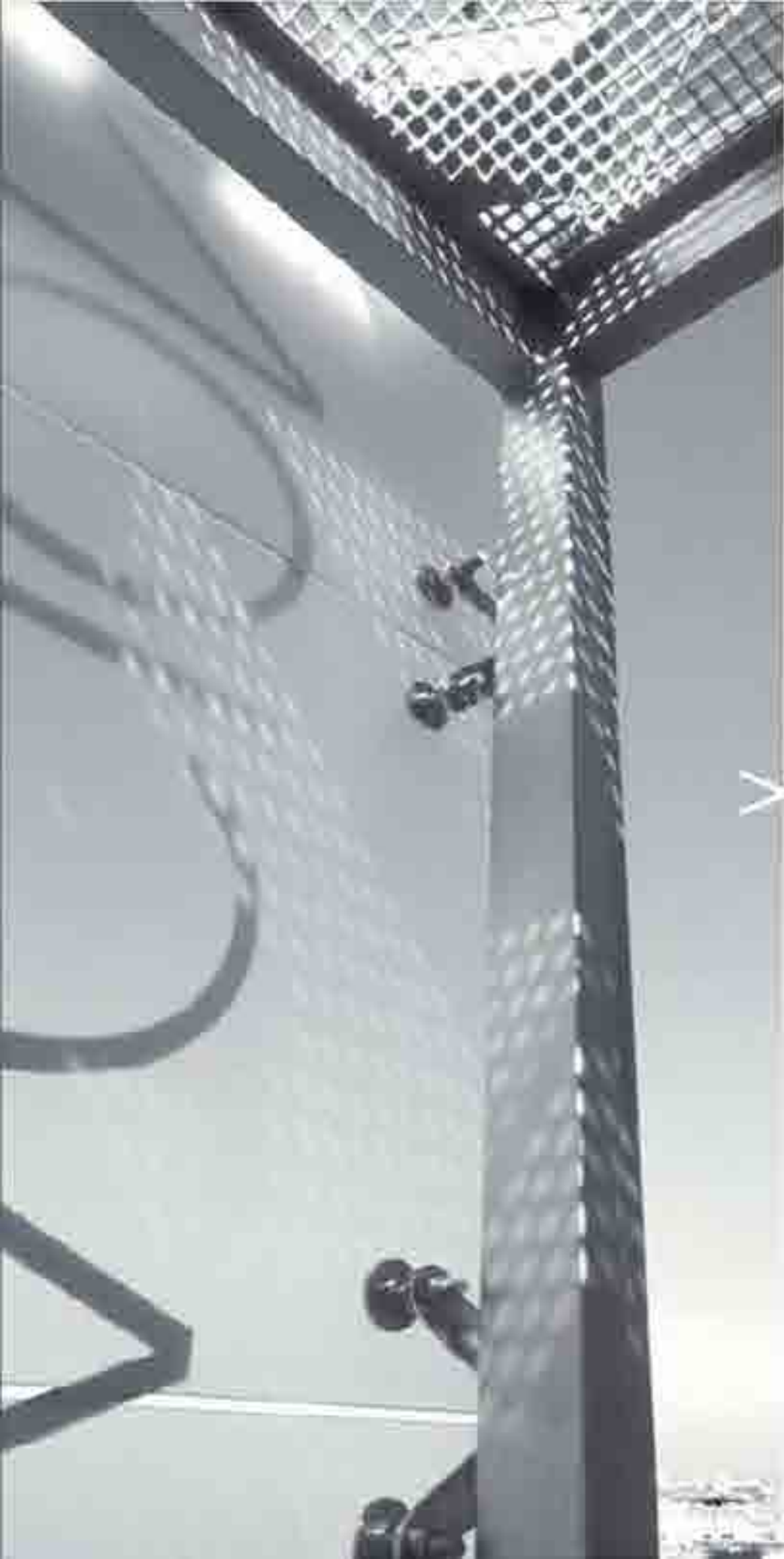
From Ideas to Reality



ASMO

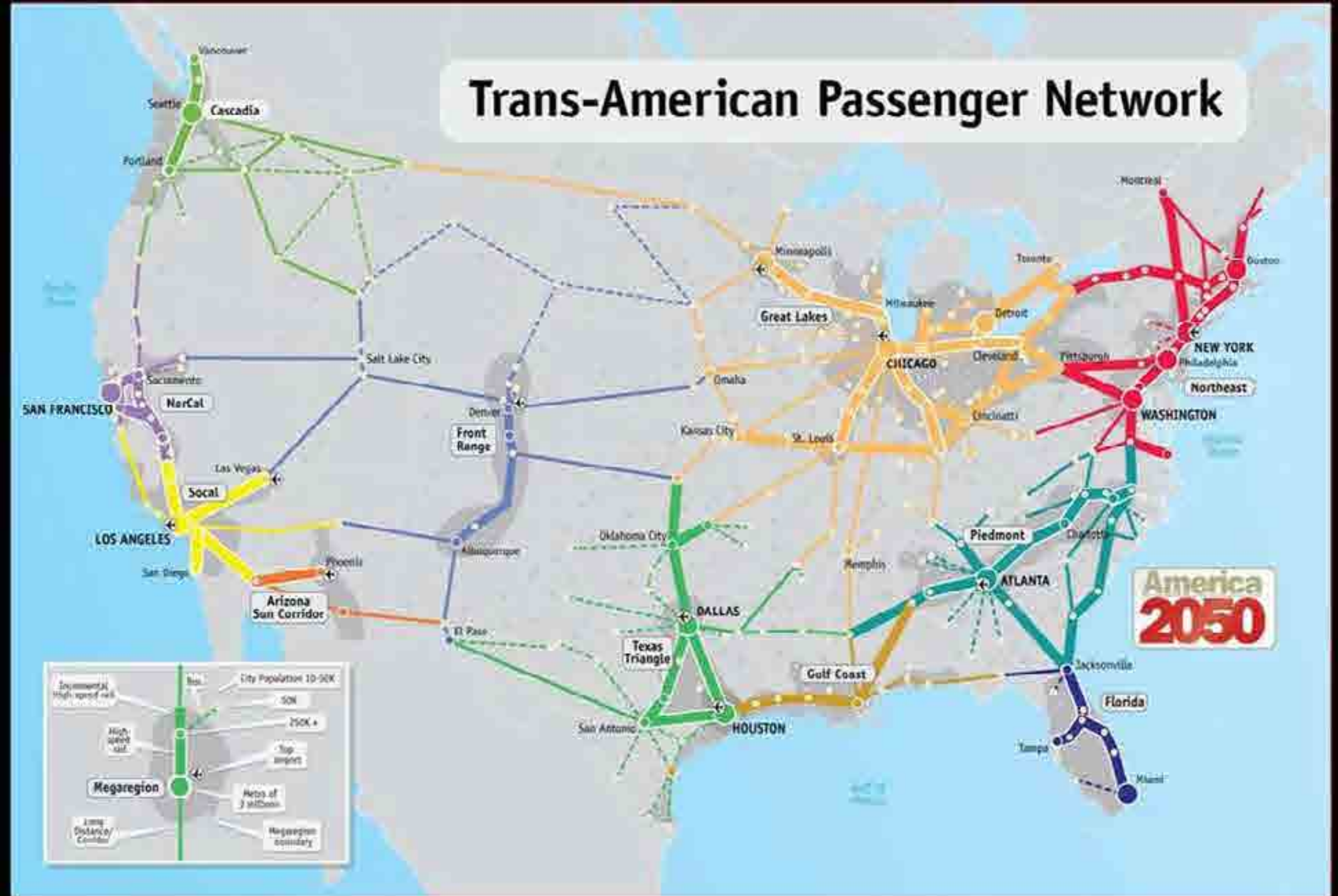
> > incubation

- Start-Ups
- "Phase Zero" Agencies
- Public-Private Partnerships
- Green Funds
- Seed Capital



NEW SCALE OF CITIES

AMERICA 2050
SUPERCITIES





SUPERCITIES
10 Megaregions

SUPERCITIES

NORTHEAST ATLANTIC MEGAREGION





BUILDING
THE
EUROPEAN
DIAGONAL

Diagonal

EUROPEAN DIAGONAL NETWORK



EUROPEAN DIAGONAL

Isochrones Analysis

4- hours total travel time

(High speed train)

LISBOA:

16 millon people within reach

Map prepared by Fabio Casiroli,
Faculty of Architecture Milano Polytechnic



EUROPEAN DIAGONAL

Isochrones Analysis

4- hours total travel time

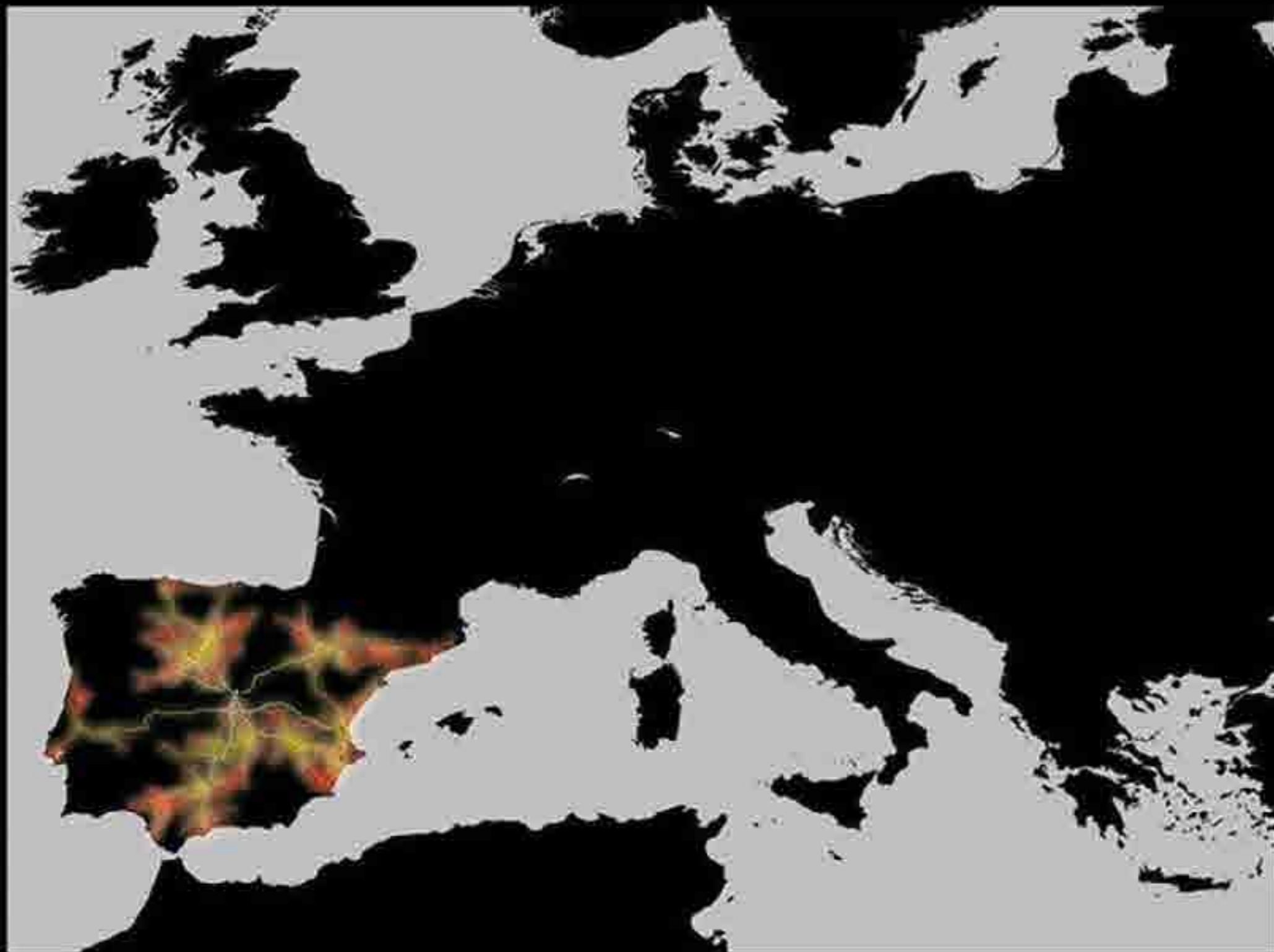
(High speed train)

MADRID:

32 millon 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

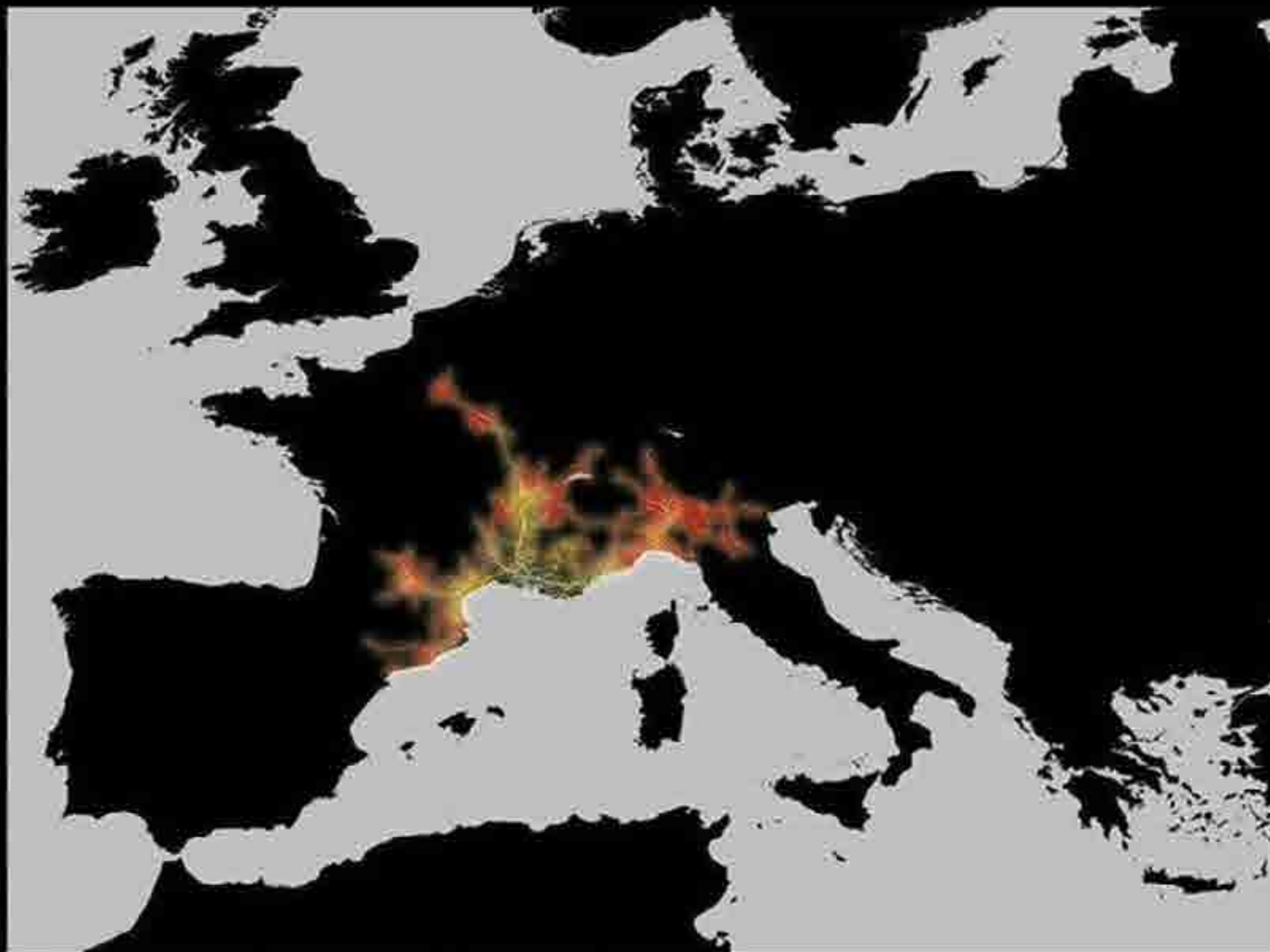
Isochrones Analysis

4- hours total travel time
(High speed train)

MARSELLA:

53 million people within reach

Map prepared by Fabio Casiroli,
Faculty of Architecture Milano Polytechnic



EUROPEAN DIAGONAL

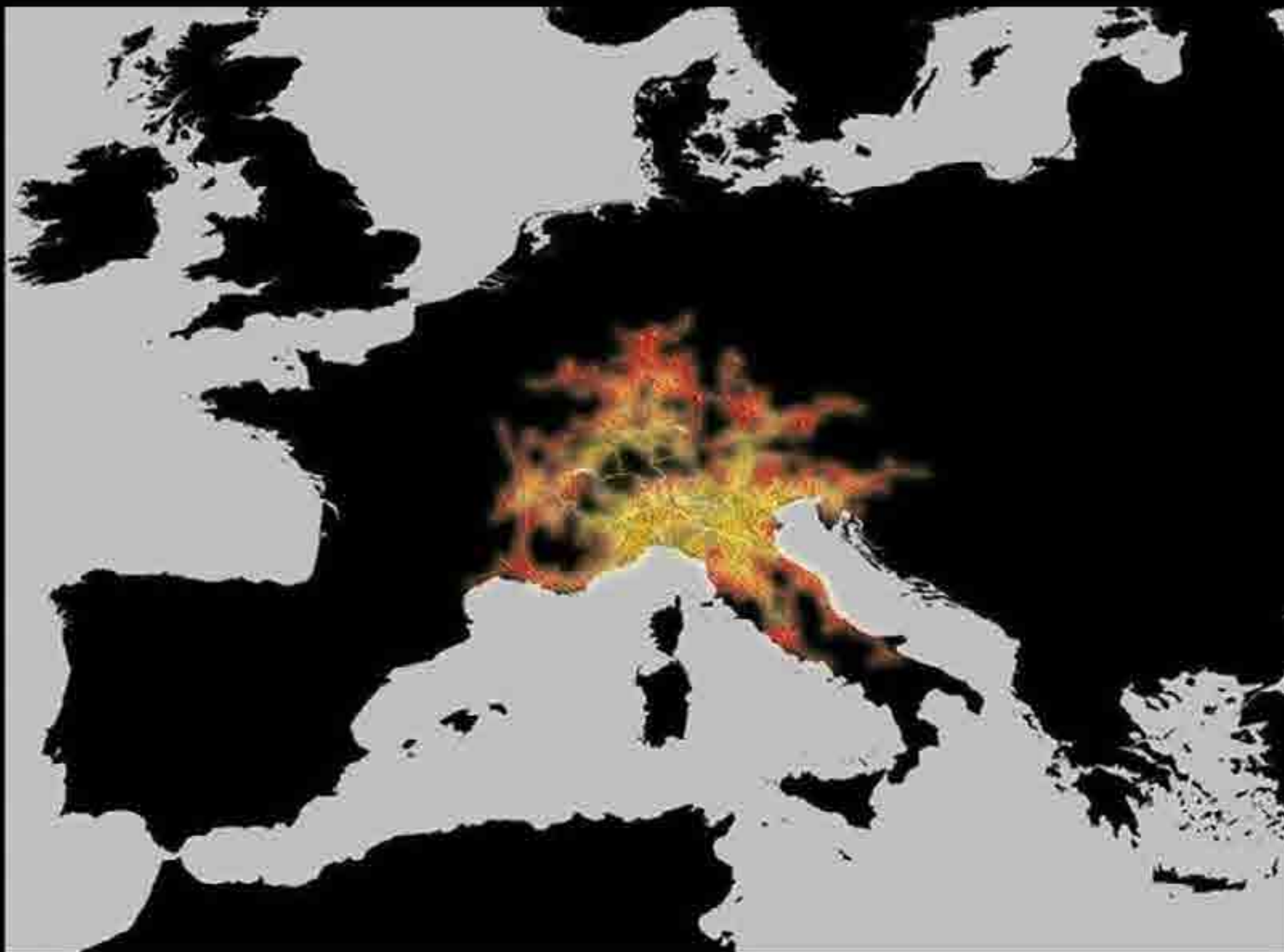
Isochrones Analysis

4- hours total travel time
(High speed train)

MILAN:

80 million people within reach

Map prepared by Fabio Casiroli,
Faculty of Architecture Milano Polytechnic



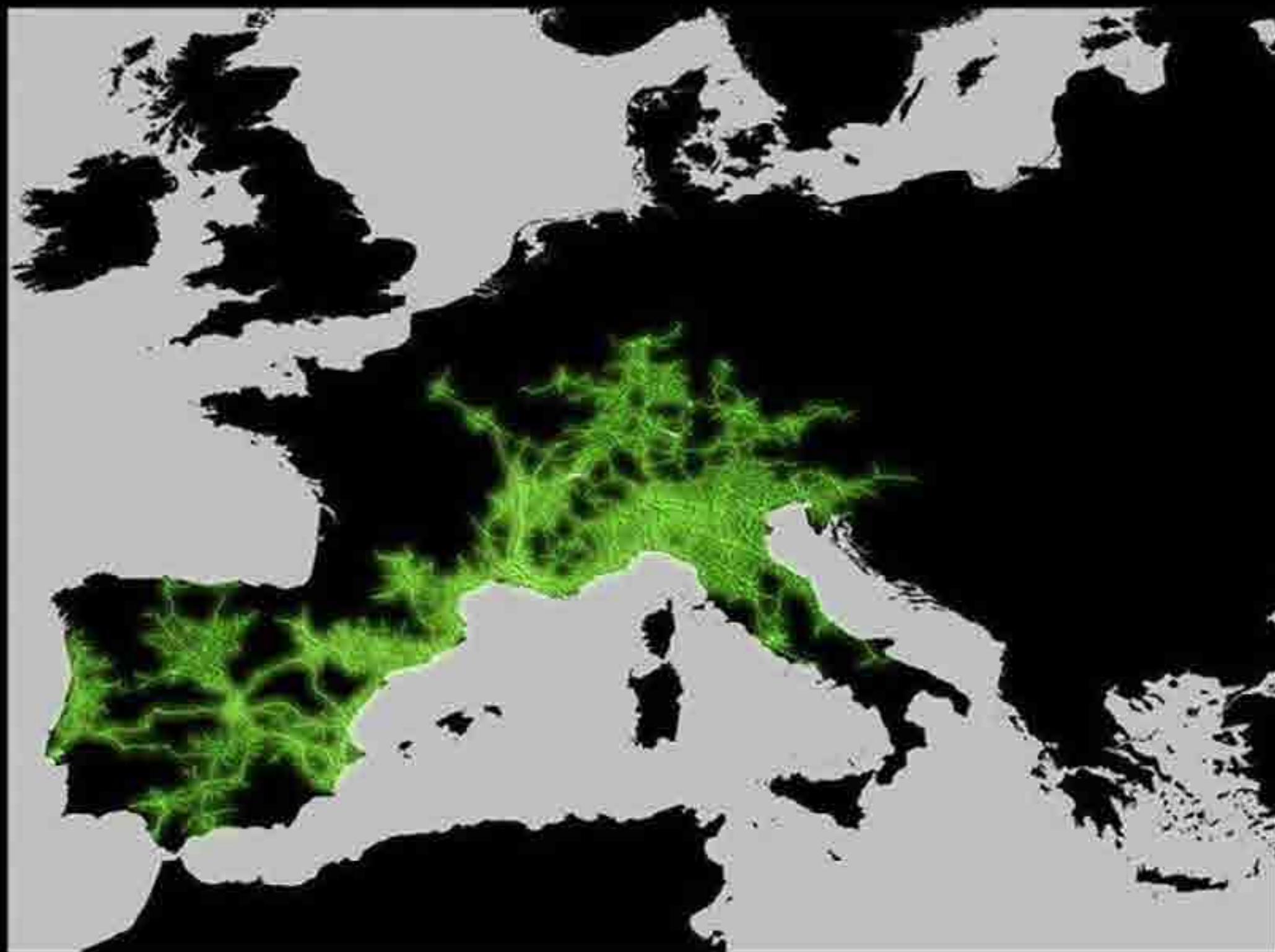
EUROPEAN DIAGONAL

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

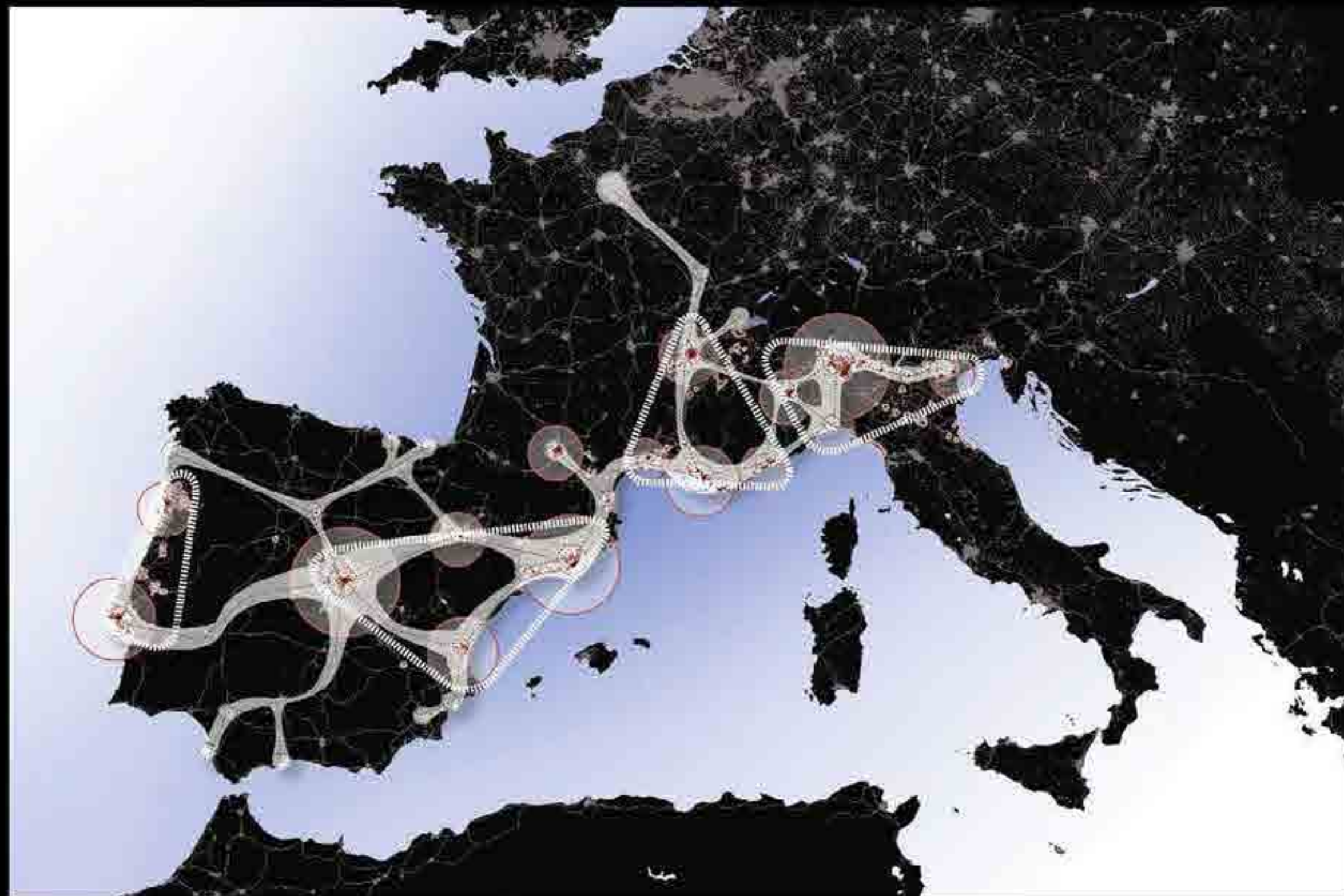
“Milán, localizada en la intersección entre la Diagonal Europea y la cresta morfológica continental, juega un papel importante en el sistema de corredores trans-europeos. Compartimos la visión de la Diagonal Europea en la que Milán puede hacer una gran contribución.

LETIZIA MORATTI | *Alcaldesa de Milán*

EUROPEAN DIAGONAL

DIAMONDS

Creating Links between the
Urban Diamonds

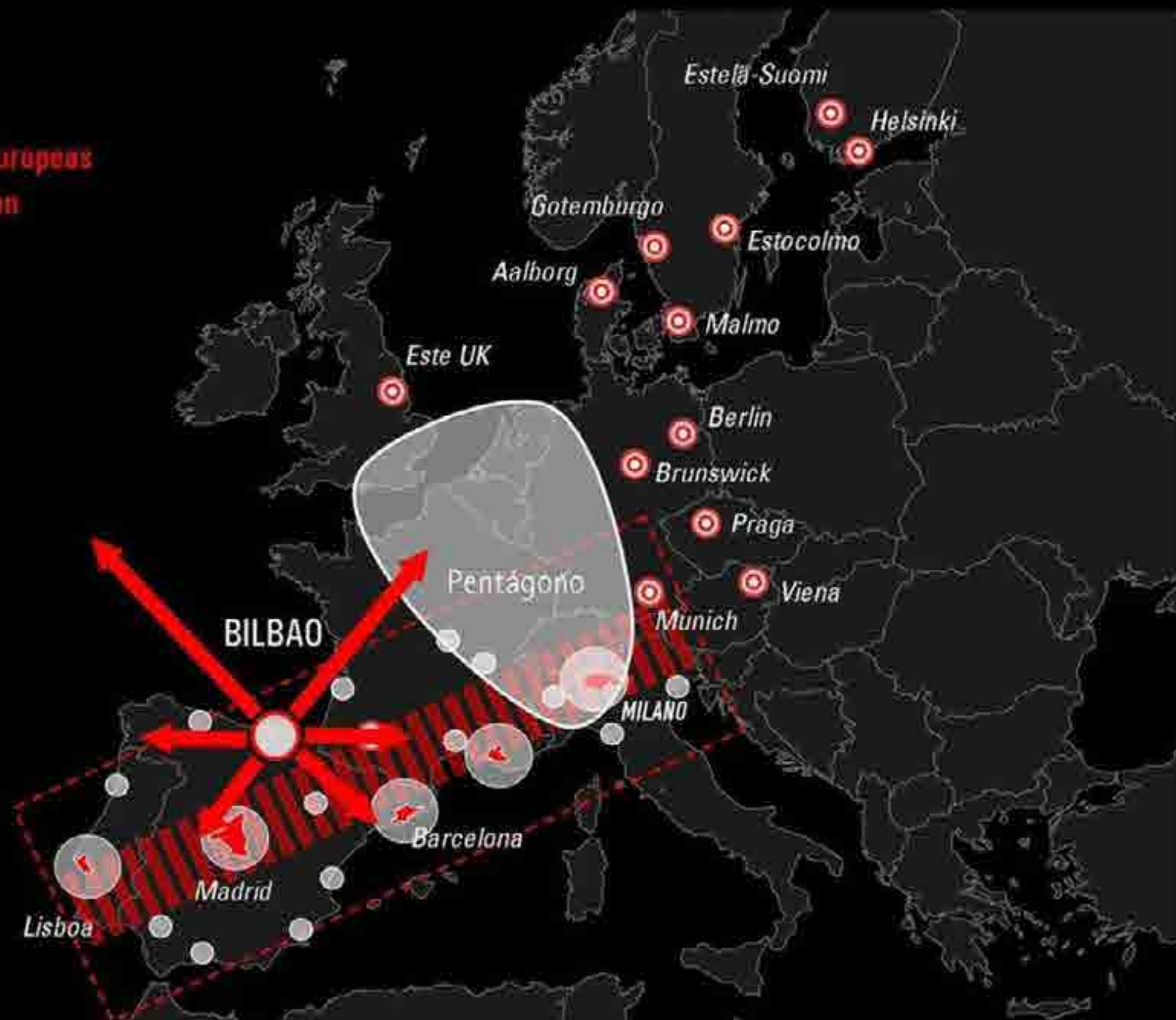


EUROPEAN DIAGONAL

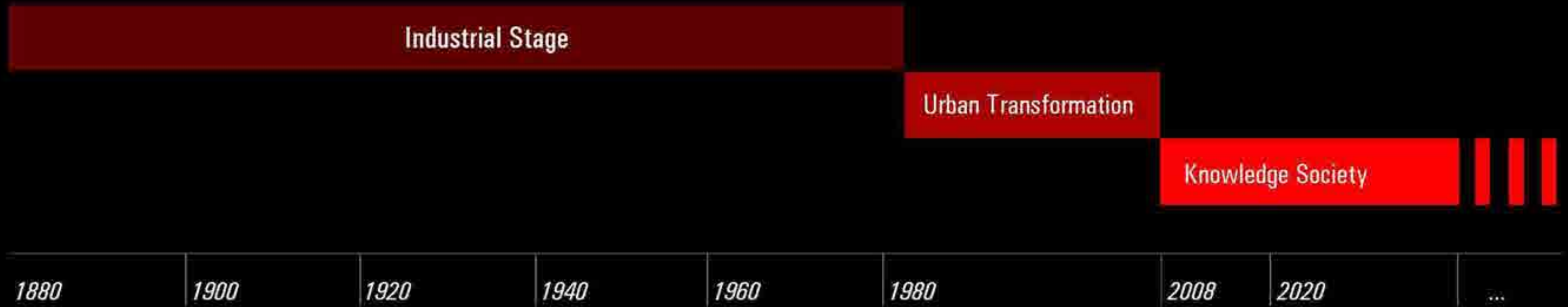
Super City Hubs and Satellites



Regiones Europeas
Nueva Visión



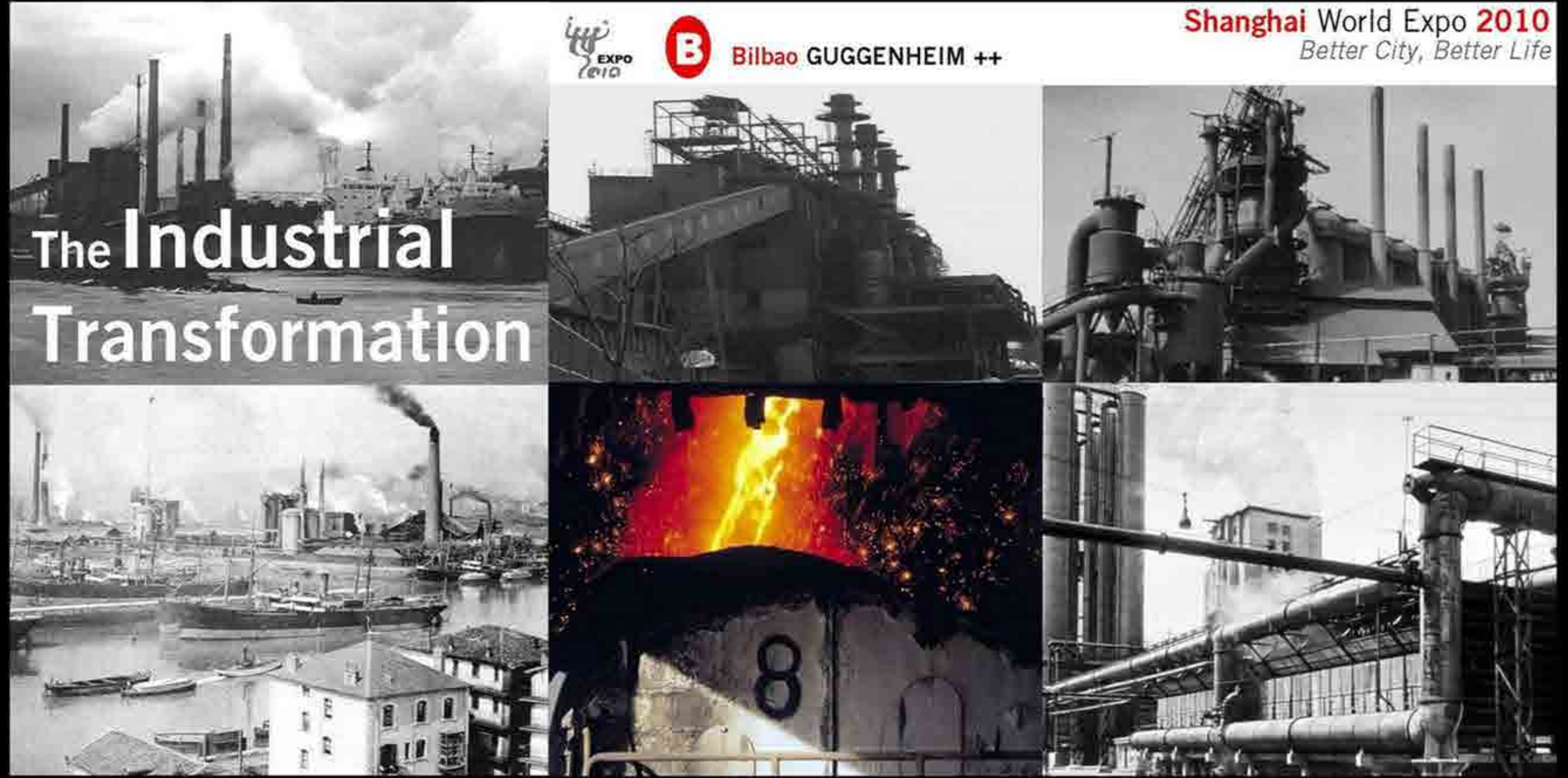
Oportunidades de articulación regional
Protagonismo Europeo



EXPO 2010 **B** Bilbao GUGGENHEIM ++

Shanghai World Expo 2010
Better City, Better Life

The Industrial Transformation





Bilbao GUGGENHEIM ++

Shanghai World Expo 2010
Better City, Better Life

the **floods** of
1983





Bilbao GUGGENHEIM ++

Shanghai World Expo 2010
Better City, Better Life



The Urban Transformation



BILBAO: THE GUGGENHEIM EFFECT
URBAN LINKS





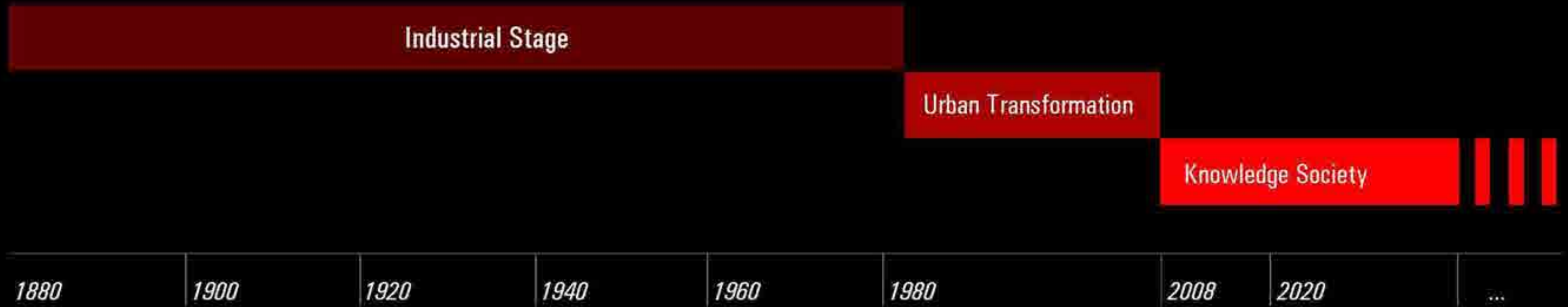


Bilbao GUGGENHEIM ++

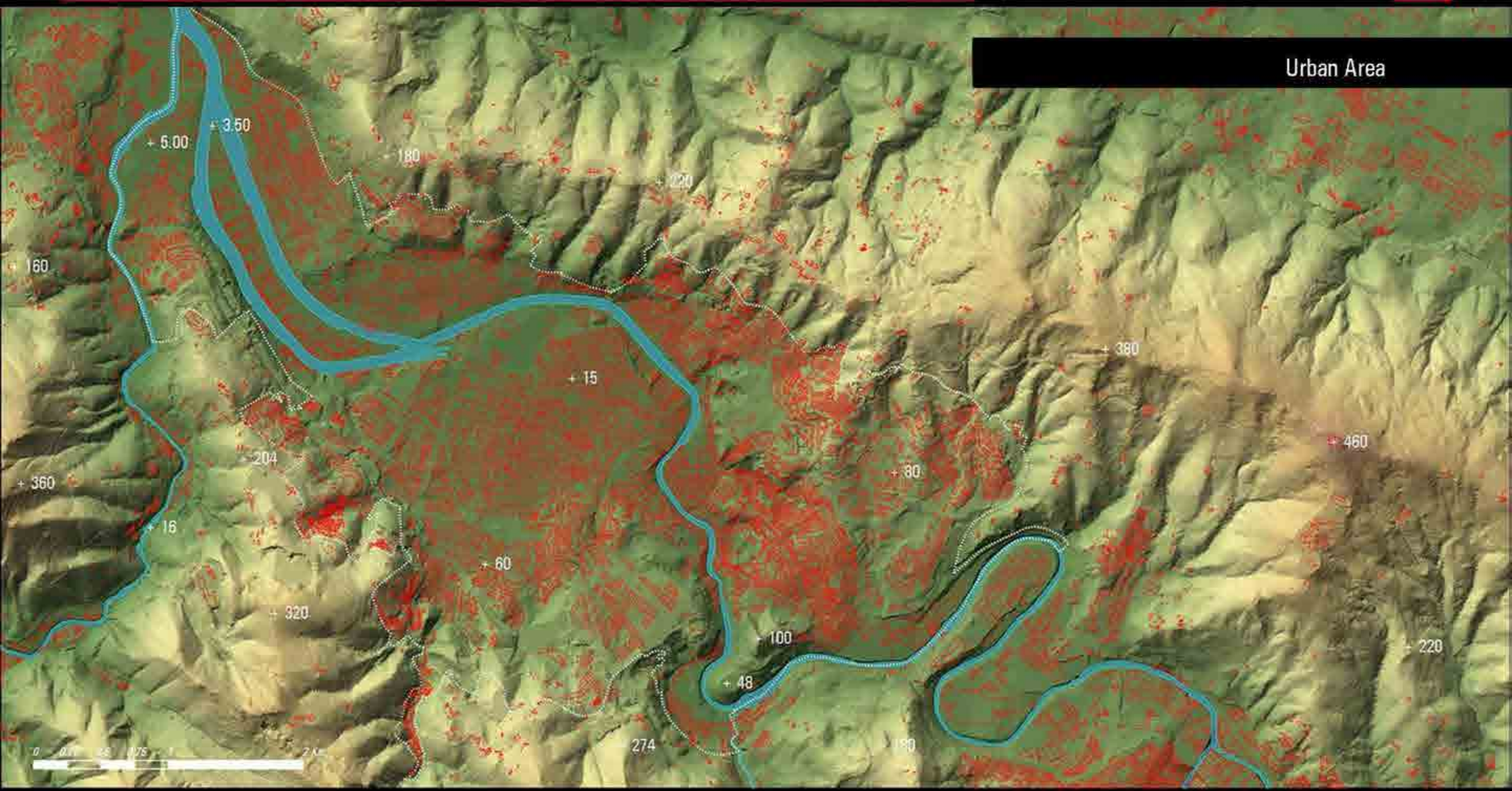
Shanghai World Expo 2010
Better City, Better Life

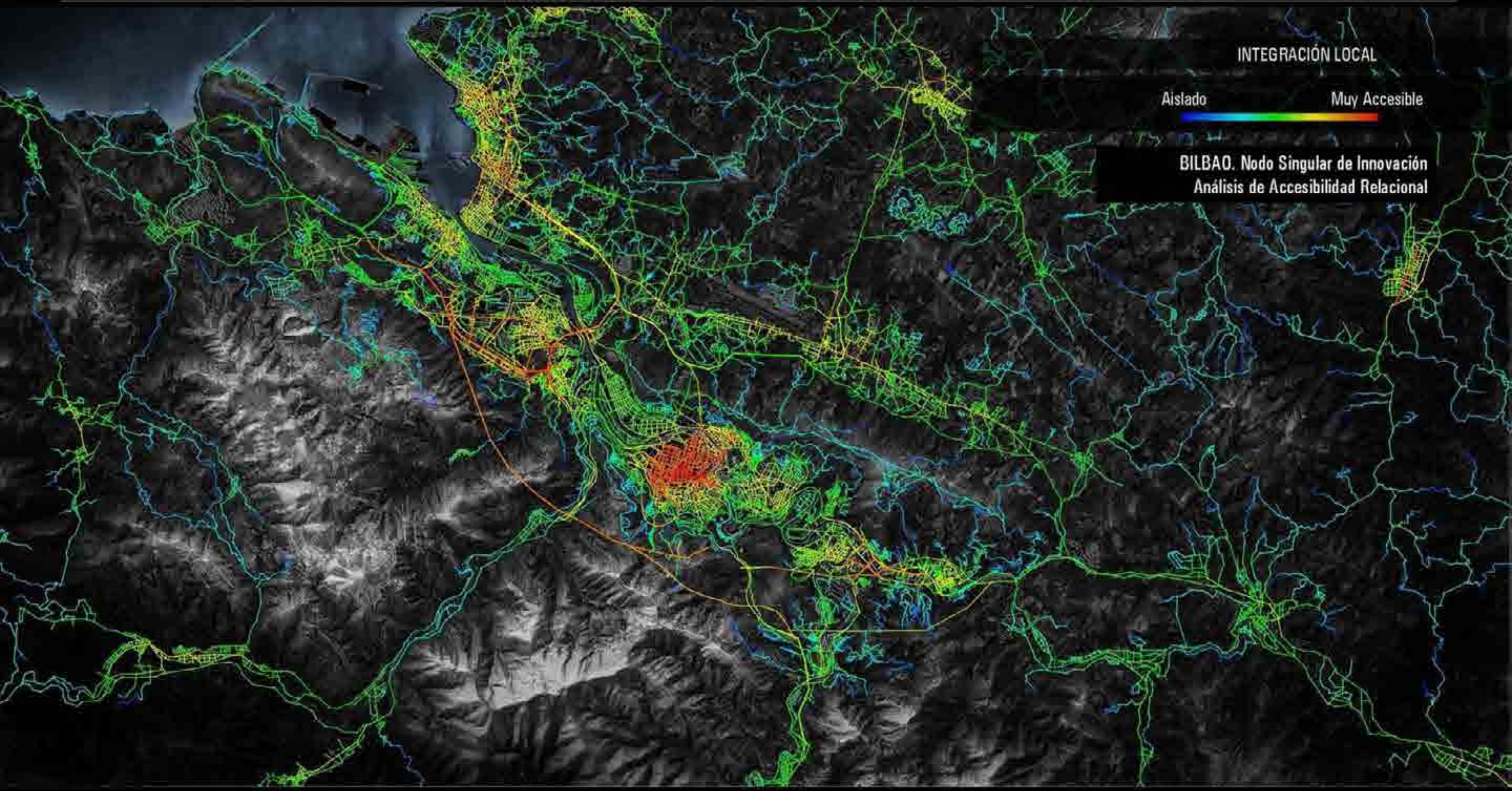
The Knowledge Transformation







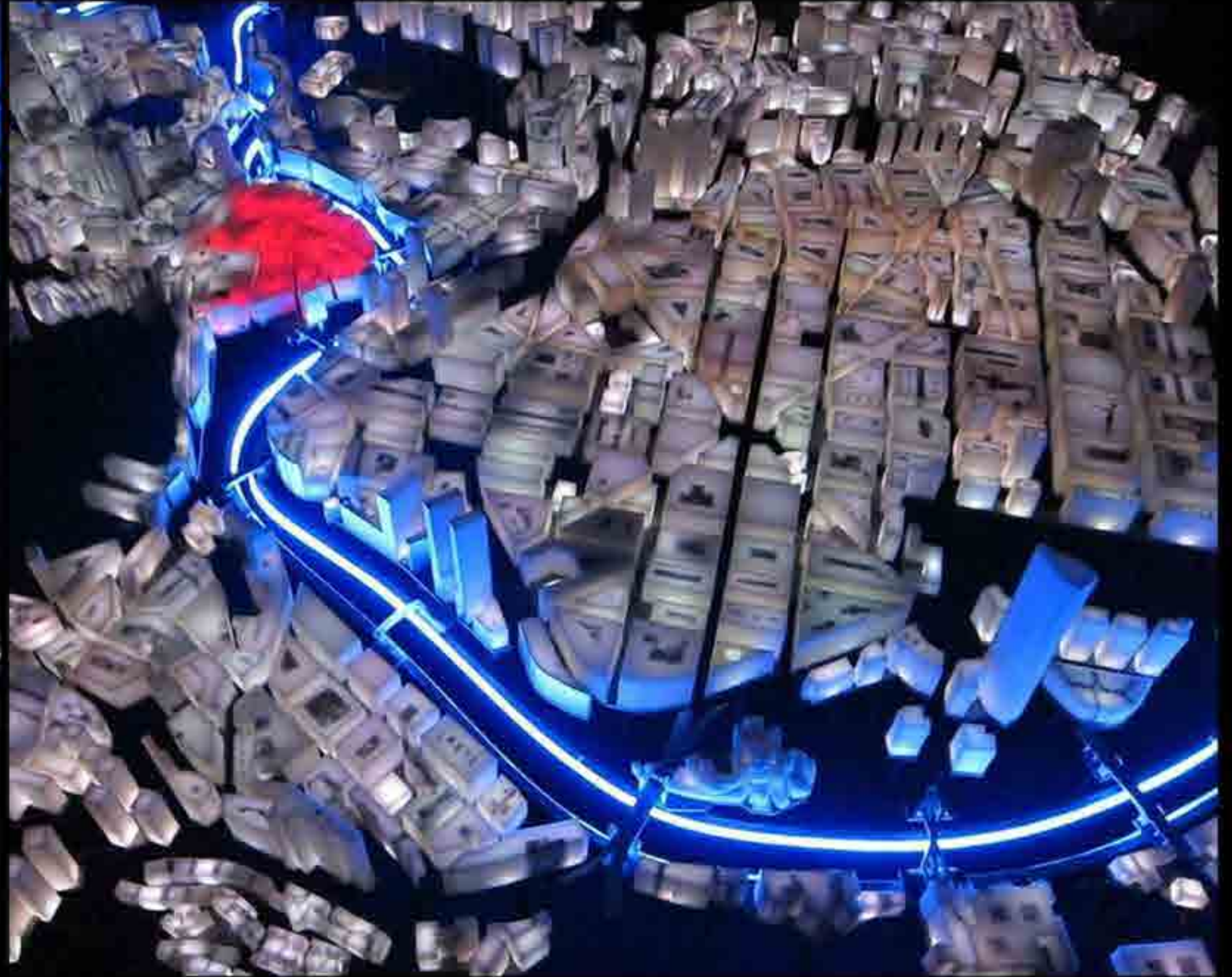




INTEGRACIÓN LOCAL

Aislado ————— ————— Muy Accesible

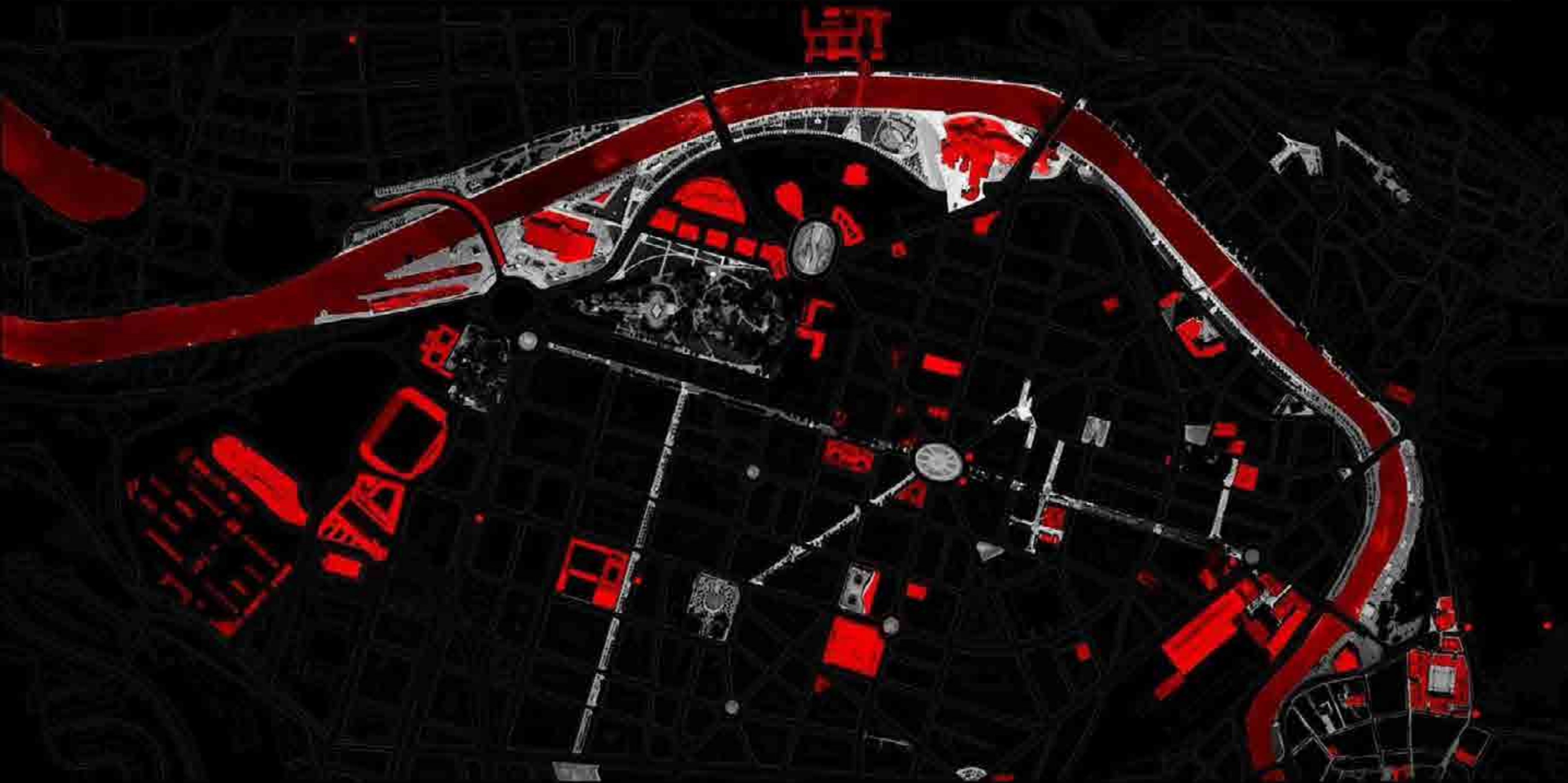
BILBAO. Nodo Singular de Innovación
Análisis de Accesibilidad Relacional



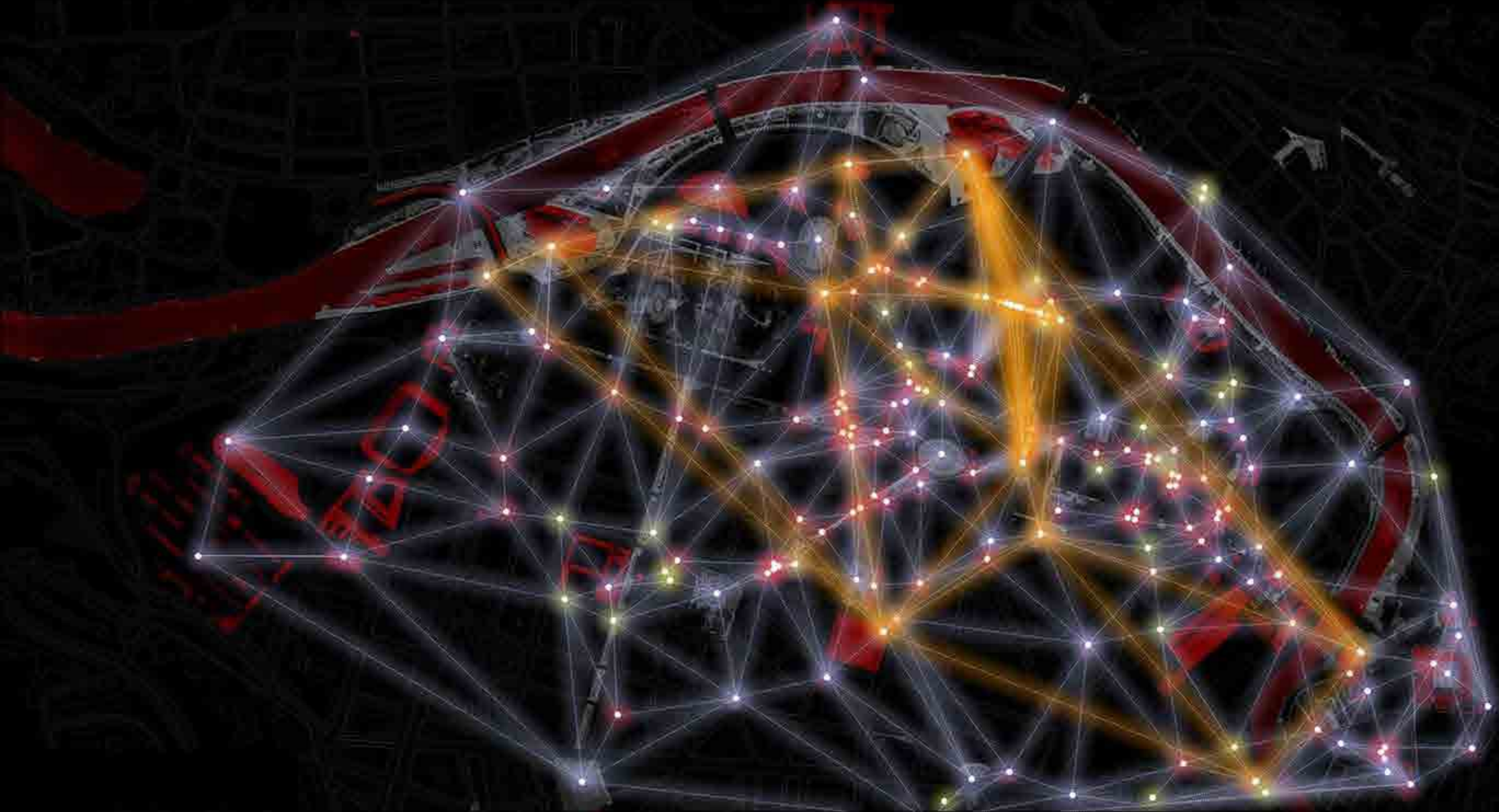
PASADO, PRESENTE Y FUTURO

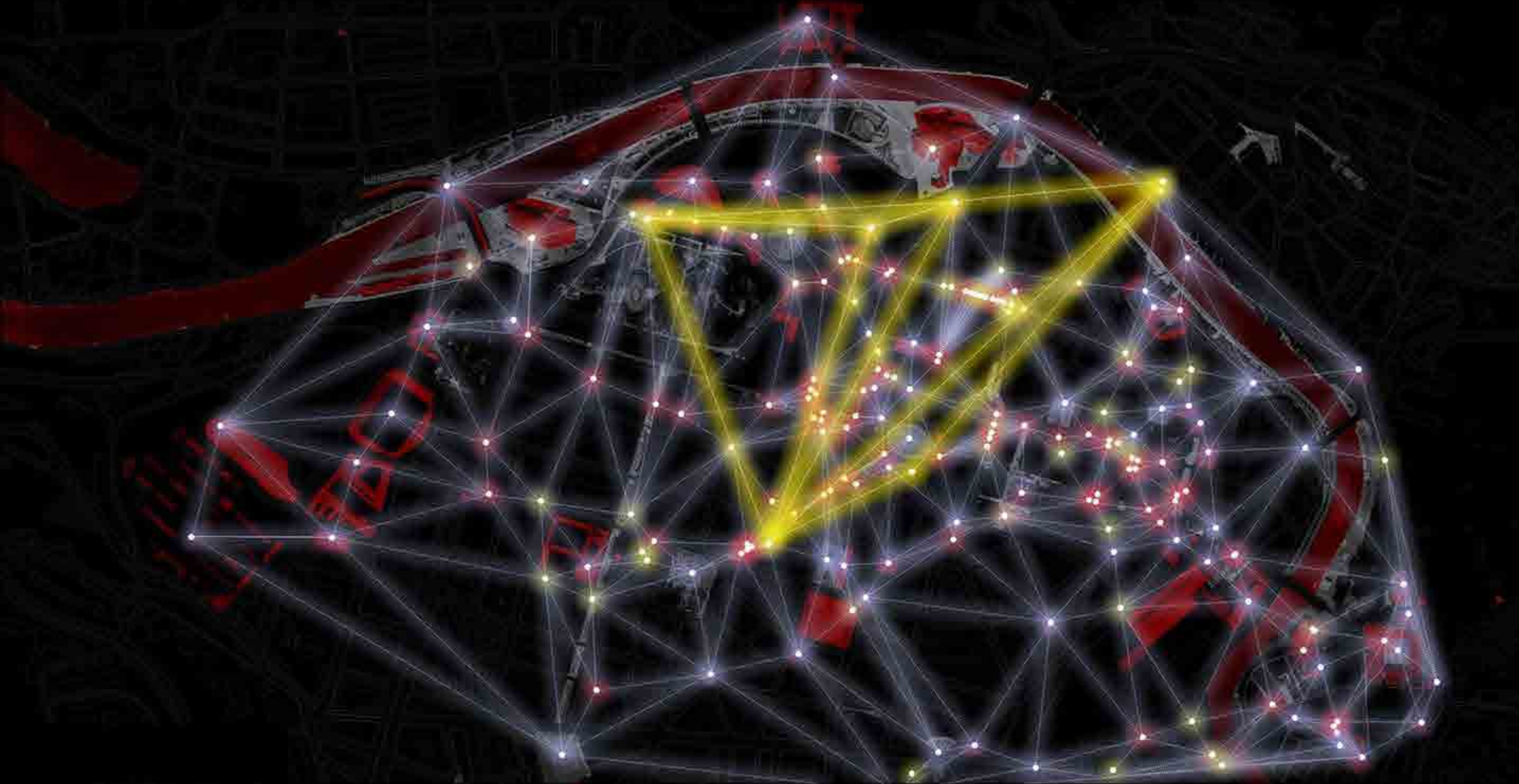


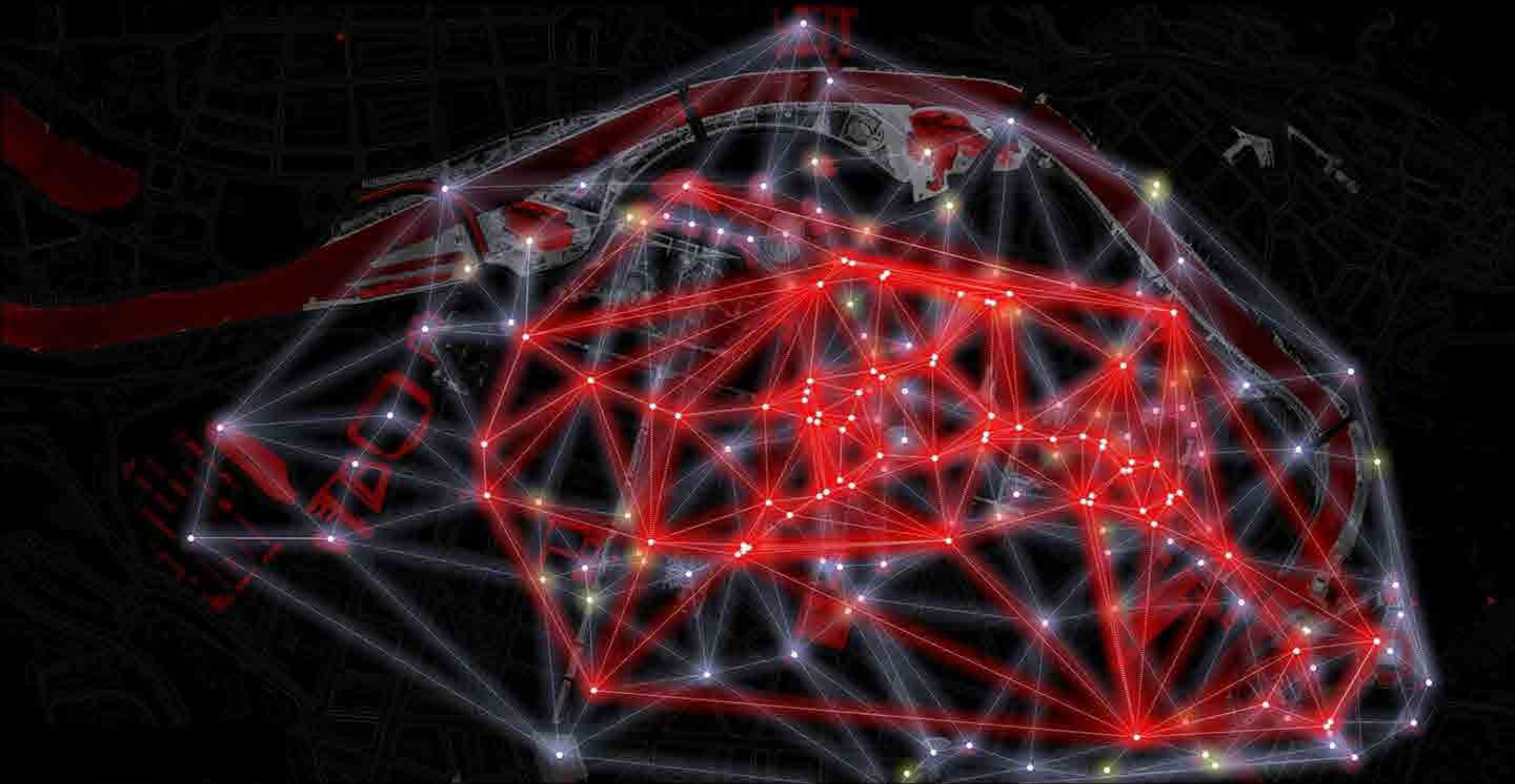


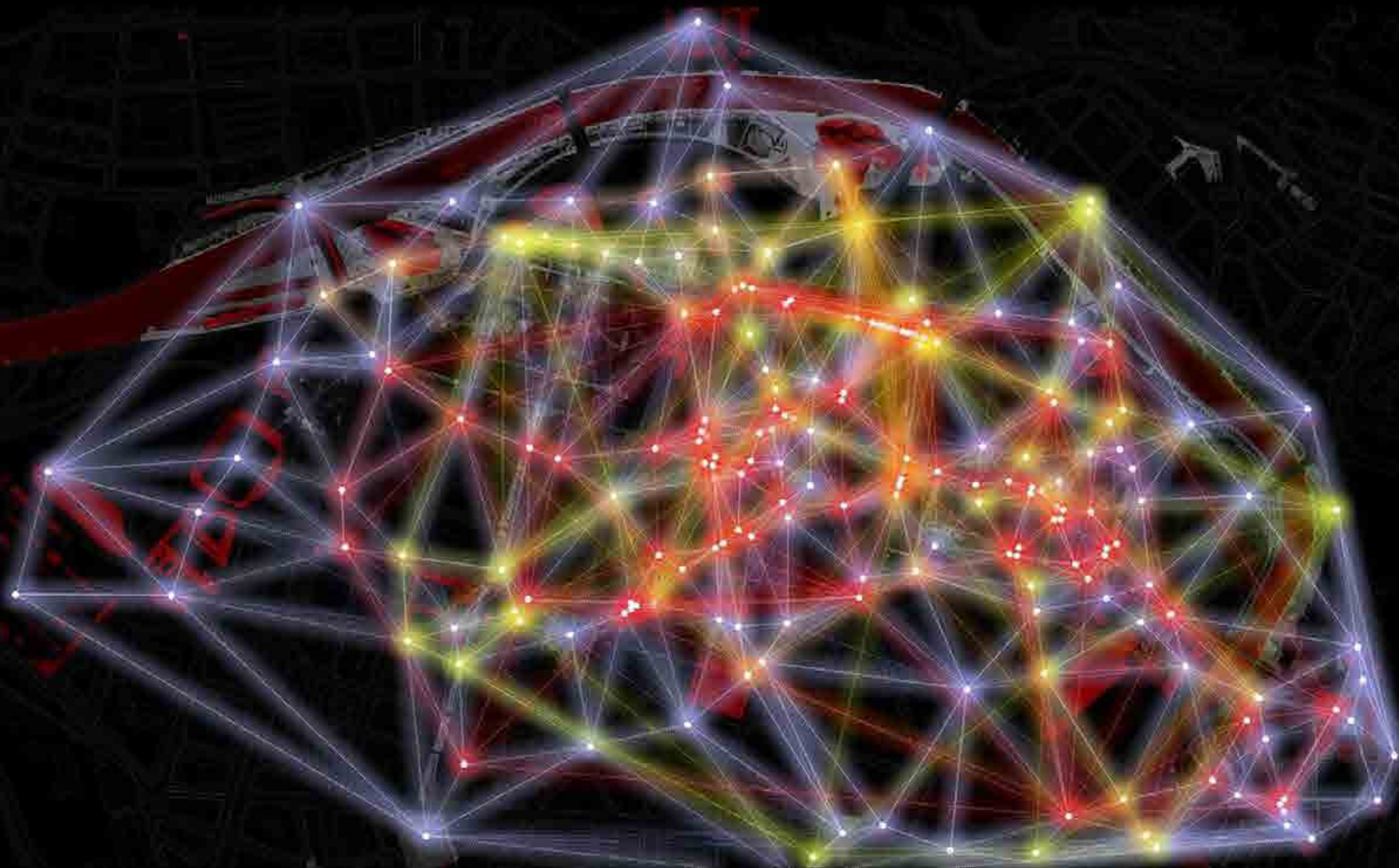






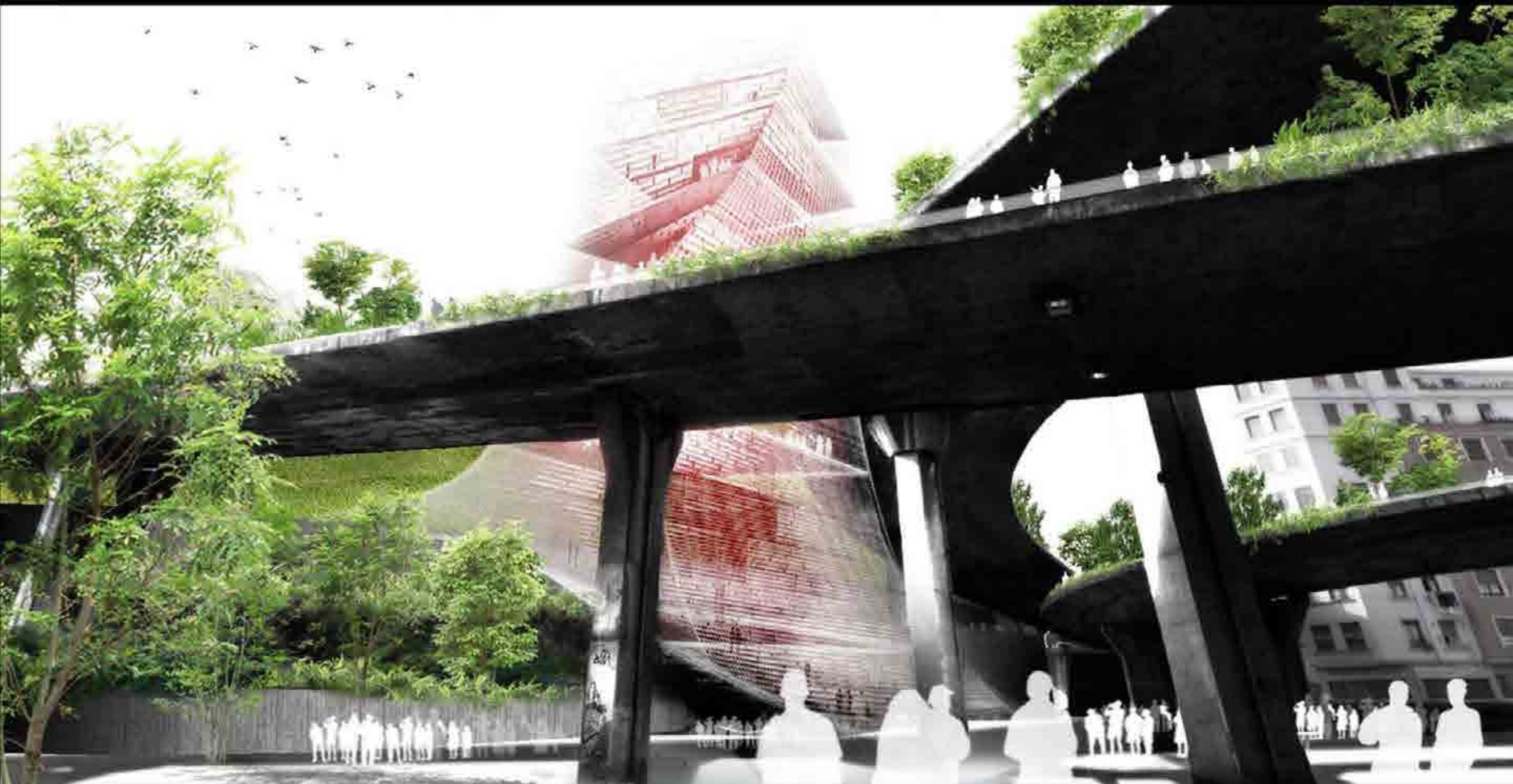










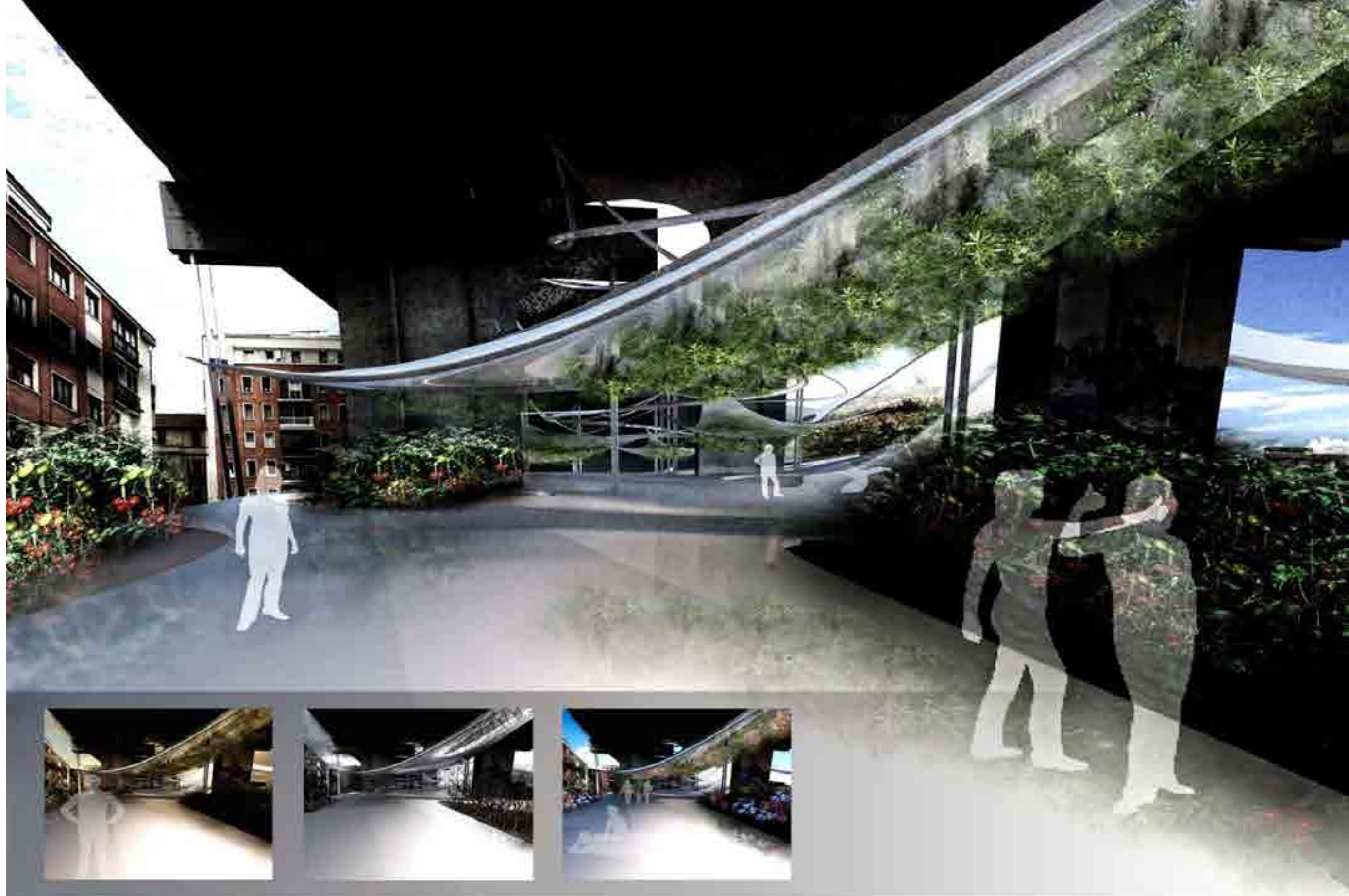








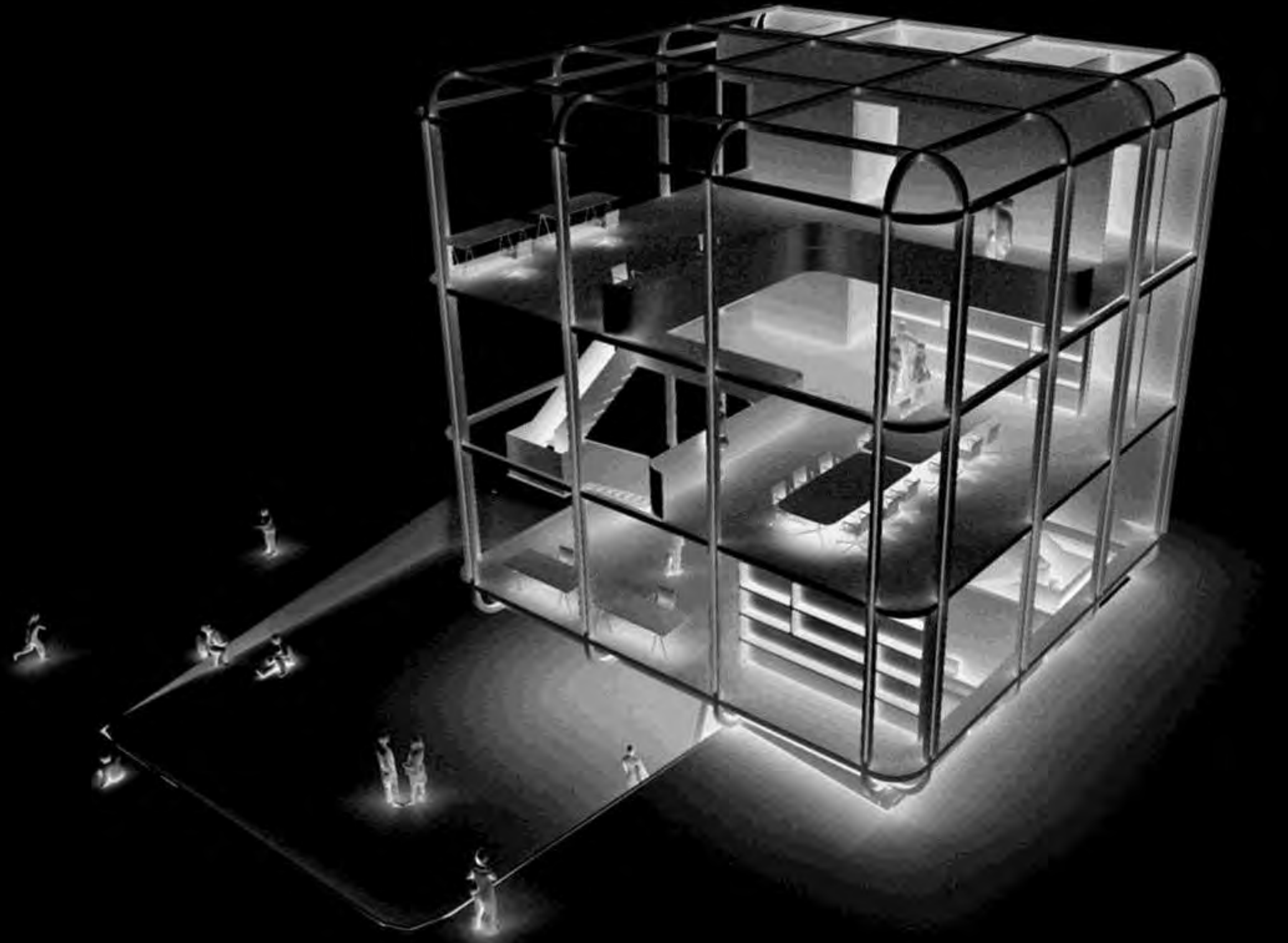
socialite



■ forager ■









A black and white photograph of the Guggenheim Museum Bilbao, featuring its iconic curved, metallic facade. The building is reflected in the water in the foreground. A large, dark sculpture of a spider-like creature is visible on a walkway in front of the museum. The text "BILBAO ART DISTRICT" is overlaid in red, bold, sans-serif font across the center of the image. To the left, a multi-story residential building is visible on a hillside.

BILBAO ART DISTRICT

EXPERIENCIAS INTERNACIONALES

MIAMI
DESIGN
DISTRICT

MIAMI

KING
east
DESIGN
DISTRICT

TORONTO

SEATTLE
DESIGN
DISTRICT
ASSOCIATION

SEATTLE

DESIGN
DISTRICT
HELSINKI

HELSINKI

district
798

BEIJING

Hönnunarmars
DesignMarch
Reykjavík

REYKJAVIC

SANTO
DESIGN
DISTRICT

LISBOA

Brera
DESIGN
DISTRICT
MILANO

MILAN

DESIGN
DISTRICT

BUDAPEST

MY DESIGN
DISTRICT

LAUSSANE

DISTRITO DE LAS ARTES ENSANCHE



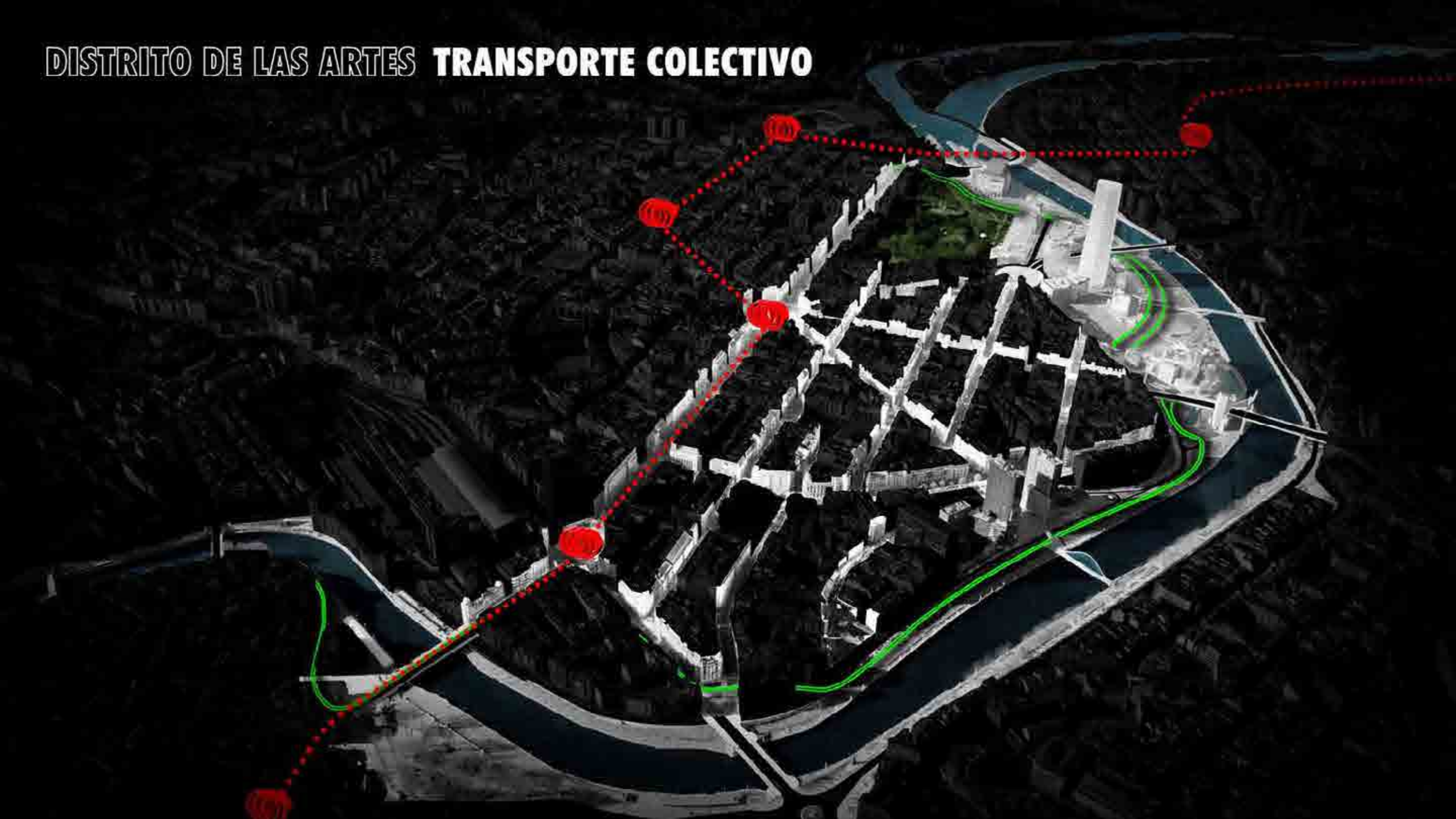
DISTRITO DE LAS ARTES EJES DISTRITO



DISTRITO DE LAS ARTES MUSEOS & GALERIAS & ARTE



DISTRITO DE LAS ARTES TRANSPORTE COLECTIVO



DISTRITO DE LAS ARTES METRO

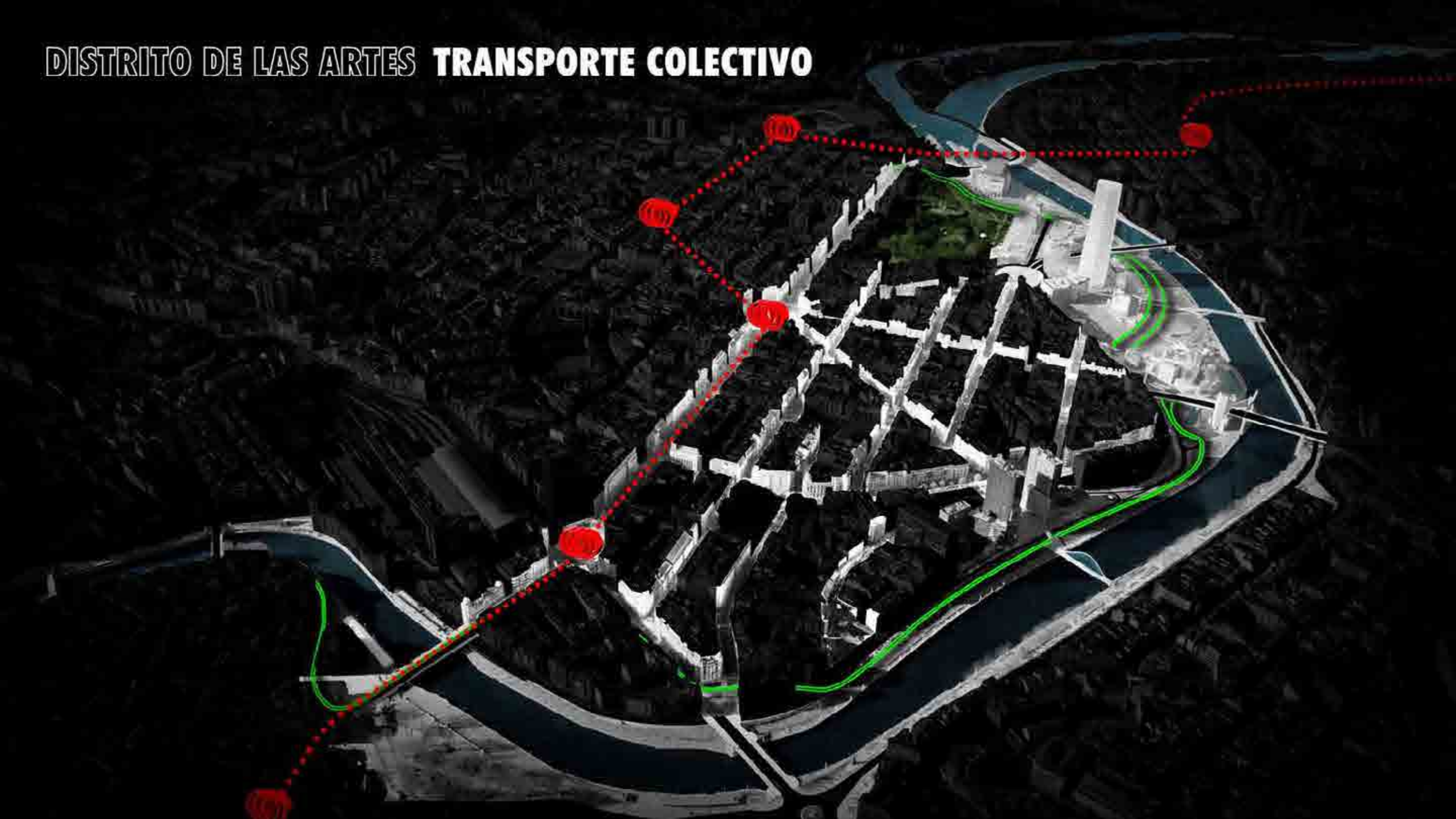


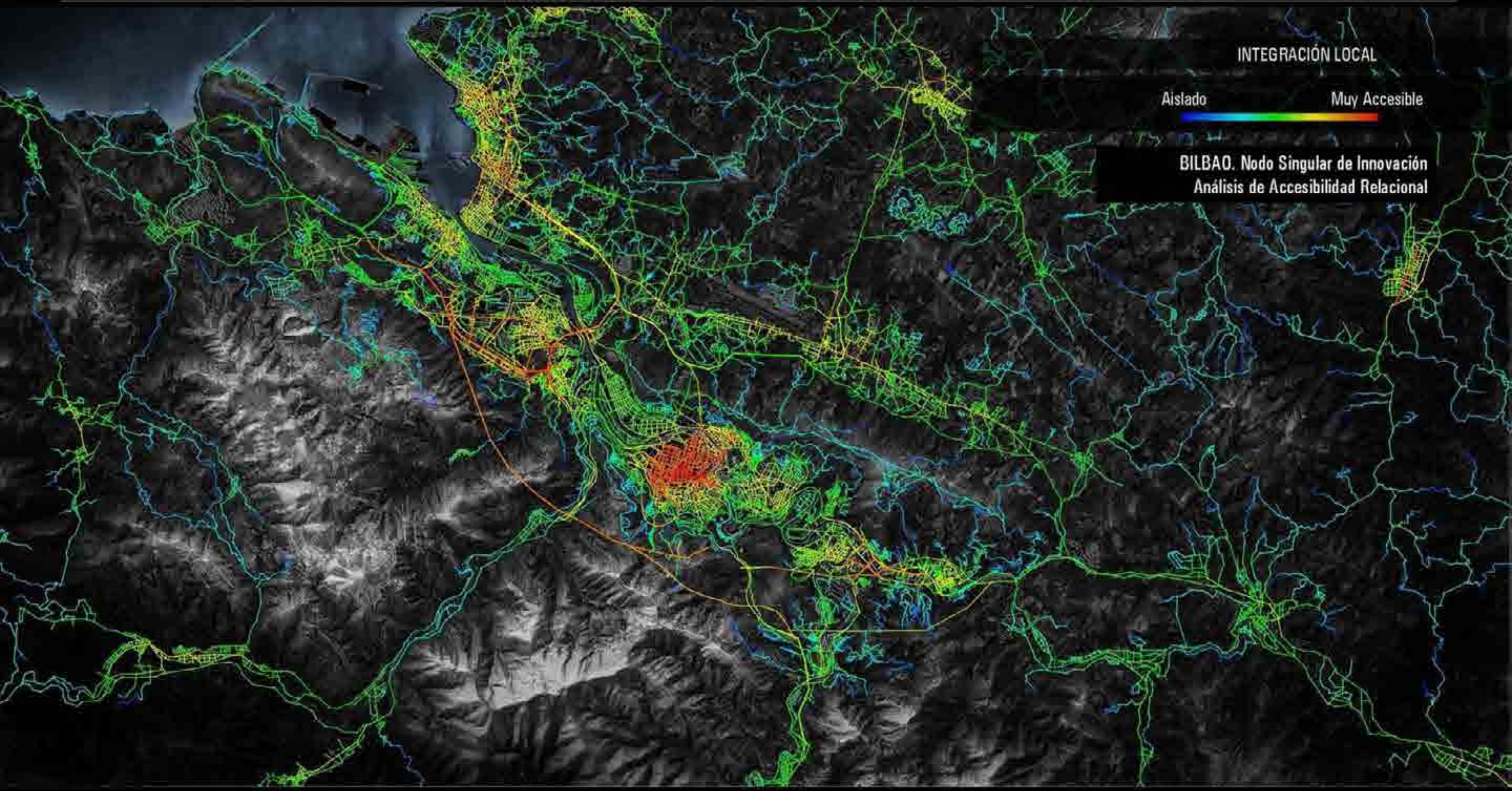
↑ Llano

DISTRITO DE LAS ARTES **TRANVIA**



DISTRITO DE LAS ARTES TRANSPORTE COLECTIVO





INTEGRACIÓN LOCAL

Aislado

Muy Accesible

BILBAO. Nodo Singular de Innovación
Análisis de Accesibilidad Relacional

LA RIA Puentes



LA RIA Puentes



DISTRITO DE LAS ARTES ENSANCHE

SALVADOR DALI

LOUISE BOURGEOIS

JORGE OTEIZA

RICHARD SERRA

ANISH KAPOOR

YVES KLEIN

FUJIKO NAKAYA

EDUARDO CHILLIDA

JEFF KOONS

ANTONIO LOPEZ

DISTRITO DE LAS ARTES ZONAS PEATONALES



EL ARTE Y LA TRANSFORMACIÓN DE LA CIUDAD **RED GLOBAL DISTRITO DEL ARTE**

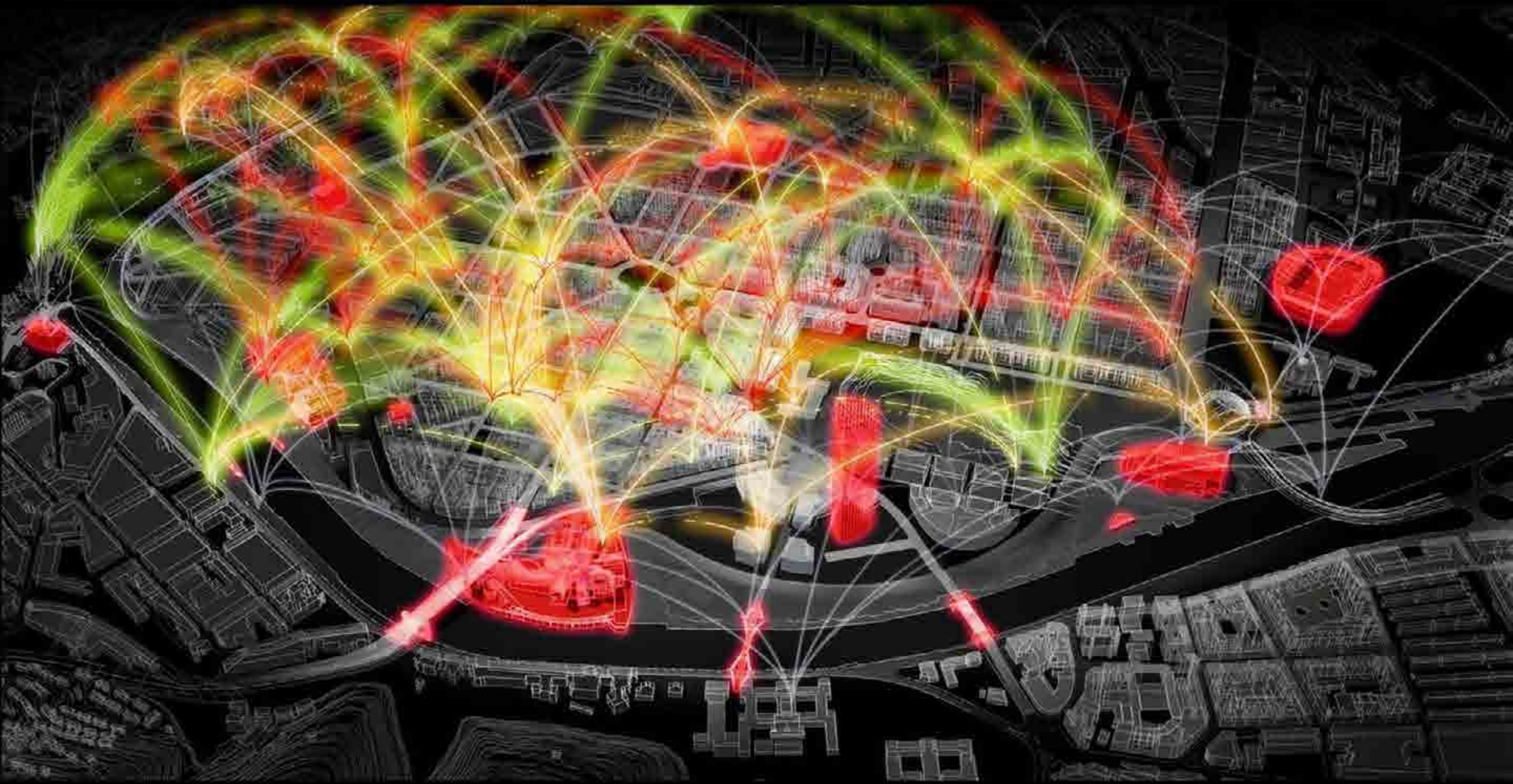


An aerial, high-angle view of a city at night, illuminated with a strong blue light. The buildings are silhouetted against the dark sky, with some windows and streetlights glowing. The overall atmosphere is futuristic and artistic. The title text is centered horizontally across the middle of the image.

BILBAO: ARTE Y TRANSFORMACIÓN DE LA CIUDAD

DISTRITO DE LAS ARTES ENSANCHE





Art and Technology. DESIGN

Art Schools
Art Institutions
Museums
Galleries
Sculpture
Digital Art
Ars Electronica
Fashion Design
Graphic Design
Furniture Design
Product Design
New Materials
Videogames
Art and Territory
International Events
Art and Culture Centers
Scenic Arts

THREE INNOVATION AXIS

Tourism, Quality of life, Health

Cultural Tourism
Business Tourism
Health Tourism
Culinary Tourism
Nature Tourism
Rural Tourism
Third-Age Tourism
Health Checks
Anti-aging
Curative Health
Health Assistance
Sports Health
Transportation Services
Travel Agencies
Healthy Diet
Restaurants
Hotels



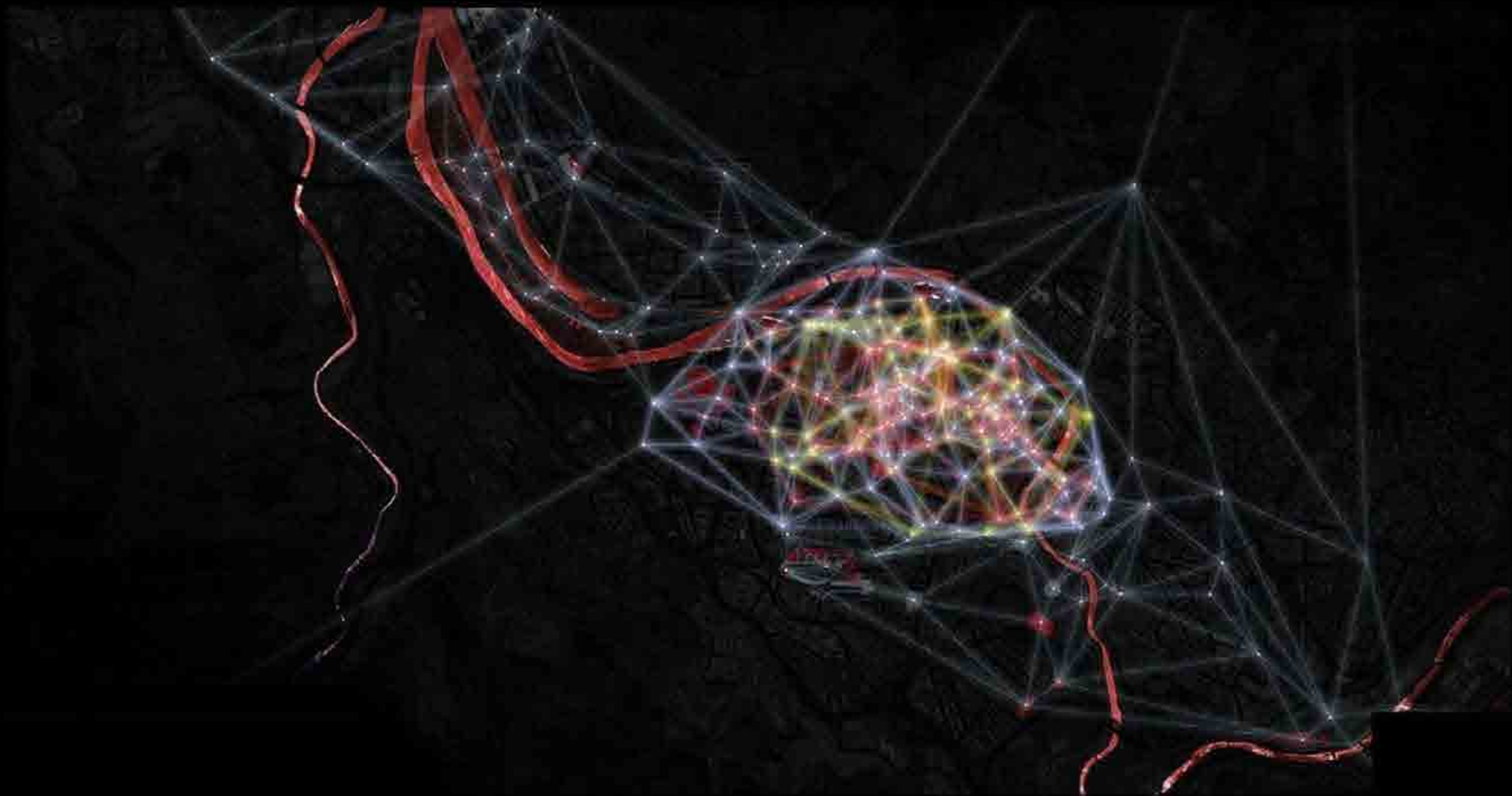
THREE INNOVATION AXIS

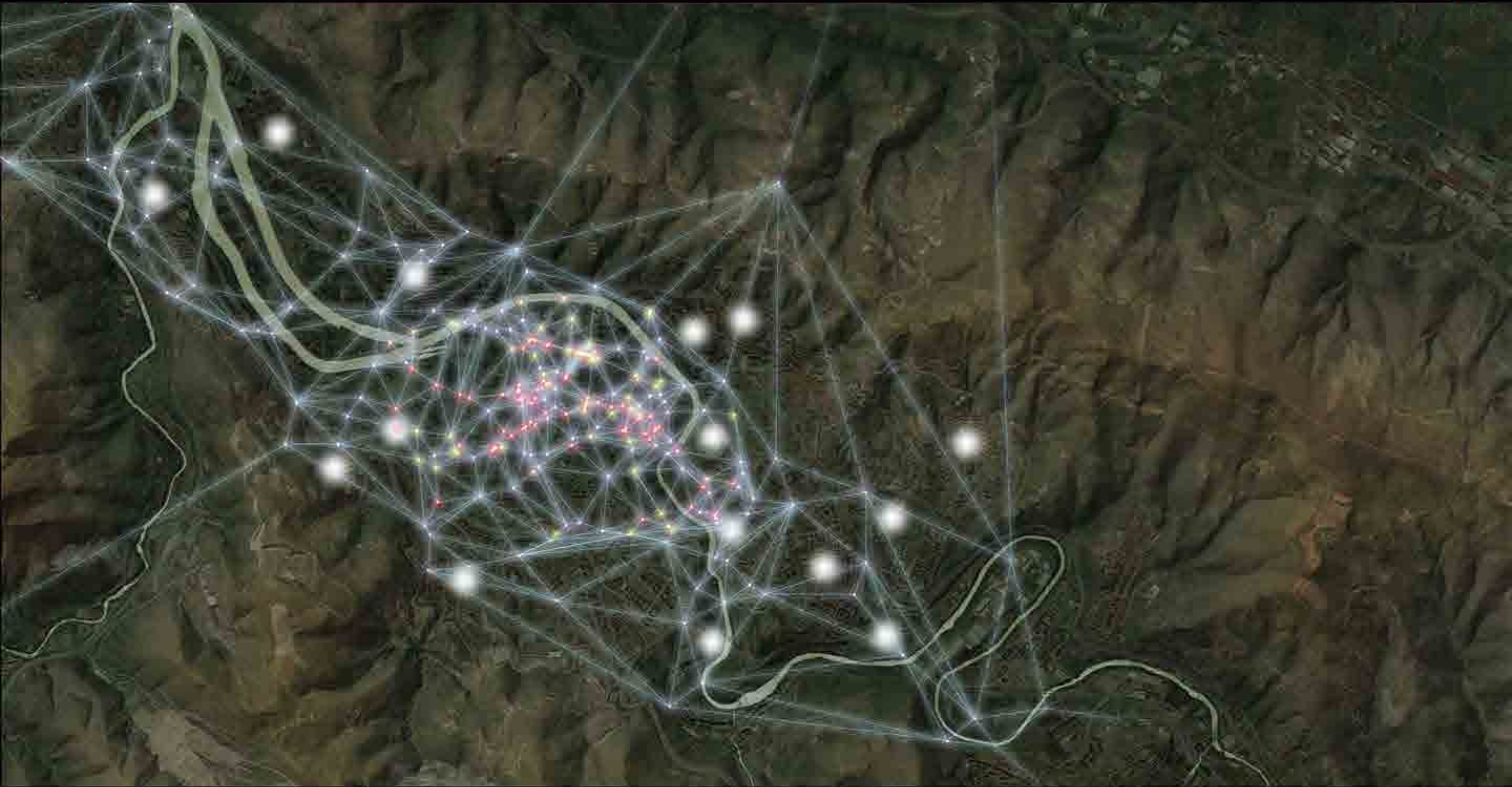
Eco-Technology and Urban Solutions

- Architecture
- Urban Design
- Foundations
- Bioclimatic Architecture
- Zero Buildings
- Alternative Energies Development
- Sports Facilities
- Eco-Construction
- Eco-Technology
- Engineering
- Smart Districts
- Research Centers
- Hybrid Buildings
- Urban Transportation
- Sustainable Mobility



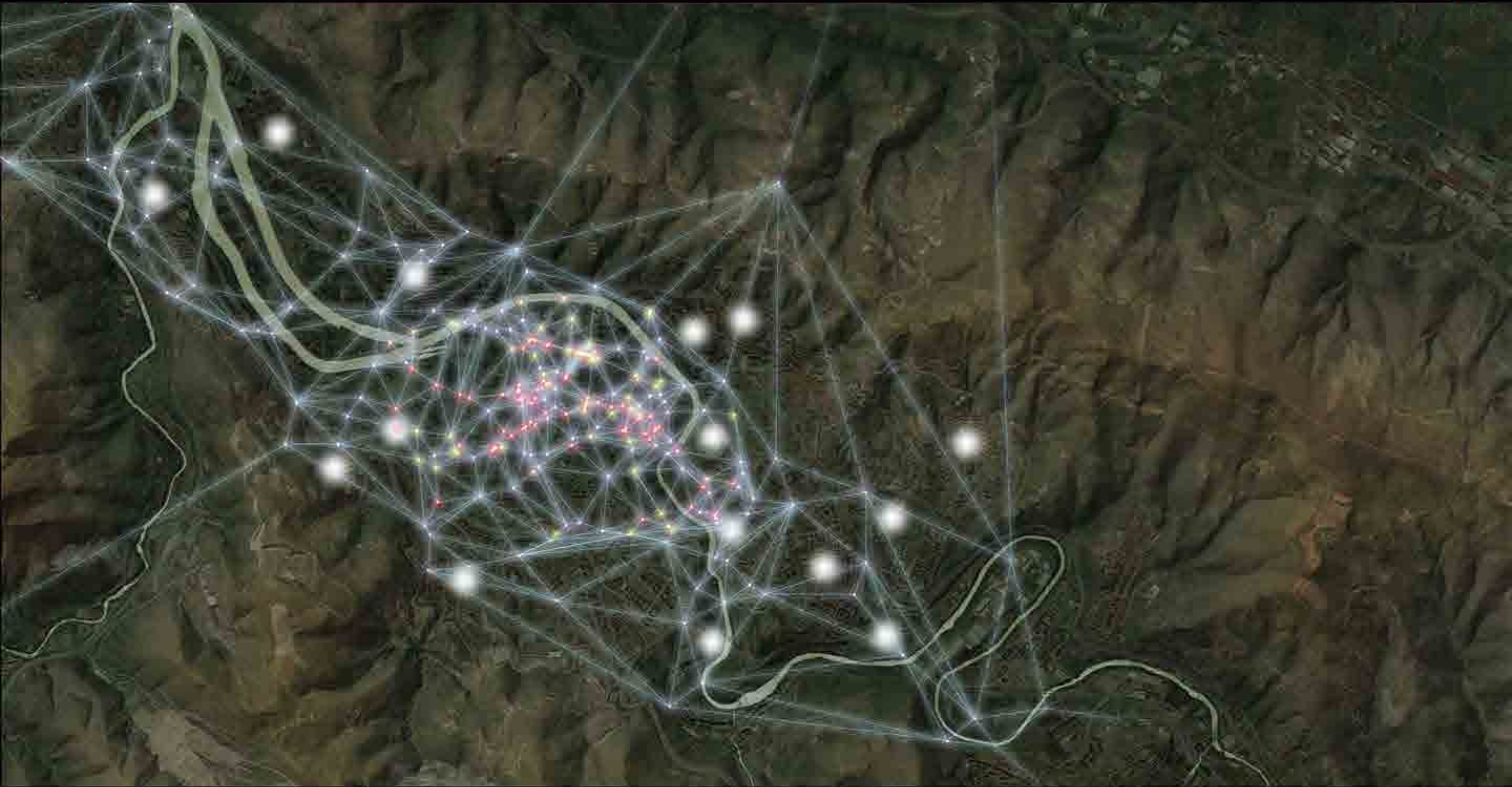
THREE INNOVATION AXIS

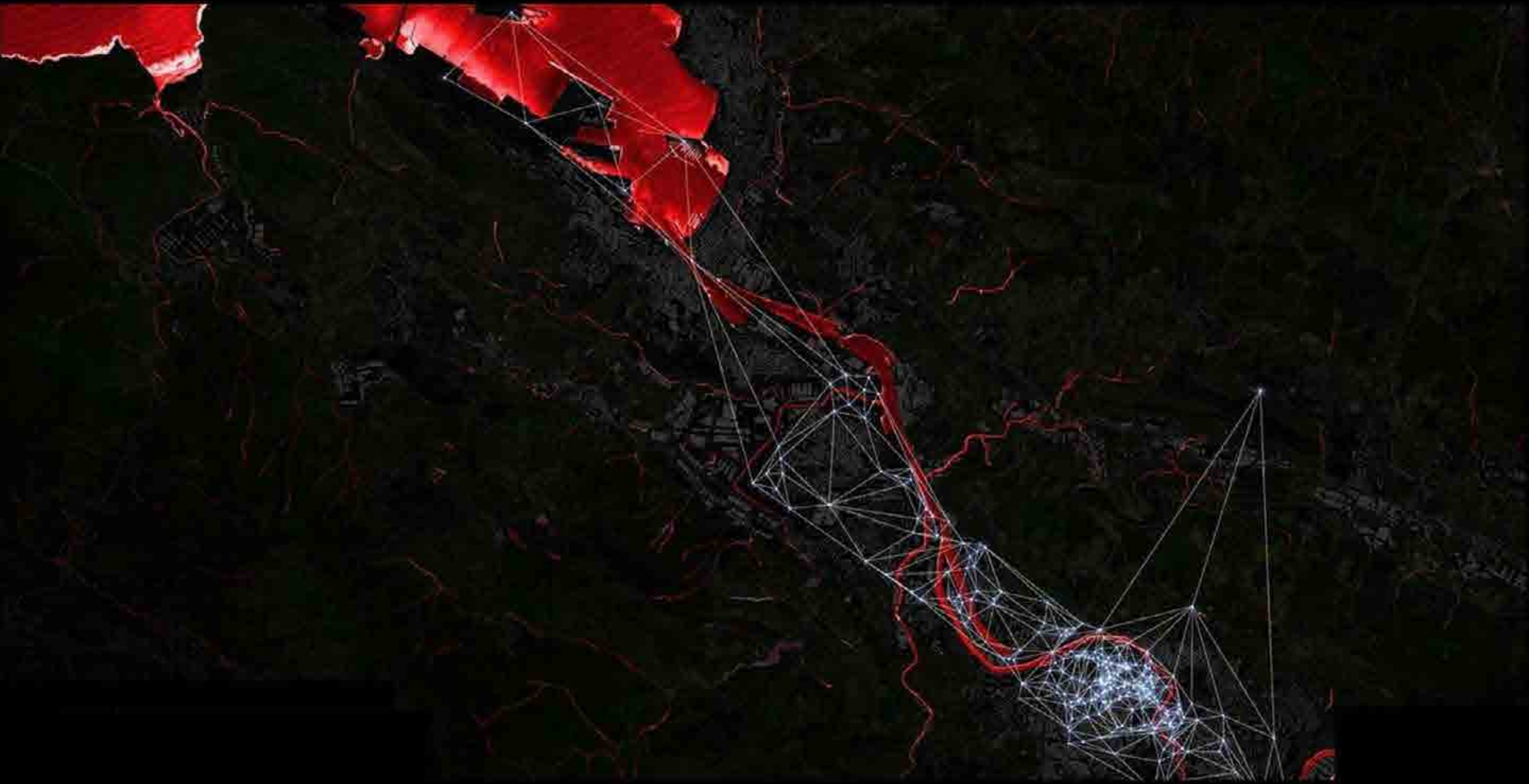


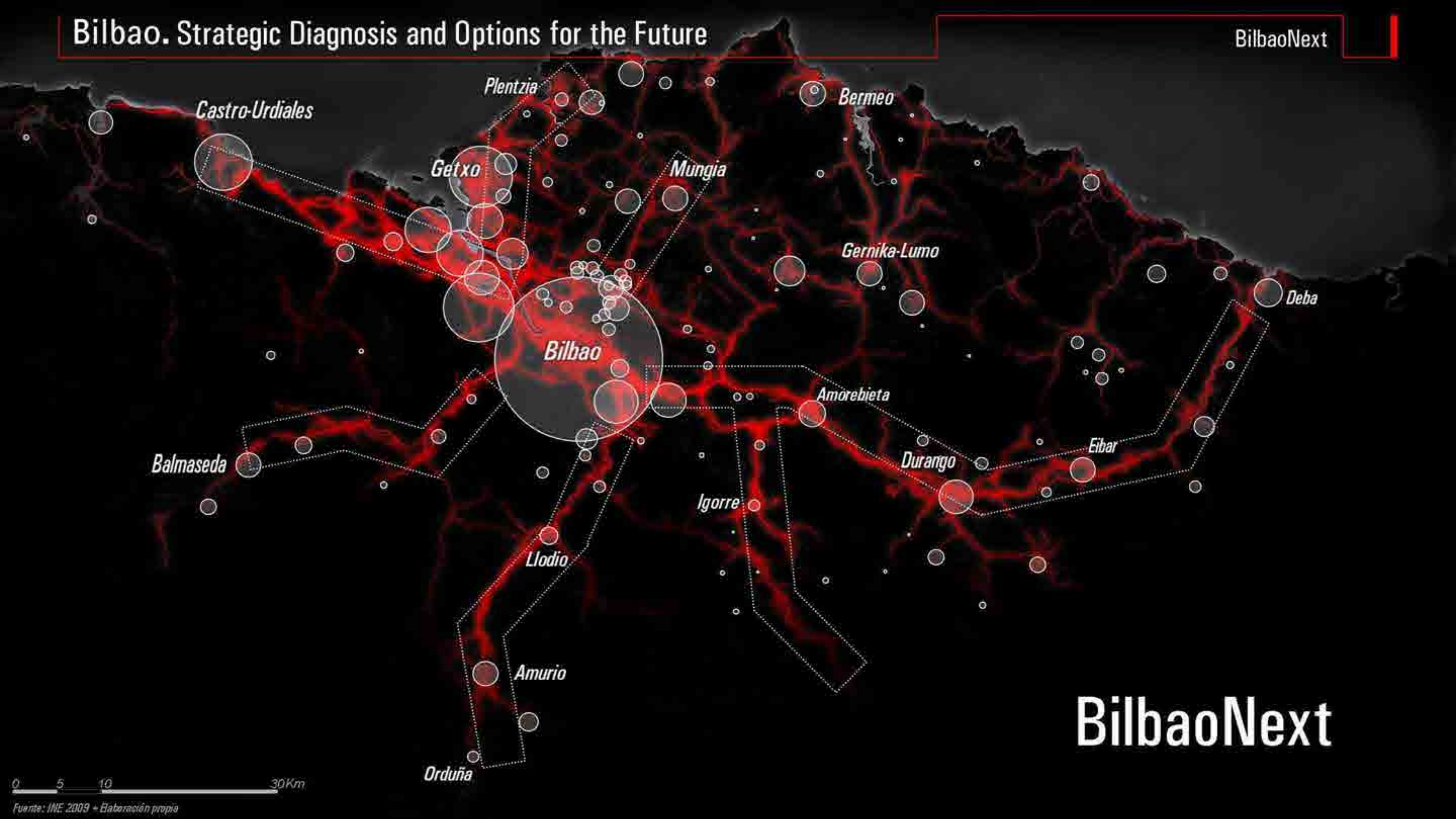




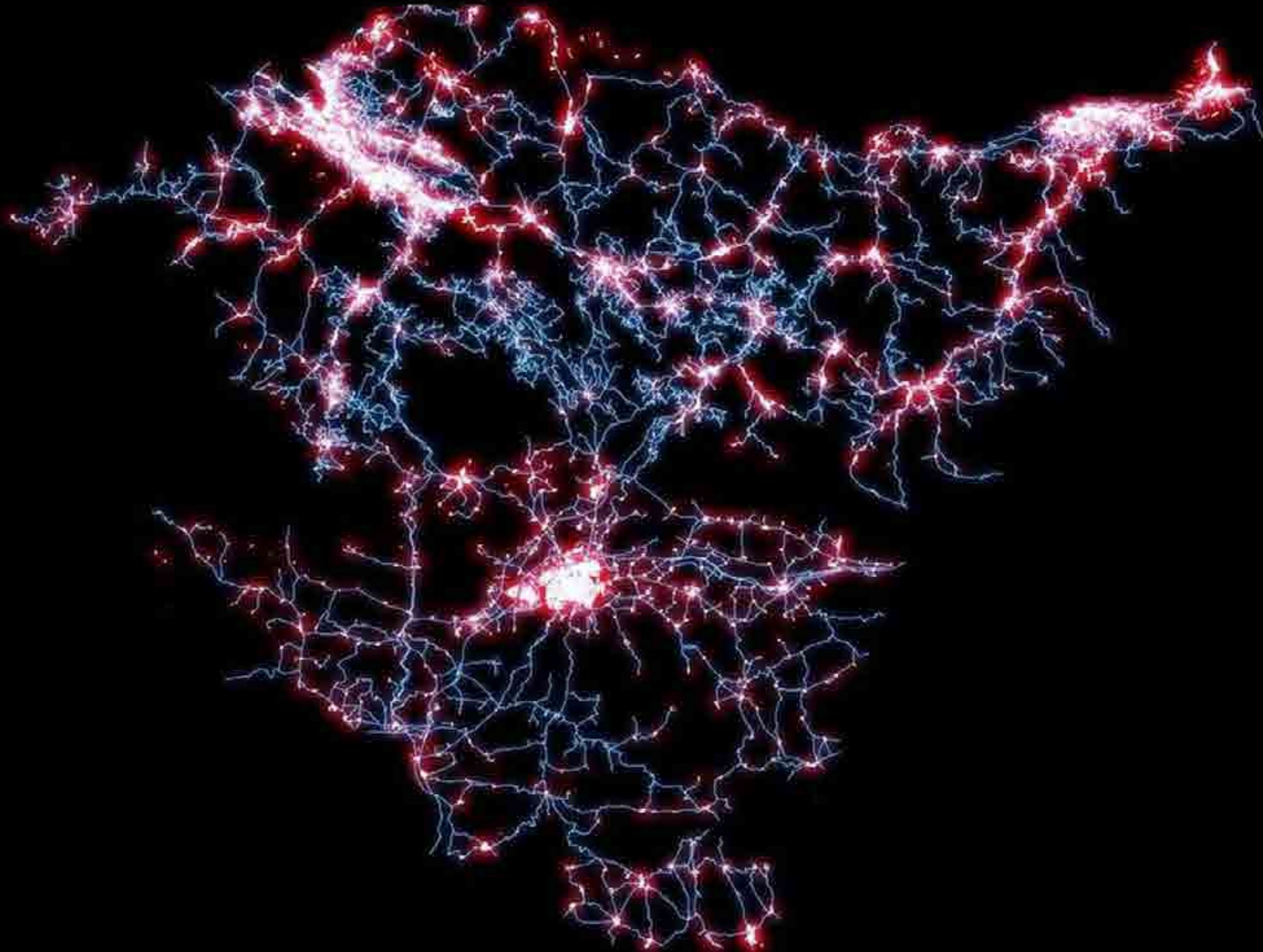








BilbaoNext



Interconnecting the Basque Capital Cities

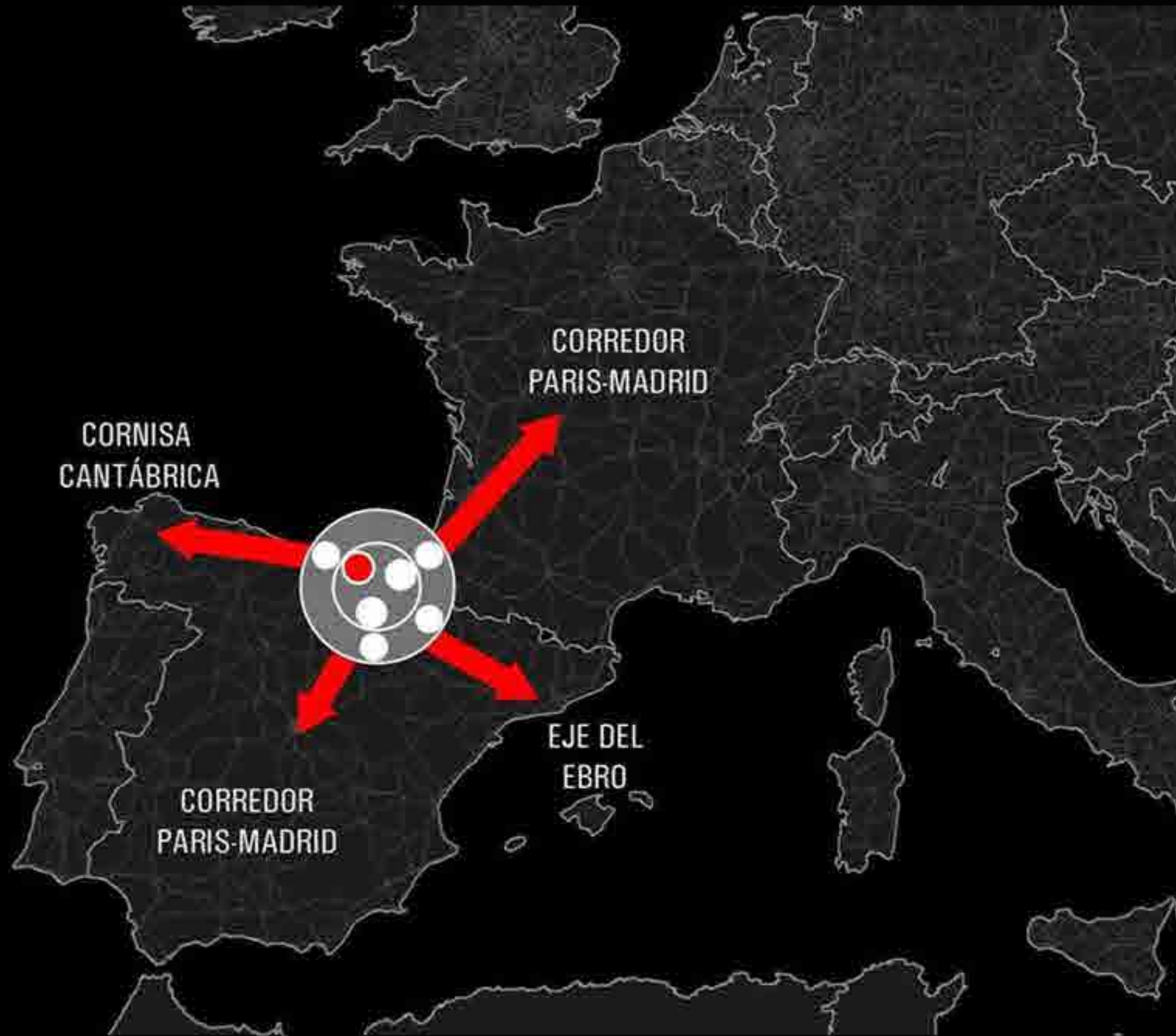
Travel time between the cities

Tiempos de viaje en autobús

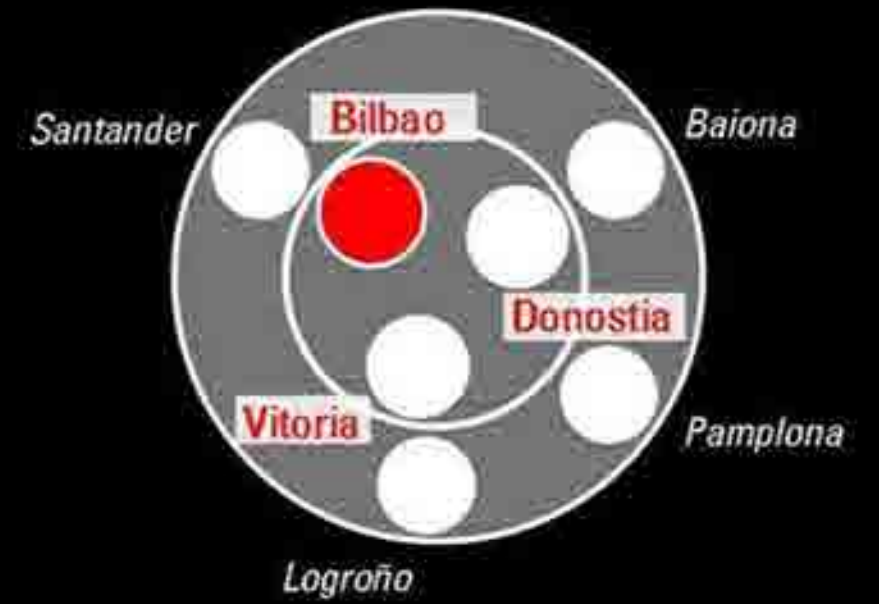


Tiempos de viaje en TAV

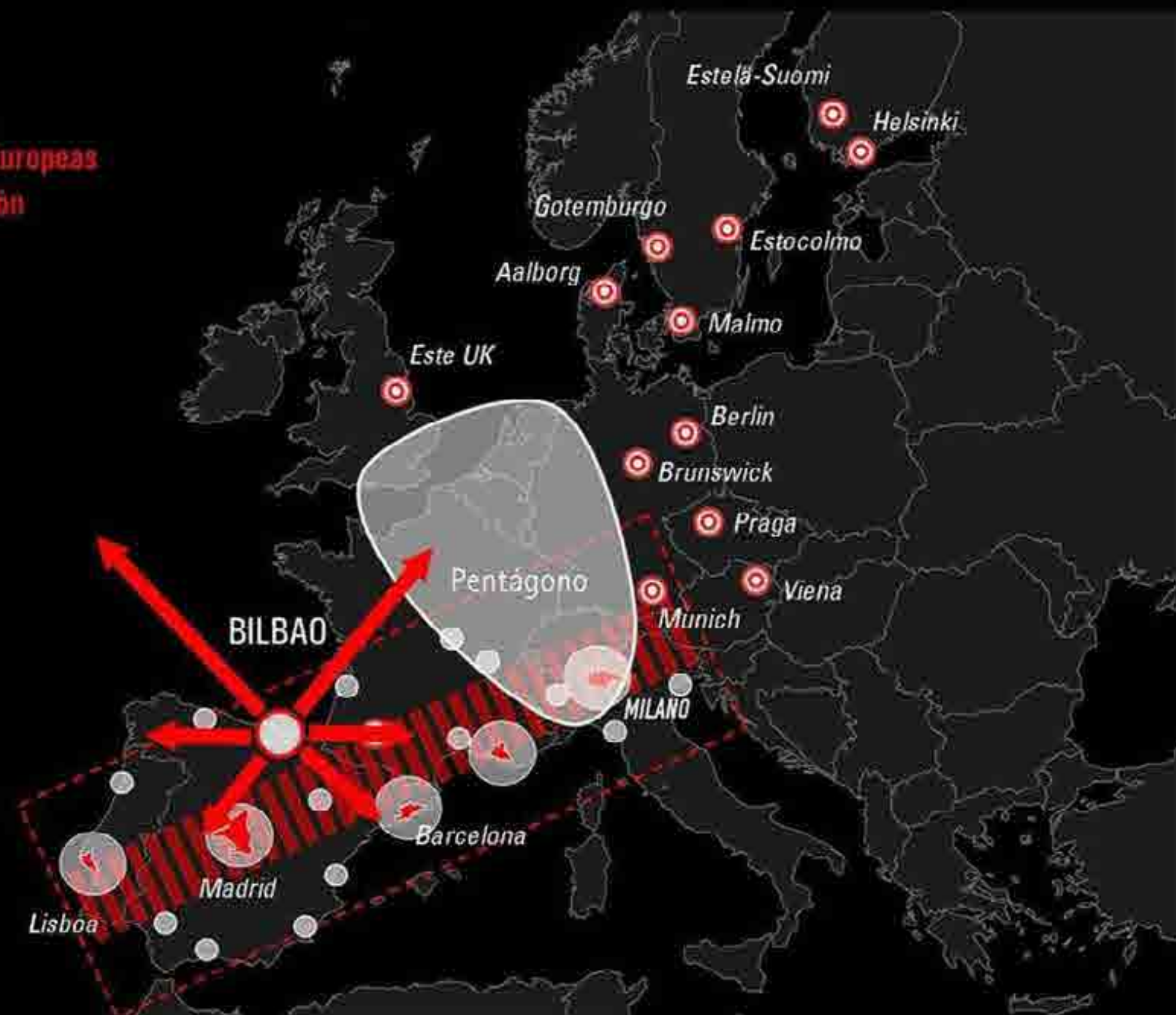




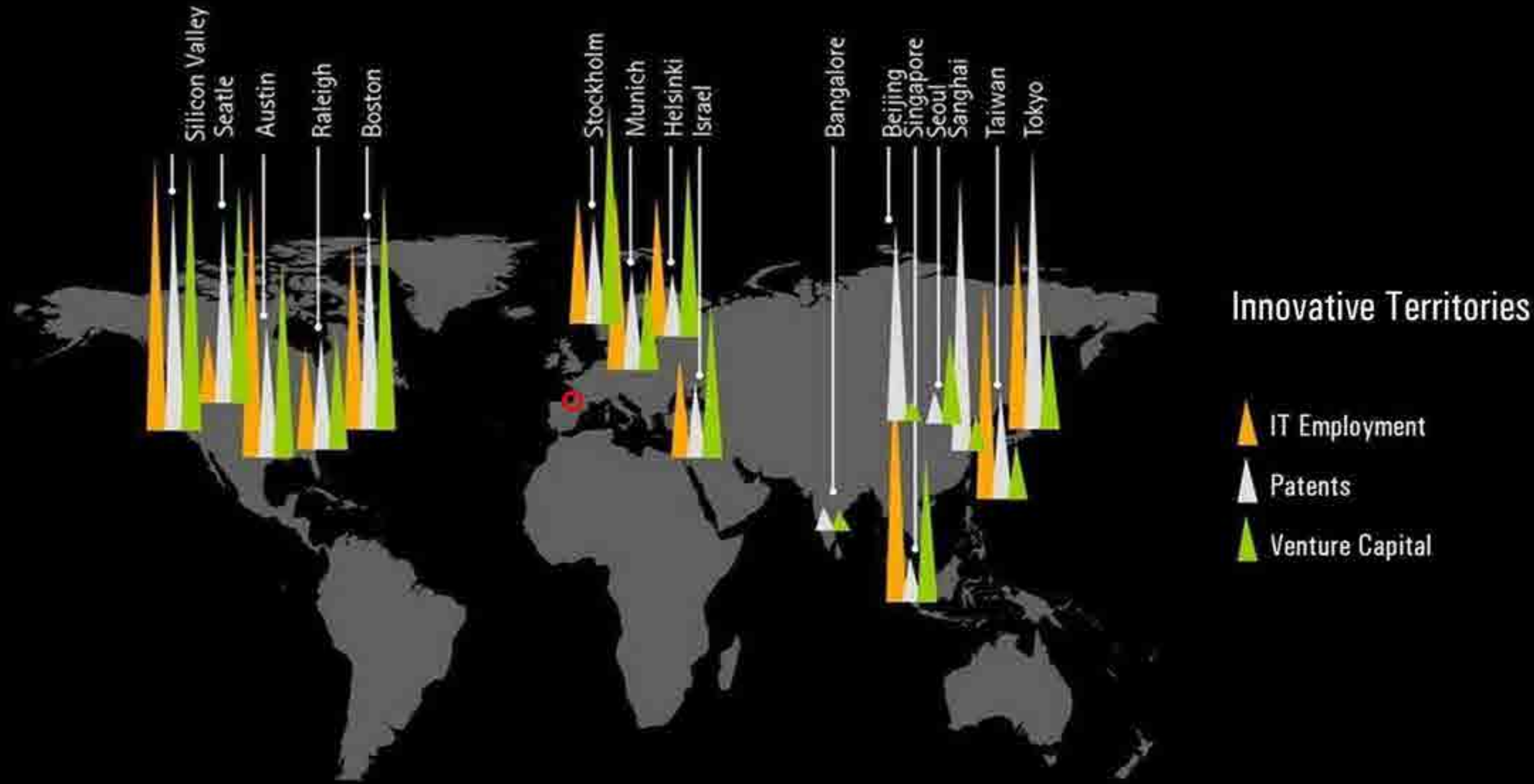
Global Vocation and Regional Insertion



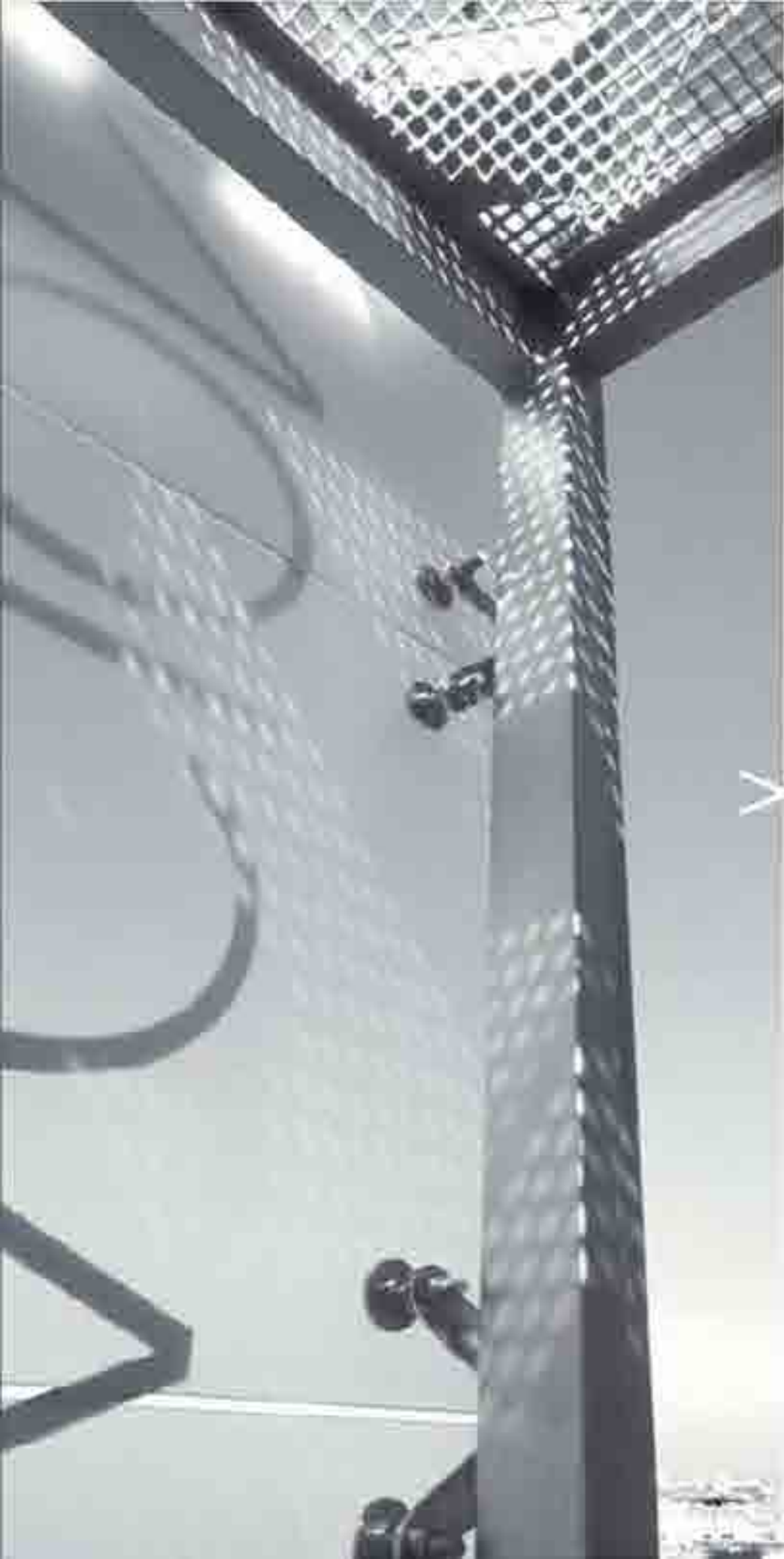
Regiones Europeas
Nueva Visión



Oportunidades de articulación regional
Protagonismo Europeo

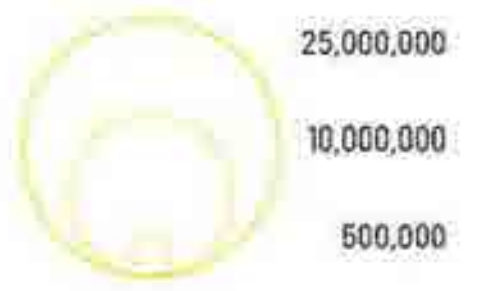
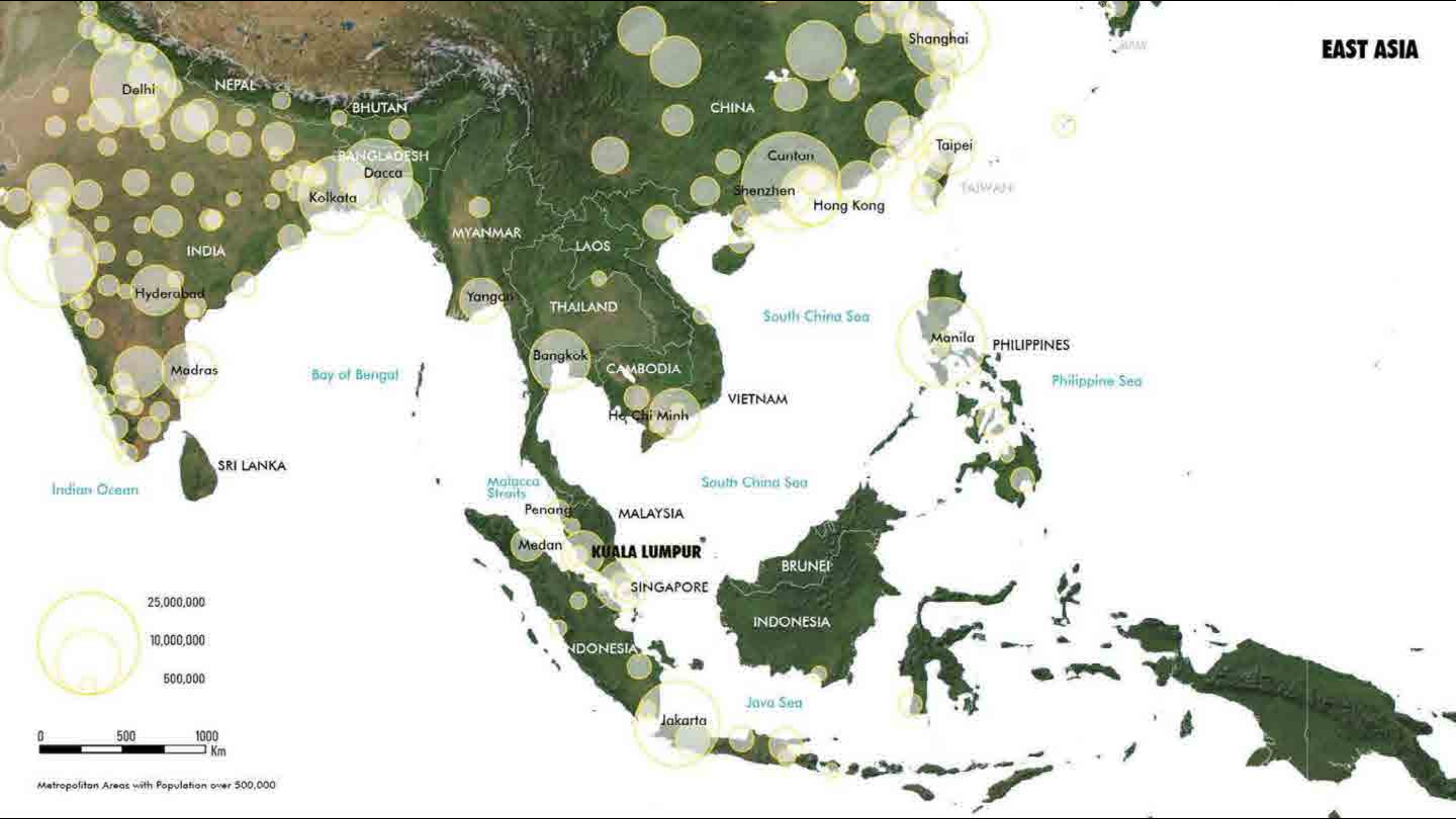


Cities as Ecosystems of Innovation

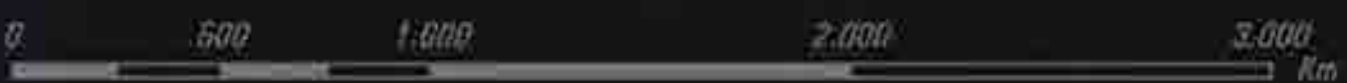
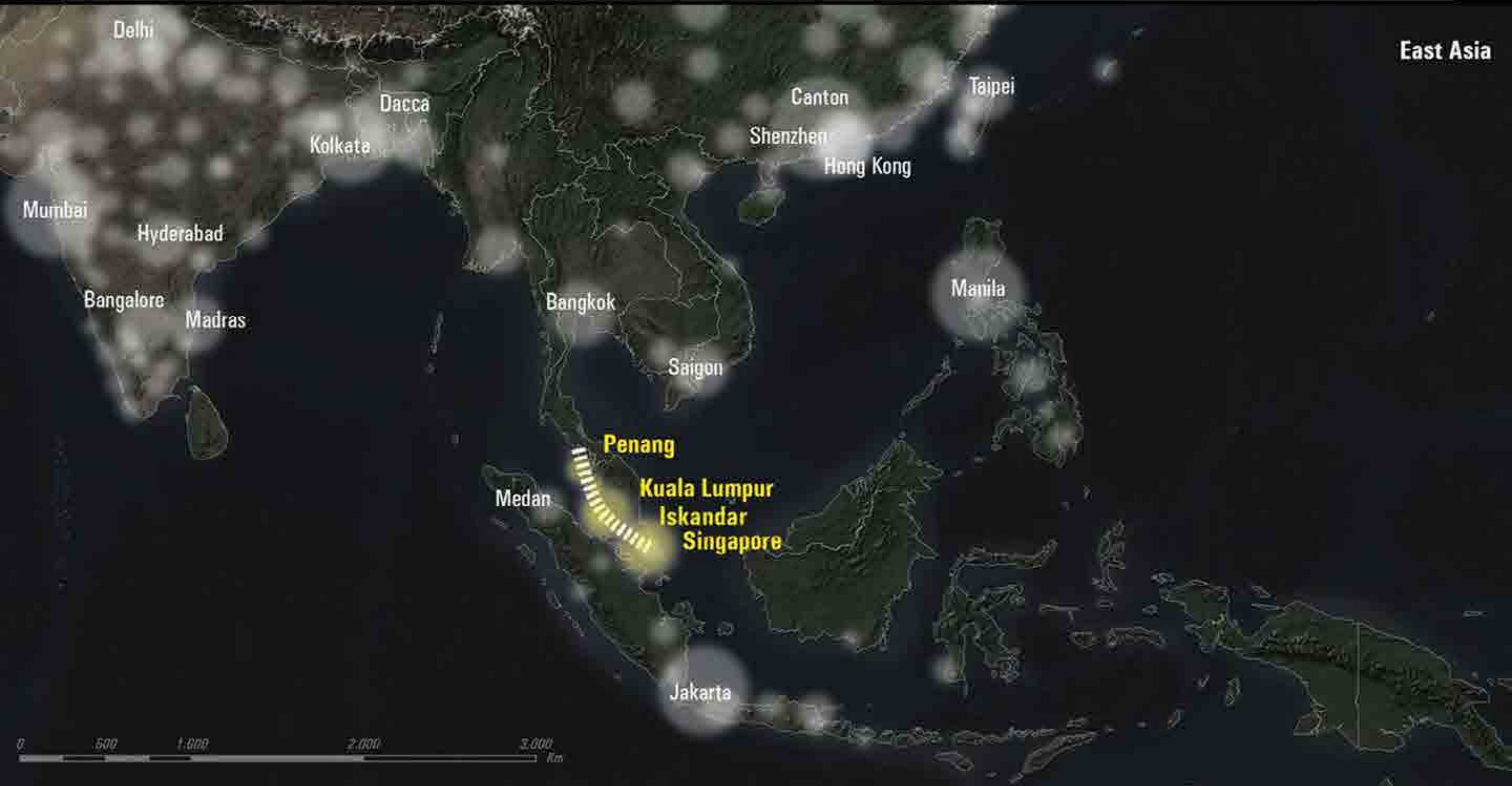


URBAN INNOVATION
IN THE MALACCA STRAITS DIAGONAL

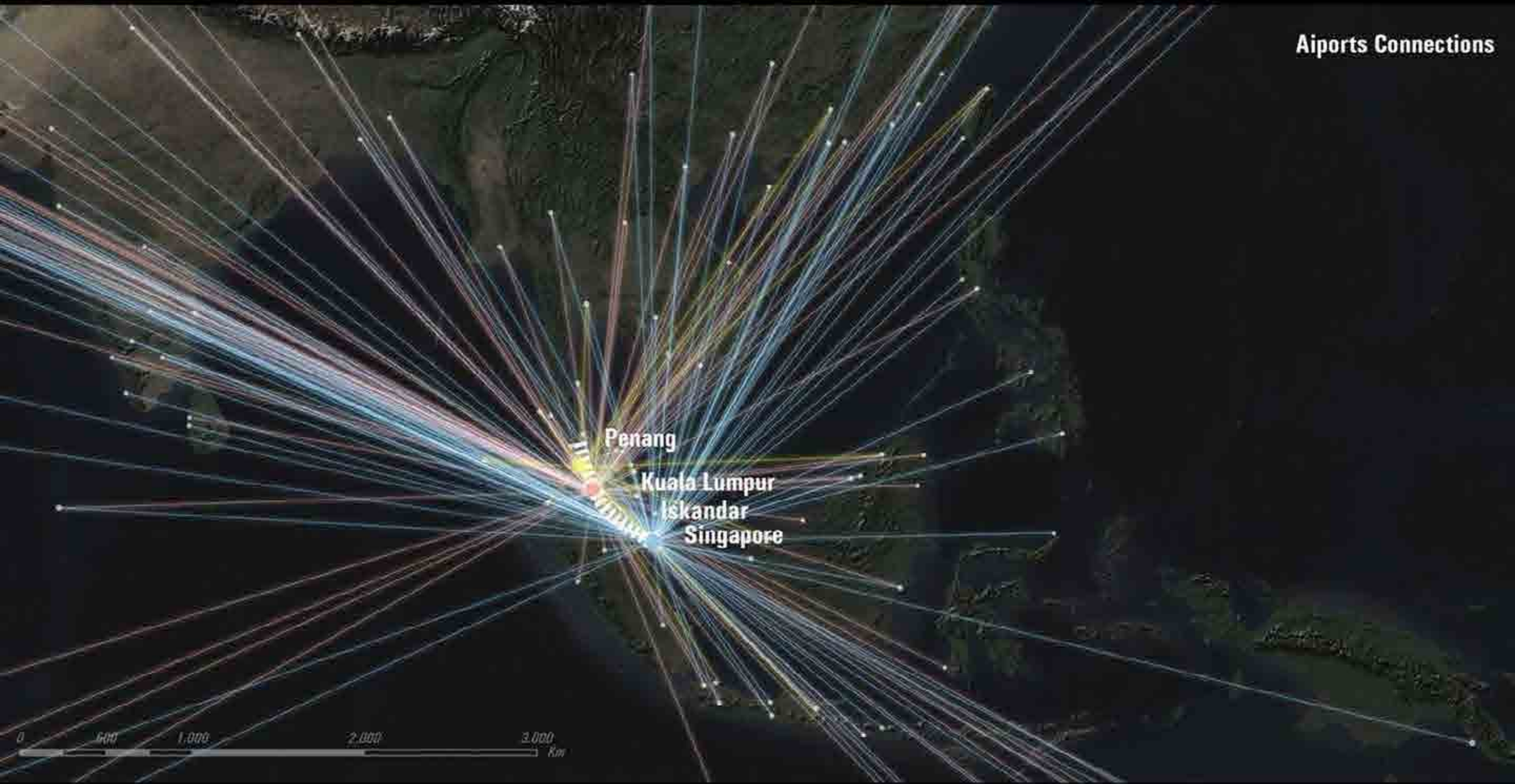
EAST ASIA



Metropolitan Areas with Population over 500,000



Aiports Connections



Weekly Flight Frequency

OVER 600 WEEKLY FLIGHTS
(+ 31,000 flights per year)
IN THE MALACCA STRAITS
DIAGONAL

X Number of weekly flights
--- Future Route



Penang International



Sultan Abdul Aziz Shah (Subang)



Kuala Lumpur International



Malacca International



Semai International



Changi International



70

133

14

74

70

14

49

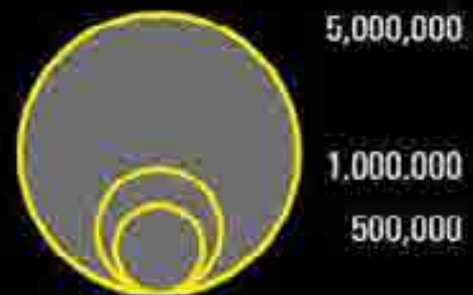
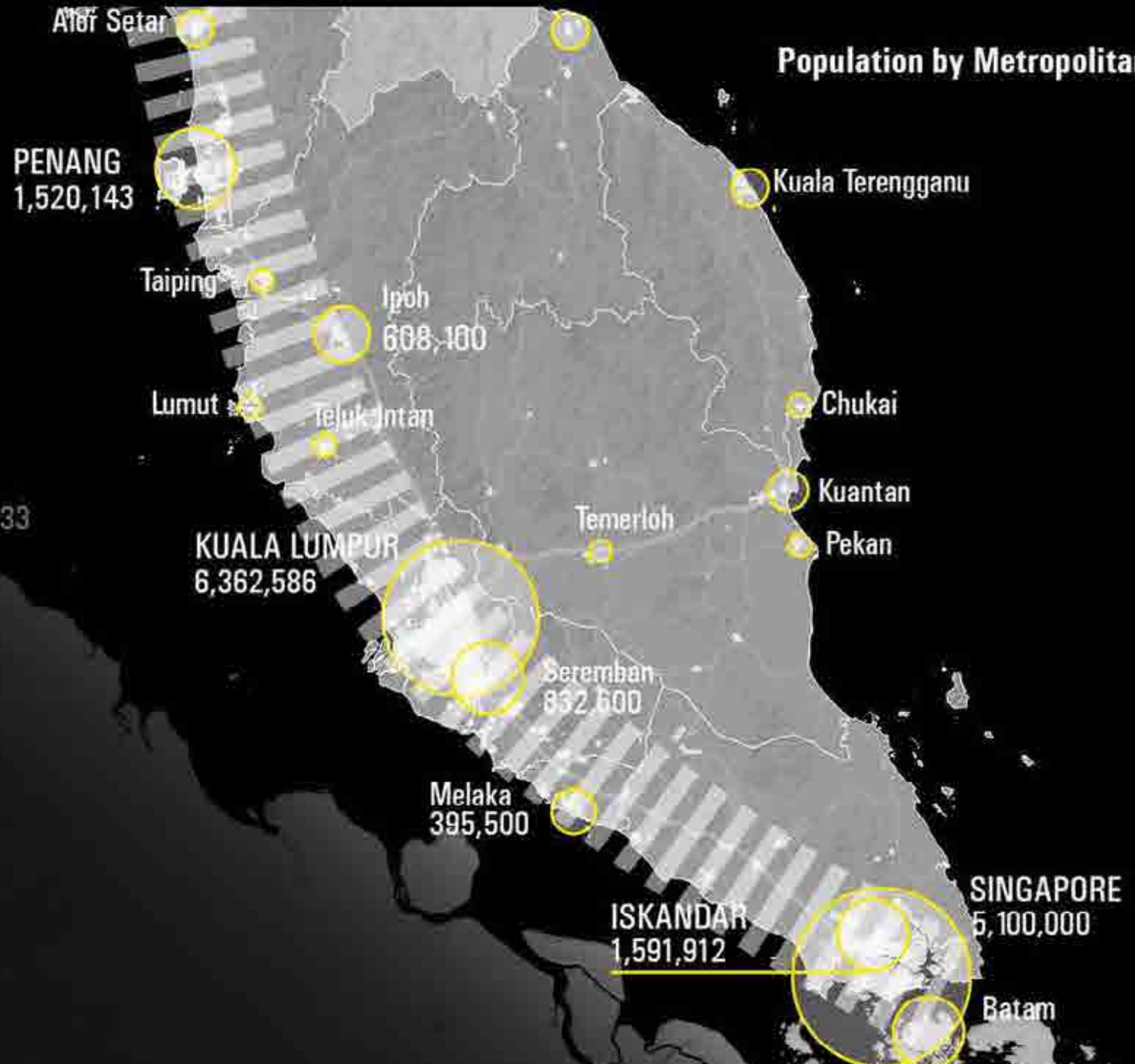
42

230

Source: various (official airport websites, wikipedia)

OVER **16 MILLION** PEOPLE
IN THE MALACCA STRAITS
DIAGONAL

Population by Metropolitan Area



OVER **16 MILLION** PEOPLE
IN THE MALACCA STRAITS
DIAGONAL

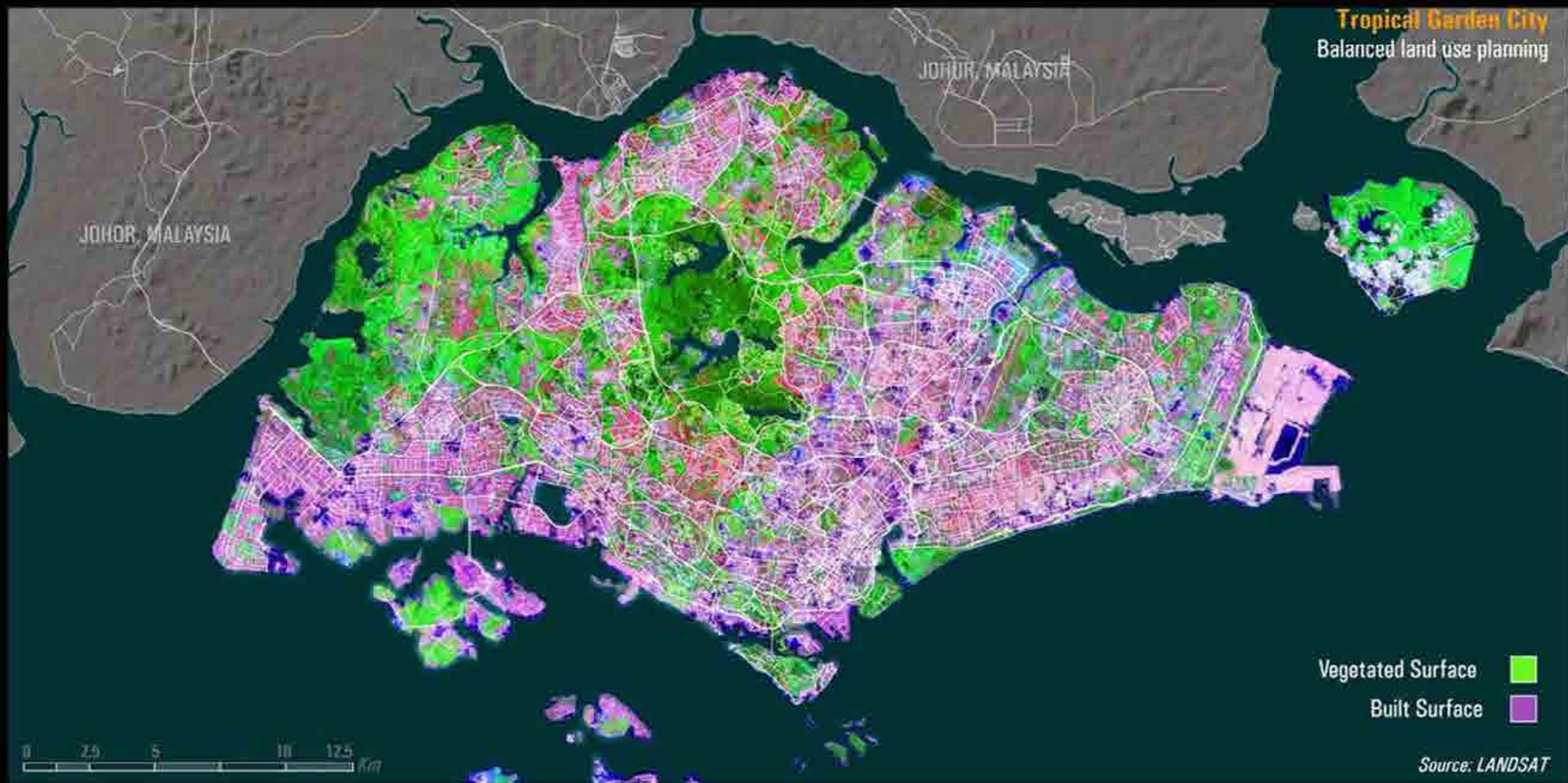
Population by Metropolitan Area



ASEAN CITIES HUB



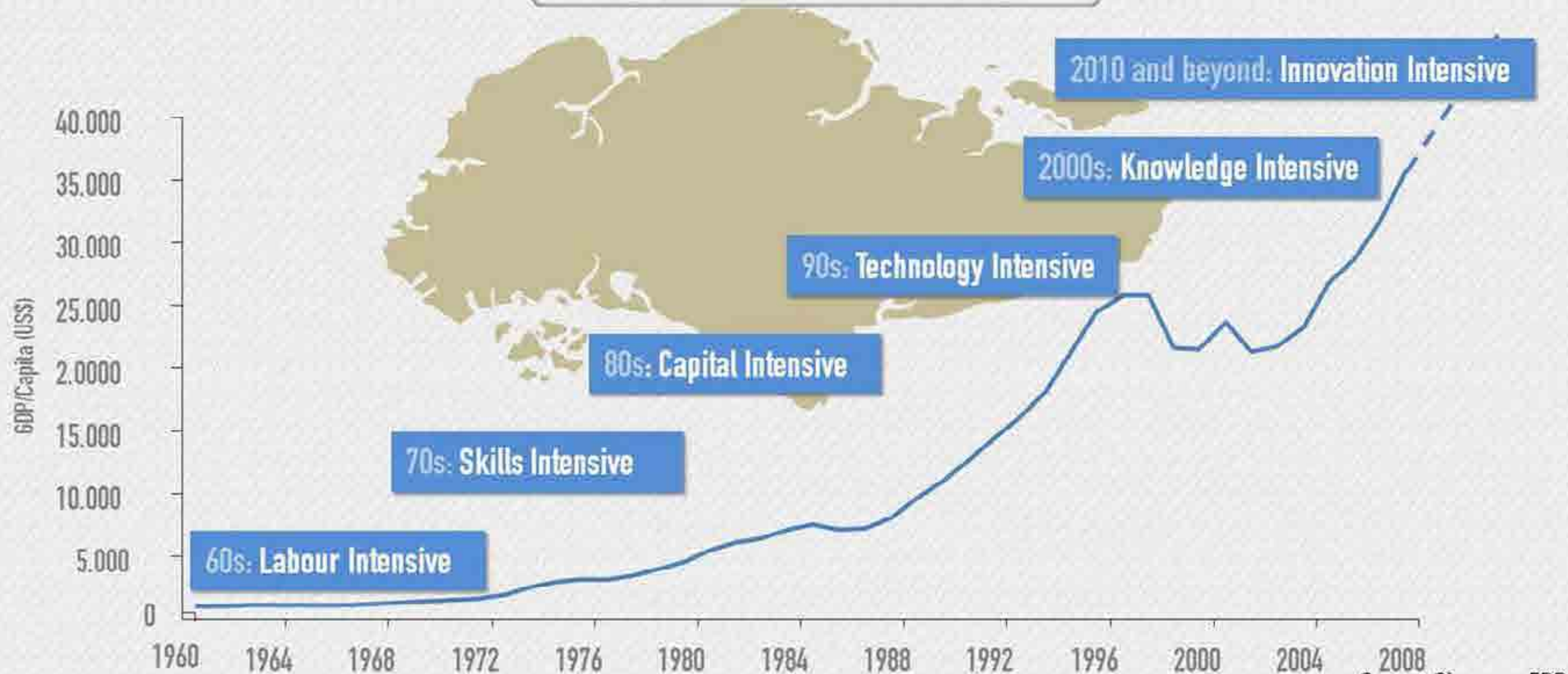




Singapur Living Lab

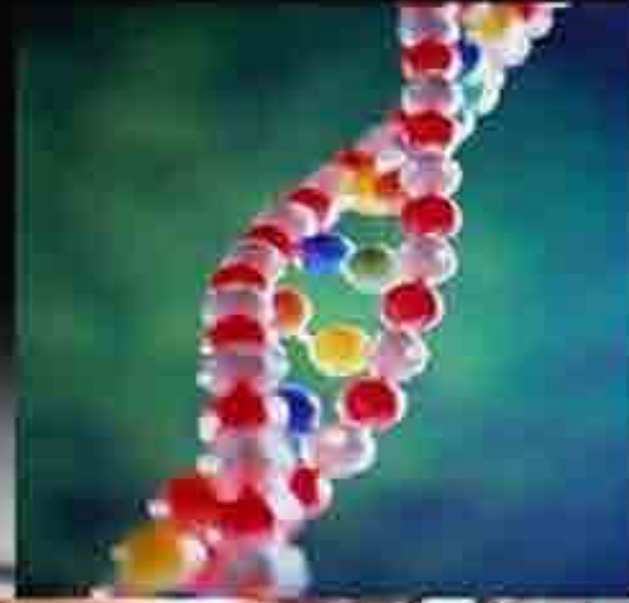
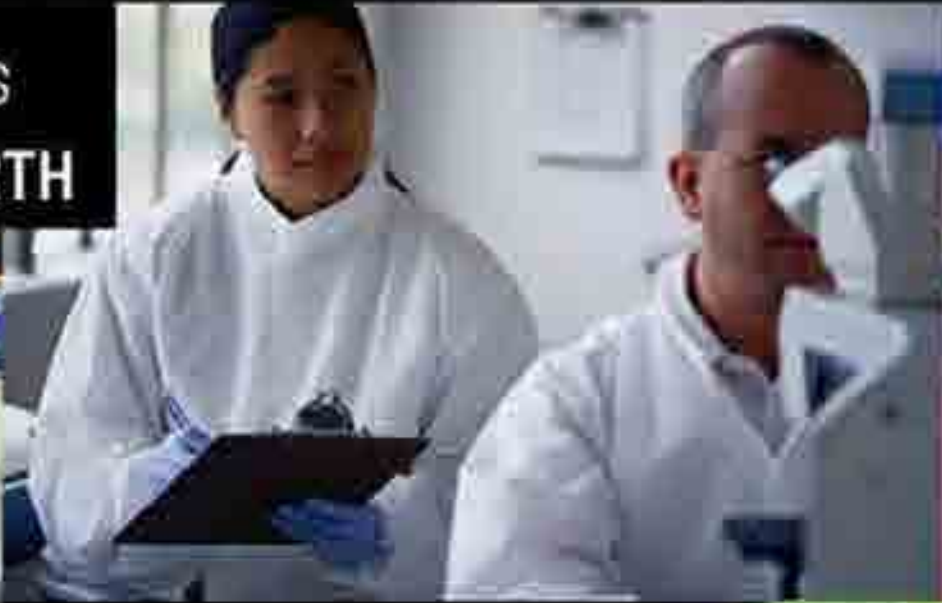
Singapore has come a long way

GDP per capita ↑ 80x in 47 years



Source: Singapore EDB

TERRITORIOS INTELIGENTES
SINGAPUR – ONE NORTH



TTI FUNDACION METRO

www.fundacion-metropoli.com



a new economy community



Alfonso Vegara

TERRITORIOS INTELIGENTES
SINGAPUR – ONE NORTH

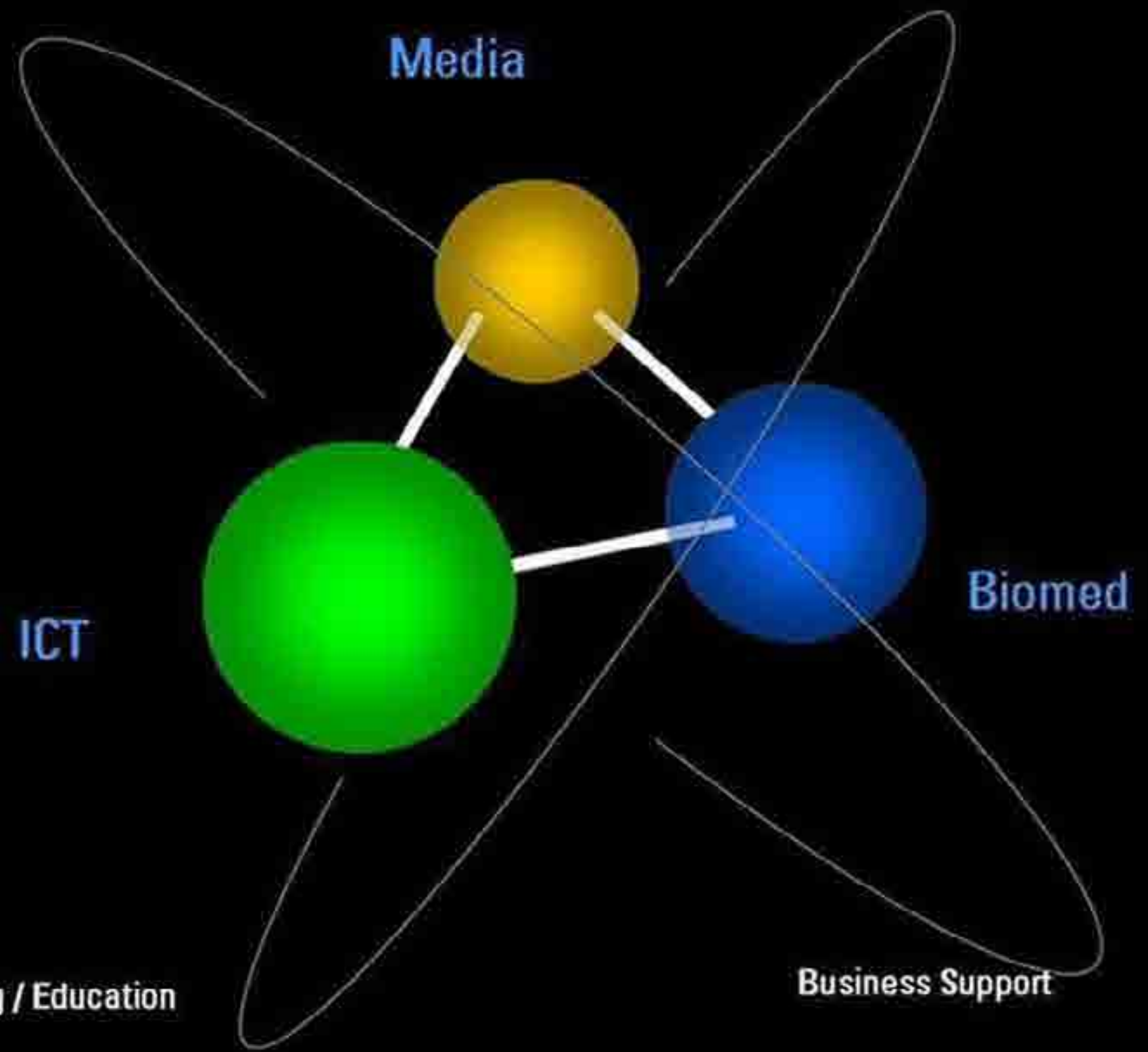
an experiment !



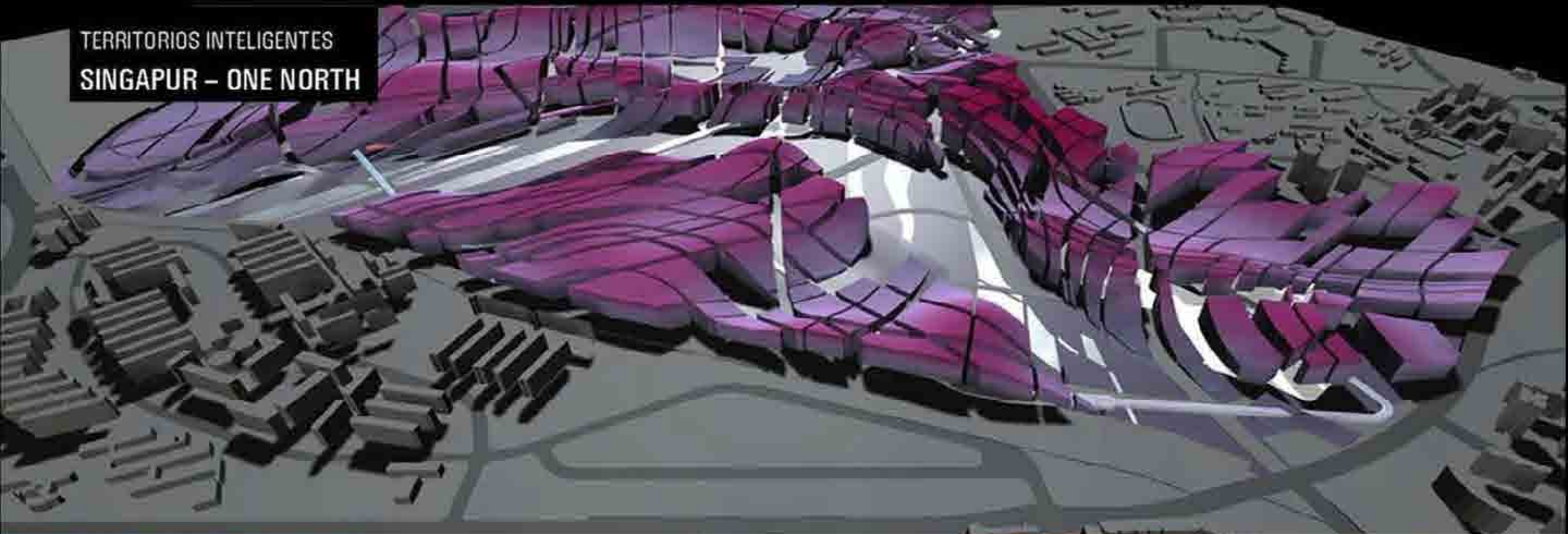
TERRITORIOS INTELIGENTES
SINGAPUR – ONE NORTH

Lifestyle Support

Entertainment

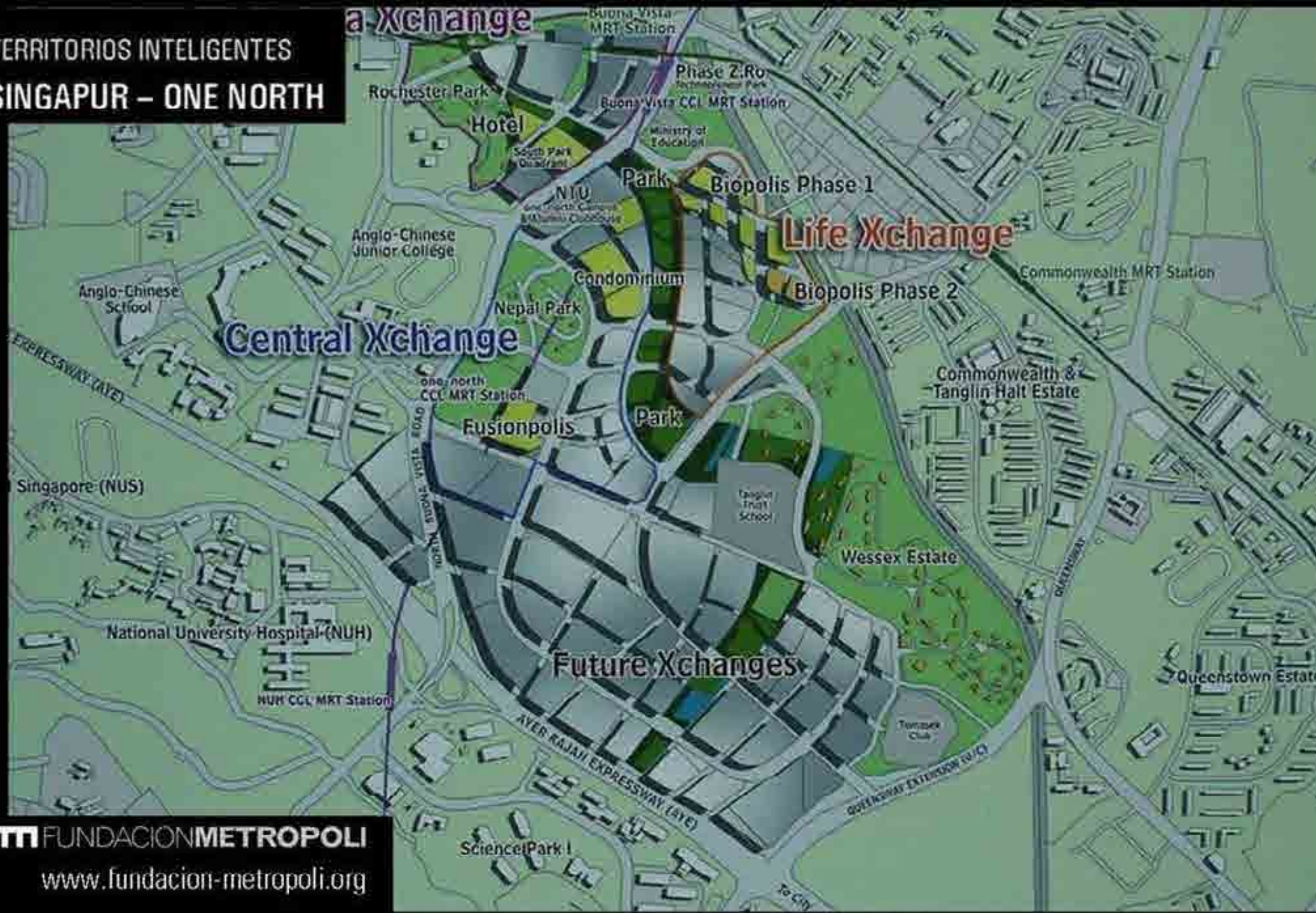


TERRITORIOS INTELIGENTES
SINGAPUR – ONE NORTH

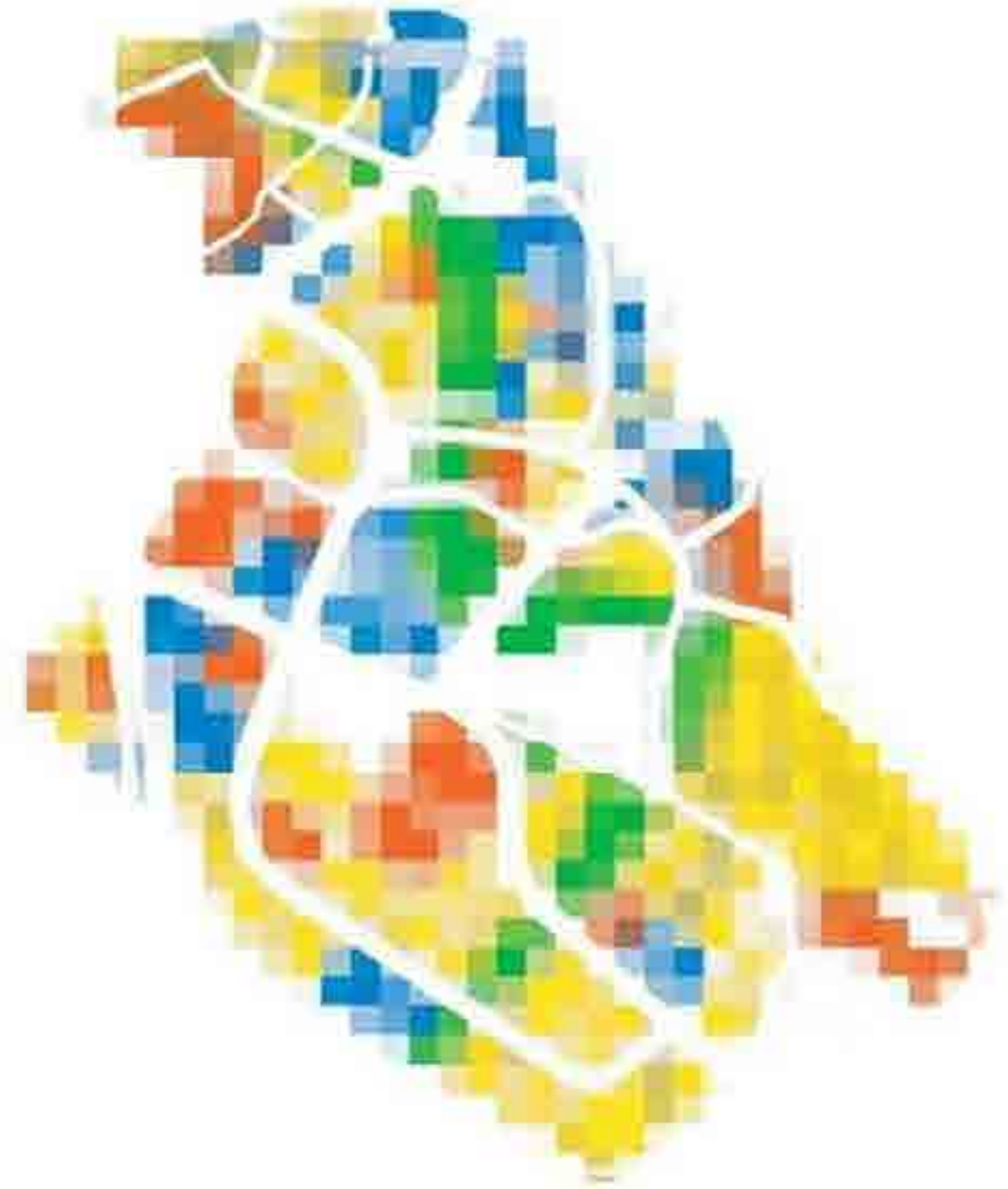


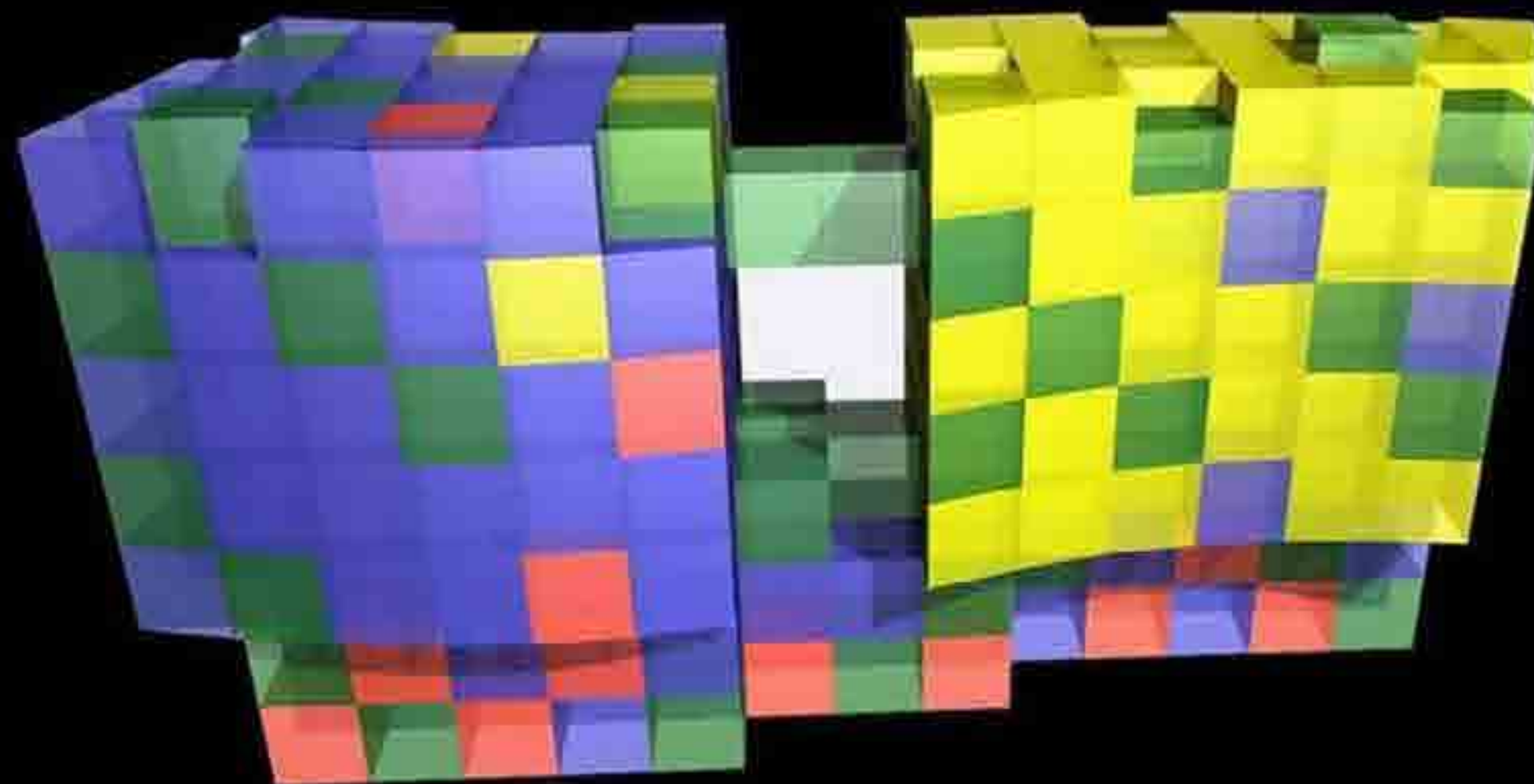
Alfonso Vegara

TERRITORIOS INTELIGENTES
SINGAPUR – ONE NORTH



- mixing and layering of different uses
- symbiosis between business ecologies and urban life





Work Live Play Learn



residents



scientists



researchers



artists



academics



technopreneuers



students



venture capitalists



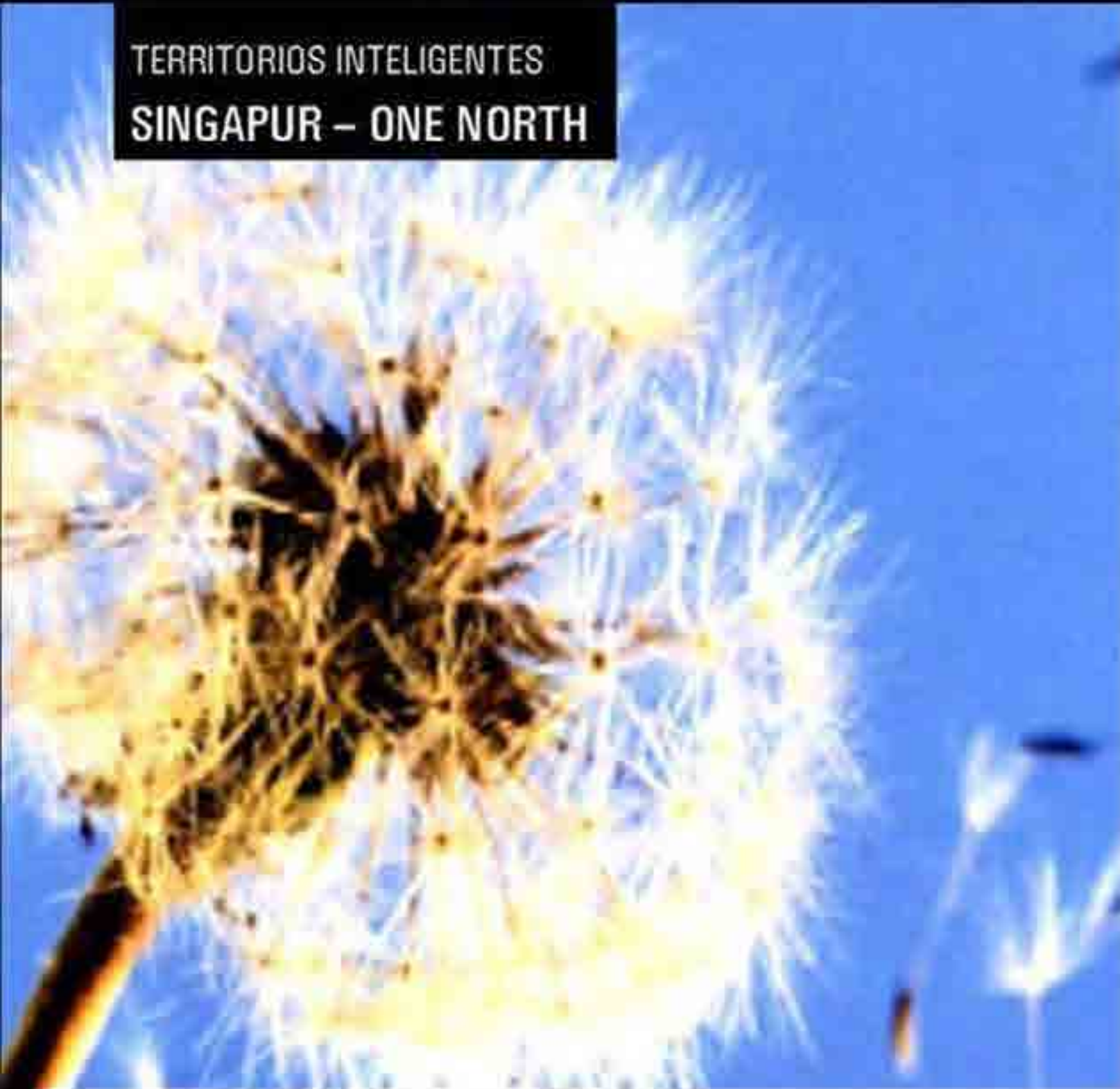
TERRITORIOS INTELIGENTES
SINGAPUR – ONE NORTH



TERRITORIOS INTELIGENTES
SINGAPUR – ONE NORTH



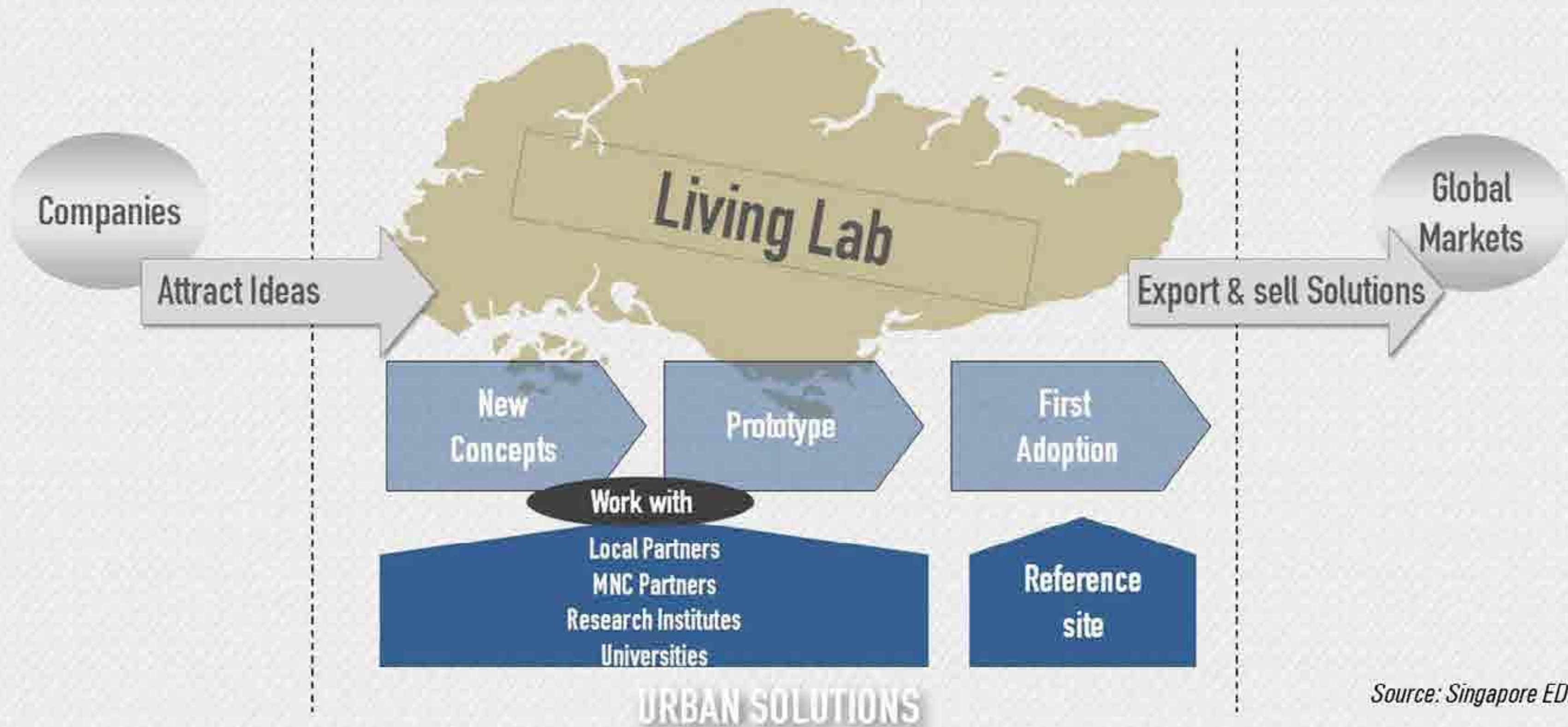
TERRITORIOS INTELIGENTES
SINGAPUR – ONE NORTH

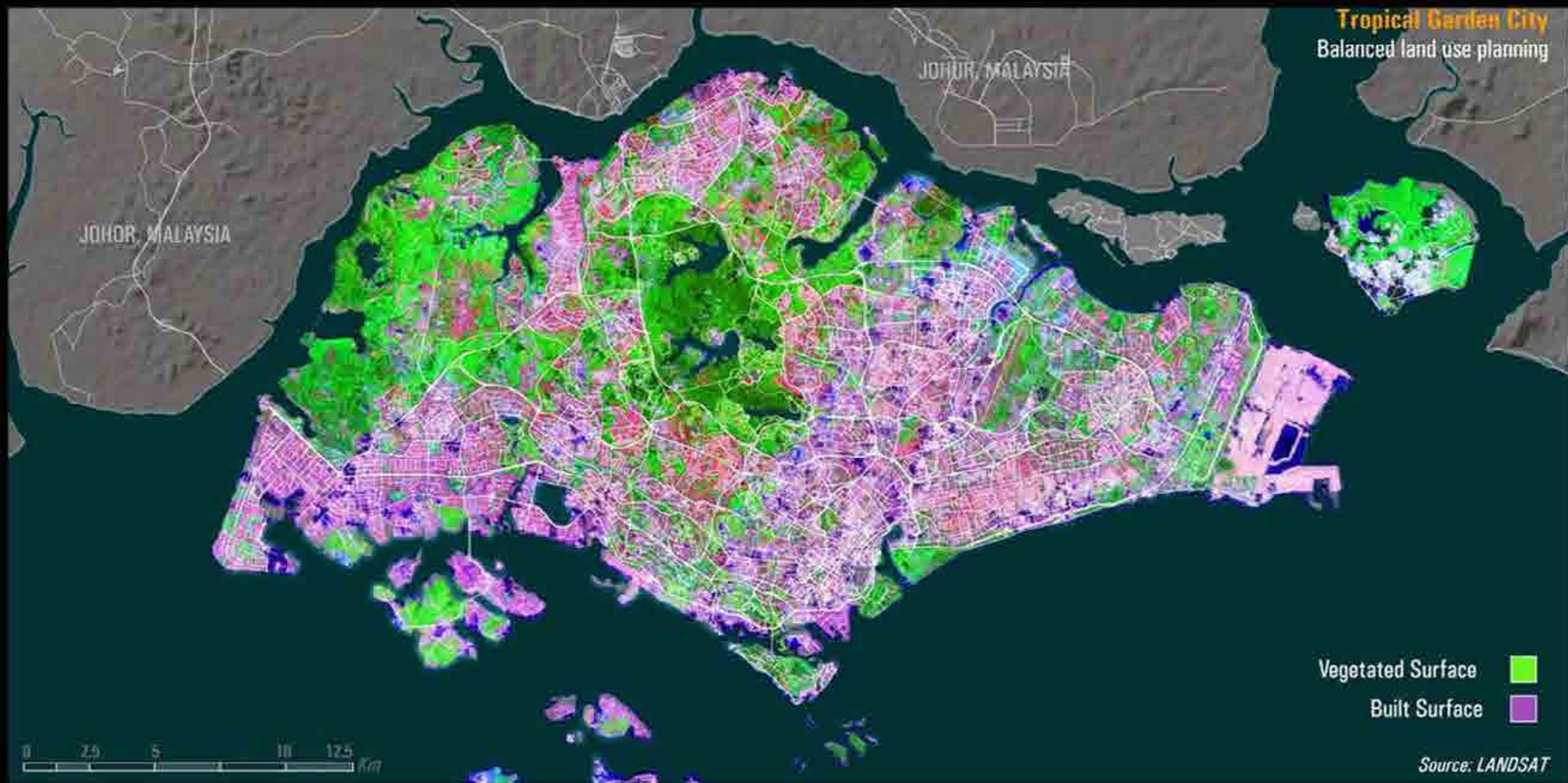


Singapur Living Lab

Beyond R&D. A Living Laboratory

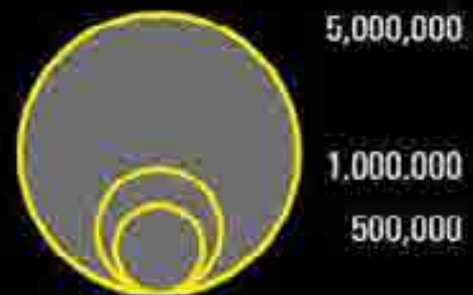
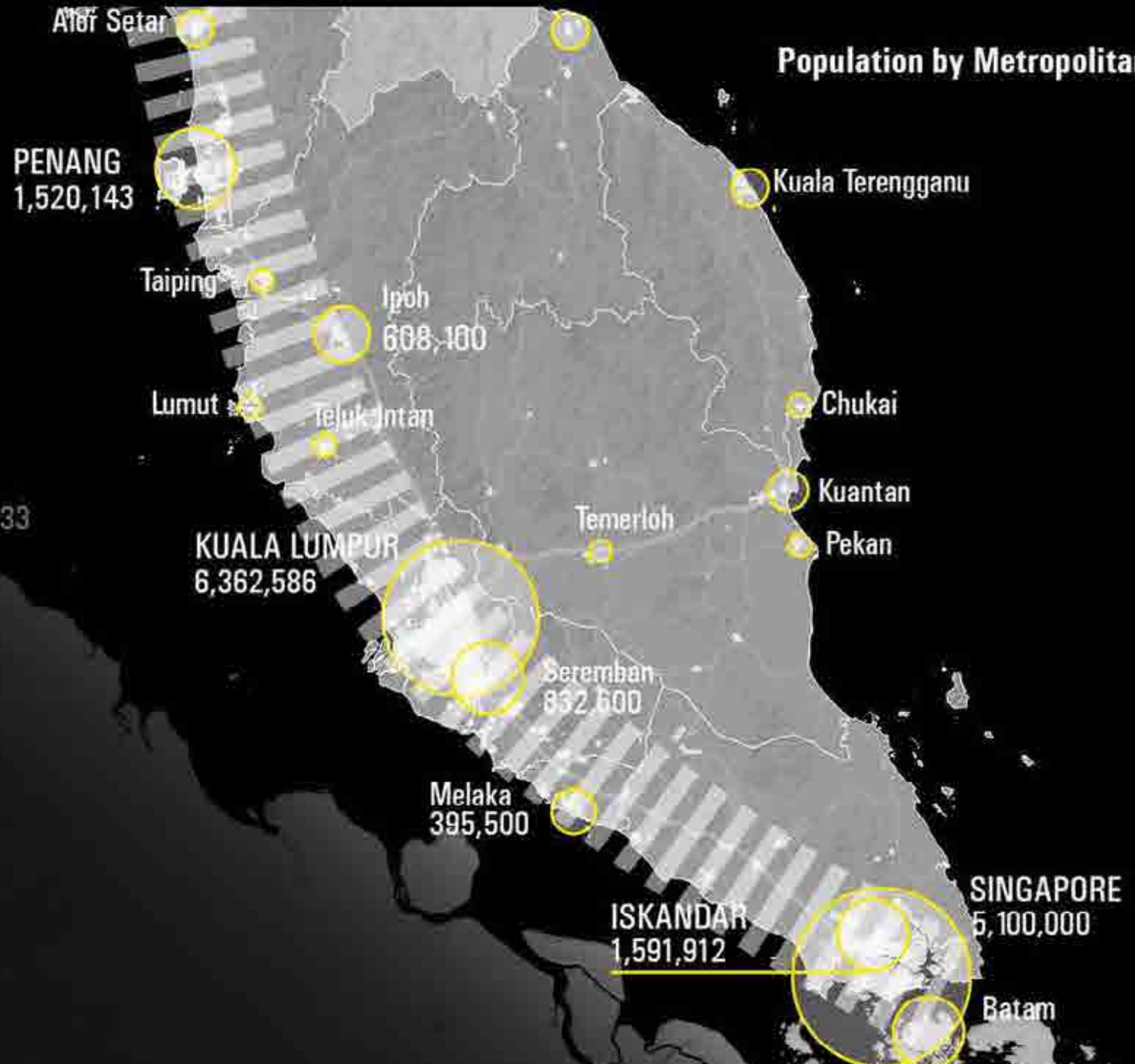
Ideas To Solutions, Solutions to Business





OVER **16 MILLION** PEOPLE
IN THE MALACCA STRAITS
DIAGONAL

Population by Metropolitan Area





City Forum Event. Penang. August 23/24, 2011

112 Participants

Location

Outside Penang	7%
Mainland	38%
Island	55%

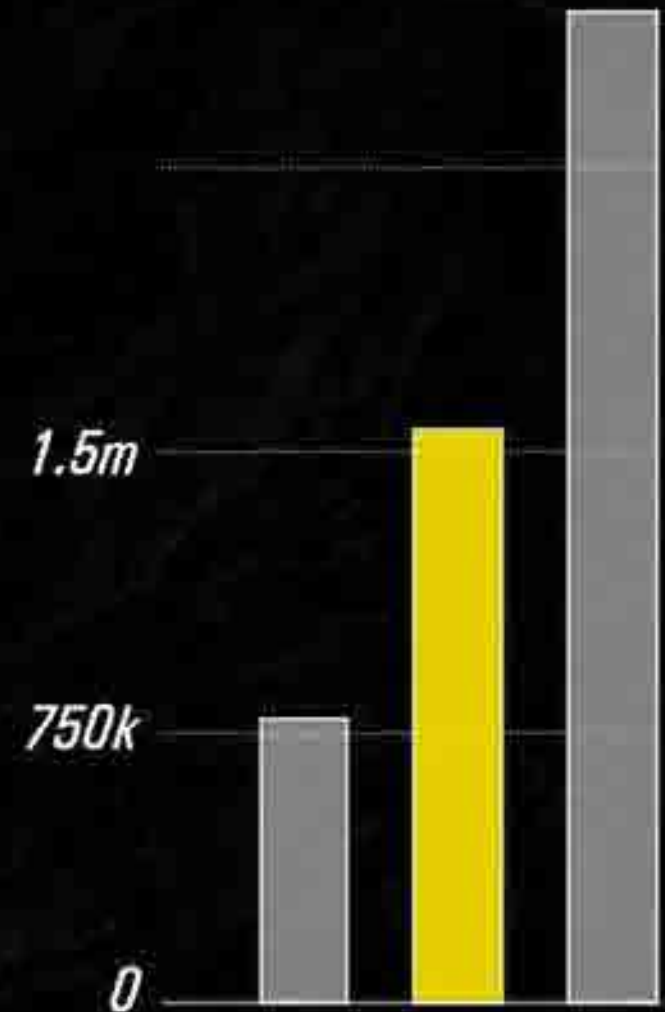
Sector

Private sector	22%
Public sector	53%
Civil society	25%





Greater Penang
45 Minutes



Population
1,511,946

Note: Times are adjusted to accommodate traffic congestion and delays

Source: FM Elaboration based on Dept. of Statistics, 2010





Mature Forests

+800m
Bukit
Kerajaan

+500m
Bukit
Saraya

658m
Gunong
Bongso

1,225m
Gunong
Kenderong

0 4 8 20 Km

Source: FM Elaboration + Town & Country Planning Dept. data



Rice Paddies



Rural Connections



Rubber



Dynamic Coastline



Mature Forests



Aquaculture



Beaches



Palm Oil



Mangroves

Territorial Dialogue
Road Network + Morphology

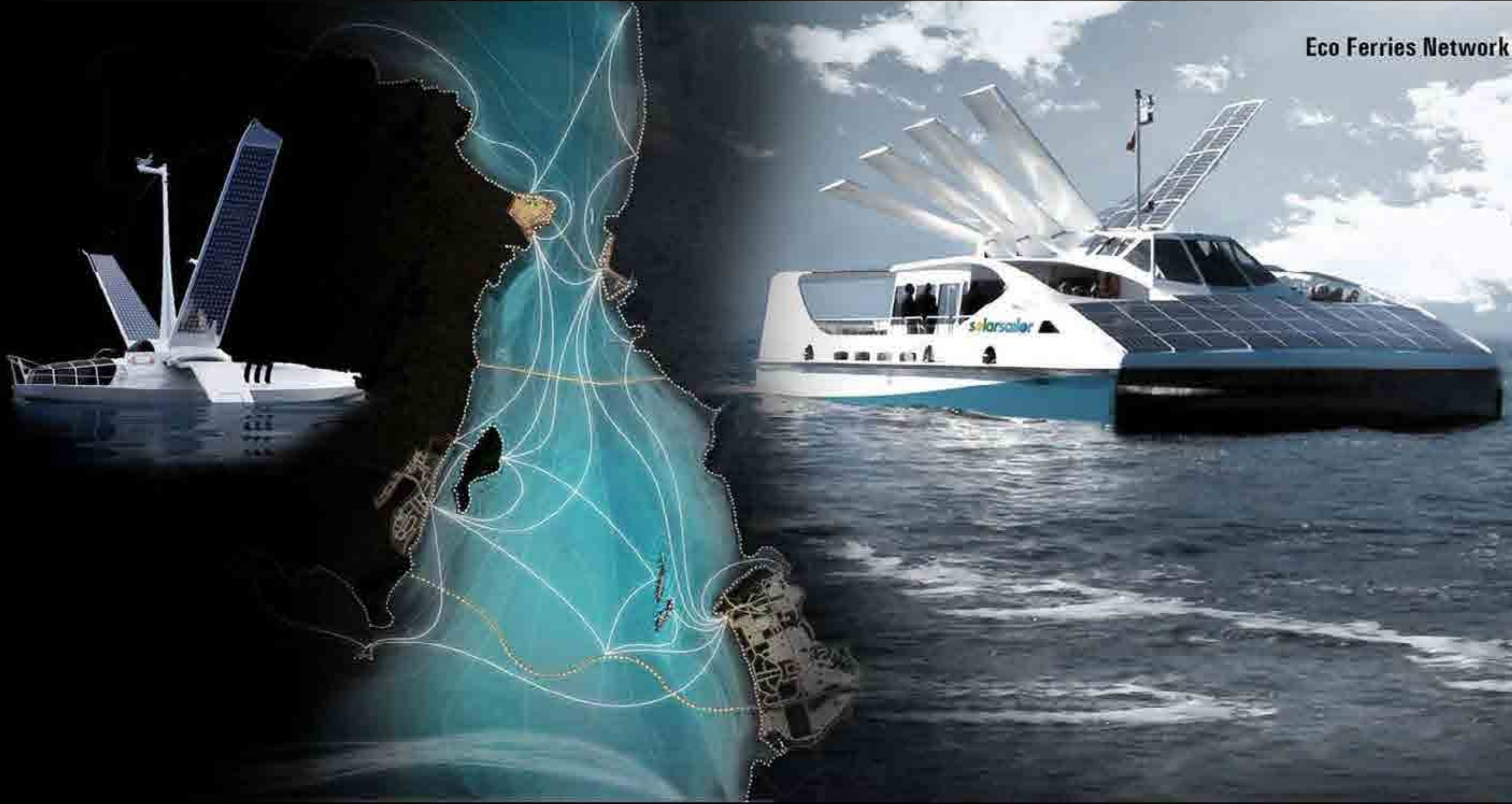






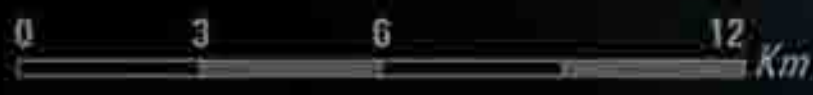
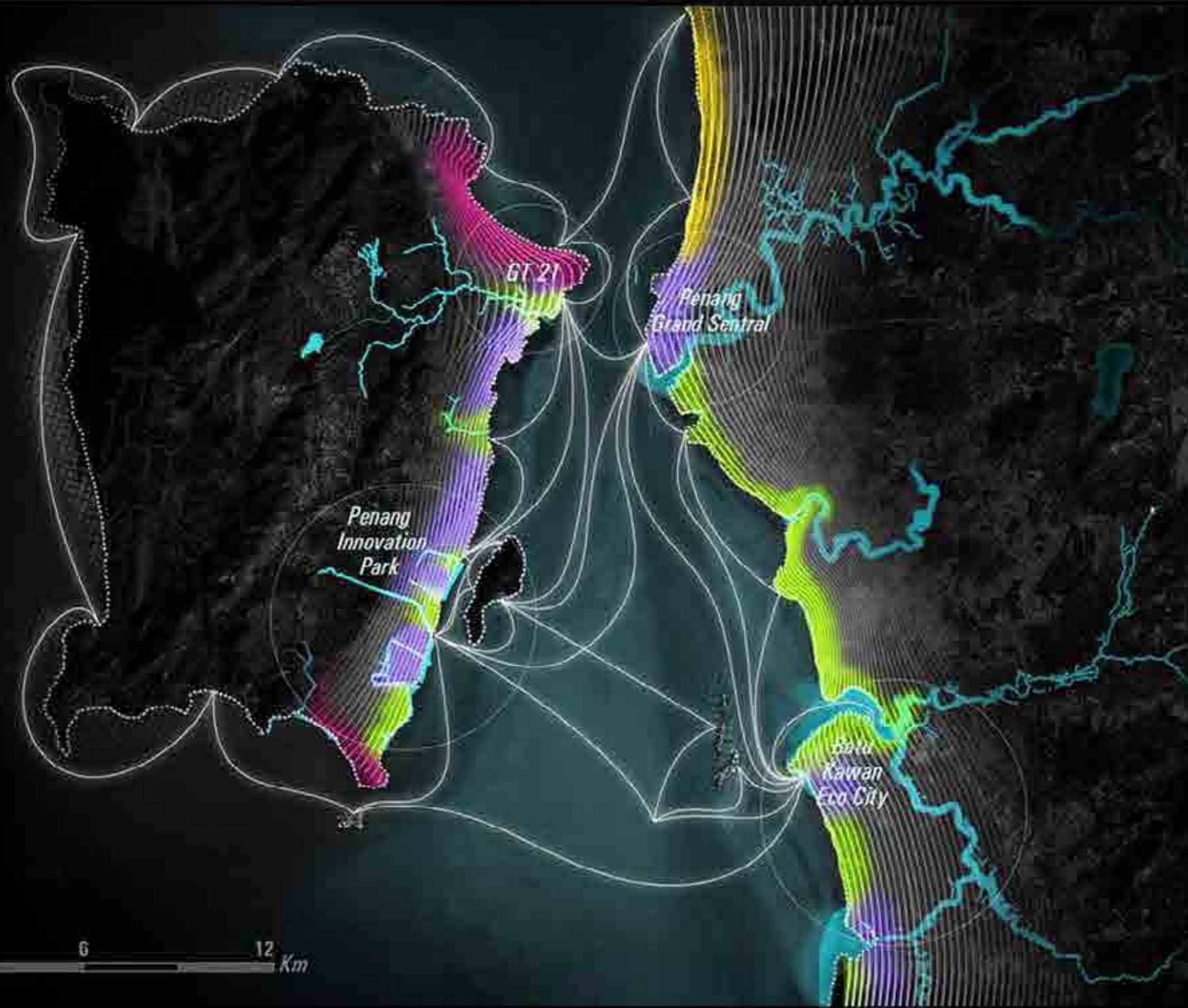
KNOWLEDGE ECONOMY: **INNOVATING** (2010...)

Eco Ferries Network

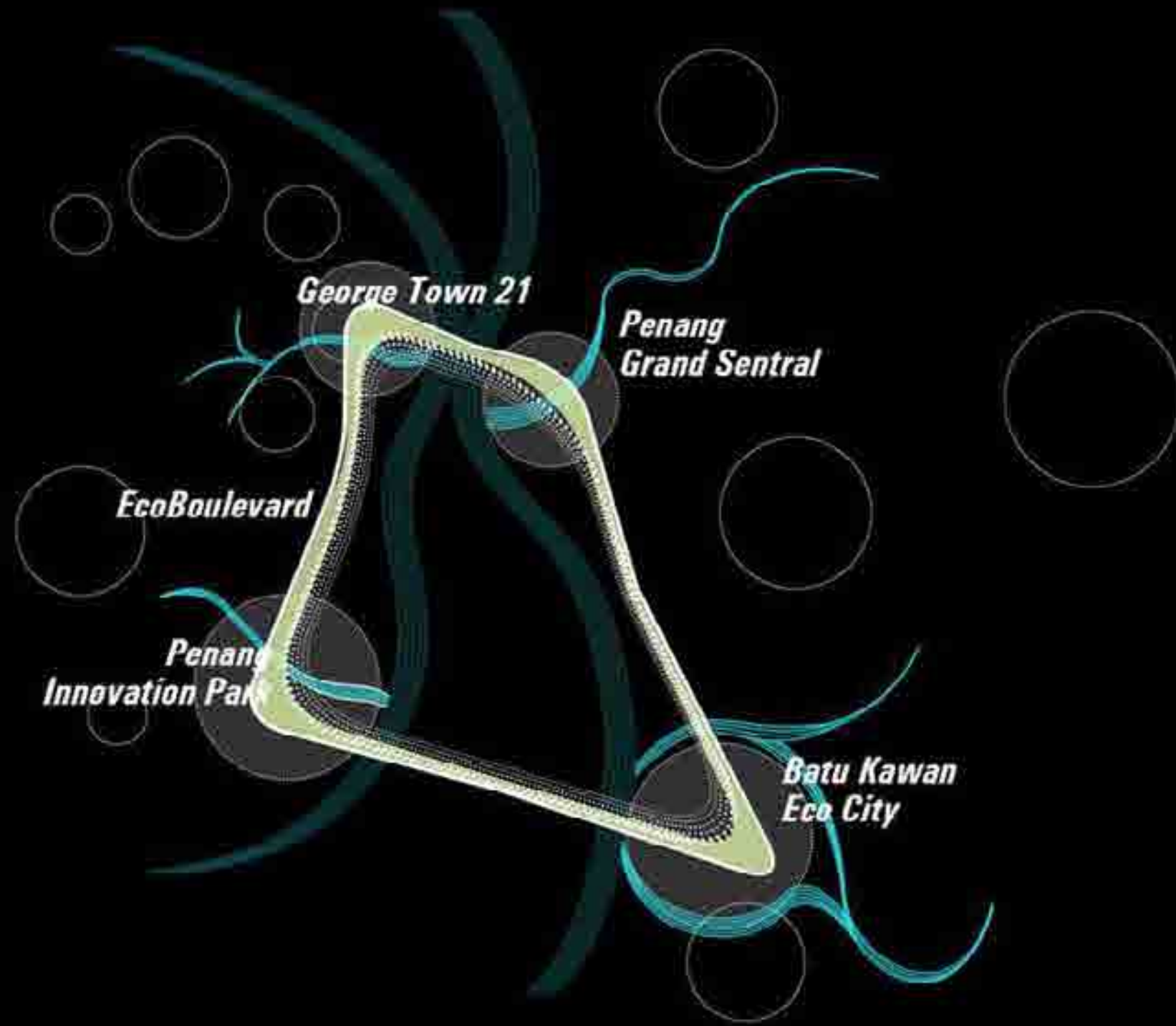


Coastal Development Potential
Distinct Adjacent Waterfronts

- Waterfront Development 
- Tourist Corridor 
- Beach 
- Riparian Buffer 



The Penang Project



Improved connectivity between Penang Island and mainland





Penang Straits







Programs

- > Living Heritage
- > Fusion Space
- > Public Space
- > Urban Infrastructure
- > Urban Markets



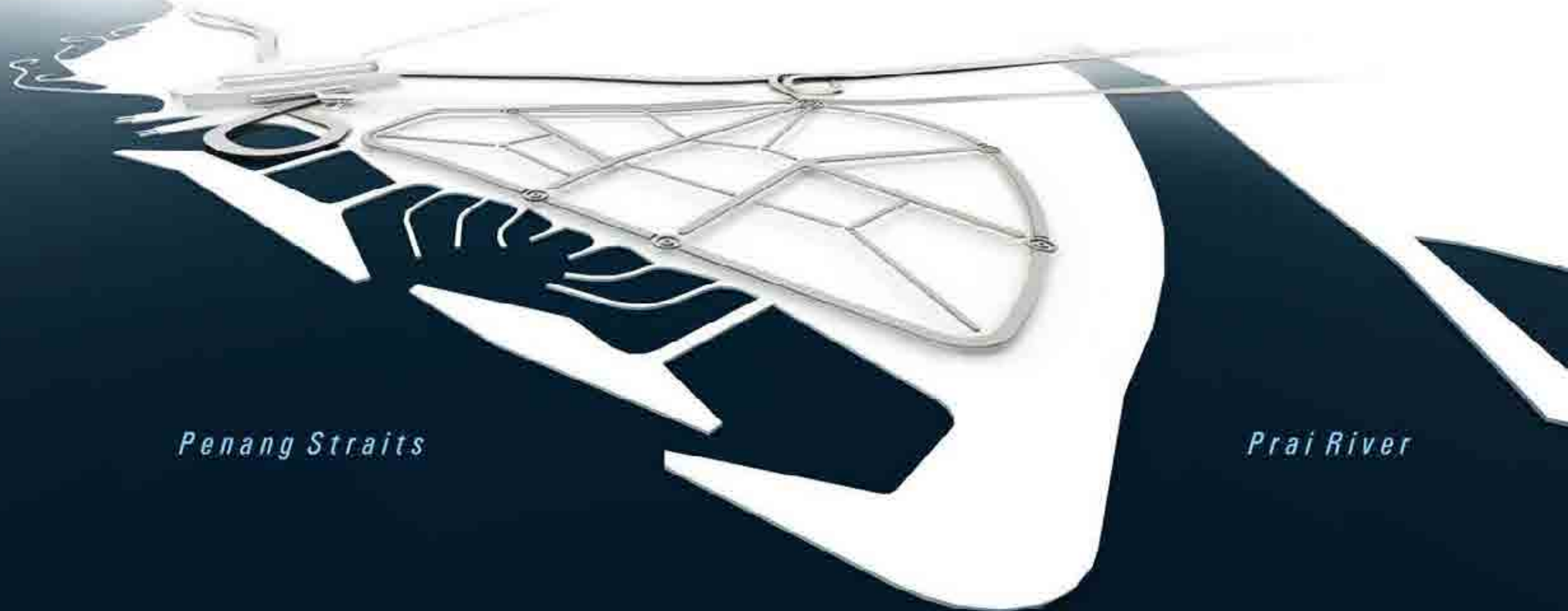
Programs

- > *Living heritage*
- > *Fusion space*
- > *Public space*
- > *Urban infrastructure*
- > *Urban markets*





Secondary Linkages
New Parcelization Scheme

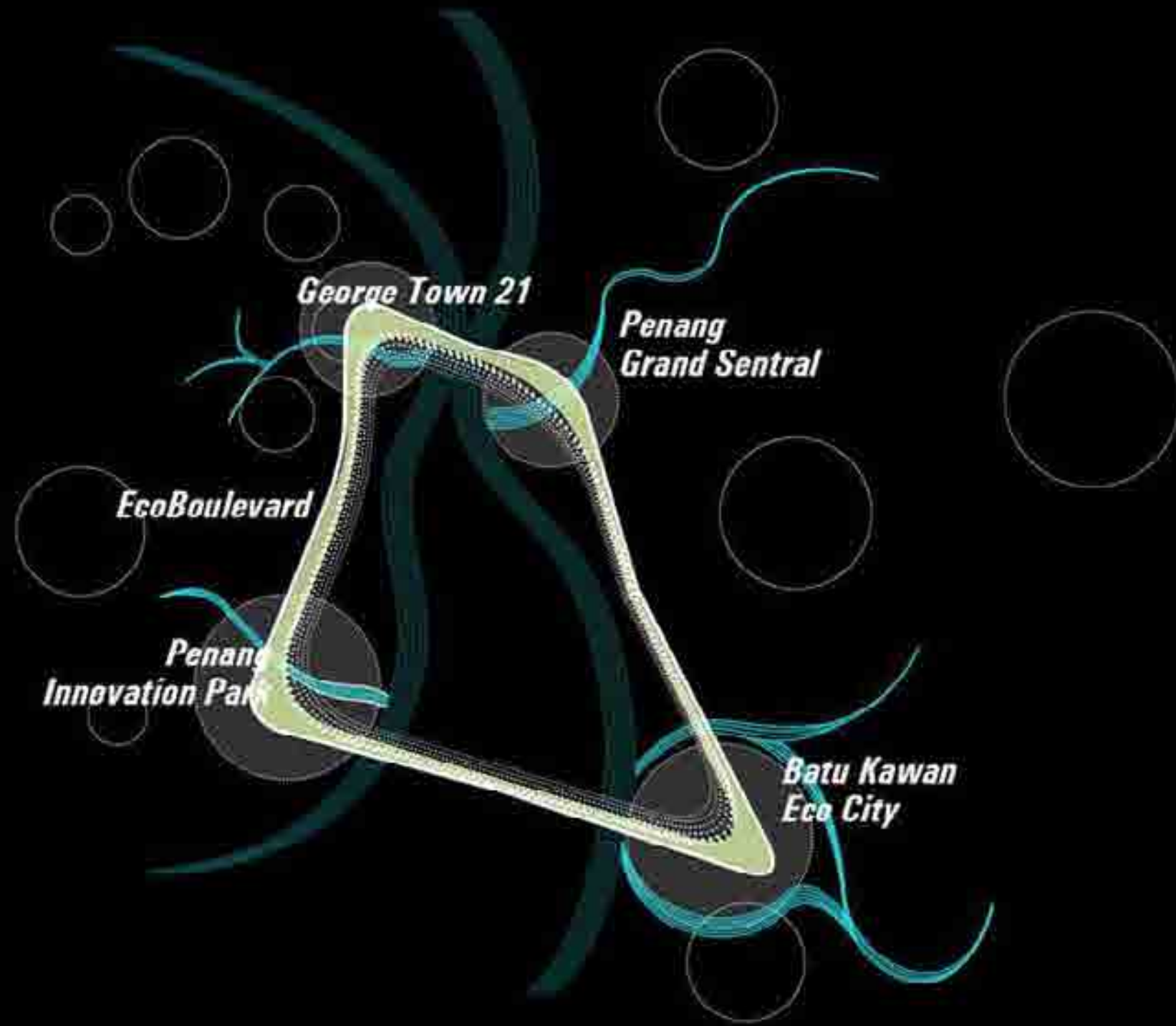


Penang Straits

Prai River



The Penang Project



Weekly Flight Frequency

OVER 600 WEEKLY FLIGHTS
(+ 31,000 flights per year)
IN THE MALACCA STRAITS
DIAGONAL

X Number of weekly flights
--- Future Route



Penang International



Sultan Abdul Aziz Shah (Subang)



Kuala Lumpur International



Malacca International



Semai International

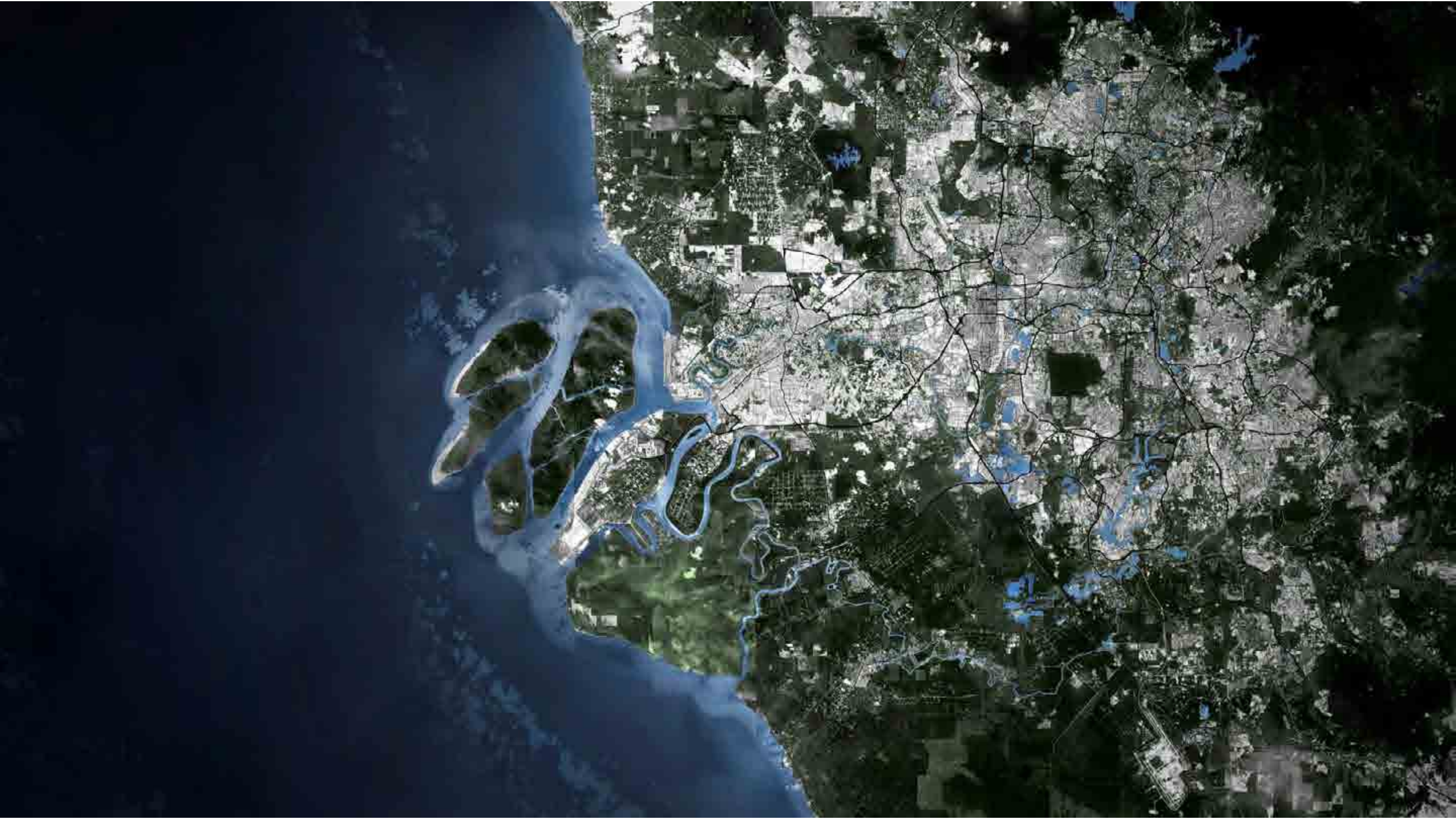


Changi International



Source: various (official airport websites, wikipedia)





ECOSYSTEMS OF INNOVATION

ACTIVATING THE SUPER CORRIDOR

MINISTRIES + GOVERNMENT OFFICES

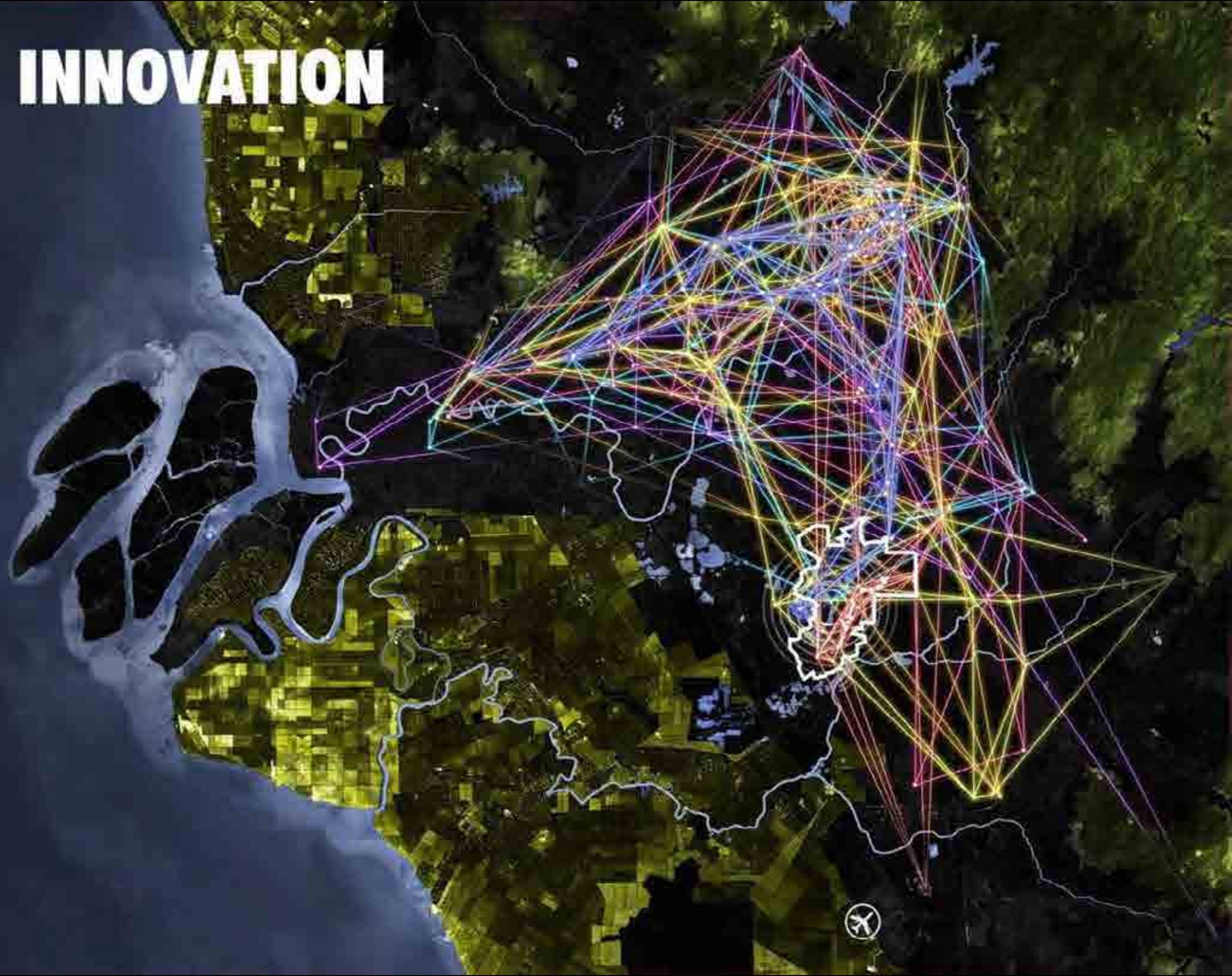
MSC IT CYBERCITIES + CYBERCENTERS

CONVENTION CENTERS

MANUFACTURING

HOSPITALS

UNIVERSITIES

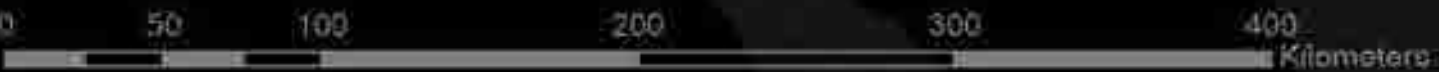
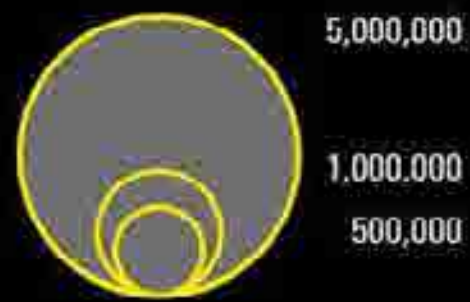
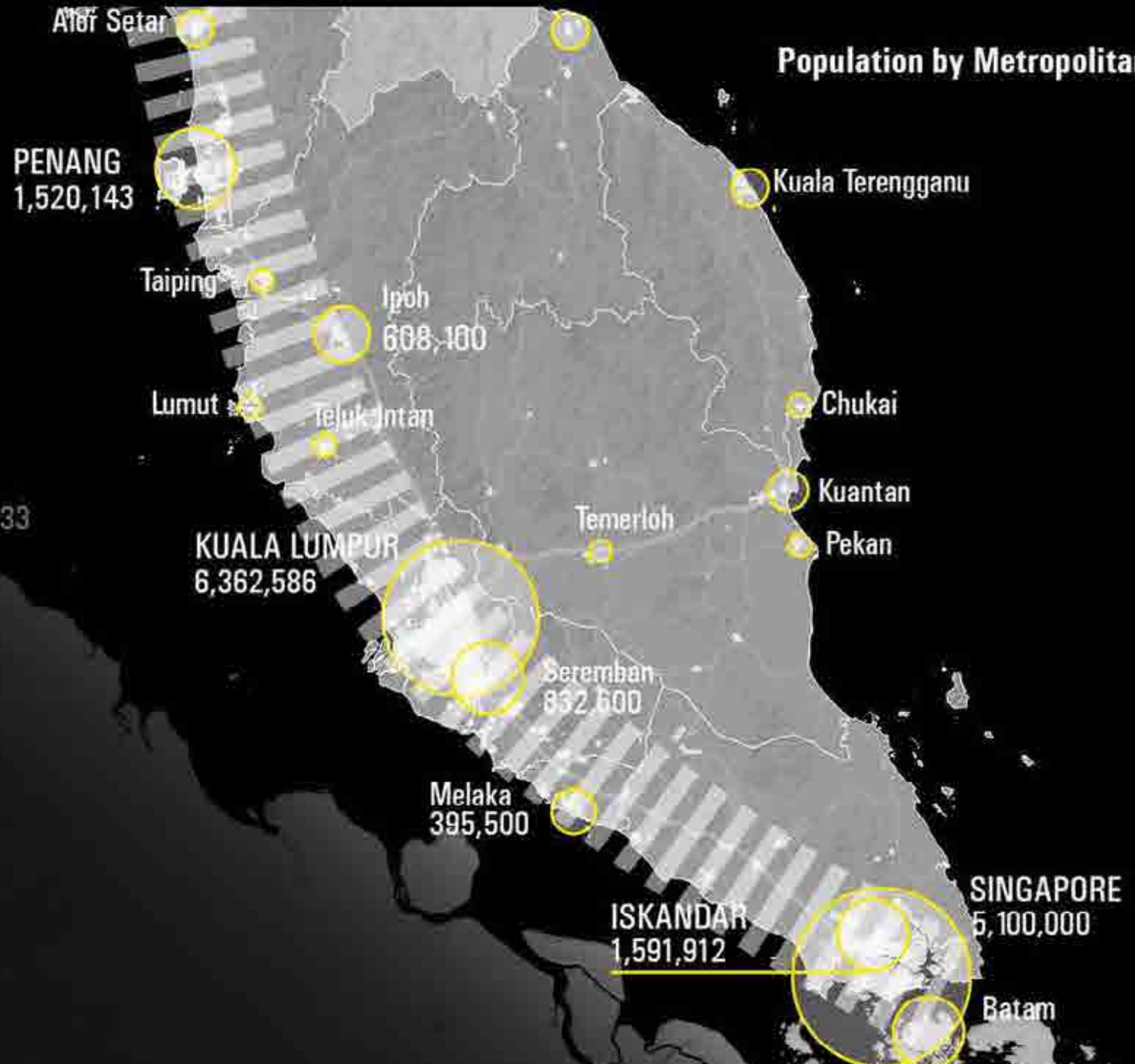


MULTIMEDIA SUPER CORRIDOR



OVER **16 MILLION** PEOPLE
IN THE MALACCA STRAITS
DIAGONAL

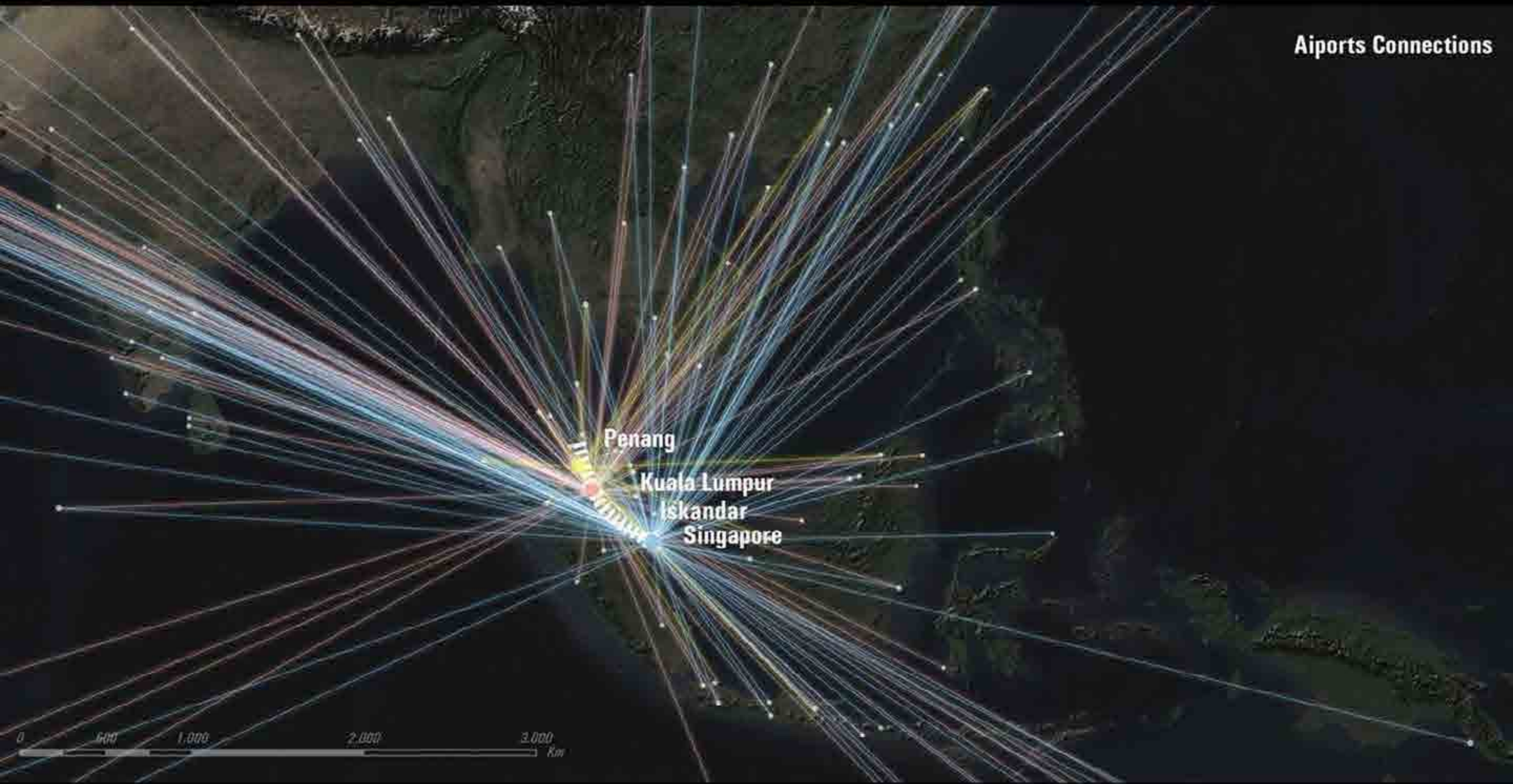
Population by Metropolitan Area



Rail Distance + Travel Times



Aiports Connections



Technology is changing our cities.

Cities are changing our world.



The
NextCitiesLab
A Partnership

mission, assets, vision,
and objectives

Next**Cities**Lab

Next**Cities**Lab

Urban Intelligence + Digital Technology

Next**Cities**Lab

Competitiveness...
through Cities

NextCitiesLab

Competitiveness...
through the **New Scale** of Cities



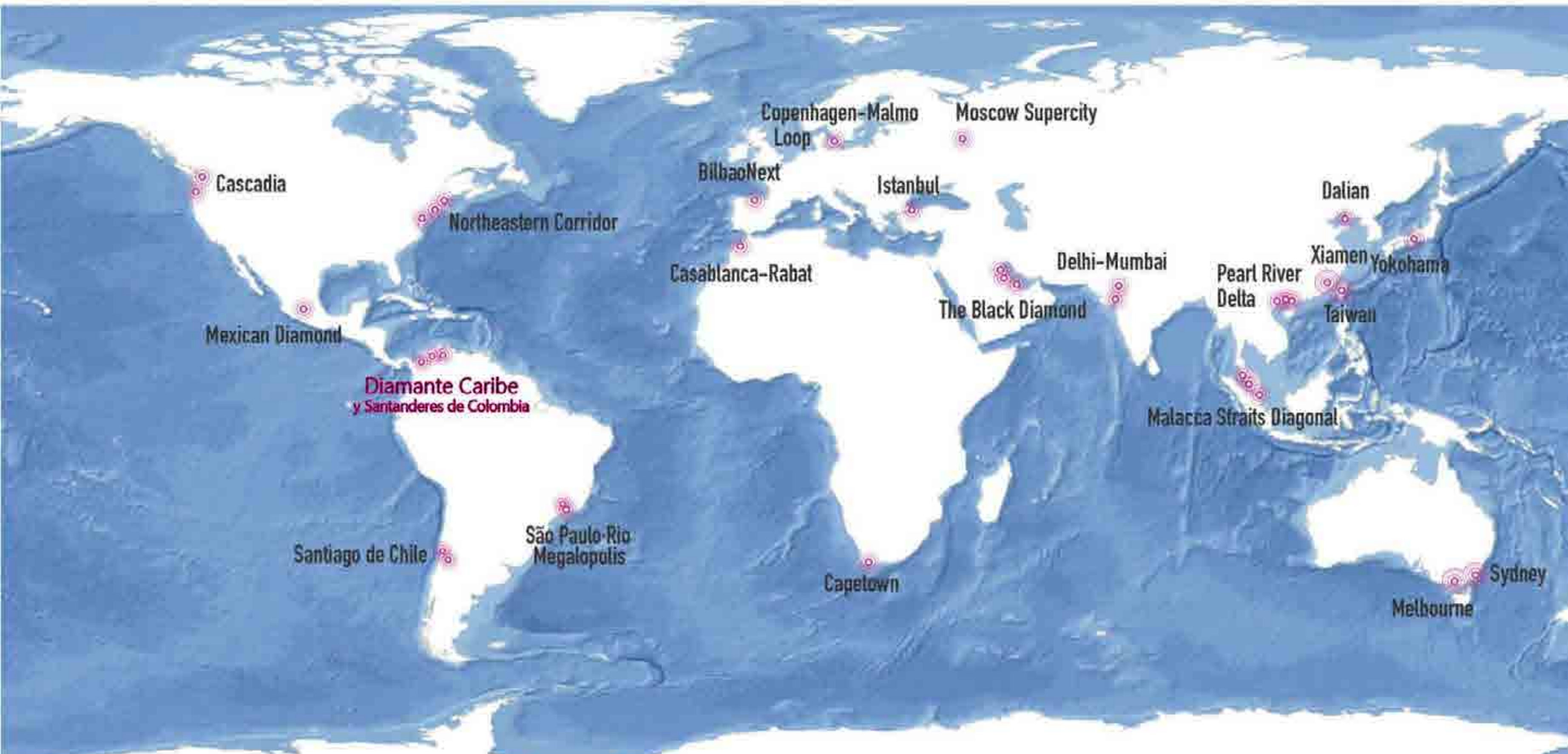
Gobierno de COLOMBIA



NextCitiesLab



TTI FUNDACION METROPOLI





Diamante Caribe y Santanderes de Colombia



Gobierno
de **COLOMBIA**



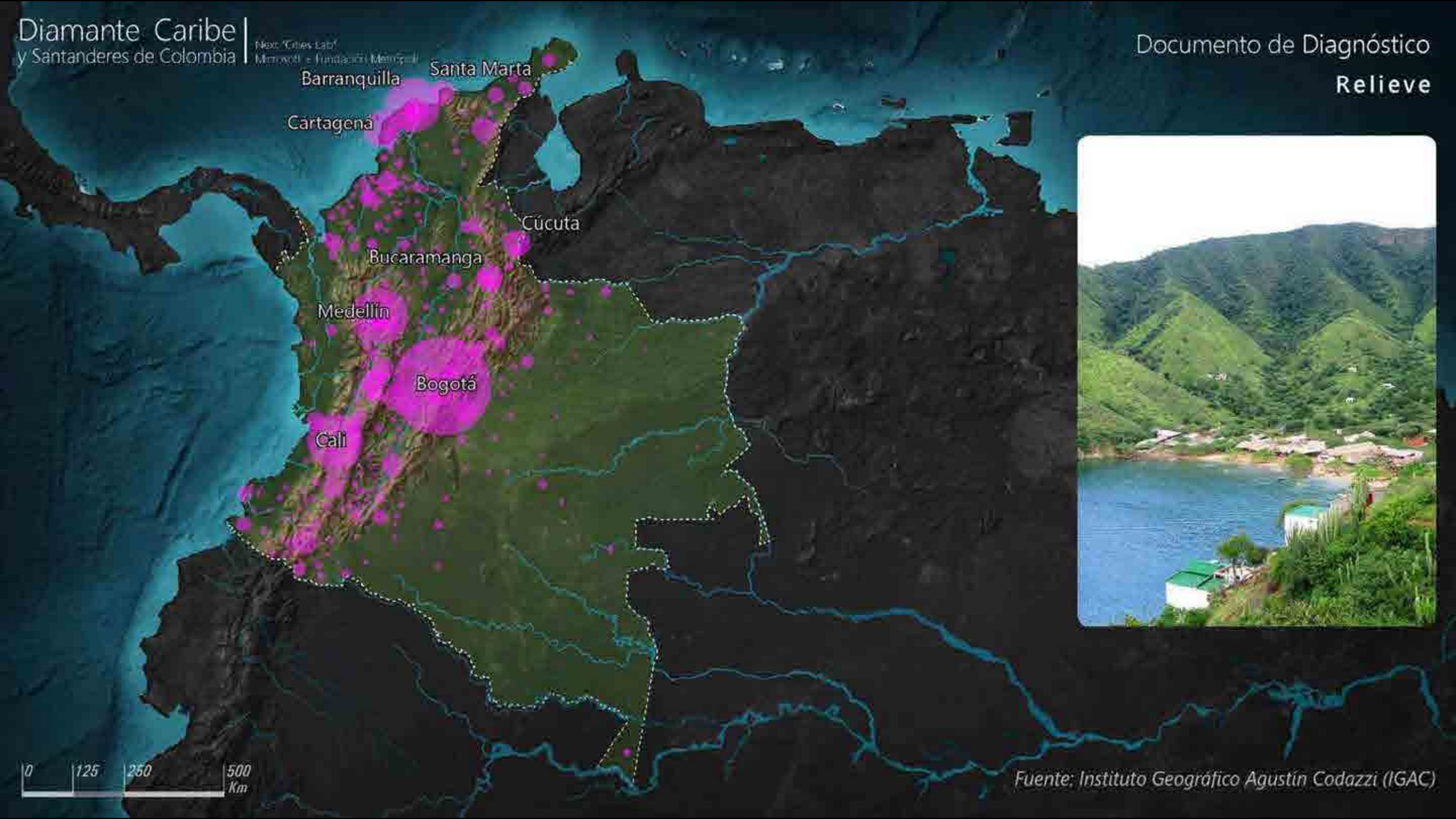
Microsoft

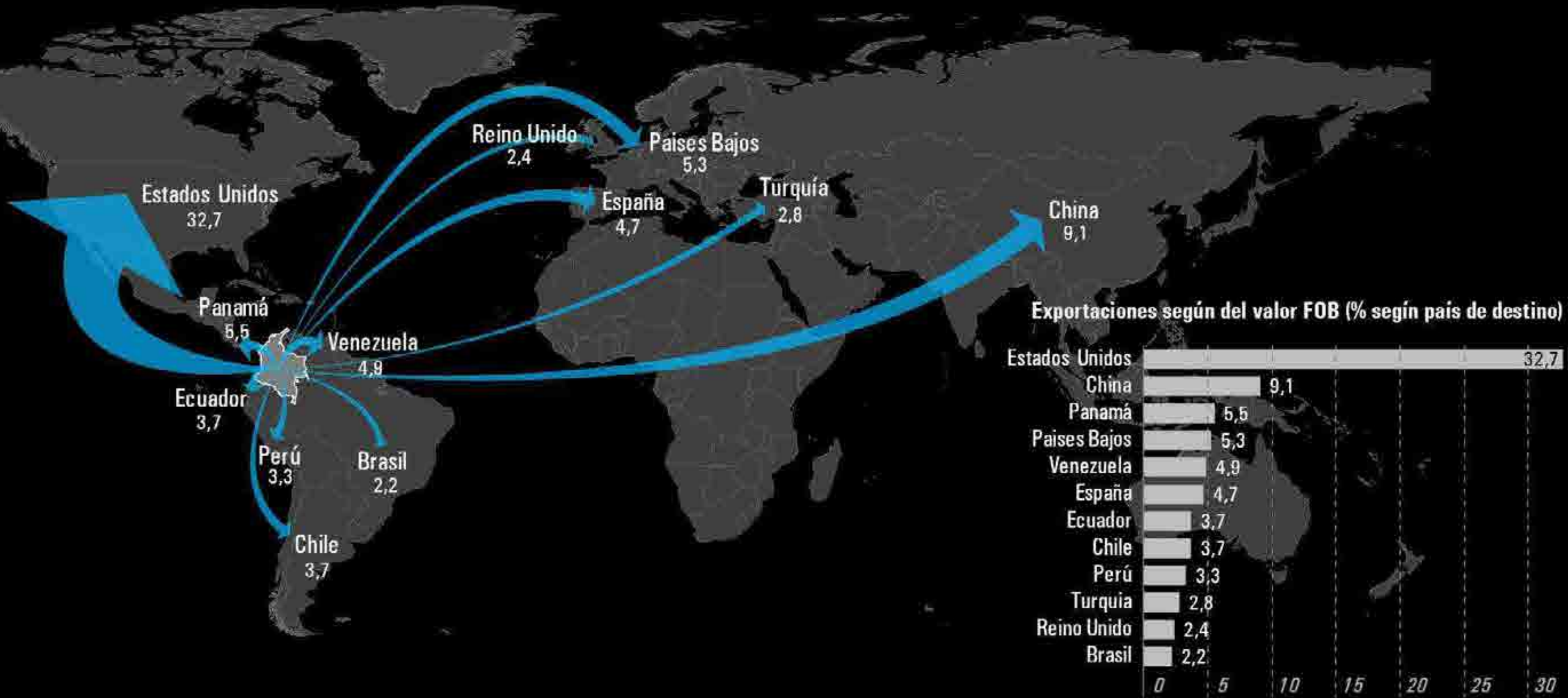
Findeter
Financiera del Desarrollo



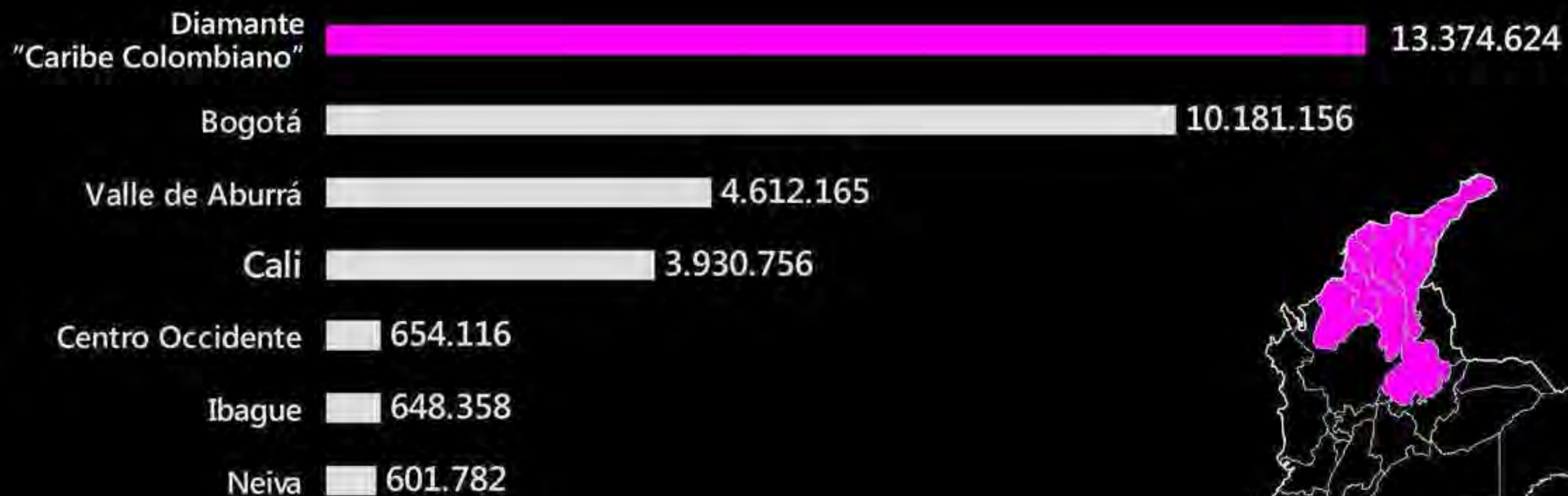
TTI FUNDACION METROPOLI













Liderazgo Institucional

Gobierno Nacional



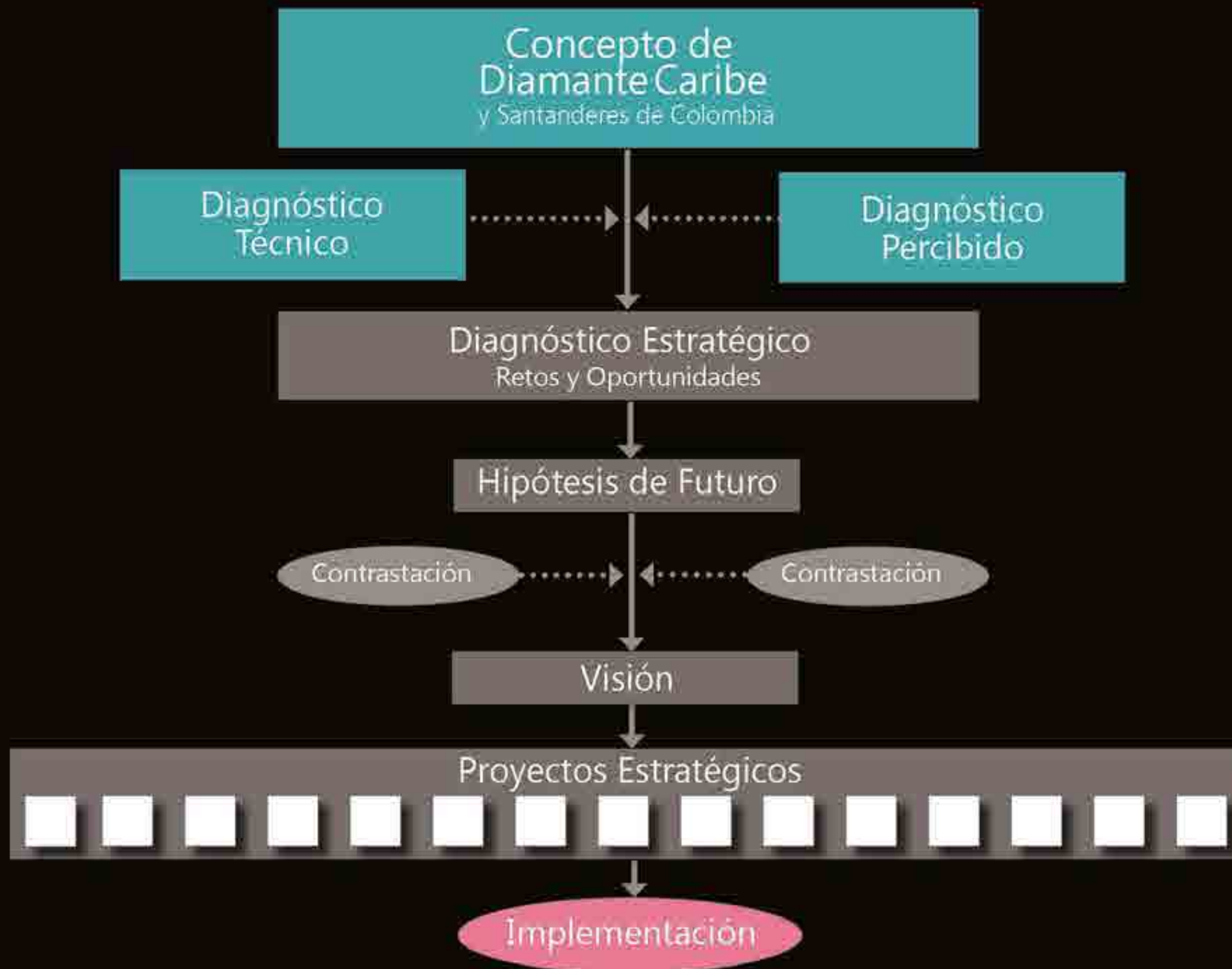
Departamentos



Alcaldías



Sociedad Civil



Proceso de Participación

Sector Público

Sector Privado

Sociedad Civil



623 Cauces de Participación Institucional

249.200 Referencias Aportadas

Diamante Caribe
y Santanderes de Colombia

Next "Cities Lab"
Microsoft + Fundación Metrópoli



Referencias para contestar este Cauce de Participación Institucional:

En cada cuestión planteada se presentan dos casillas de respuesta:
Nivel de Excelencia (E) y Nivel de Prioridad (P).

En ambos casos se debe contestar con un valor de 0 a 10.

Nivel de Excelencia (E)

Expresa tu opinión sobre el nivel de excelencia actual de los temas que se señalan
en los apartados del cuestionario.

Puntúa de 0 a 10, según el siguiente criterio:

- 0 = Muy Bajo Nivel de Excelencia
- 10 = Alto Nivel de Excelencia

Nivel de Prioridad (P)

Expresa tu opinión sobre el énfasis con el que se debería seguir trabajando para
mejorar en estos temas de cara al futuro debido a su valor estratégico.

Puntúa de 0 a 10, según la siguiente valoración:

- 0 = No es Prioritario
- 10 = Alta Prioridad

*Este Cauce de Participación es una herramienta de gestión integrada para el desarrollo de las
ciudades del Diamante con objeto de poder estudiar sinergias y complementariedades.*

Algunas cuestiones pueden no ser aplicables a una ciudad en concreto.

1 Elementos de la Estructura Física y Funcional de la Ciudad

1.1 Territorio en el que se asienta la ciudad

	E	P
Localización en el contexto internacional (1)	<input type="text"/>	<input type="text"/>
Localización en el contexto de Colombia (2)	<input type="text"/>	<input type="text"/>
Calidad del paisaje del entorno de la ciudad (3)	<input type="text"/>	<input type="text"/>
Cauces y límites de agua en la ciudad (4)	<input type="text"/>	<input type="text"/>

1.2 Infraestructuras de conexión con el exterior

	E	P
Aeropuerto de Cartagena (nivel de servicio) (5)	<input type="text"/>	<input type="text"/>
Aeropuerto de Cartagena (localización) (6)	<input type="text"/>	<input type="text"/>
Red ferroviaria de carga (7)	<input type="text"/>	<input type="text"/>
Red ferroviaria de pasajeros (8)	<input type="text"/>	<input type="text"/>
Red de carreteras y autopistas de conexión de la ciudad con el exterior (9)	<input type="text"/>	<input type="text"/>
Servicio de autobuses interurbanos (10)	<input type="text"/>	<input type="text"/>
Puerto de cruceros (11)	<input type="text"/>	<input type="text"/>
Puerto de contenedores (12)	<input type="text"/>	<input type="text"/>
Puerto de graneles y carga general (13)	<input type="text"/>	<input type="text"/>

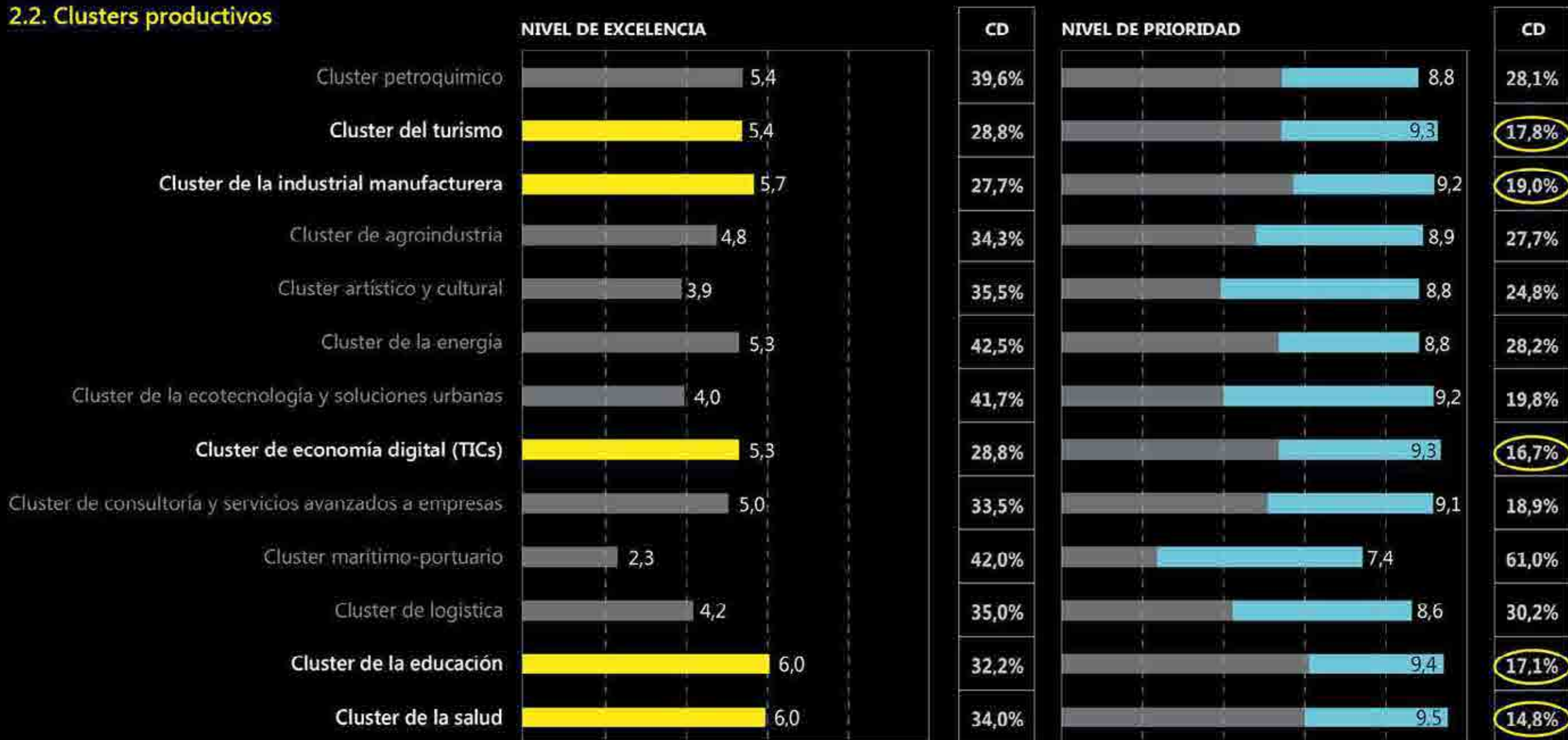
1.3 Estructura y escena urbana

	E	P
Áreas históricas (14)	<input type="text"/>	<input type="text"/>
Áreas centrales con mezcla de usos y concentración de actividad (15)	<input type="text"/>	<input type="text"/>
Atractivo de la línea de costa o riberas fluviales (16)	<input type="text"/>	<input type="text"/>
Grandes vías urbanas y metropolitanas (17)	<input type="text"/>	<input type="text"/>
Singularidad y atractivo de la imagen urbana (18)	<input type="text"/>	<input type="text"/>
Monumentos e hitos singulares (19)	<input type="text"/>	<input type="text"/>
Calidad de la arquitectura tradicional (20)	<input type="text"/>	<input type="text"/>
Calidad de la arquitectura moderna (21)	<input type="text"/>	<input type="text"/>
El verde en la ciudad (22)	<input type="text"/>	<input type="text"/>



2. Sociedad, Economía y Gobierno del Territorio

2.2. Clusters productivos









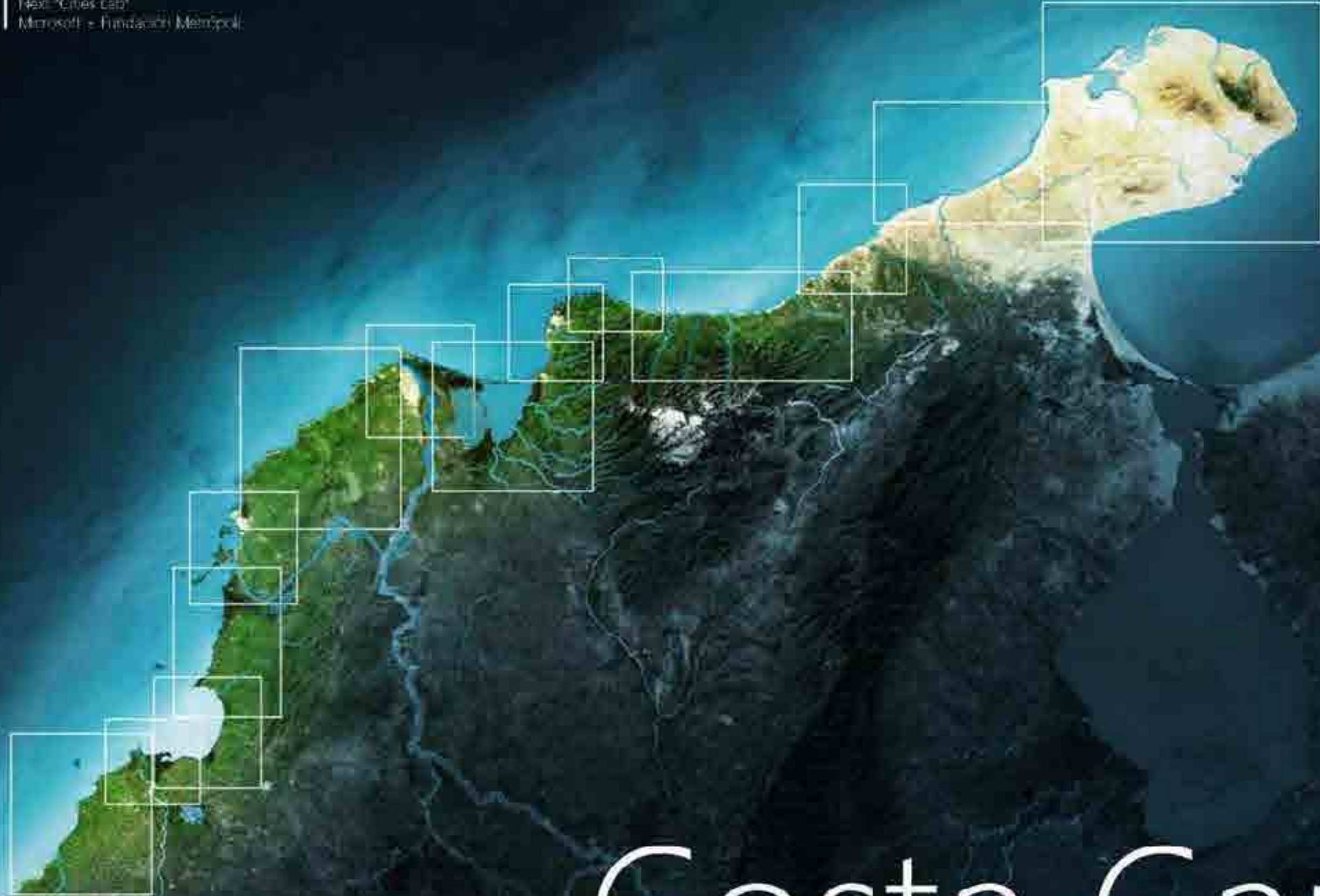


El Territorio del Diamante

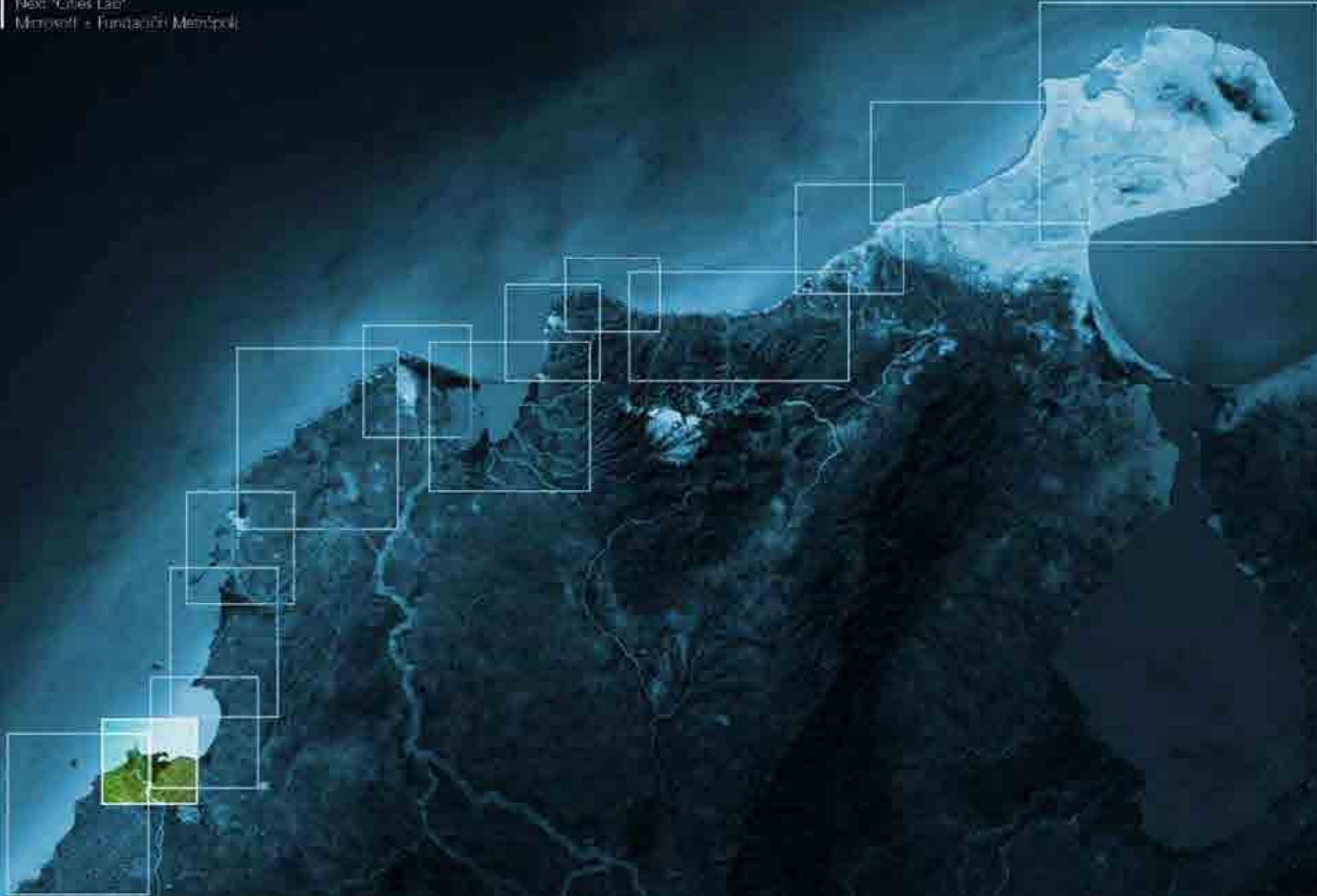


Gobierno
de **COLOMBIA**





Costa Caribe



El Delta del Sinú y la Bahía de Cispatá

Diamante Caribe y Santanderes de Colombia

Hot. Cuestado
Mitoski - Zapata in Mérida



El Delta del Sinú y la Bahía de Cispatá



El Litoral de San Onofre

Diamante Caribe y Santanderes de Colombia

Next "Cities Lab"
Ministry of Environment - Fundación Matarzal



TURBACO

TURBANA

Caño Lequerica

Archipiélago
Islas Coralinas del
Rosario

BARU

Bahía
Barbacoas

Caño Matunilla

Punta Barbacoas

Boca de Doña Luisa

Punta Comisario

Punta La Salina

Archipiélago
de San Bernardo

Punta Rincón

SAN ONOFRE

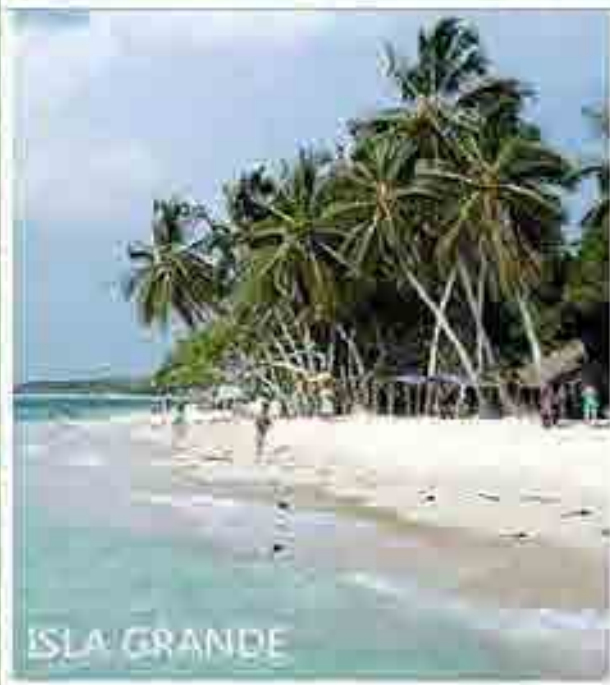
El Litoral de San Onofre



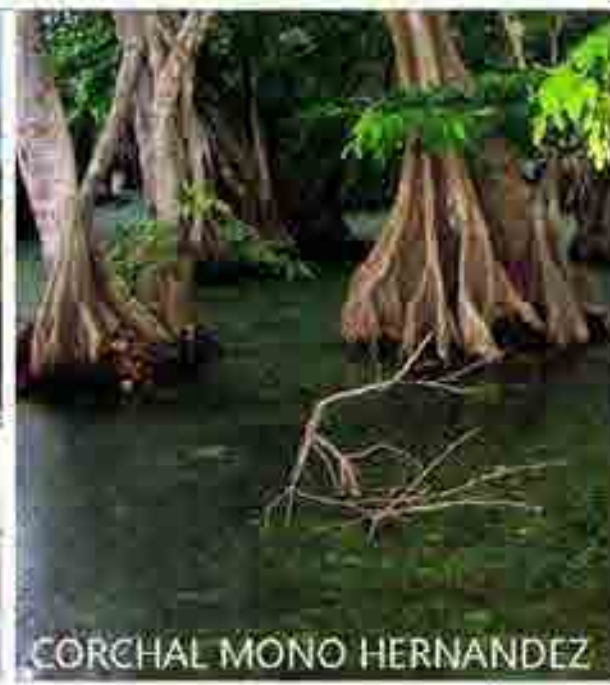
PLAYAS SAN ONOFRE



SALAS, SAN ONOFRE



ISLA GRANDE



CORCHAL MONO HERNANDEZ



Costa Tayrona

Diamante Caribe y Santanderes de Colombia

Next "Cities Lab"
Microsoft - Fundación Metrópolis

Isla de la Aguja
Ensenada Chengue
Ensenada Concha
Ensenada Neguanje
Ensenada Guachaquita
Playa Cinto
Ensenada Palmarito
Cabo San Juan de Guía
Arrecifes
Punta Cañaveral
Parque Nacional Natural Tayrona

TAGANGA
BONDA
SANTA MARTA

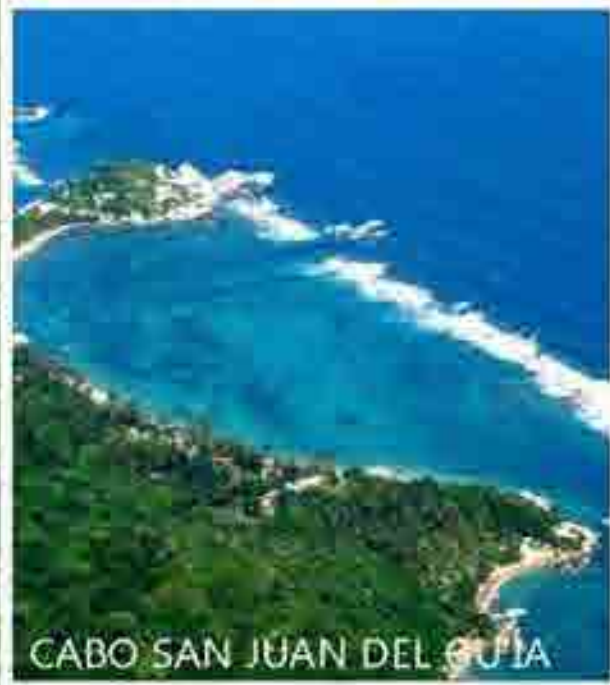
Costa Tayrona



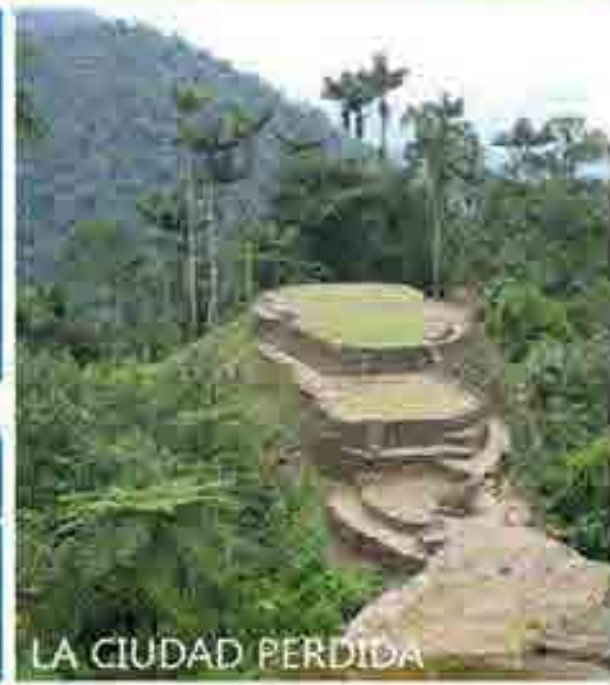
PARQUE NACIONAL NATURAL DE TAYRONA



ENSENADA DE CHENGUE



CABO SAN JUAN DEL GUÍA



LA CIUDAD PERDIDA



Costa Oriental y Meridional de La Guajira

Diamante Caribe y Santanderes de Colombia

Mapa "Cibacab"
Mito y Realidad - Fundación Mito y Realidad



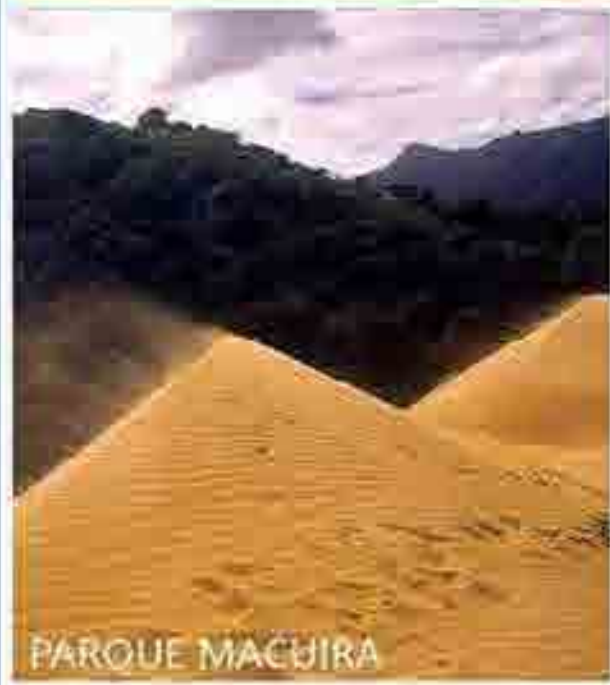
Costa Oriental y Meridional de La Guajira



BAHÍA HONDA, SAN JOSÉ



DUNAS DE PUERTO ESTRELLA



PARQUE MACAIRA

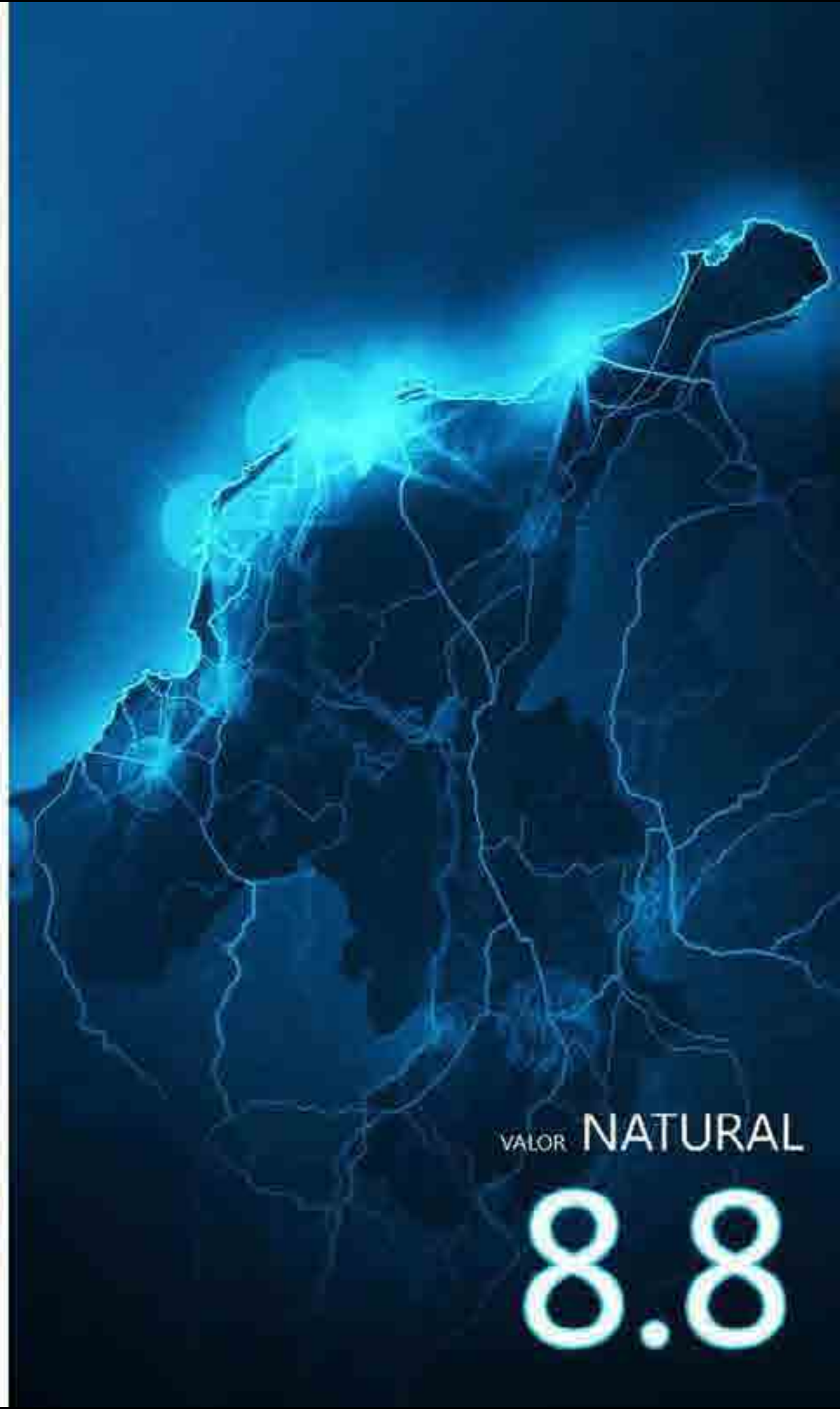


LAGUNA DE LOS PATOS



Diamante, Caribe
y Santanderes de Colombia

Sistemas coralinos



VALOR NATURAL

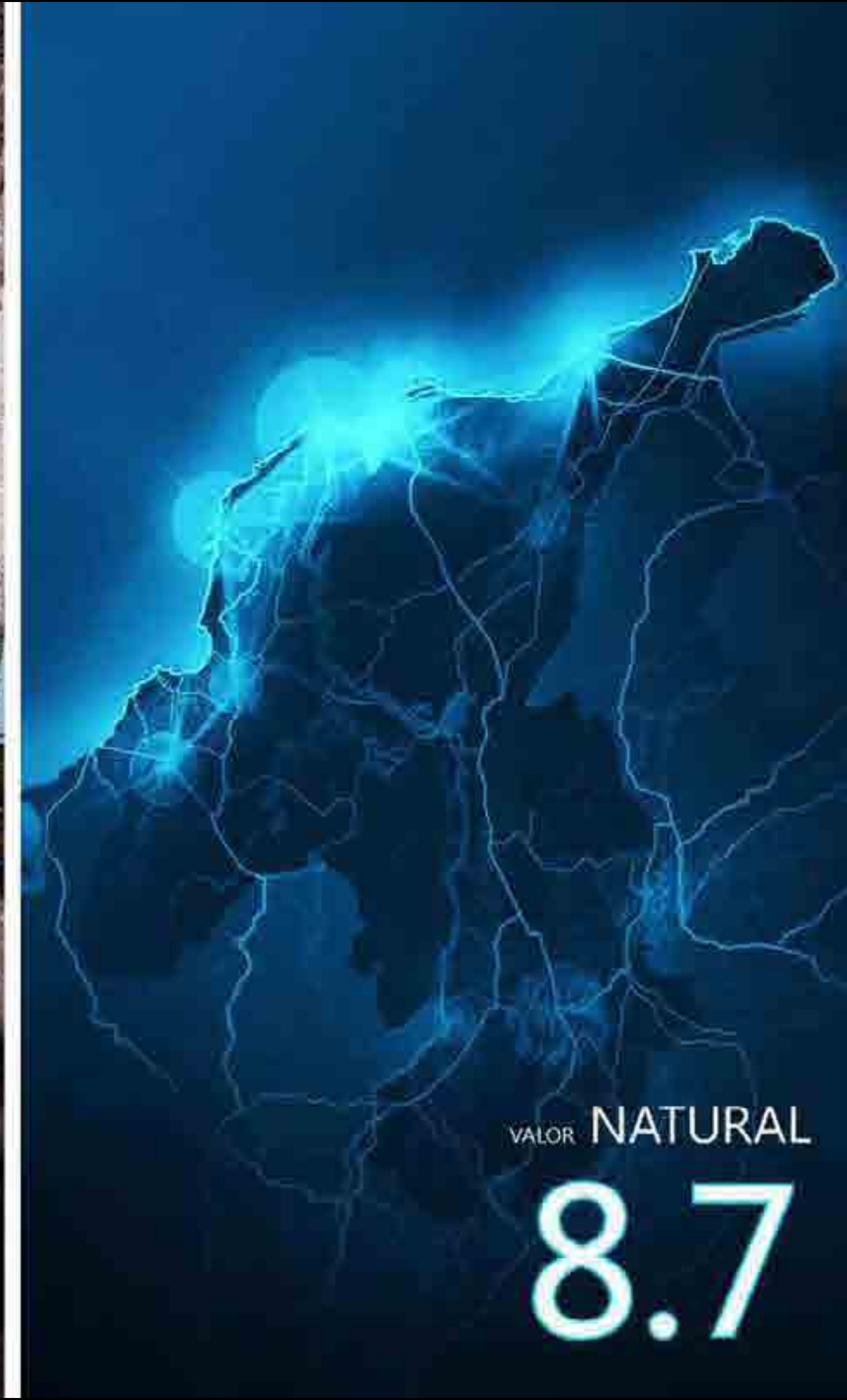
8.8



Diámante Caribe |
Santanderes, Colombia

Play Cities Lab
Instituto Tecnológico de Medellín

Manglares



VALOR NATURAL

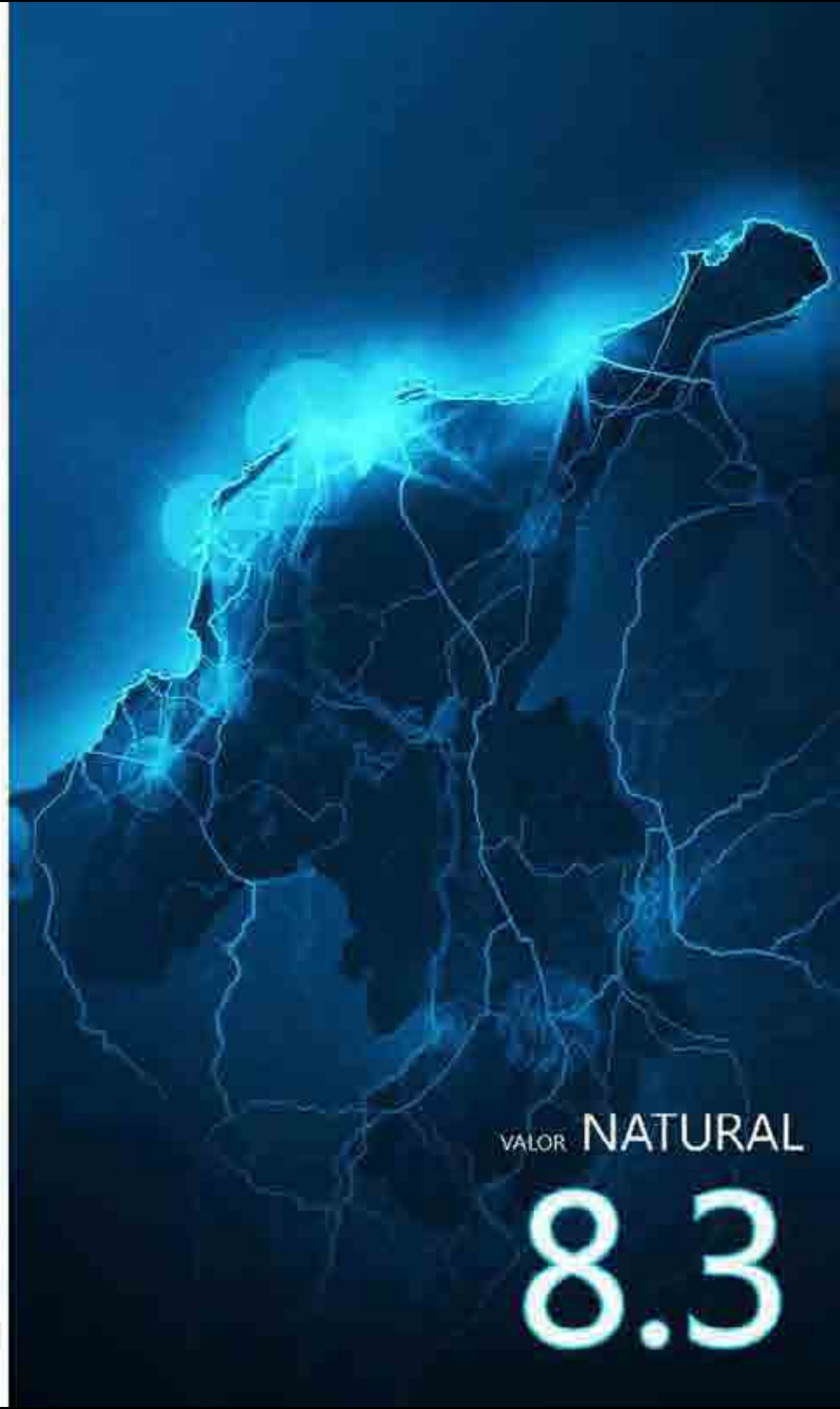
8.7



Diamante, Caribe
y Santar dejes de la Cumbria

Next City: 011
Mapa: 011

Pequeñas islas litorales



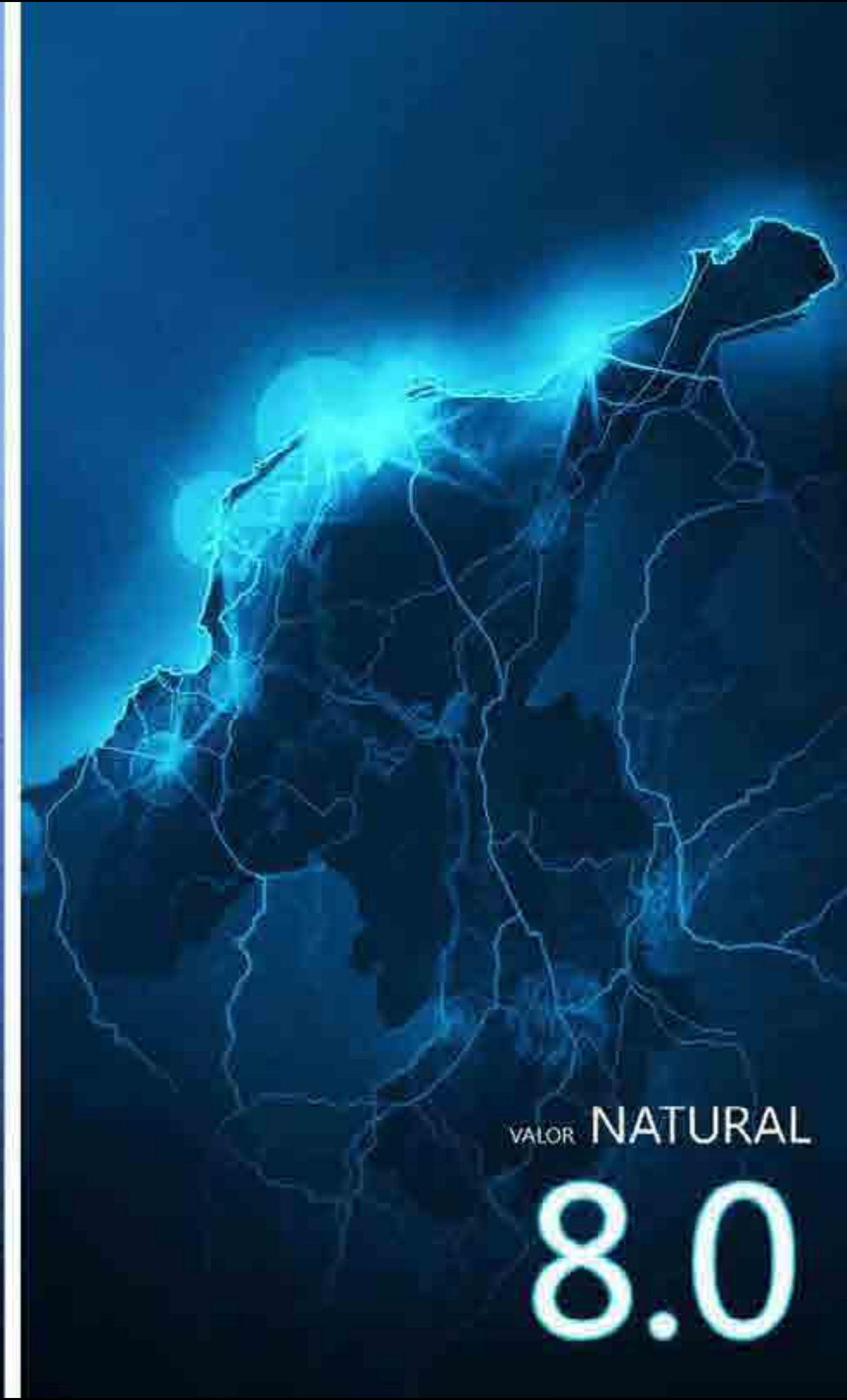
VALOR NATURAL

8.3



Diamante Caribe
y Similitudes de Colombia

Acantilados y costas rocosas



VALOR NATURAL

8.0



Playas de arena



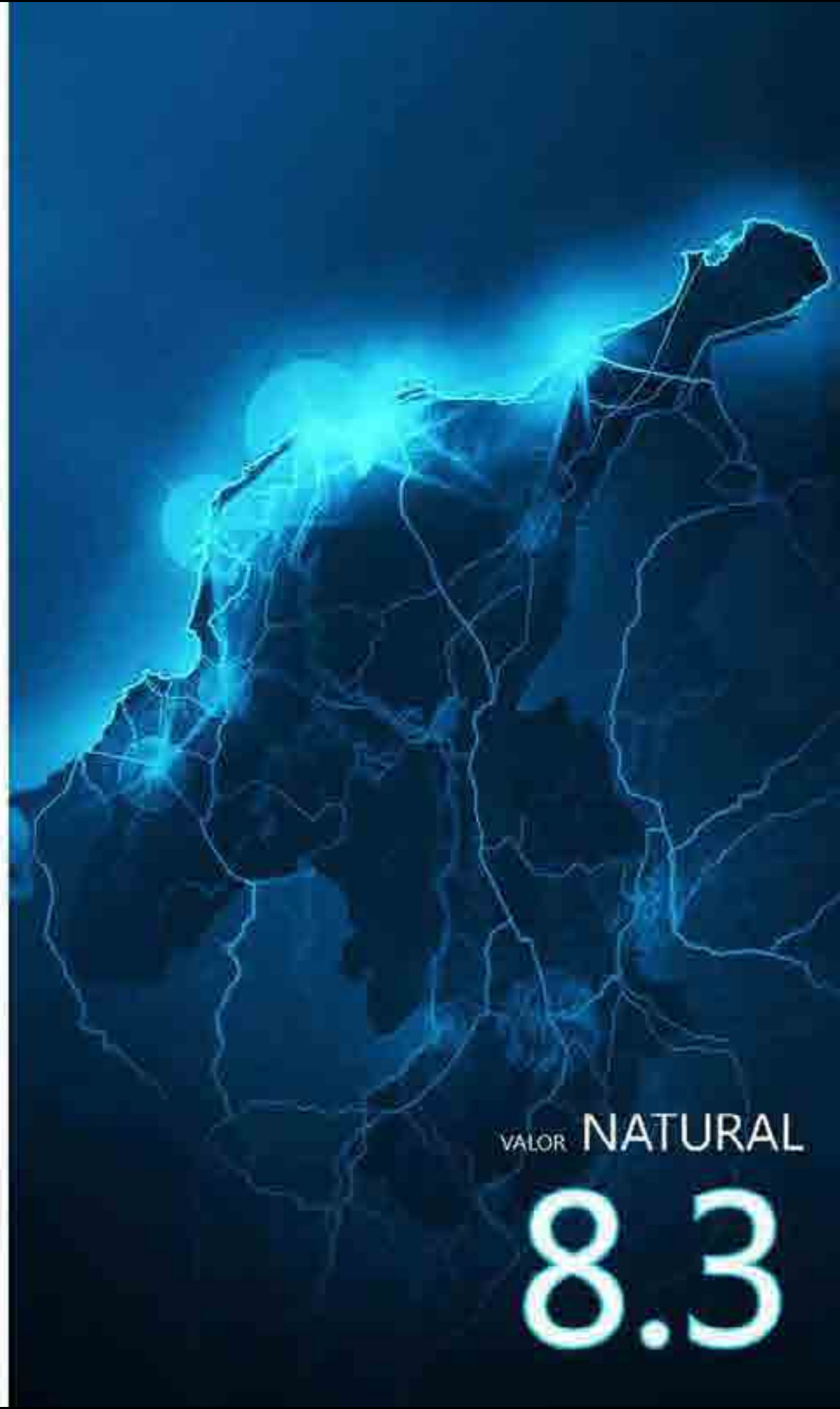
VALOR NATURAL

8.9



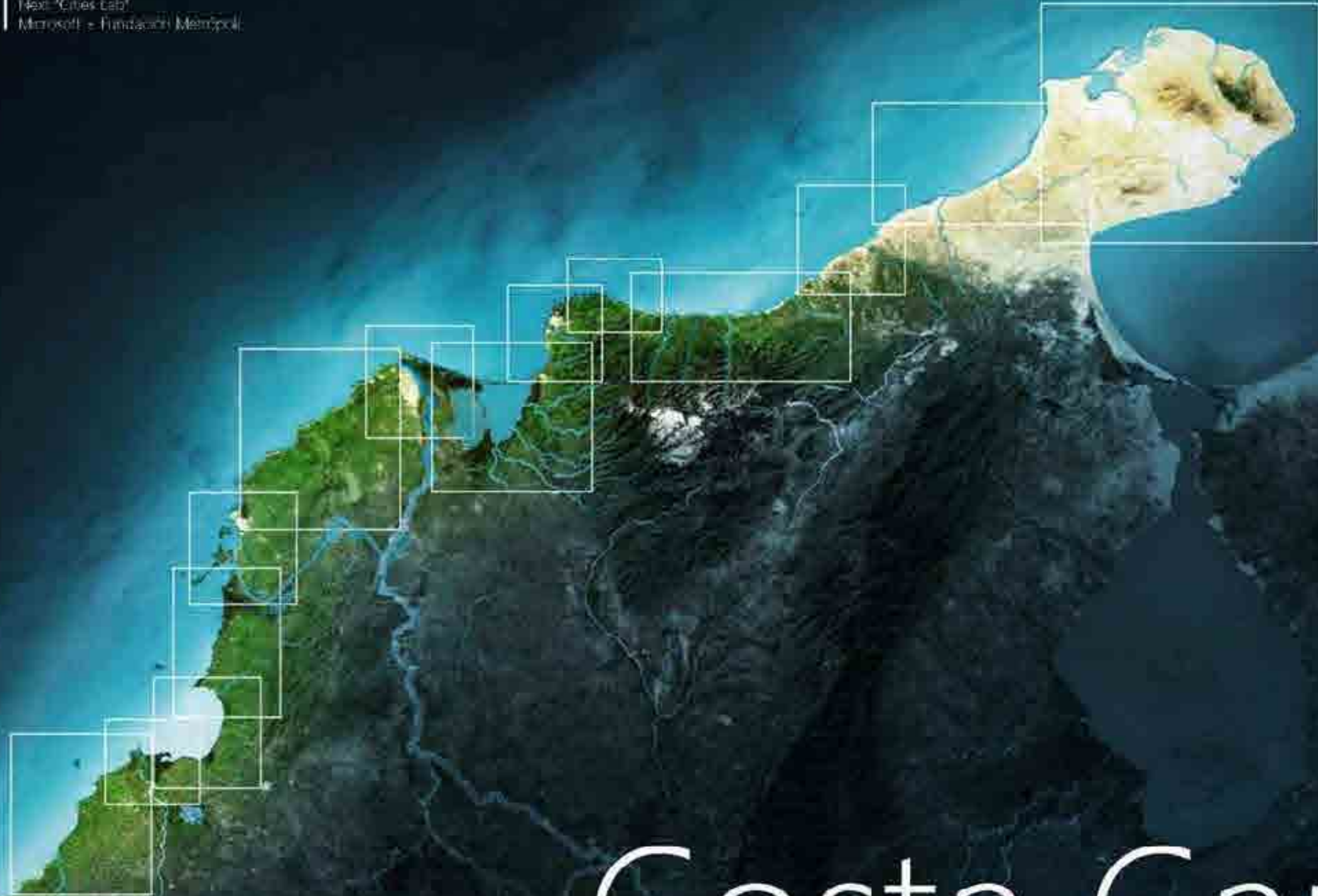
Diamante Costero | [Ver más](#)
y Santanderes de Chile | [Ver más](#)

Litorales urbanos y metropolitanos



VALOR NATURAL

8.3



Costa Caribe

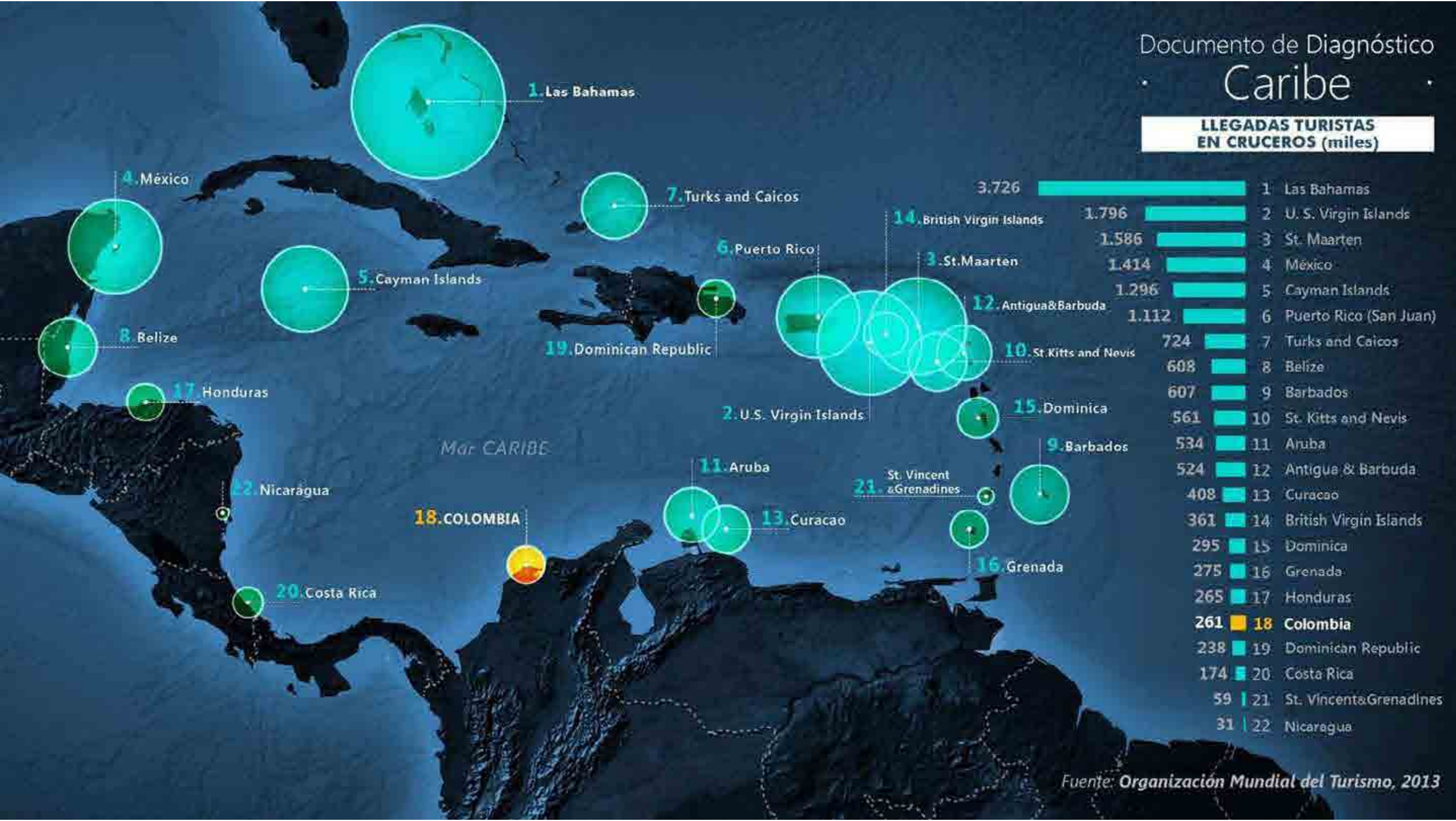
Documento de Diagnóstico
Caribe

RUTAS DE CRUCEROS

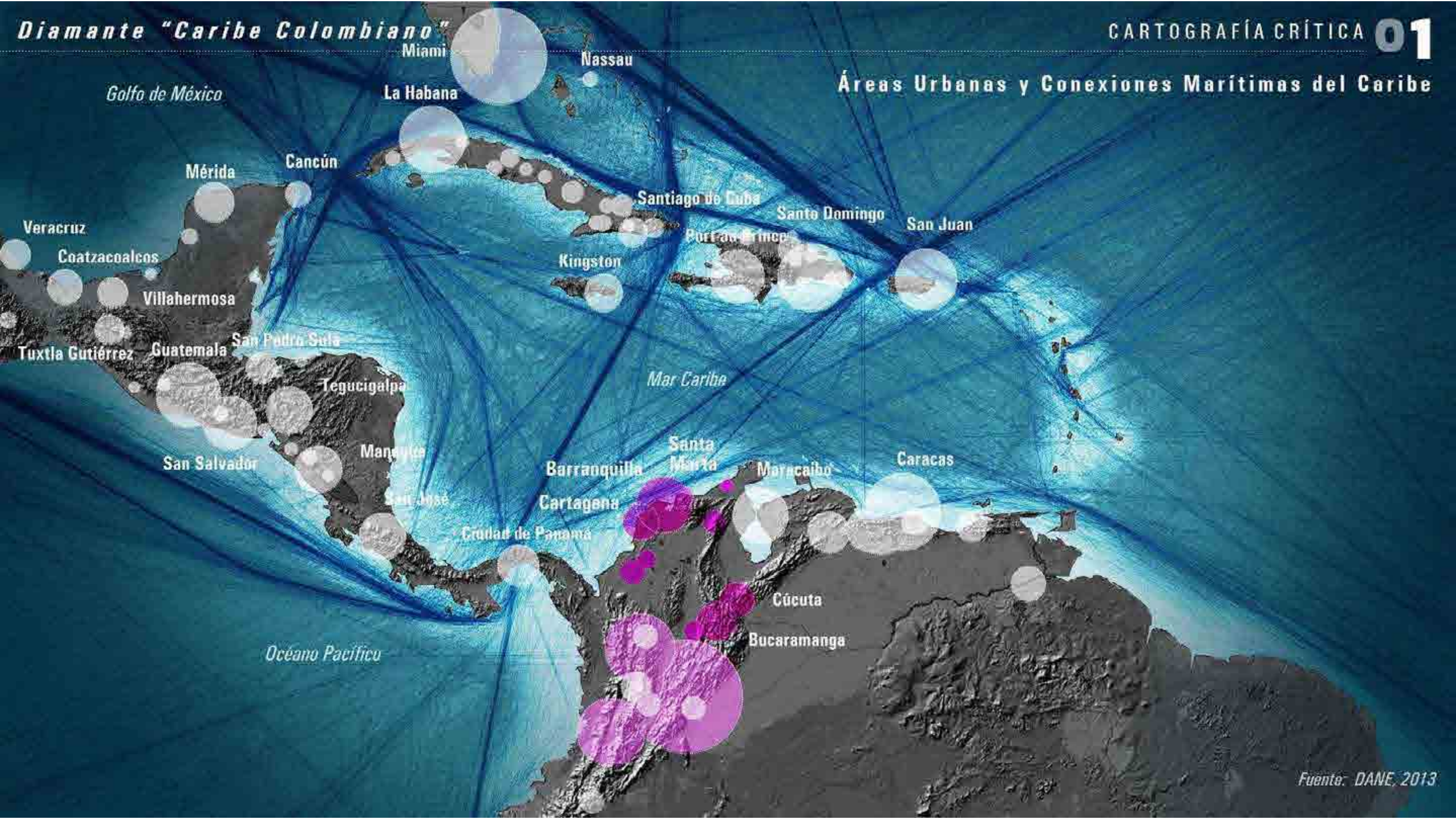


Documento de Diagnóstico Caribe

LLEGADAS TURISTAS EN CRUCEROS (miles)



Áreas Urbanas y Conexiones Marítimas del Caribe



CARIBE

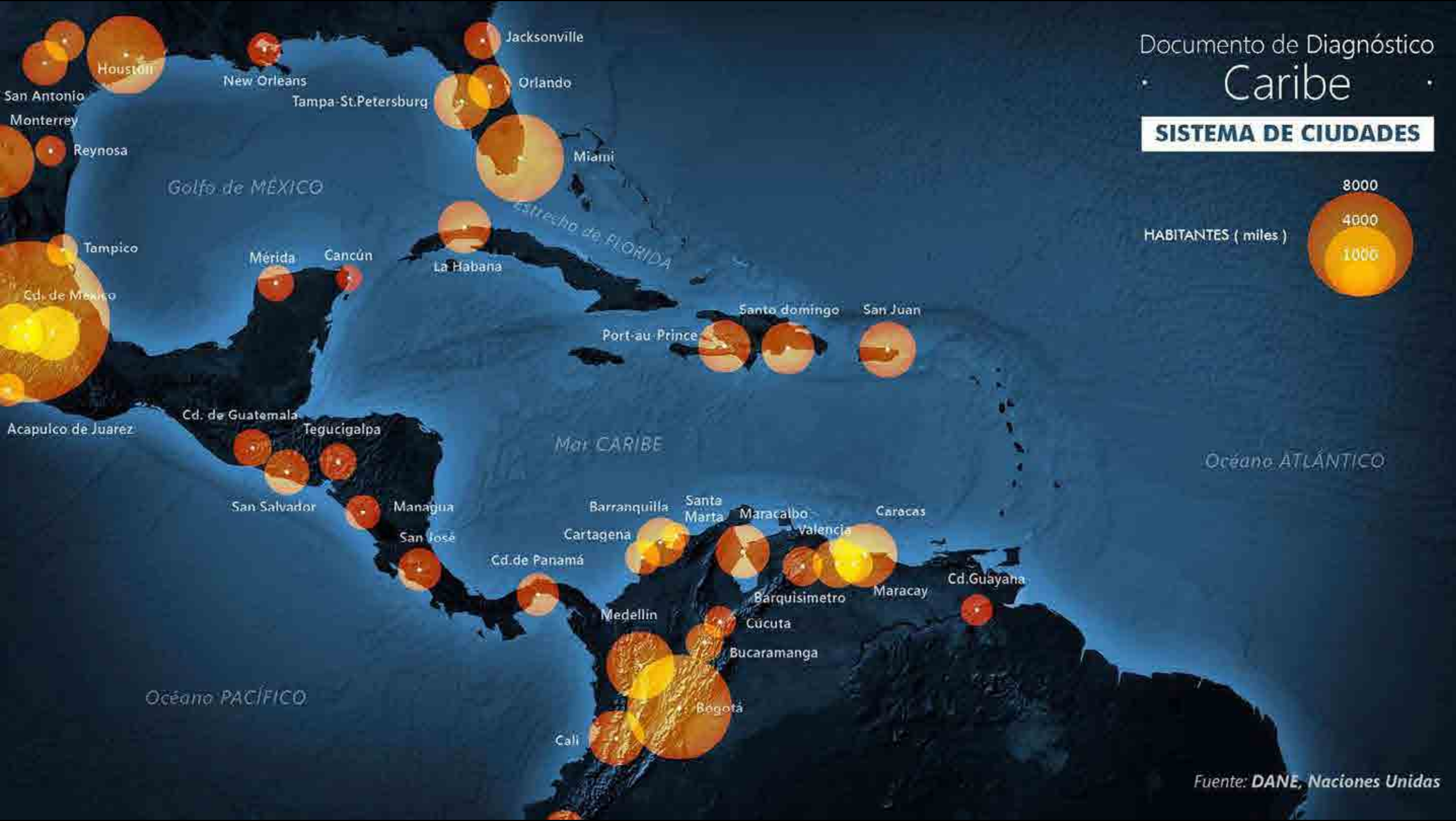


Sistema de puertos

Fuente: CEPAL, American Association of Port Authorities

Documento de Diagnóstico Caribe

SISTEMA DE CIUDADES



Houston 4,1

Miami 6,2

La Habana 3,2

Cancún 3,5

Kingston 3,8

Santo Domingo 3,6

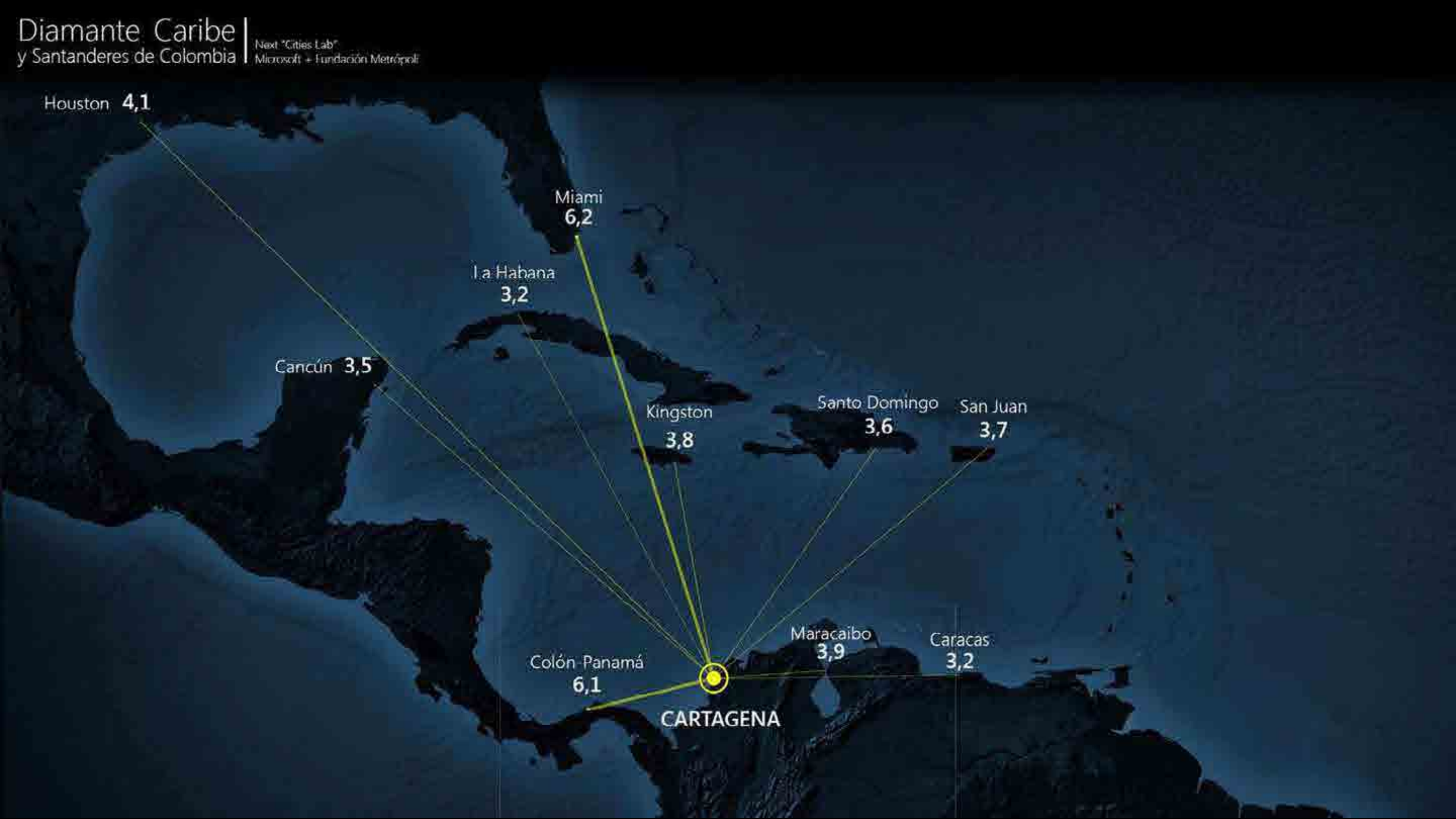
San Juan 3,7

Colón-Panamá 6,1

Maracaibo 3,9

Caracas 3,2

CARTAGENA

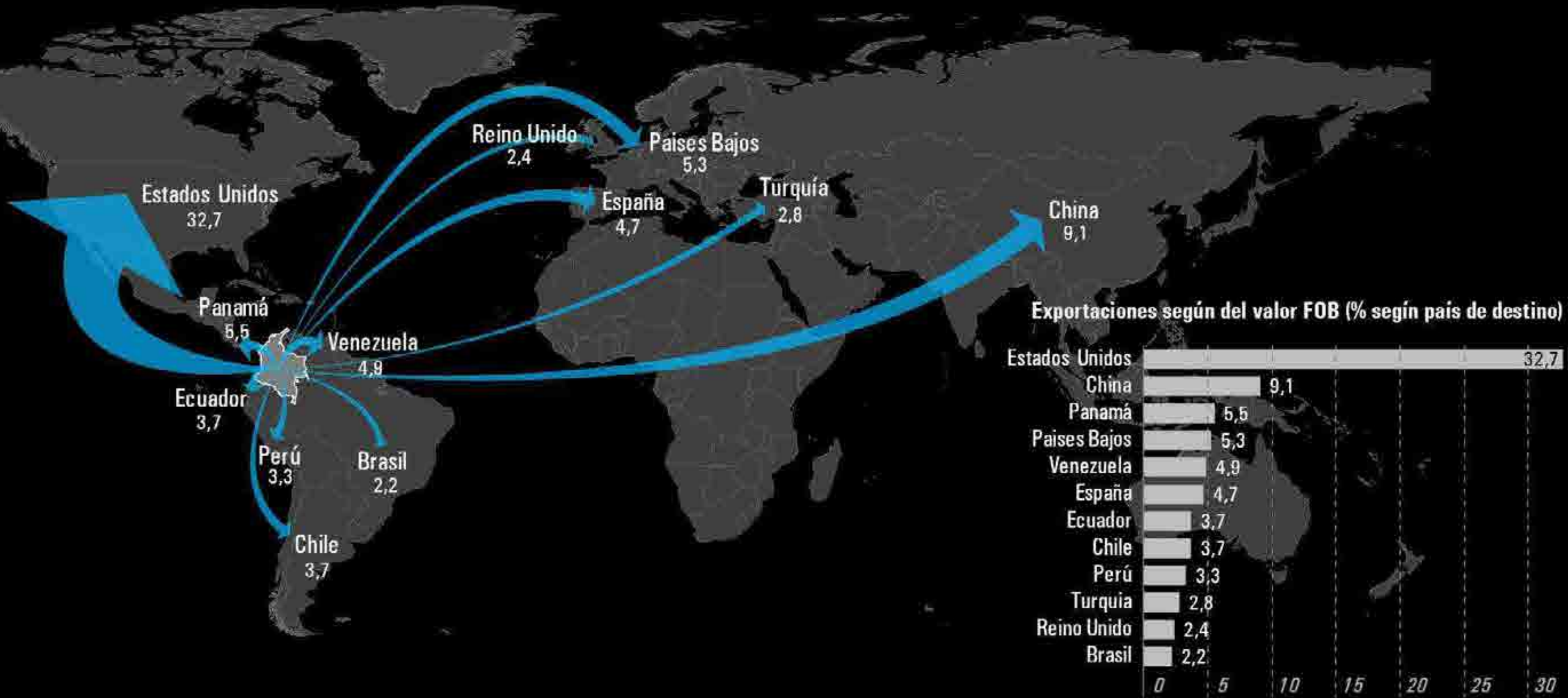




Diamante Caribe y Santanderes de Colombia

Next "Cities Lab"
Microsoft + Fundación Metrópoli





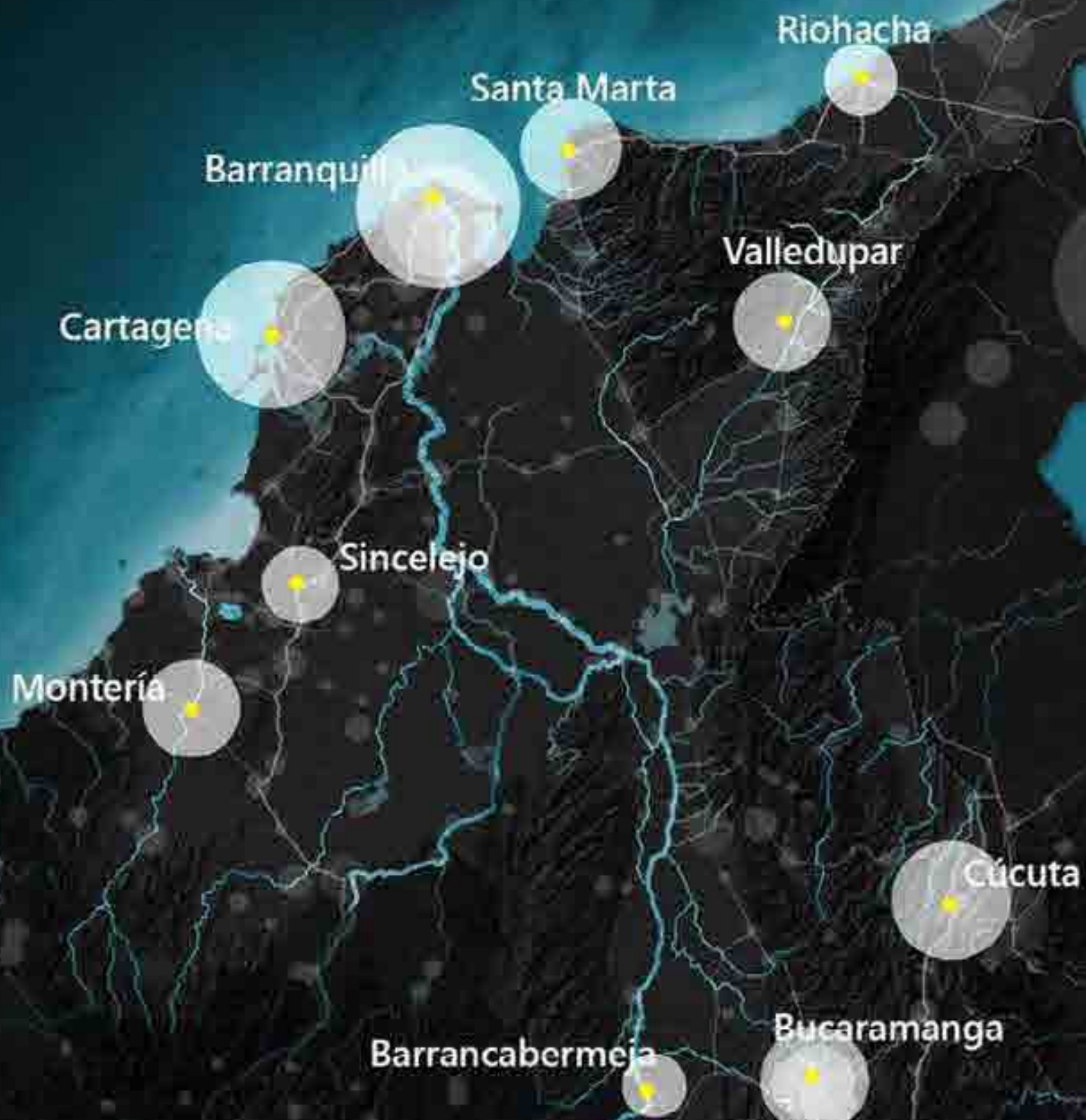


Río Magdalena

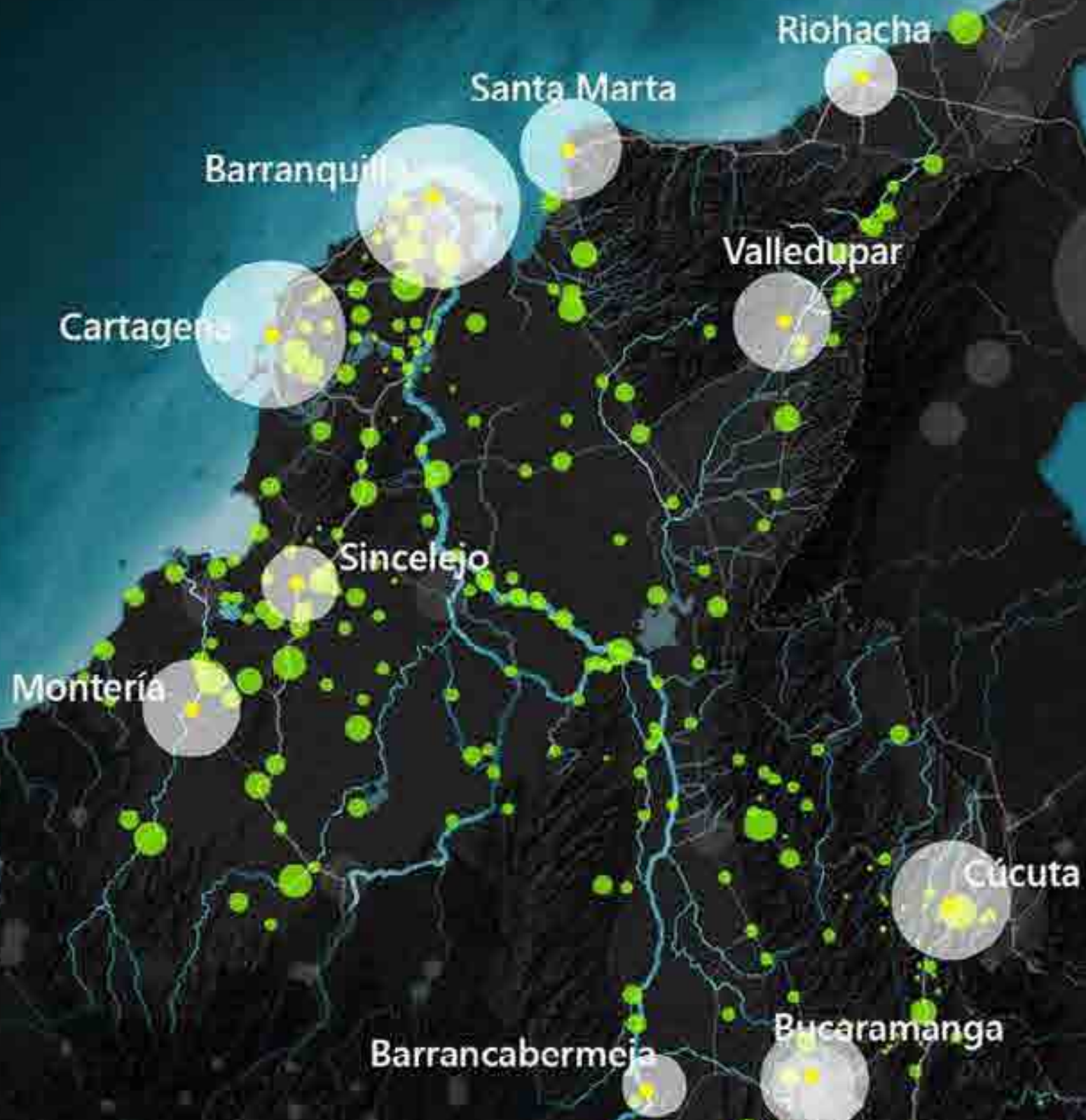


Rio Magdalena. Eje vertebrador

Ciudades del Diamante



Ciudades del Diamante





Vocación del Territorio



Las Ciudades del Diamante

Diamante Caribe
y Santanderes de Colombia

Next "Cities Lab"
Microsoft + Fundación Metrópolis

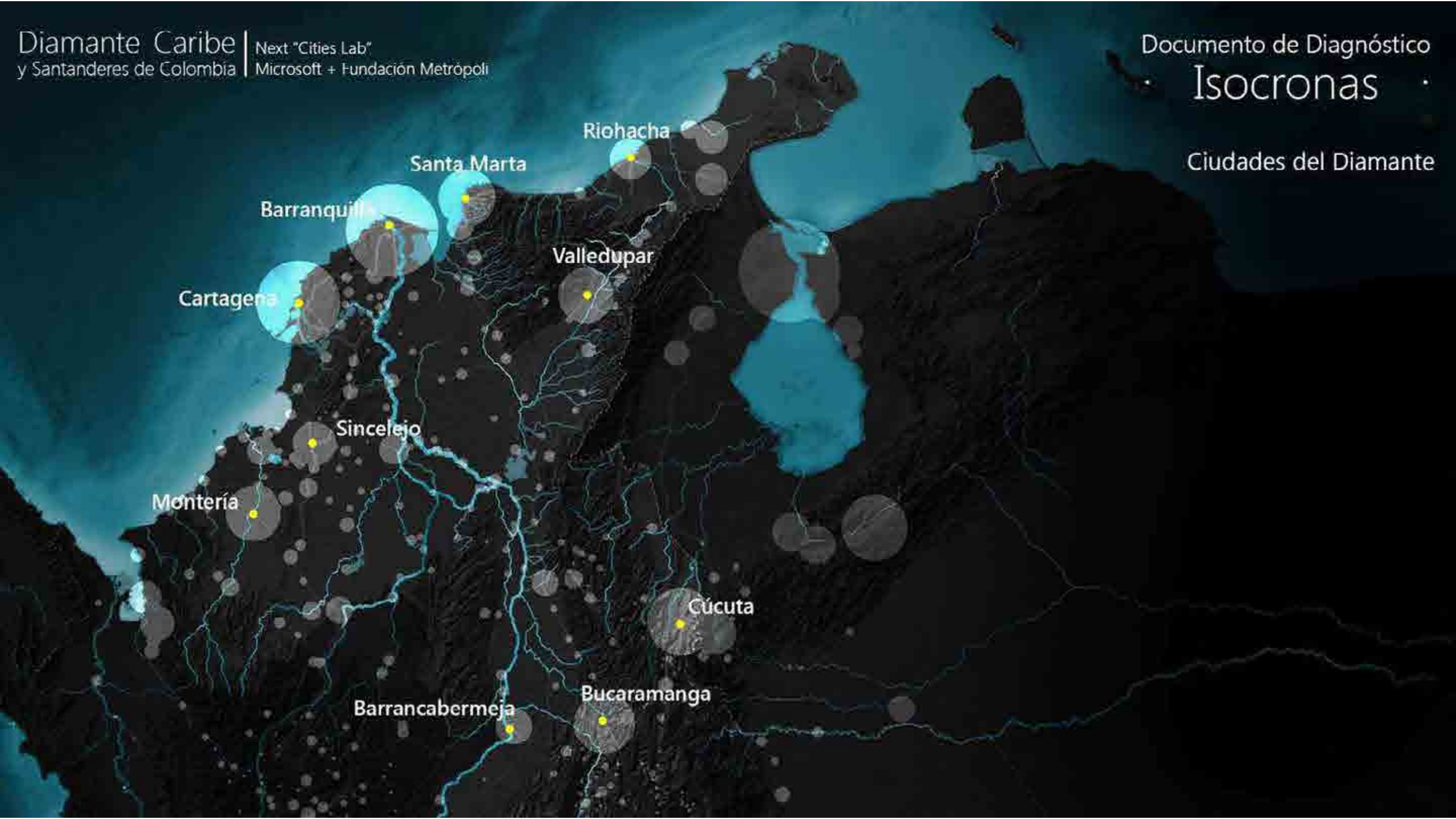


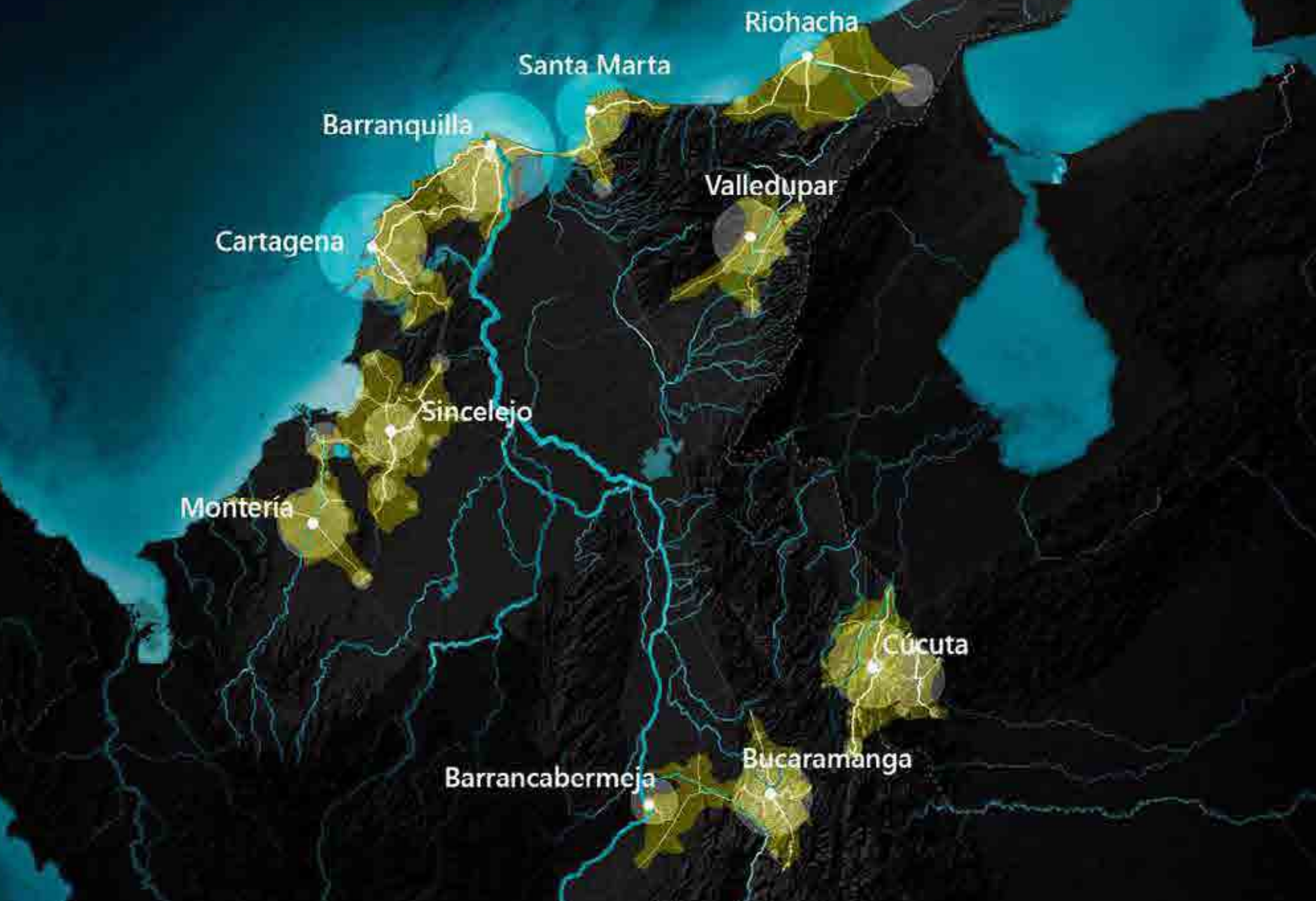
Gobierno
de COLOMBIA

Findeter
Financiera del Desarrollo



Ciudades del Diamante

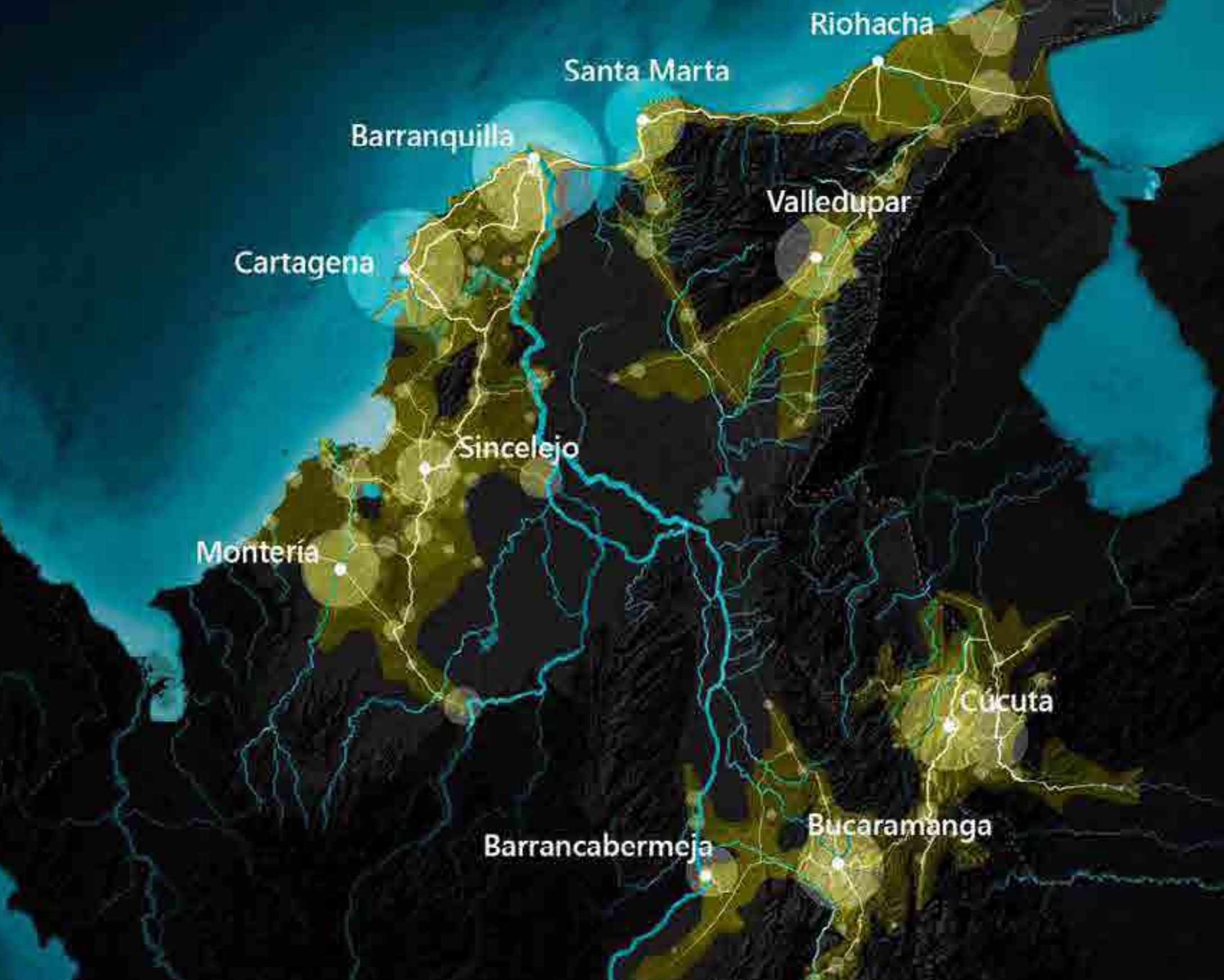




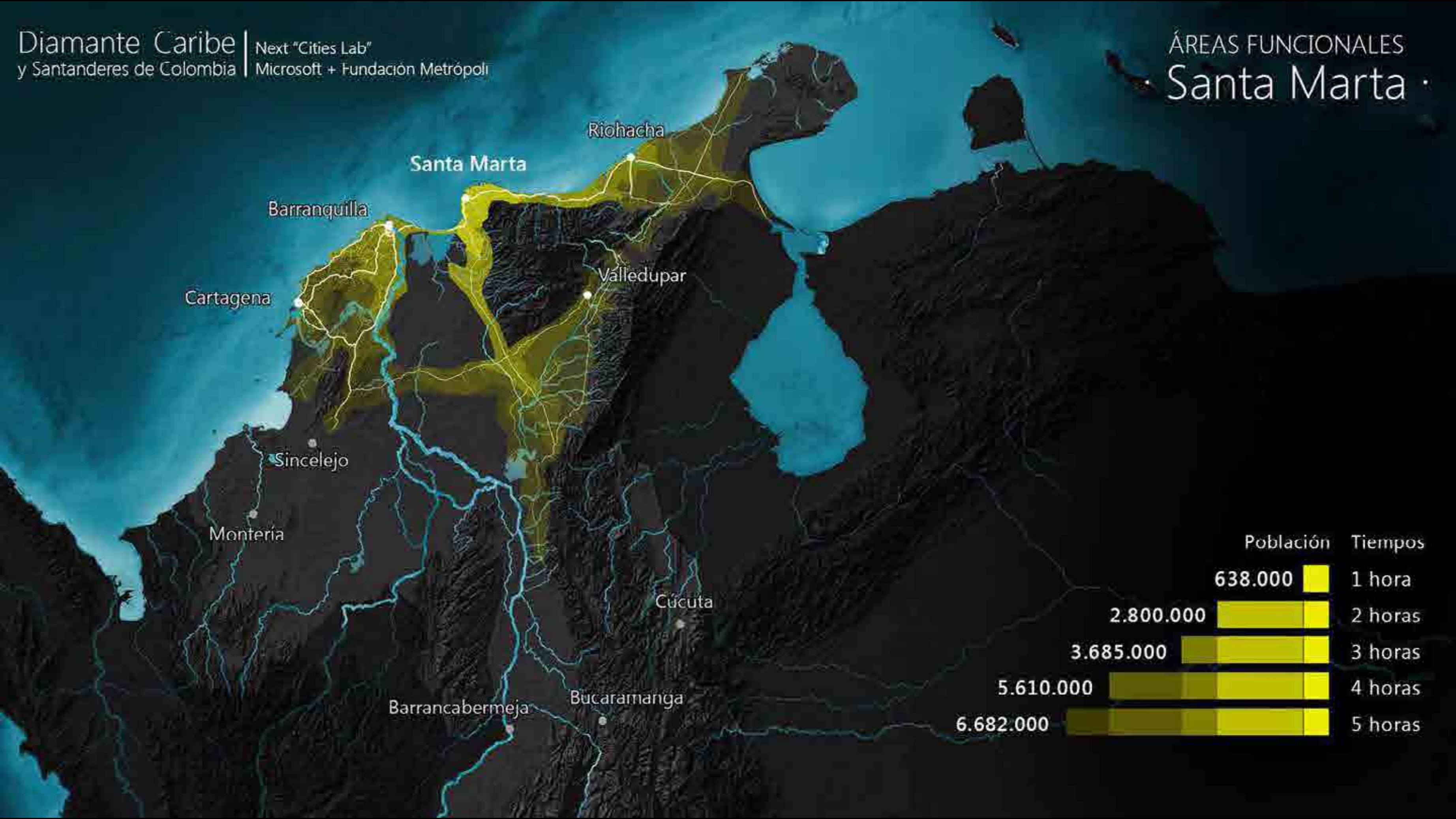
Ciudades del Diamante
Área funcional de 1h de viaje

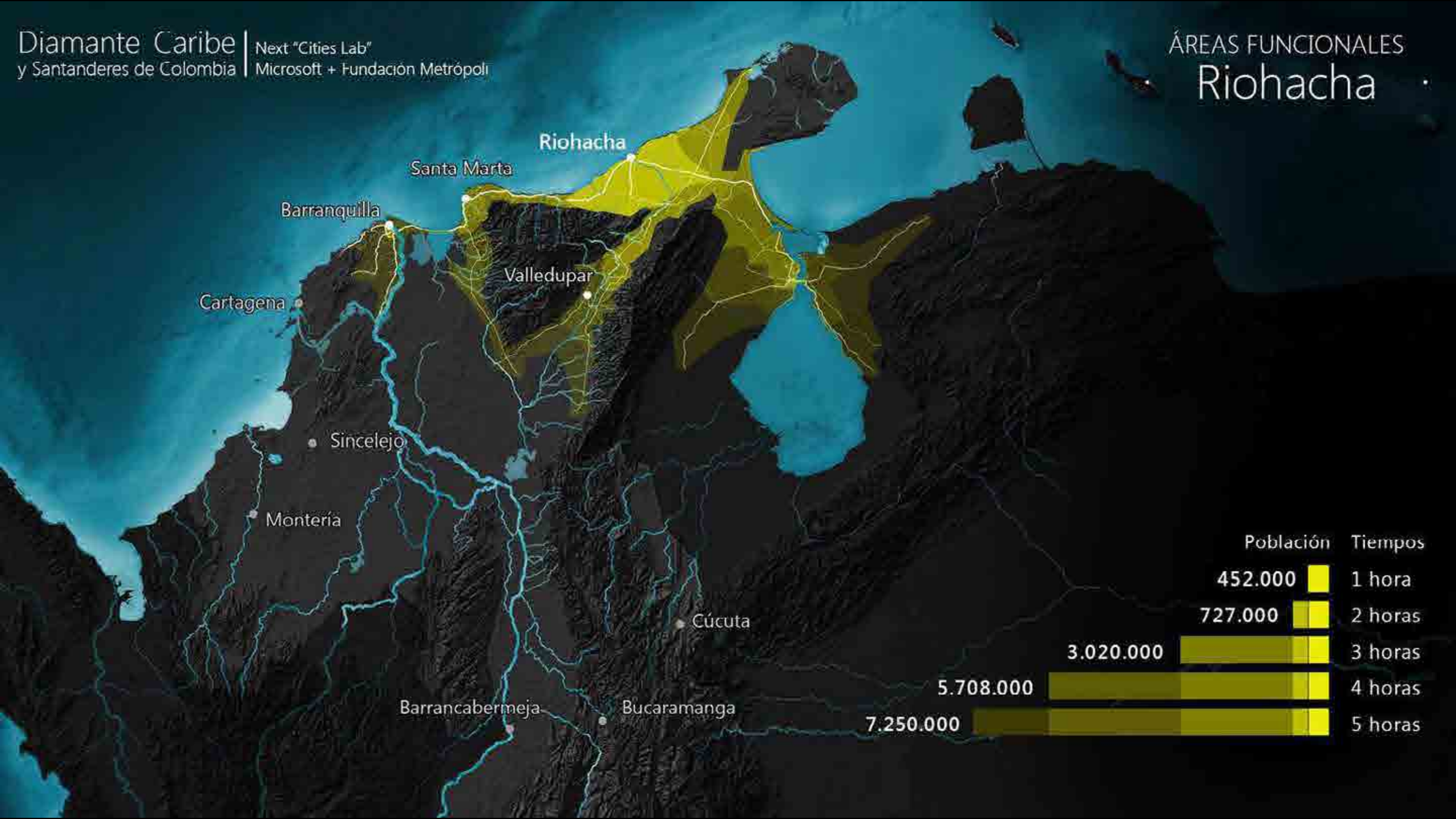
Población Ciudad	
2.455.000	Barranquilla
1.730.000	Cúcuta
1.375.000	Cartagena
1.245.000	Bucaramanga
970.000	Sincelejo
970.000	Montería
638.000	Valledupar
638.000	Sta Marta
452.000	Riohacha
257.000	Barrancabermeja

Ciudades del Diamante
Área funcional de 2h de viaje

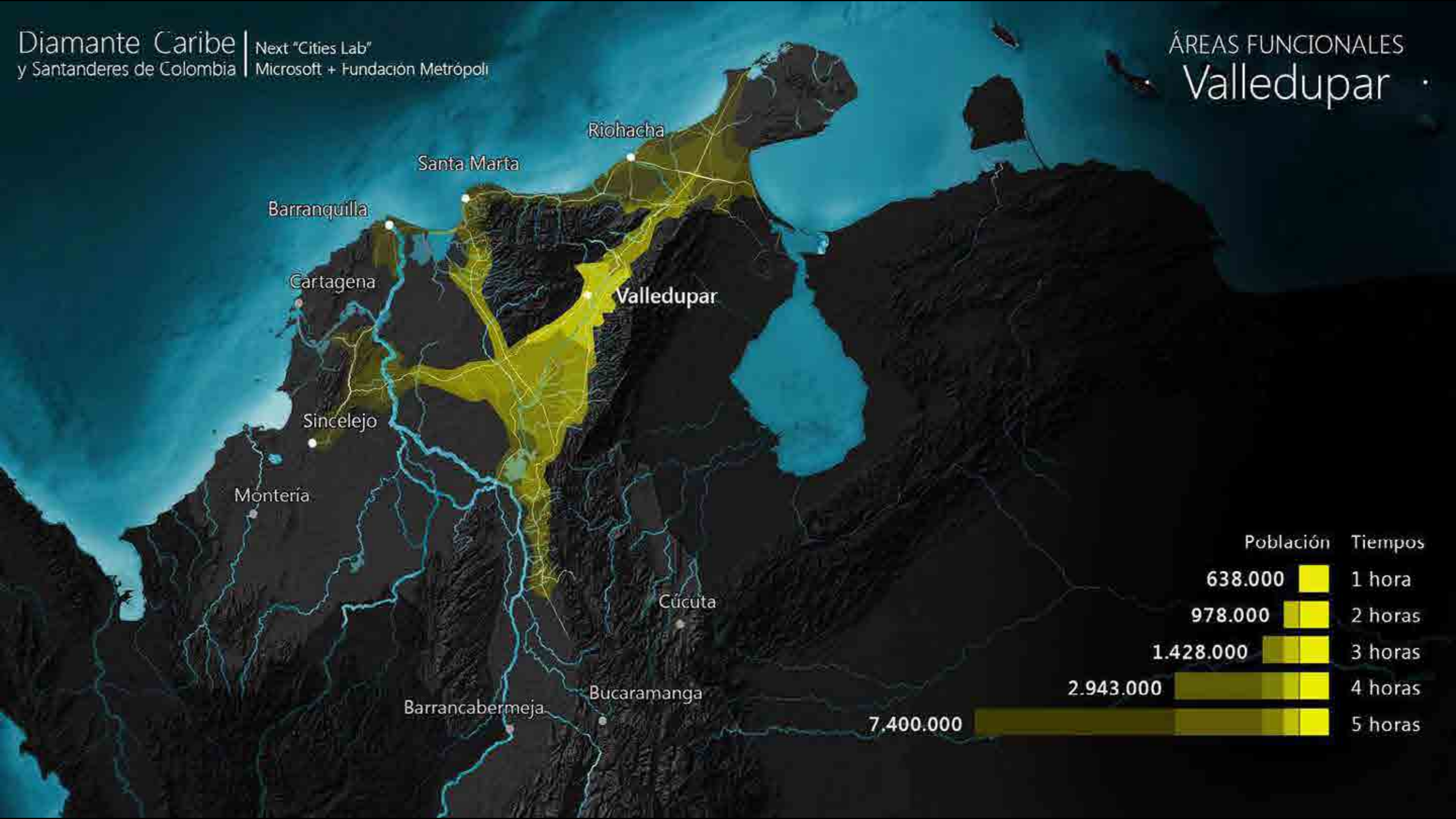


Población	Ciudad
4.550.000	Barranquilla
3.995.000	Cartagena
2.800.000	Sta Marta
2.345.000	Sincelejo
2.145.000	Cúcuta
1.992.000	Montería
1.657.000	Bucaramanga
1.387.000	Barrancabermeja
978.000	Valledupar
727.000	Riohacha

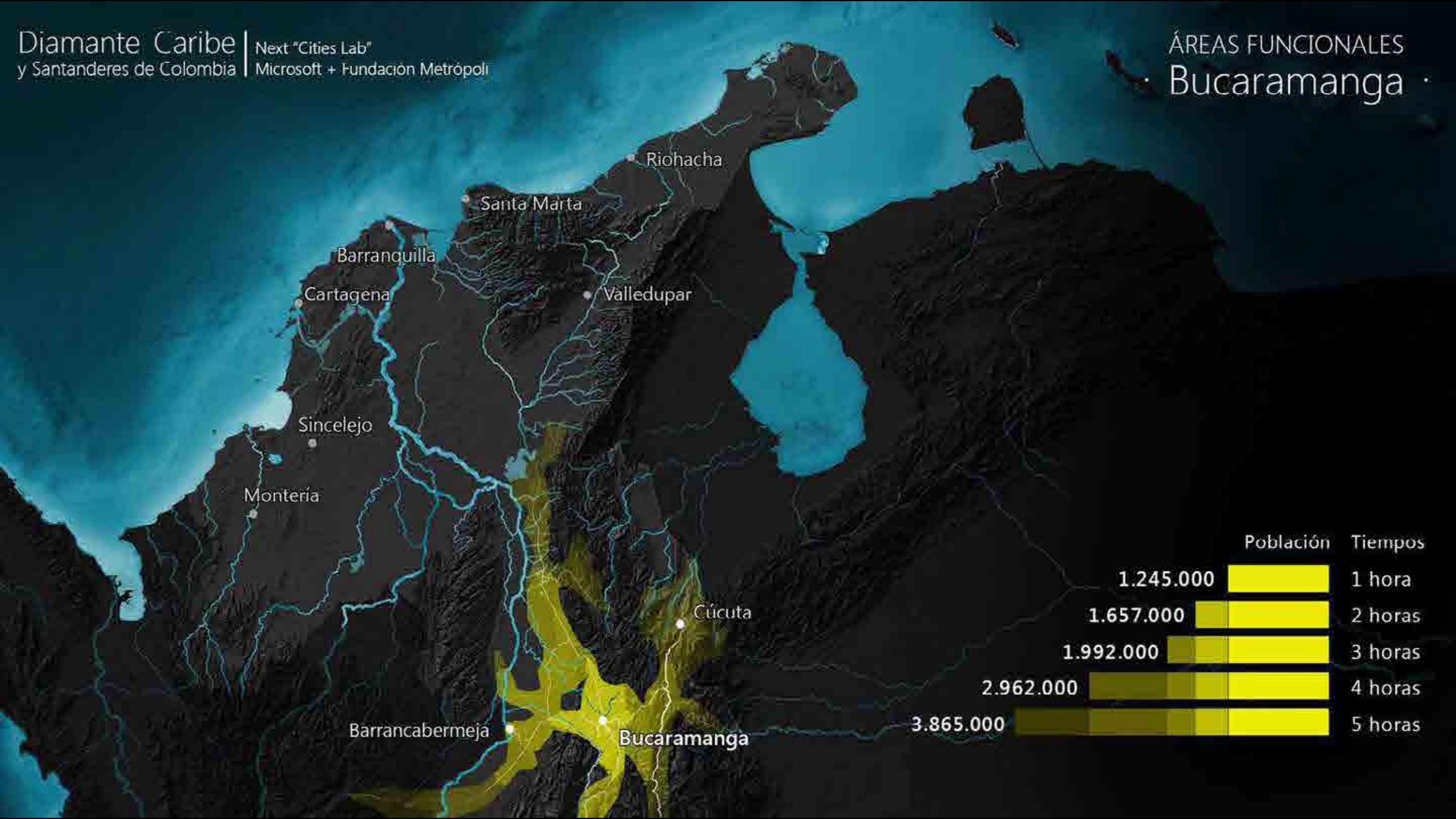




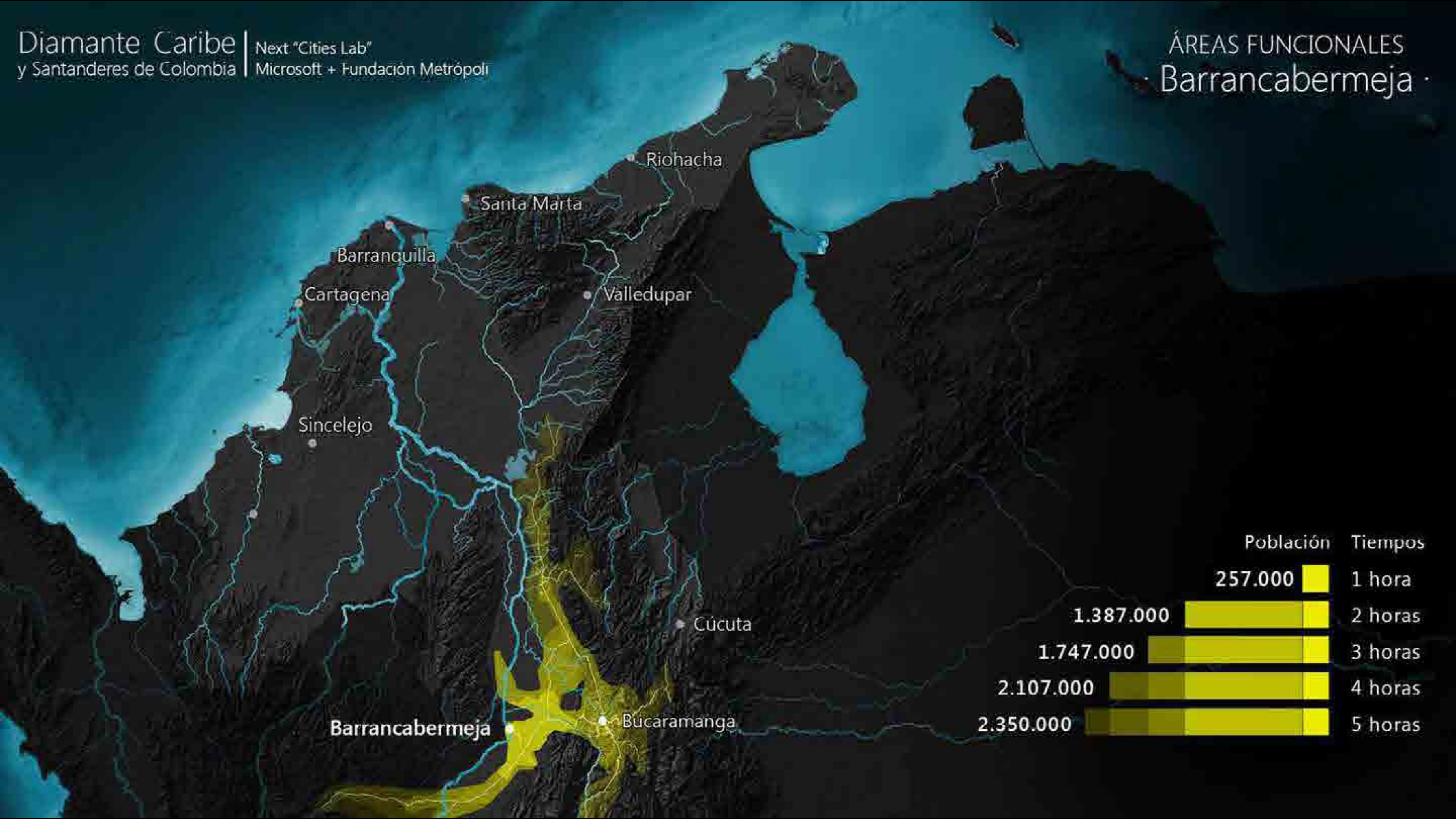
Población	Tiempos
452.000	1 hora
727.000	2 horas
3.020.000	3 horas
5.708.000	4 horas
7.250.000	5 horas



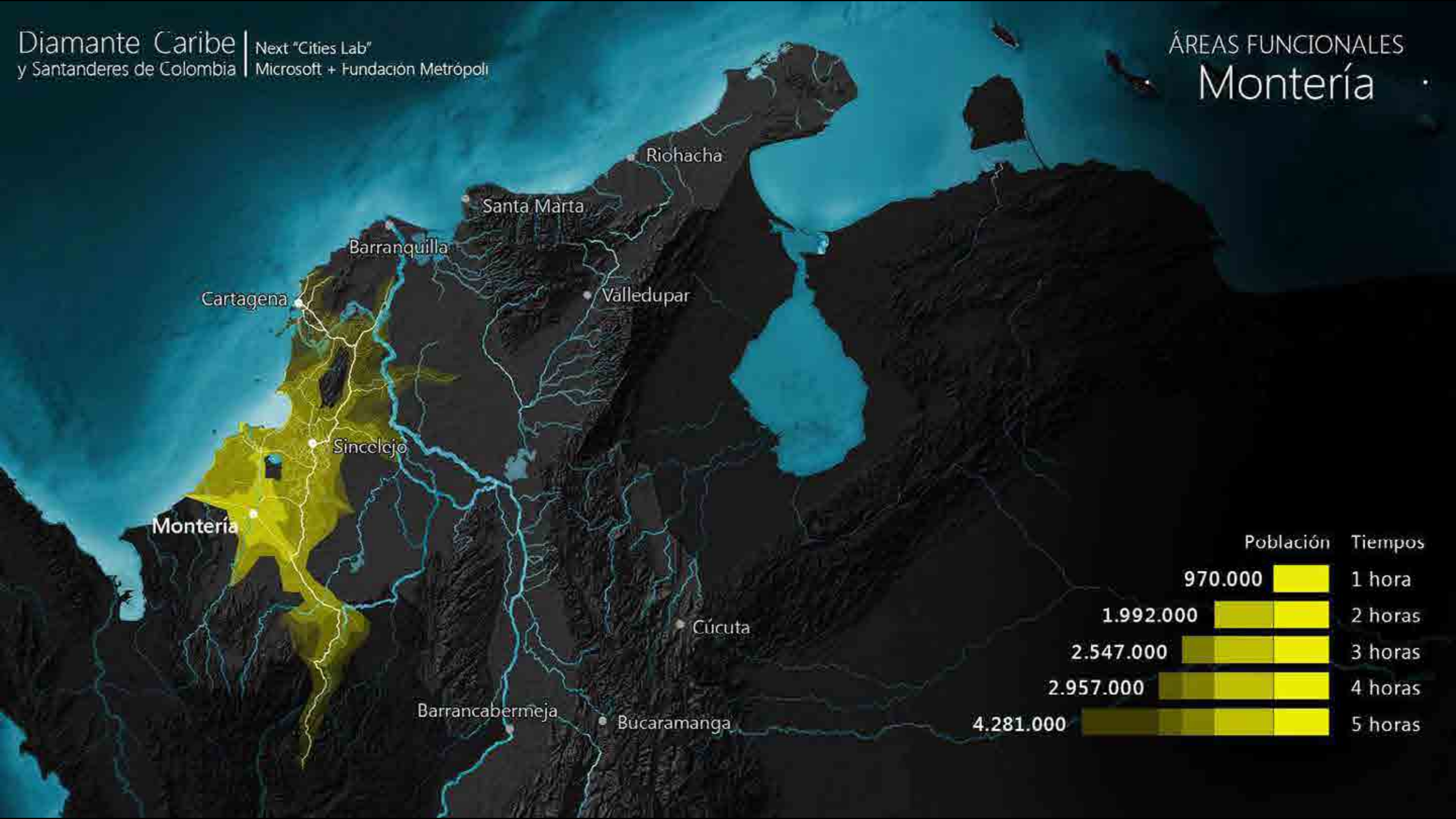
Riohacha
Santa Marta
Barranquilla
Cartagena
Valledupar
Sincedejo
Montería
Cúcuta
Bucaramanga
Barrancabermeja



Riohacha
Santa Marta
Barranquilla
Cartagena
Valledupar
Sincedejo
Montería
Cúcuta
Barrancabermeja
Bucaramanga

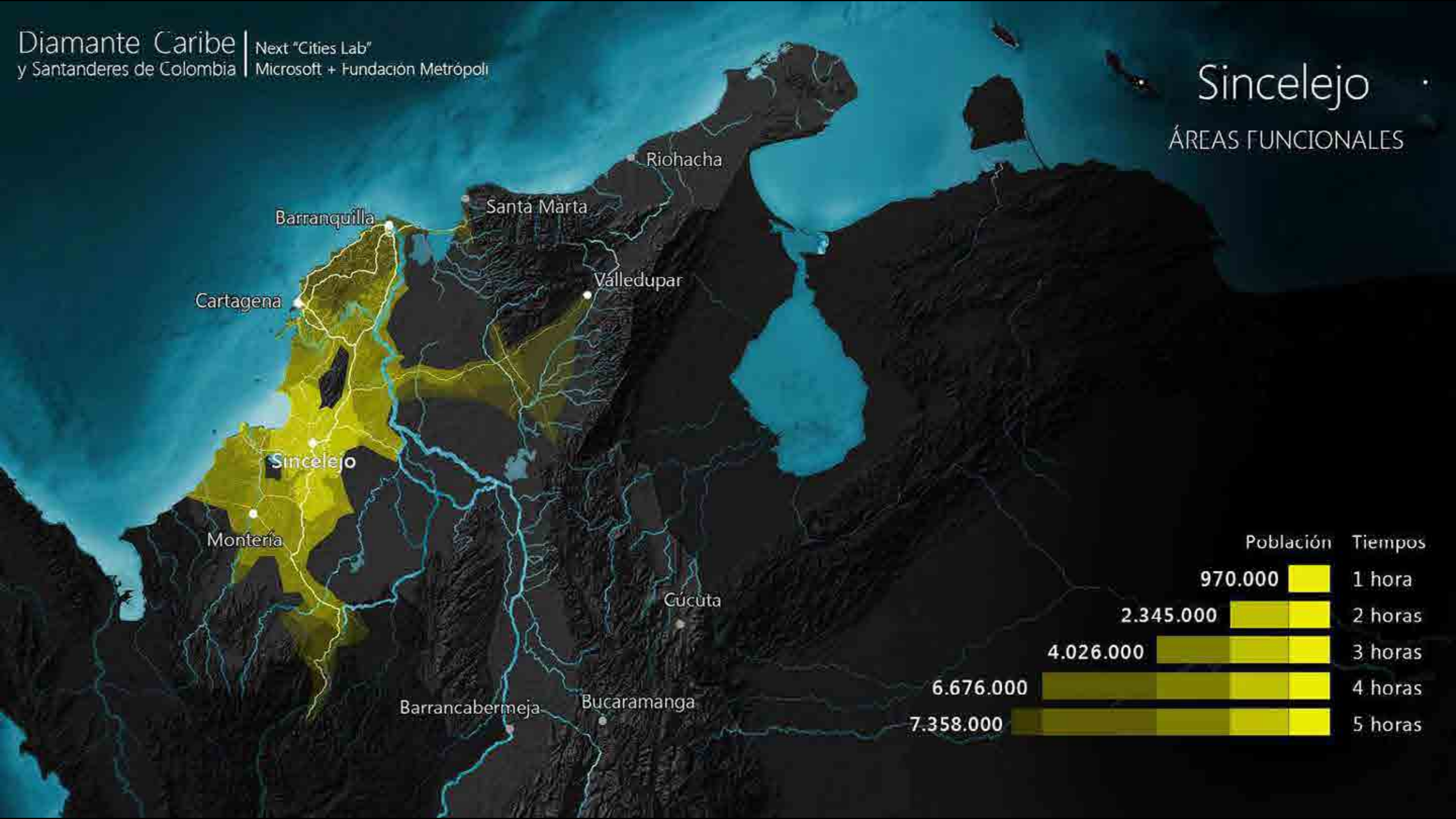


Riohacha
Santa Marta
Barranquilla
Cartagena
Sincedejo
Valledupar
Cúcuta
Bucaramanga
Barrancabermeja



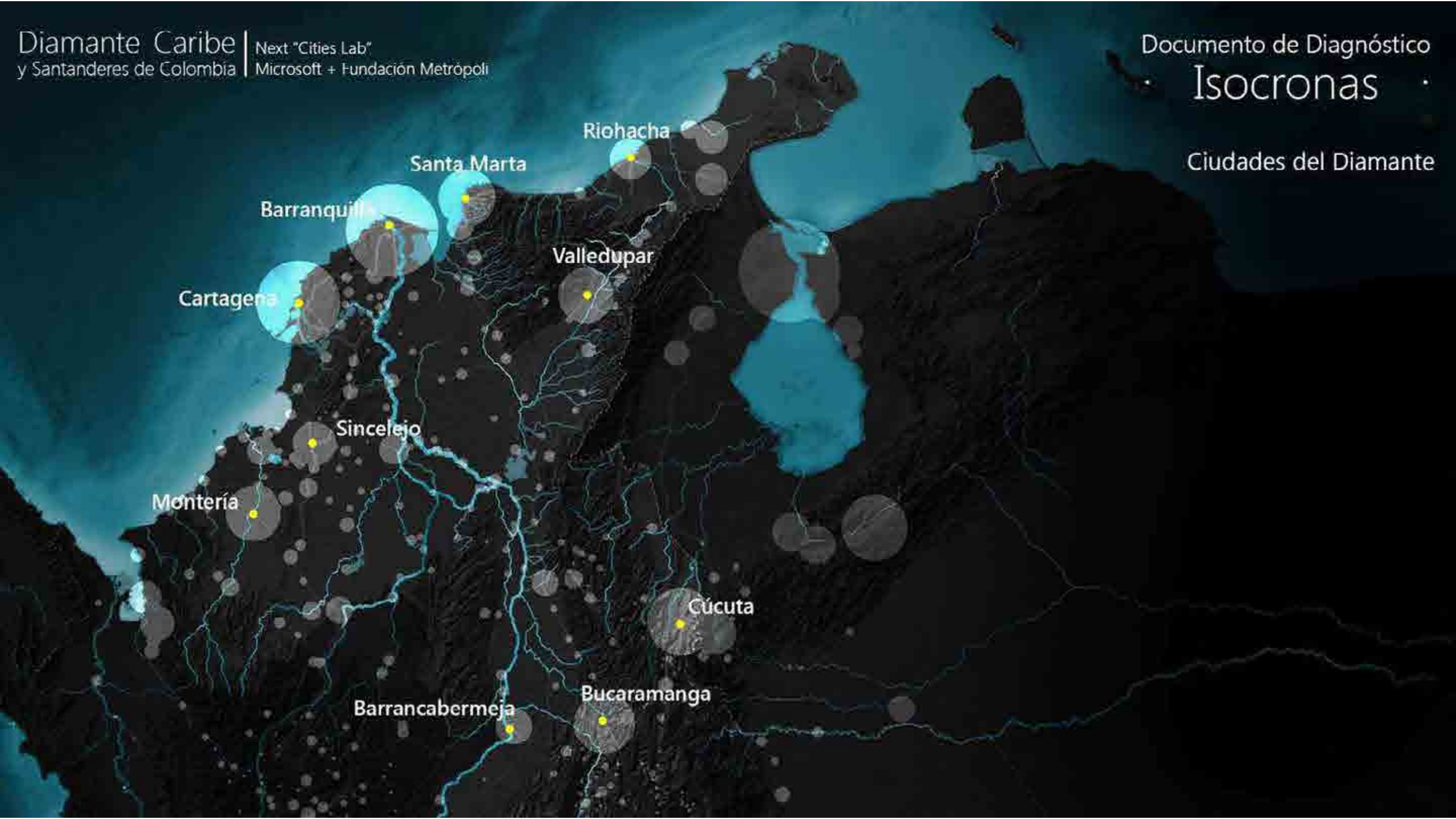
Sincelejo

ÁREAS FUNCIONALES



Población	Tiempos
970.000	1 hora
2.345.000	2 horas
4.026.000	3 horas
6.676.000	4 horas
7.358.000	5 horas

Ciudades del Diamante





Barranquilla-Cartagena

Diamante Caribe
y Santanderes de Colombia

Next "Cities Lab"
Microsoft - Fundación Metrópoli





300 km

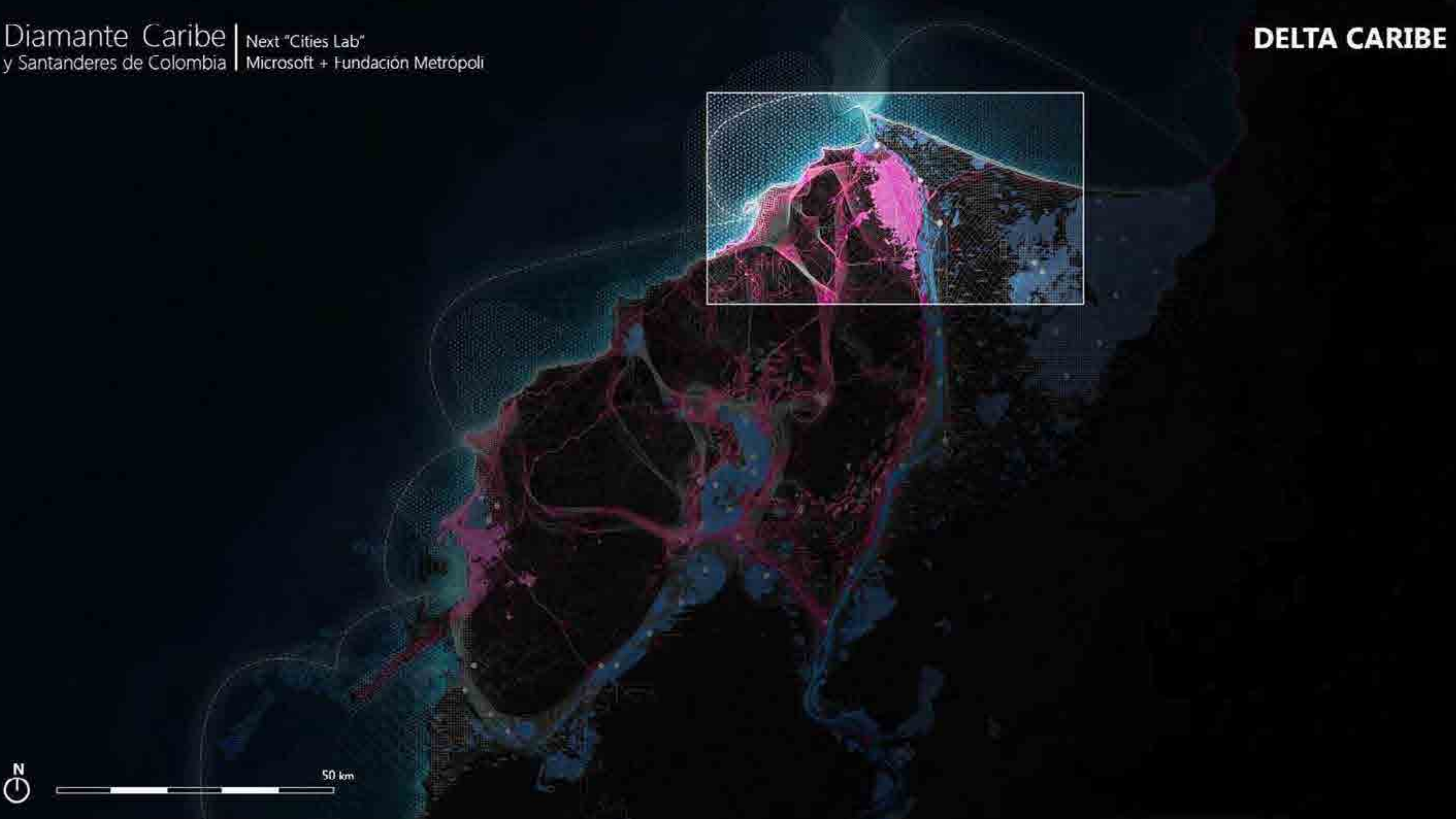


Diamante Caribe | Next "Cities Lab"
y Santanderes de Colombia | Microsoft + Fundación Metrópoli

DELTA CARIBE
EL DELTA







50 km



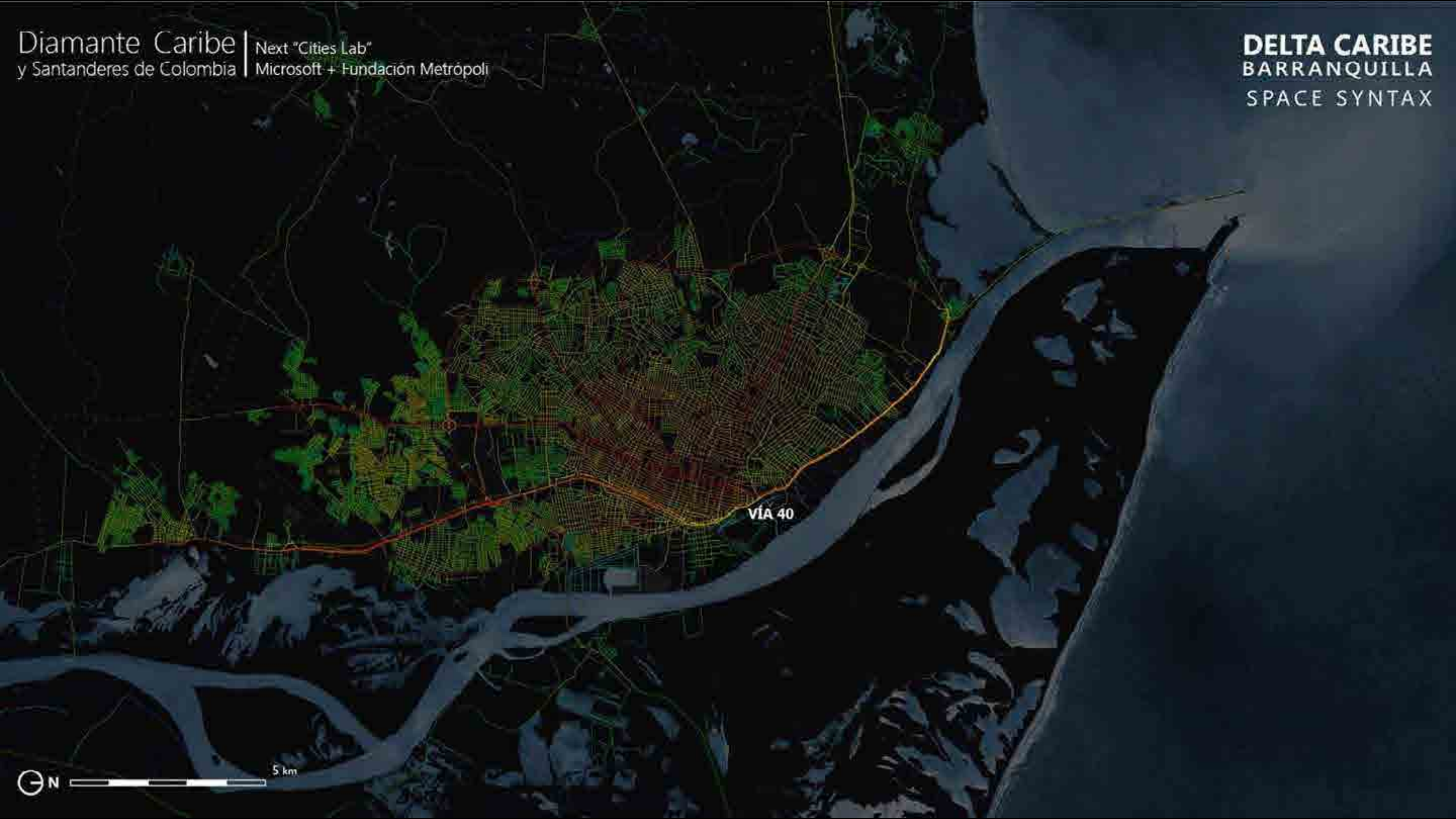
10 km

Diamante Caribe | Next Cities Lab
y Santanderes de Colombia | Microsoft + Fundación Metrópoli

DELTA CARIBE
BARRANQUILLA
FOTO AÉREA





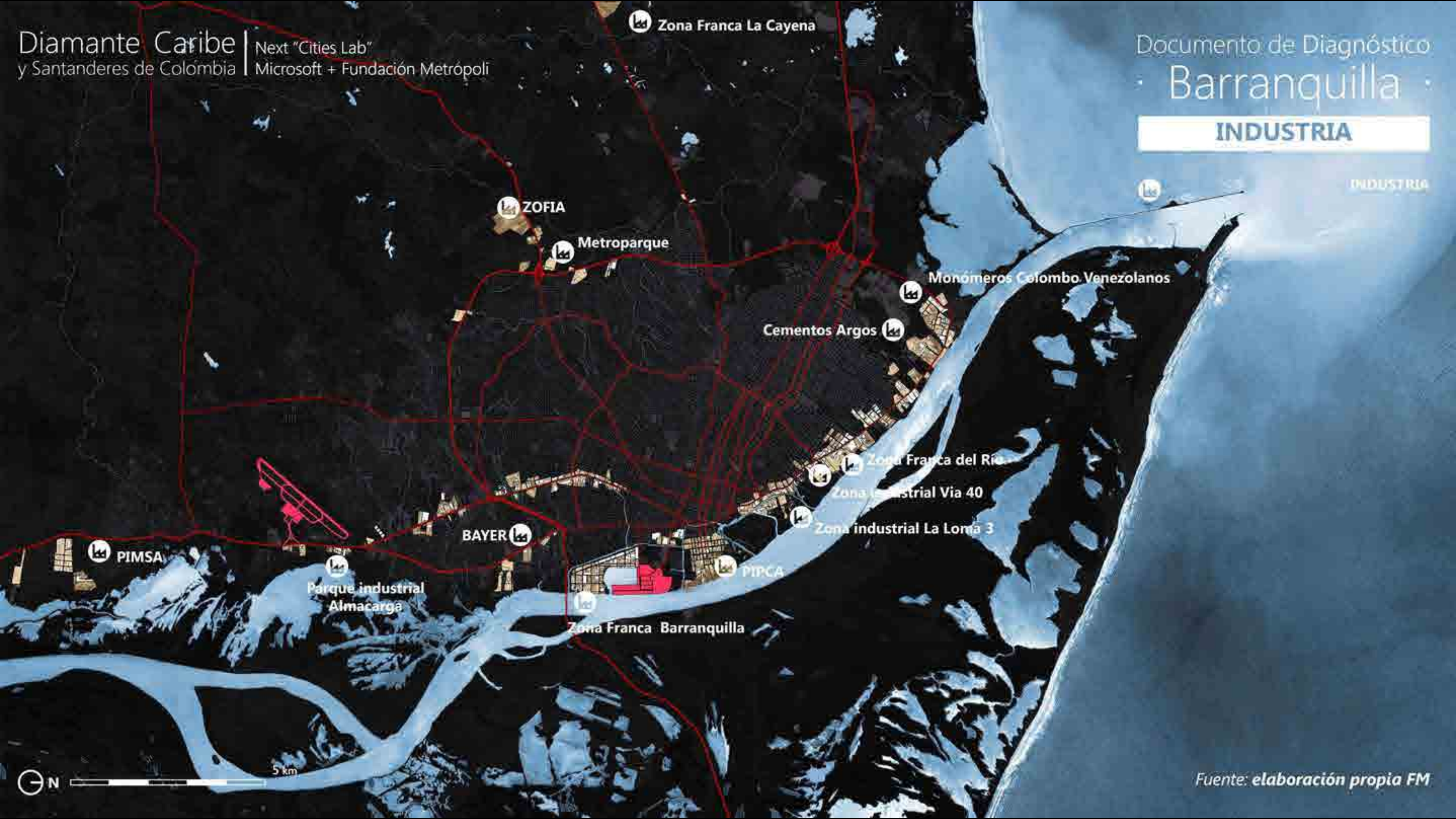


VIA 40

5 km



INDUSTRIA



INDUSTRIA

Diamante Caribe
y Santanderes de Colombia

Next "Cities Lab"
Microsoft + Fundación Metrópoli

DELTA CARIBE
BARRANQUILLA
ECOBULEVAR 40



ECOBULEVAR 40

CH

RM

IS

5 km





Diamante Caribe | Next "Cities Lab"
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DELTA CARIBE
BARRANQUILLA
ISLA DE SALAMANCA



ECOBULEVAR 40

ISLA DE SALAMANCA

5 km



ARCO LOGÍSTICO INDUSTRIAL

PUERTO EXTERIOR

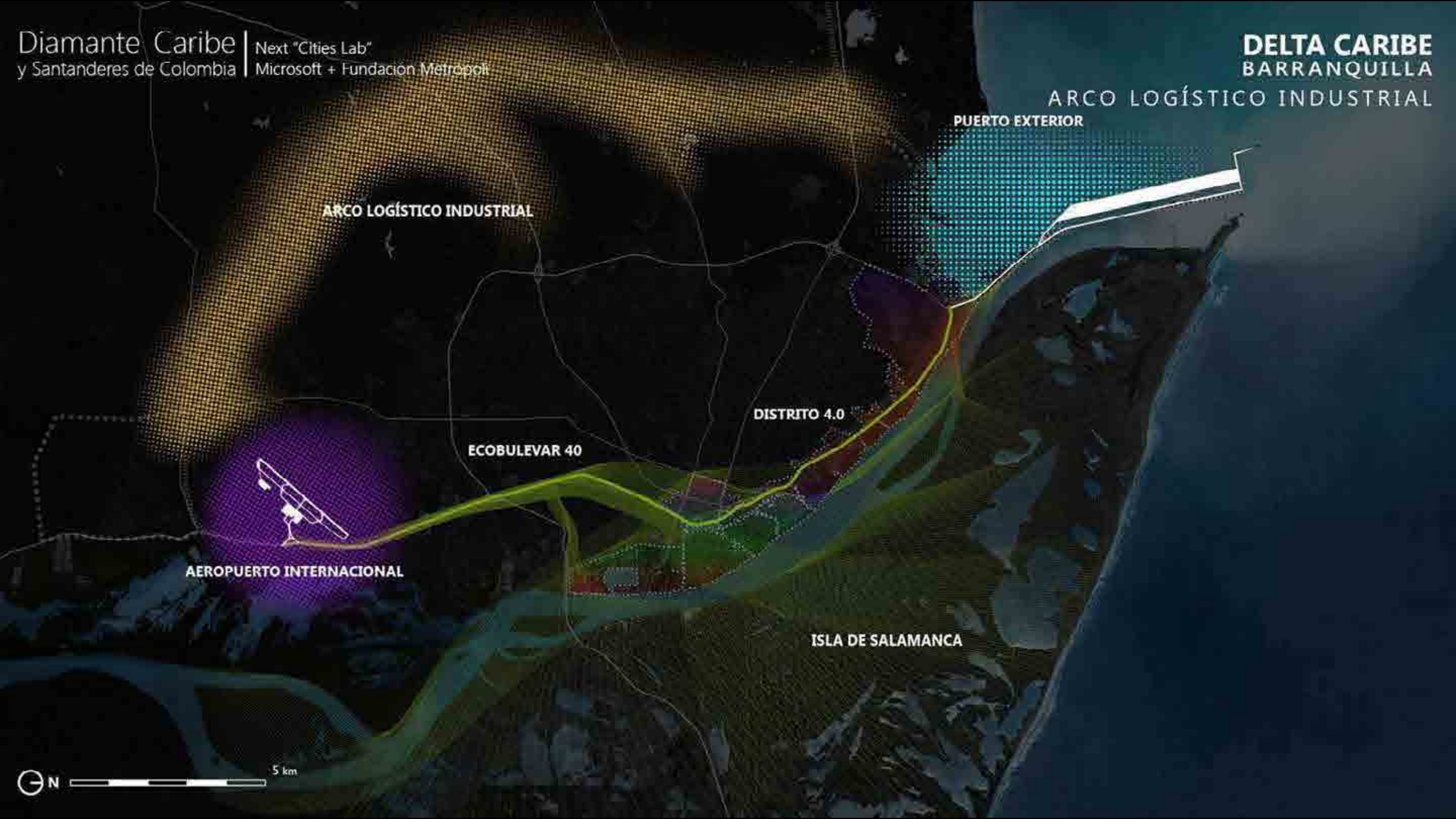
ARCO LOGÍSTICO INDUSTRIAL

DISTRITO 4.0

ECOBULEVAR 40

AEROPUERTO INTERNACIONAL

ISLA DE SALAMANCA



DISTRITO 4.0

CONEXIÓN FERROVIARIA

CONEXIÓN FERROVIARIA AL SUPERPUERTO

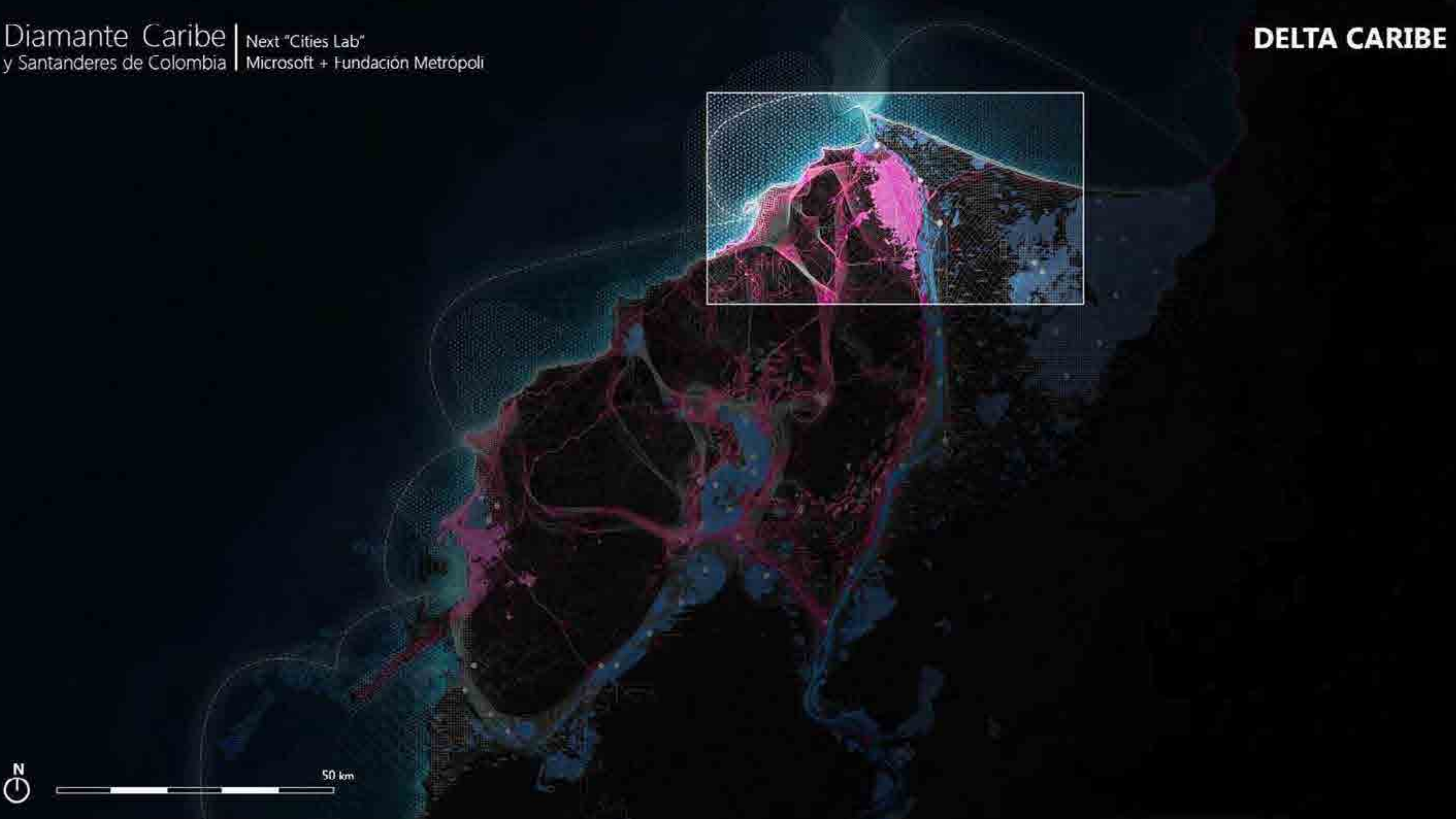
SUPERPUERTO

Plataforma Logística
Superpuerto

Estación Aeropuerto

5 km





50 km



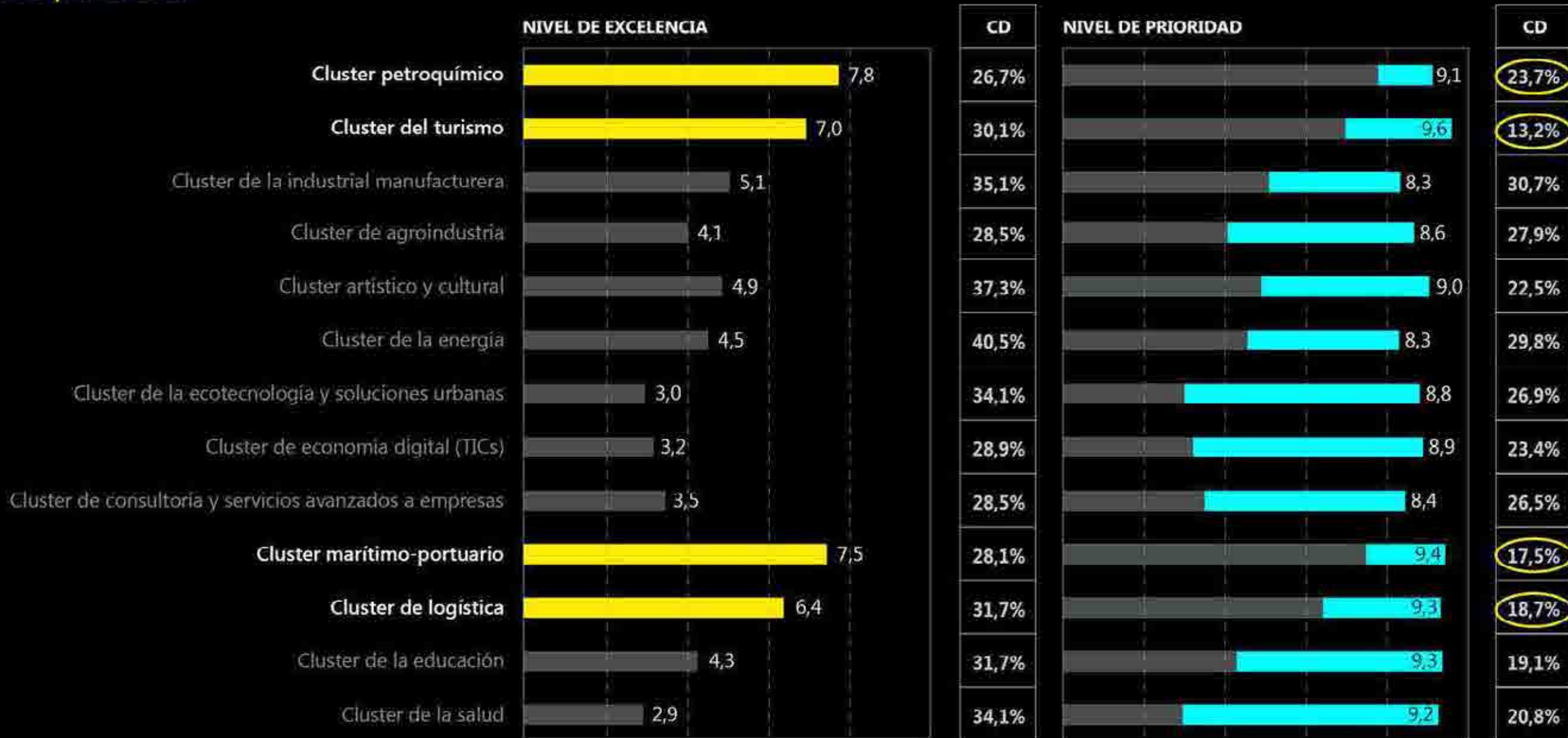
Diamante Caribe | Next "Cities Lab"
y Santanderes de Colombia | Microsoft + Fundación Metrópoli

DELTA CARIBE
CARTAGENA
FOTO AÉREA



2. Sociedad, Economía y Gobierno del Territorio

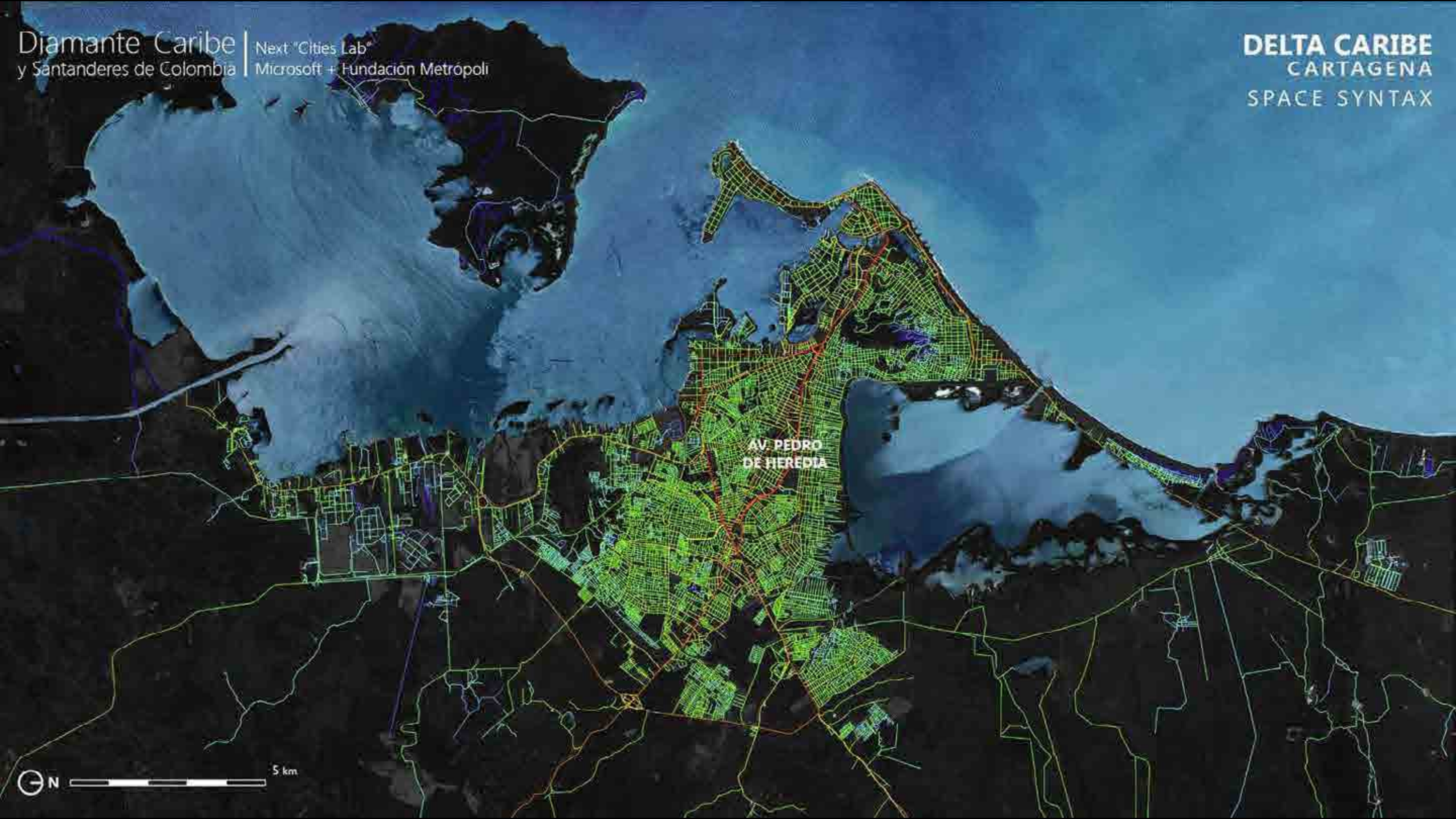
2.2. Clusters productivos



Diamante Caribe
y Santanderes de Colombia

Next Cities Lab®
Microsoft + Fundación Metrópoli

DELTA CARIBE
CARTAGENA
SPACE SYNTAX

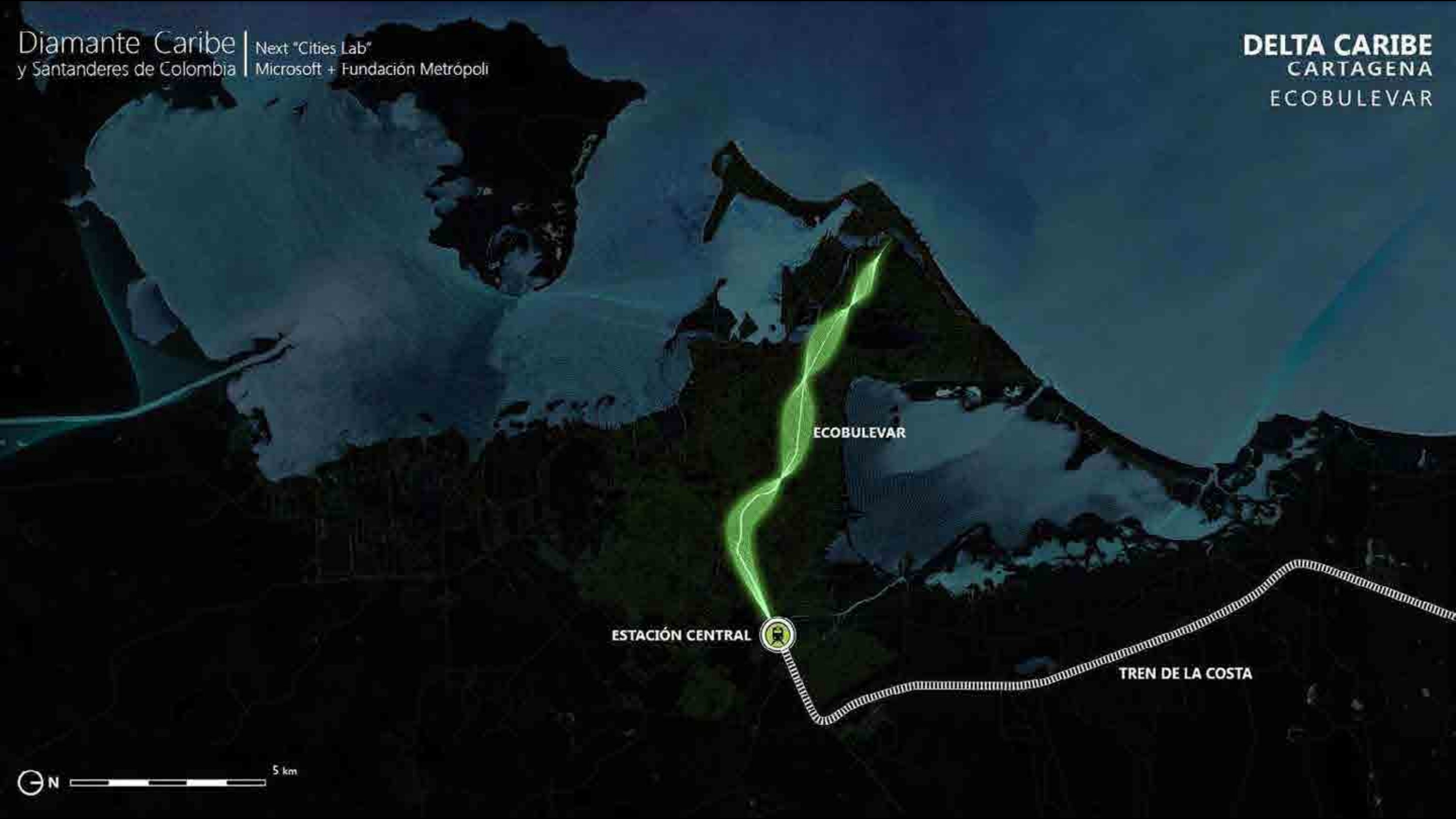


TREN DE LA COSTA Y ESTACIÓN CENTRAL



ESTACIÓN CENTRAL





ESTACIÓN CENTRAL

ECOBULEVAR

TREN DE LA COSTA

Diamante Caribe
y Santanderes de Colombia

Next "Cities Lab"
Microsoft + Fundación Metrópoli

DELTA CARIBE
CARTAGENA
BAHÍA DIGITAL

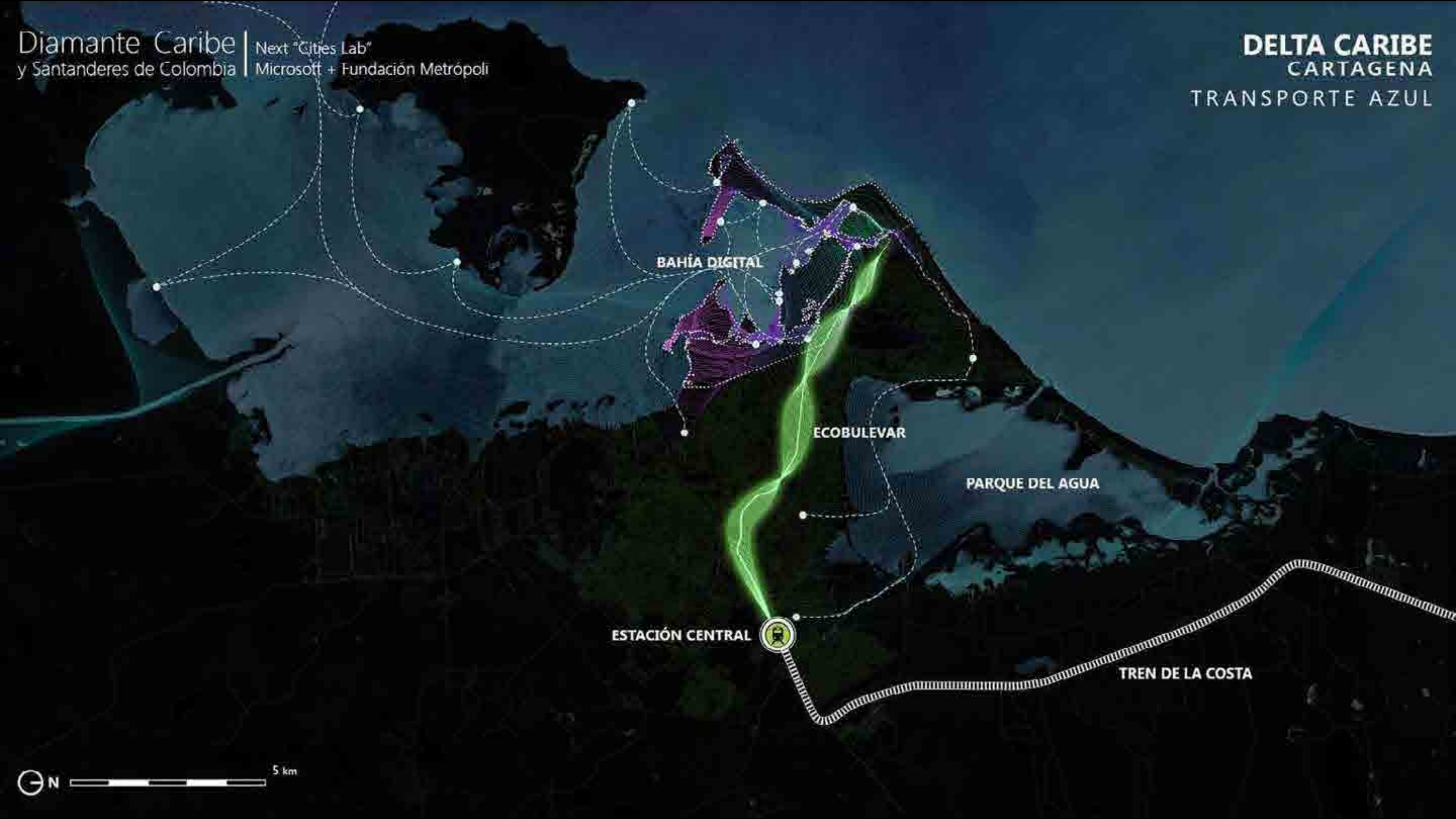
BAHÍA DIGITAL

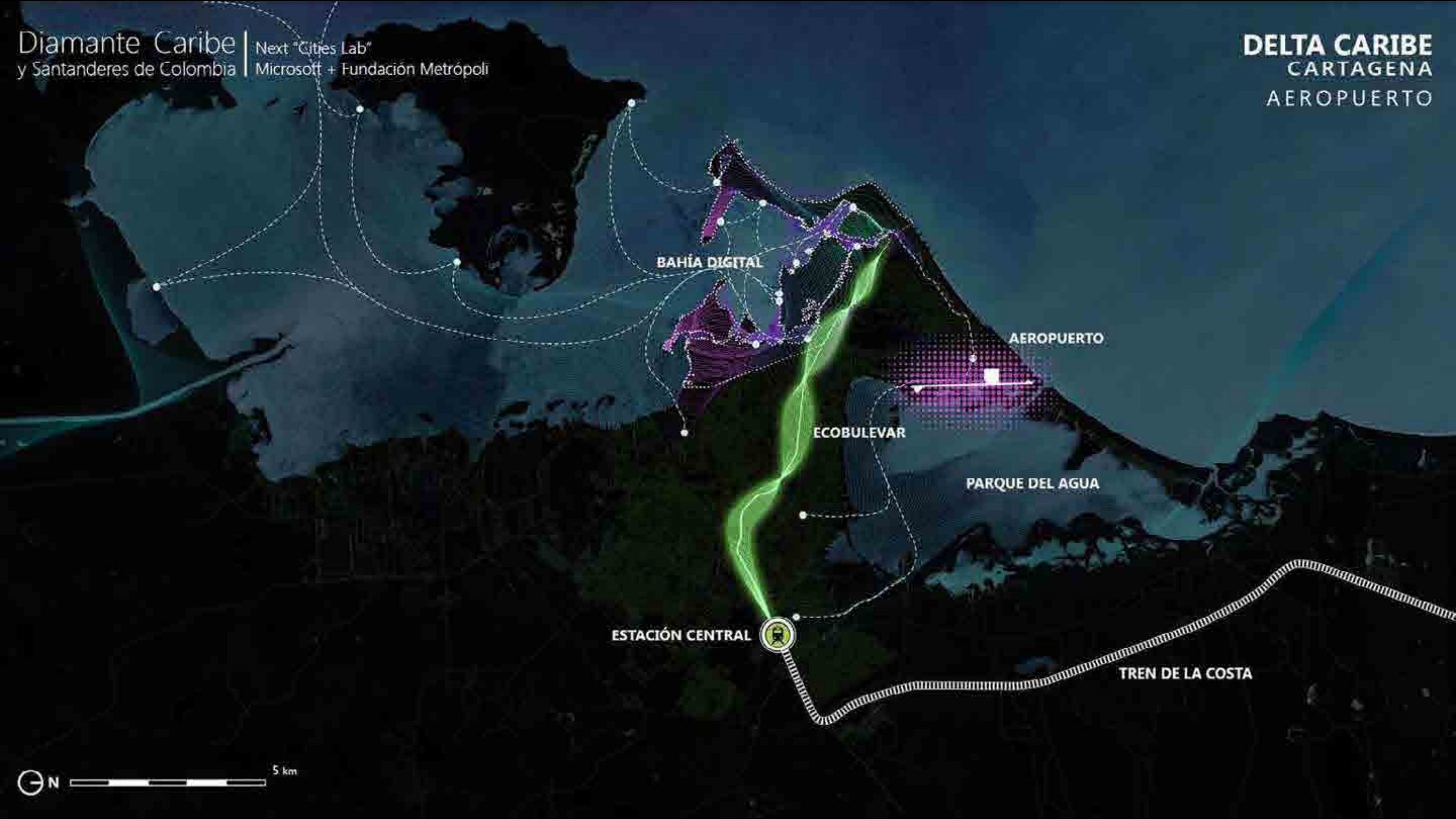
ECOBULEVAR

ESTACIÓN CENTRAL

TREN DE LA COSTA







BAHÍA DIGITAL

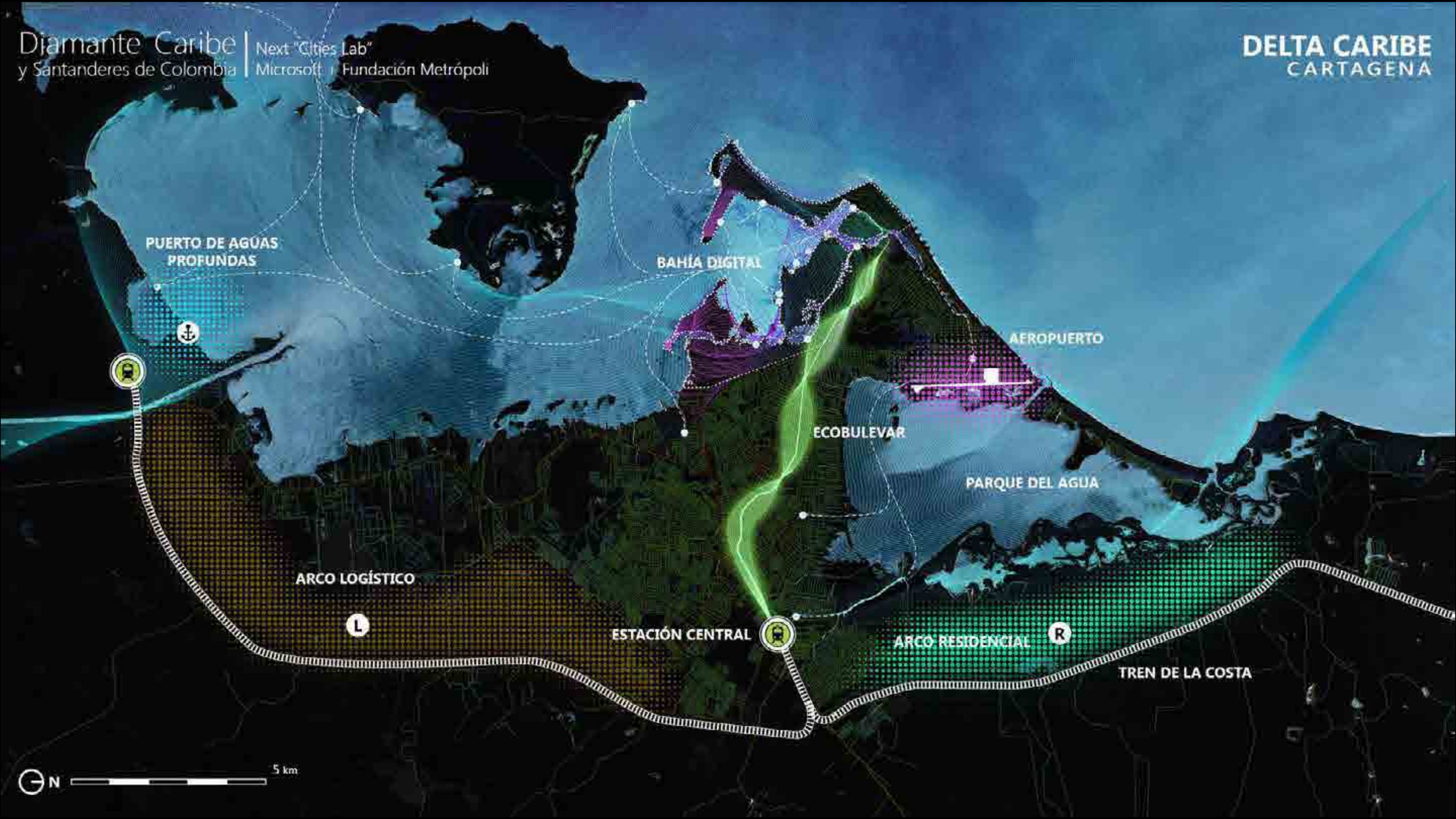
AEROPUERTO

ECOBULEVAR

PARQUE DEL AGUA

ESTACIÓN CENTRAL

TREN DE LA COSTA



PUERTO DE AGUAS PROFUNDAS

BAHÍA DIGITAL

AEROPUERTO

ECOBULEVAR

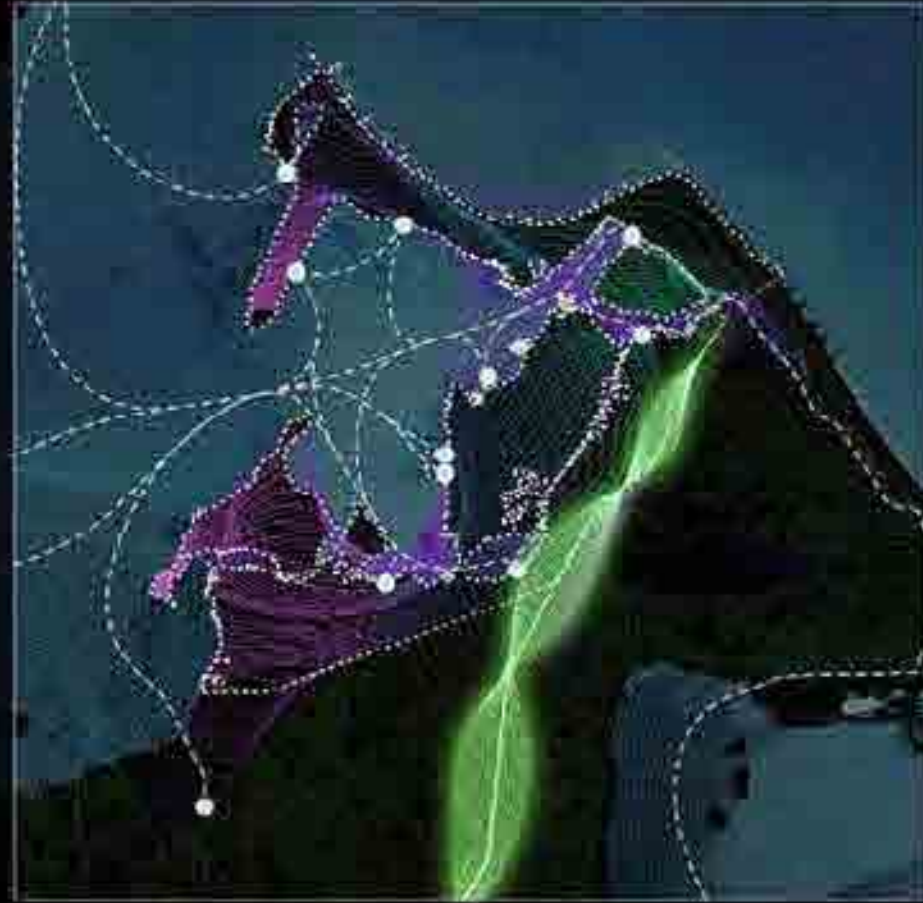
PARQUE DEL AGUA

ARCO LOGÍSTICO

ESTACIÓN CENTRAL

ARCO RESIDENCIAL

TREN DE LA COSTA





SPACE SYNTAX
CONECTIVIDAD LOCAL



SPACE SYNTAX
CONECTIVIDAD GLOBAL

BOCAGRANDE



CENTRO HISTÓRICO



MANGA



BAZURTO



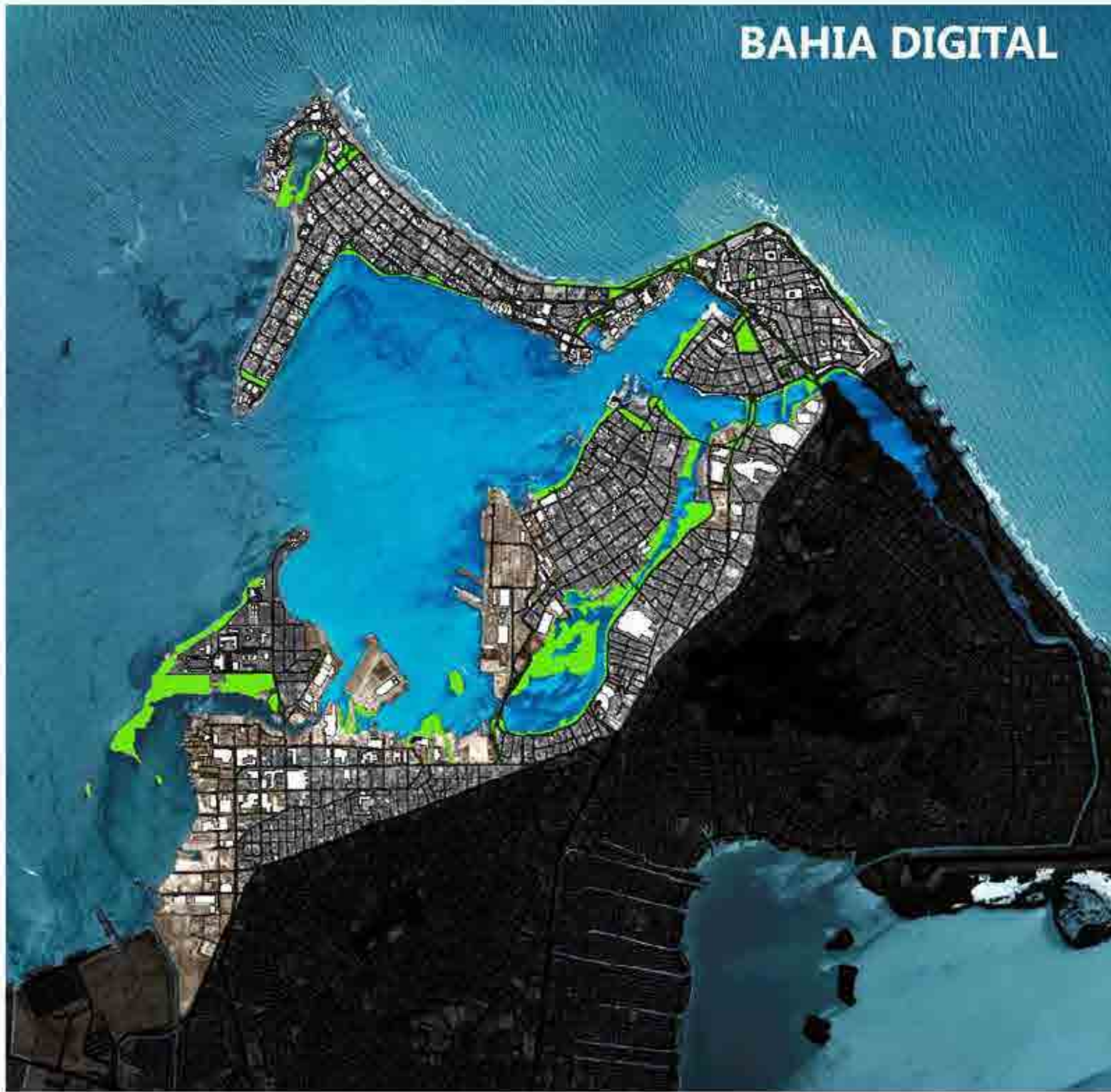
MANZANILLO



EL BOSQUE

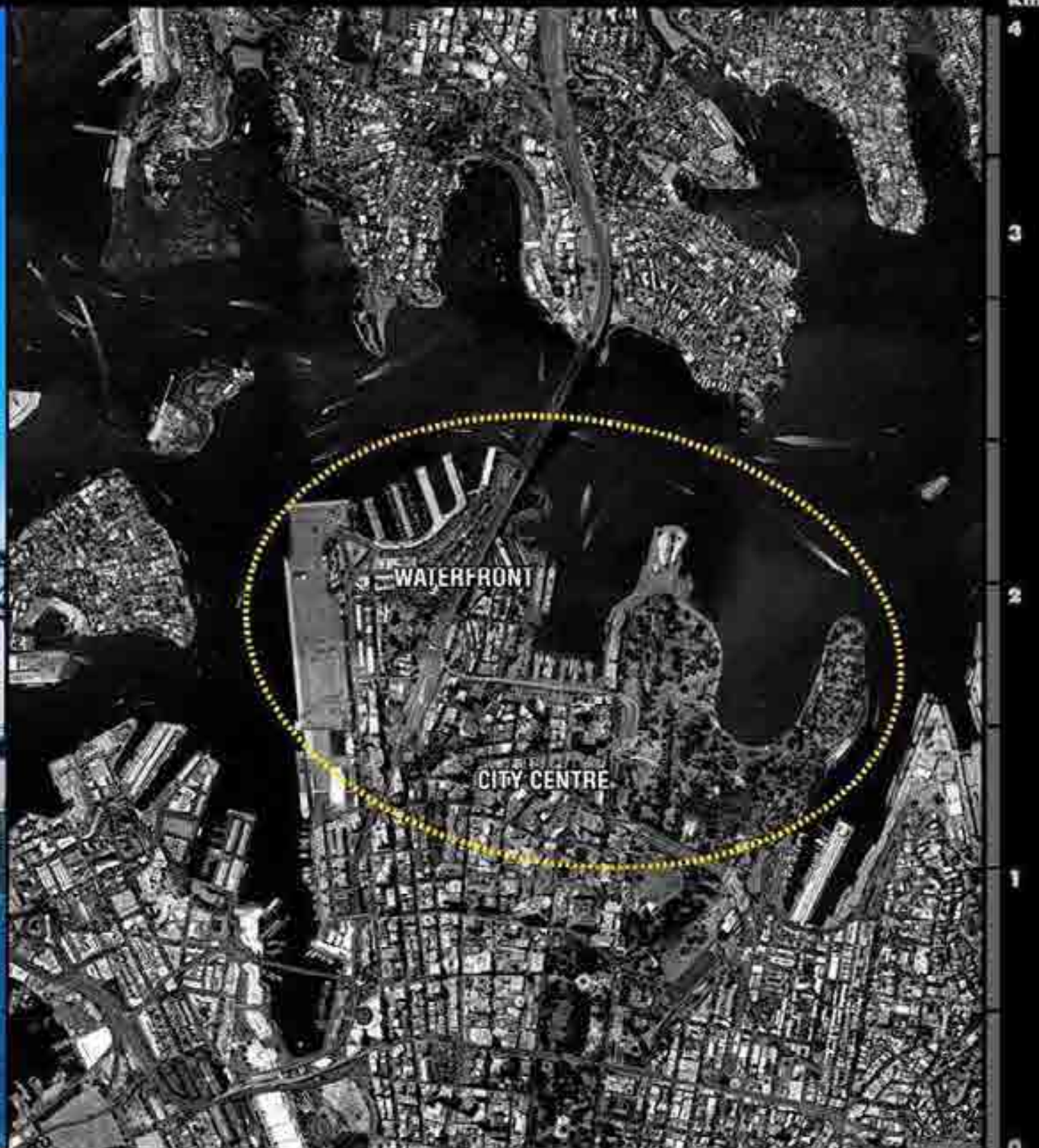


BAHIA DIGITAL



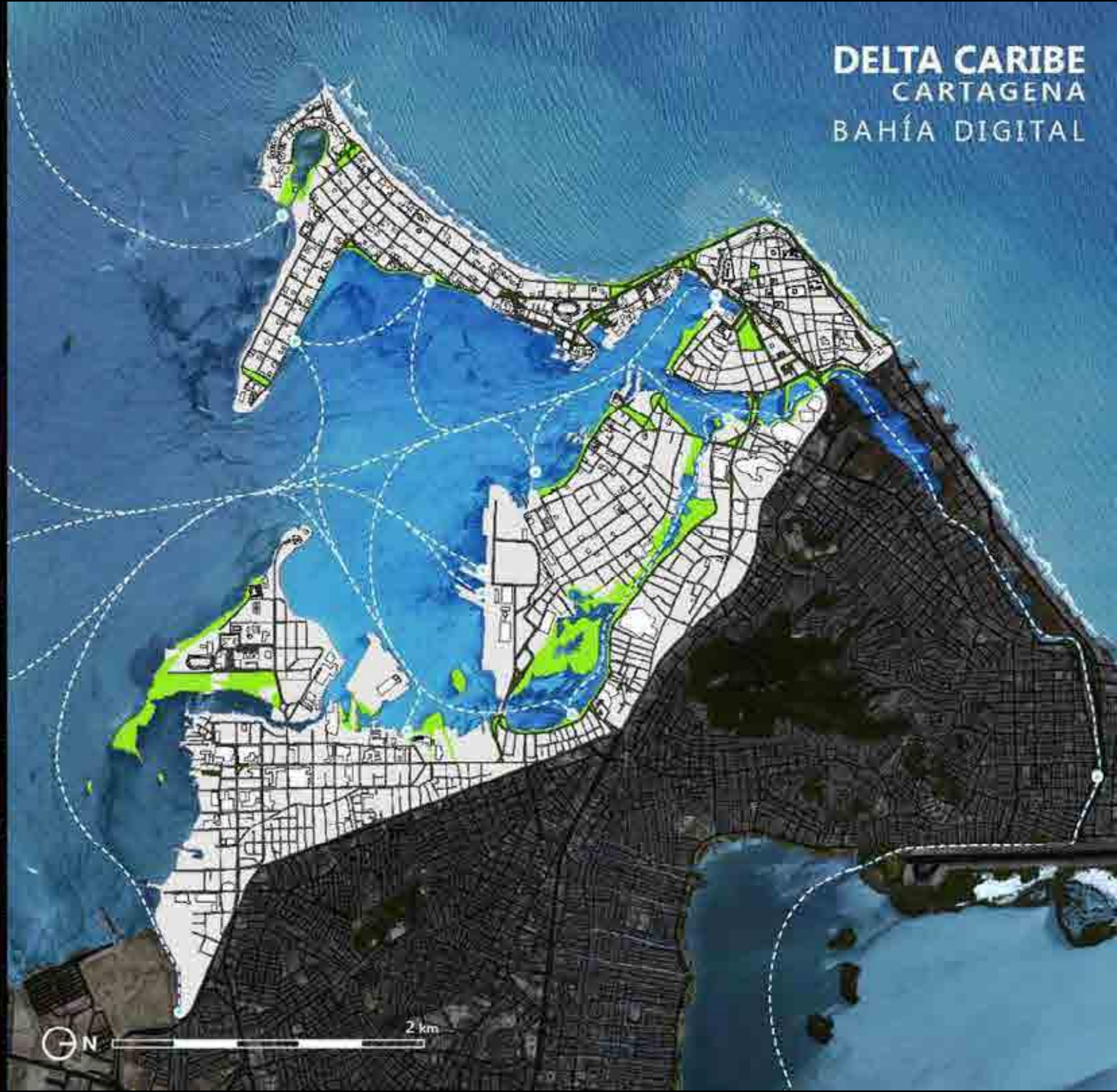
Coruña Futura: Puerto Urbano

Analogías





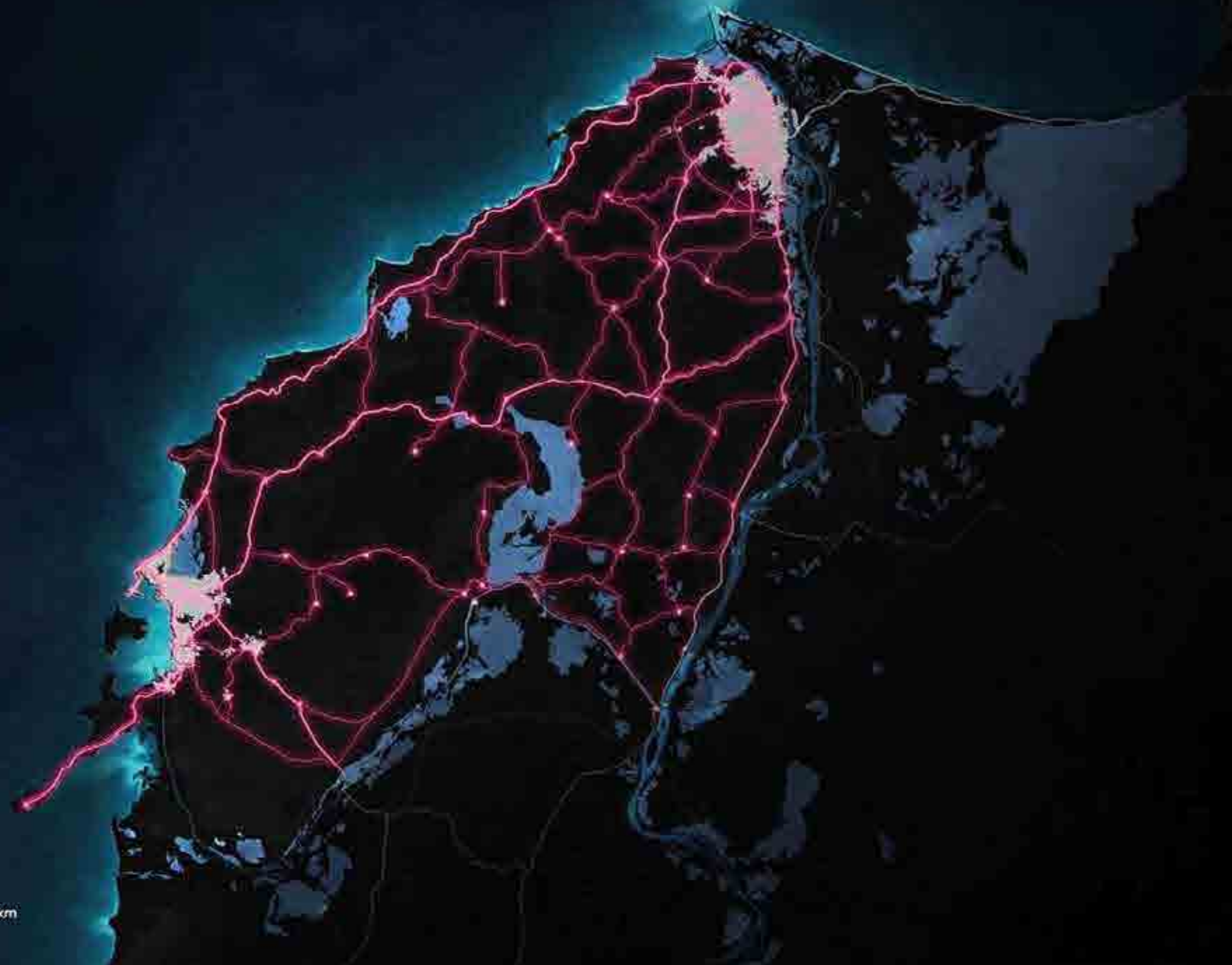
DELTA CARIBE
CARTAGENA
BAHÍA DIGITAL

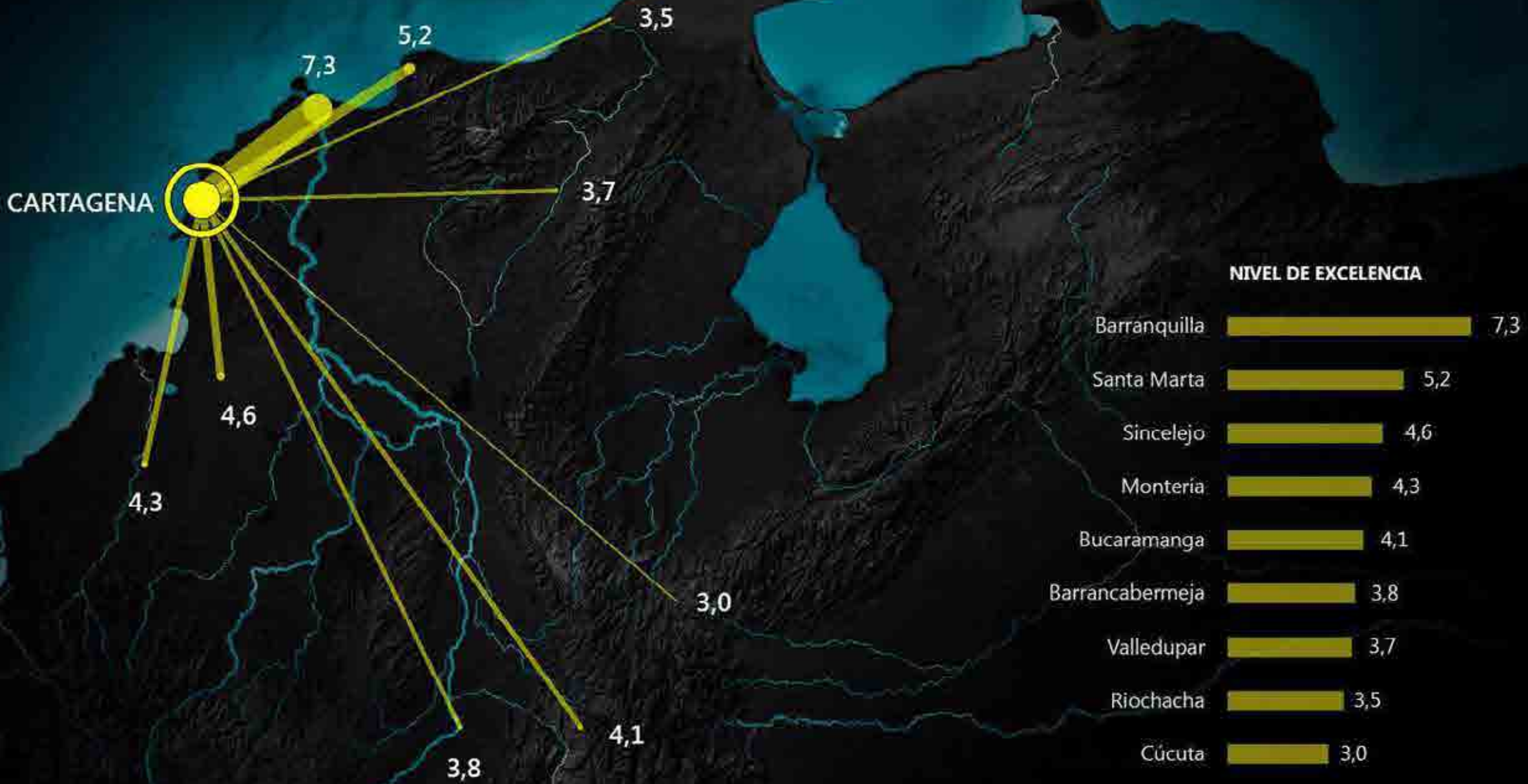


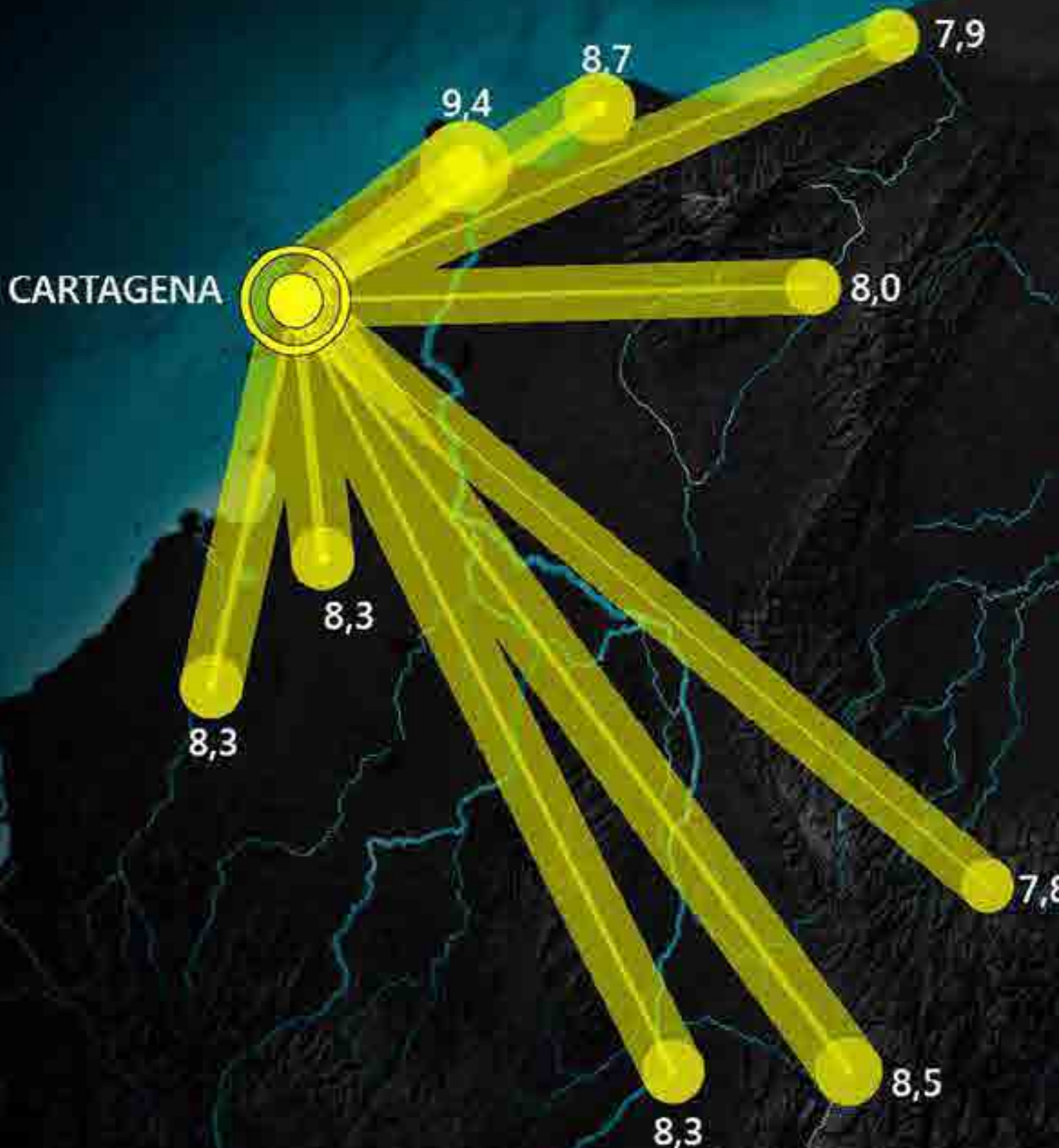
Diamante Caribe | Next "Cities Lab"
y Santanderes de Colombia | Microsoft + Fundación Metropoli

DELTA CARIBE
CARTAGENA
BAHÍA DIGITAL



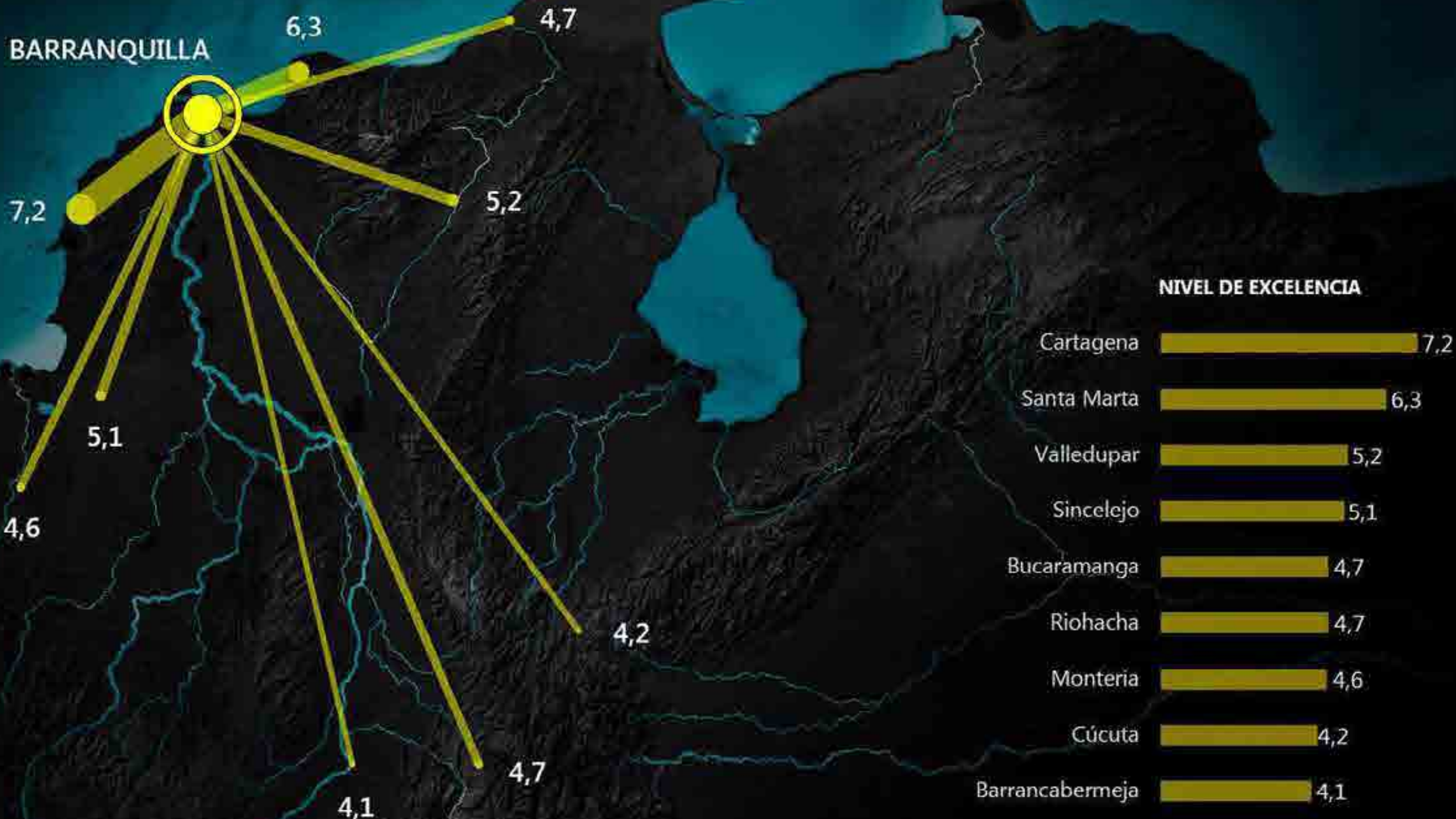


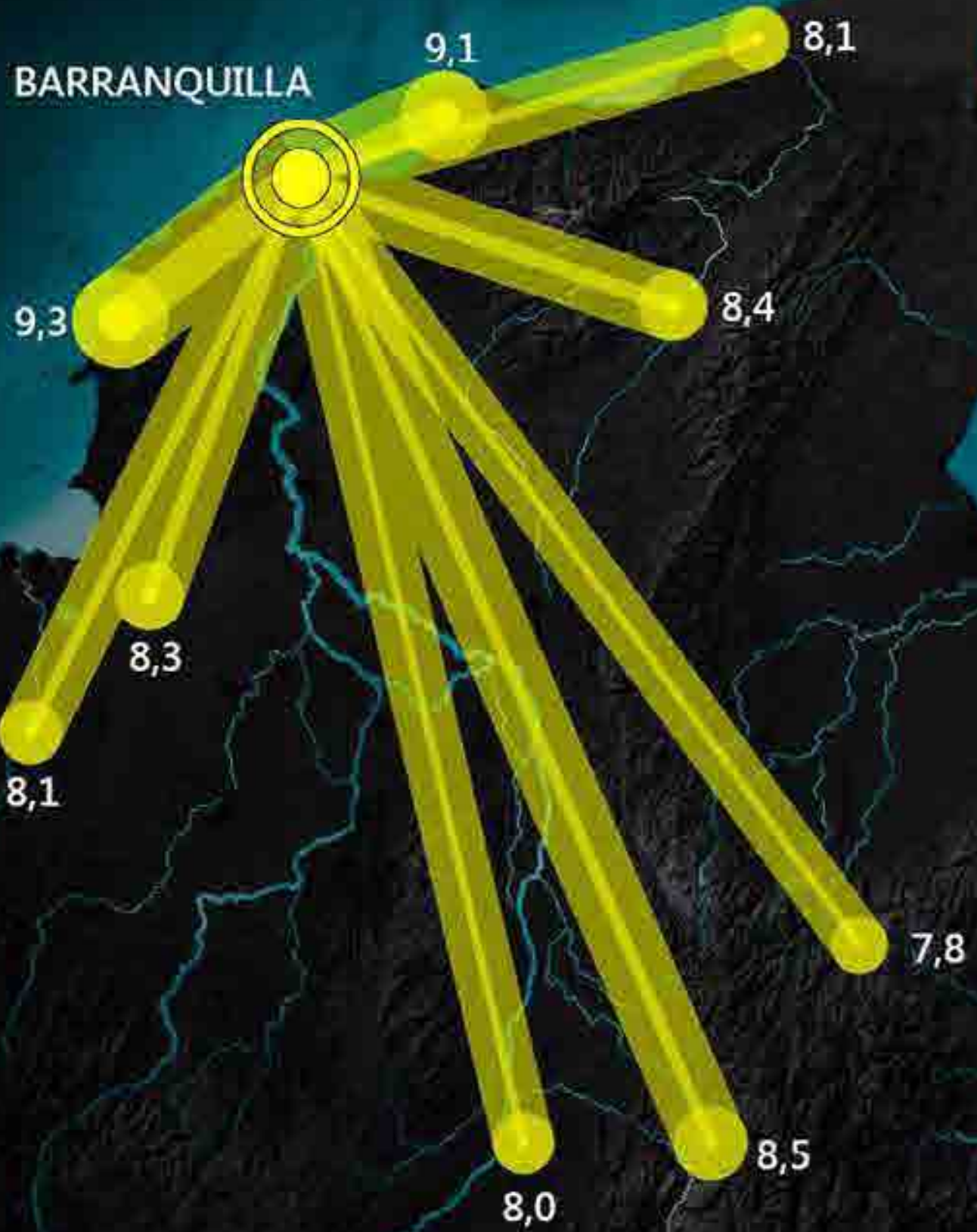




NIVEL DE PRIORIDAD

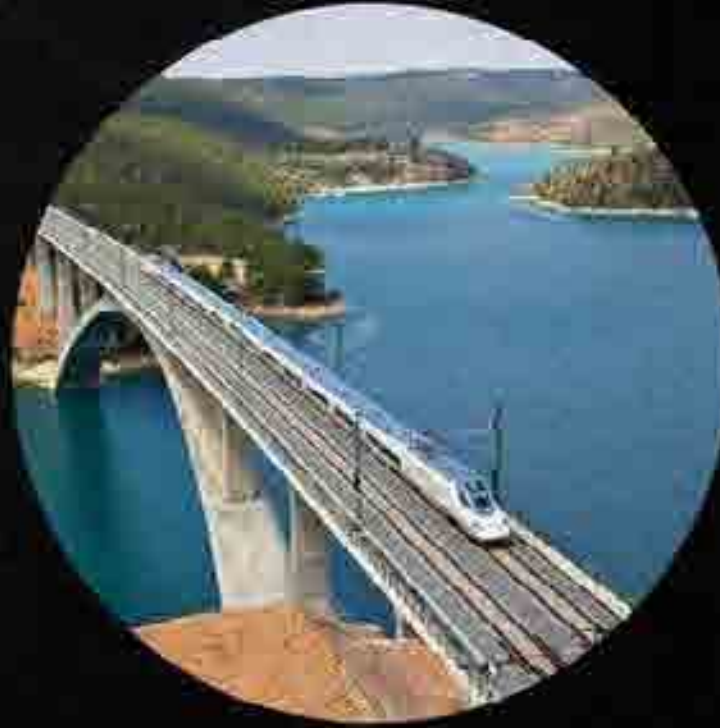
Barranquilla	9,4
Santa Marta	8,7
Bucaramanga	8,5
Barrancabermeja	8,3
Montería	8,3
Sincelejo	8,3
Valledupar	8,0
Riochacha	7,9
Cúcuta	7,8





NIVEL DE PRIORIDAD

Cartagena	9,3
Santa Marta	9,1
Bucaramanga	8,5
Valledupar	8,4
Sincelejo	8,3
Riohacha	8,1
Montería	8,1
Barrancabermeja	8,0
Cúcuta	7,8









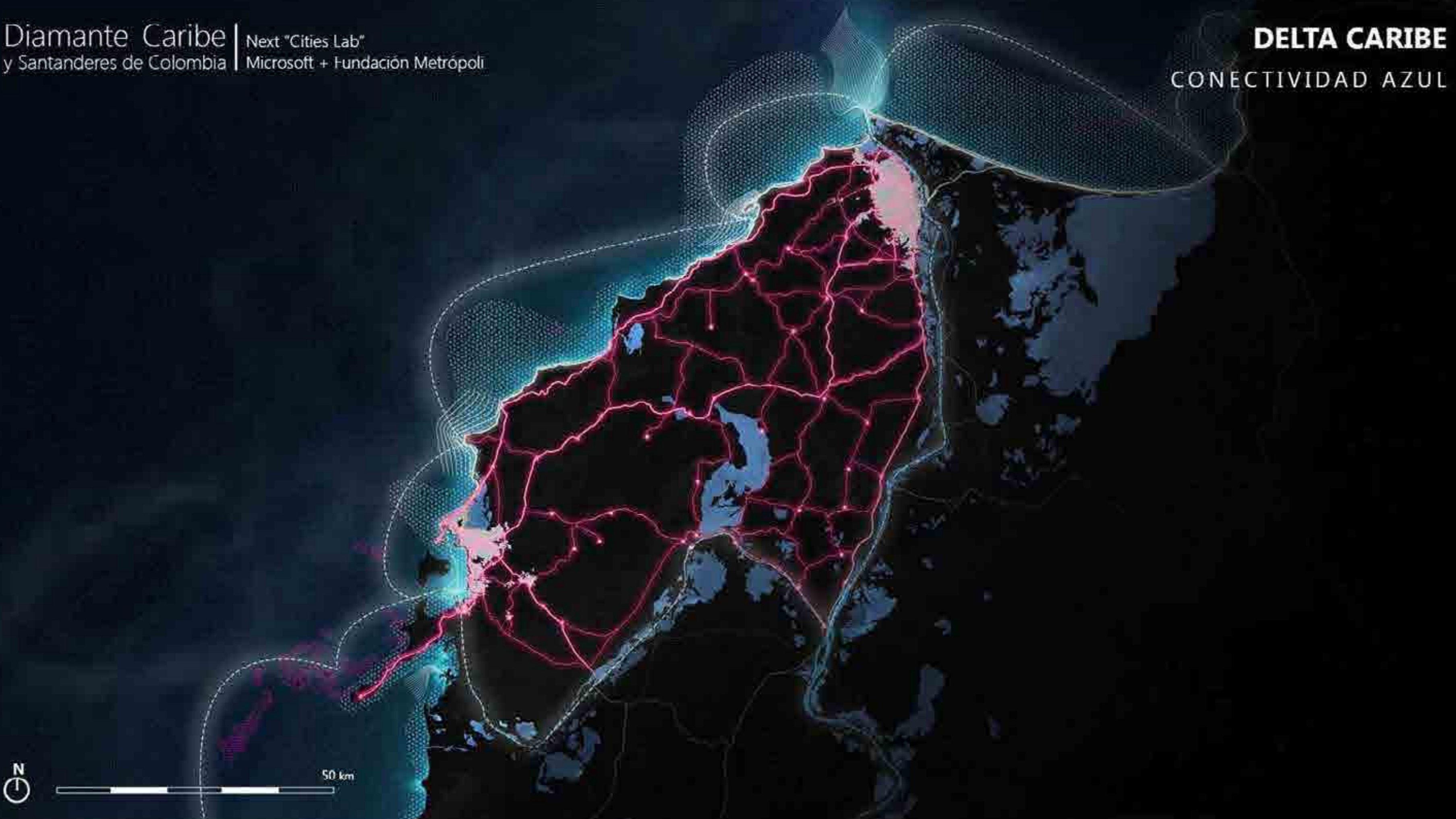






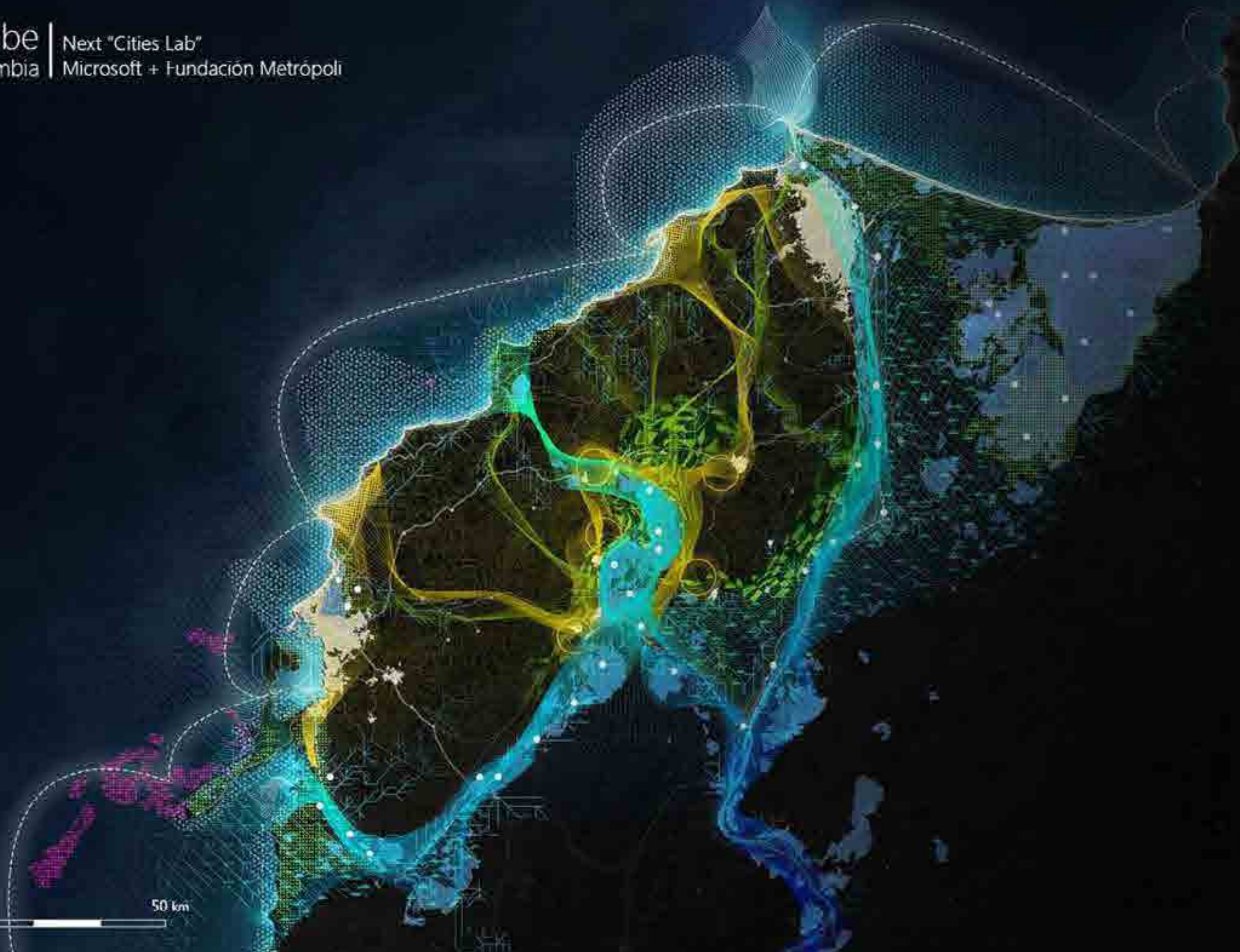






50 km





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DELTA CARIBE

EL DELTA / CASABLANCA-RABAT



50 km

Diamante Caribe
y Santanderes de Colombia

Next "Cities Lab"
Microsoft + Fundación Metrópoli

DELTA CARIBE

MIAMI. ÁREA METROPOLITANA



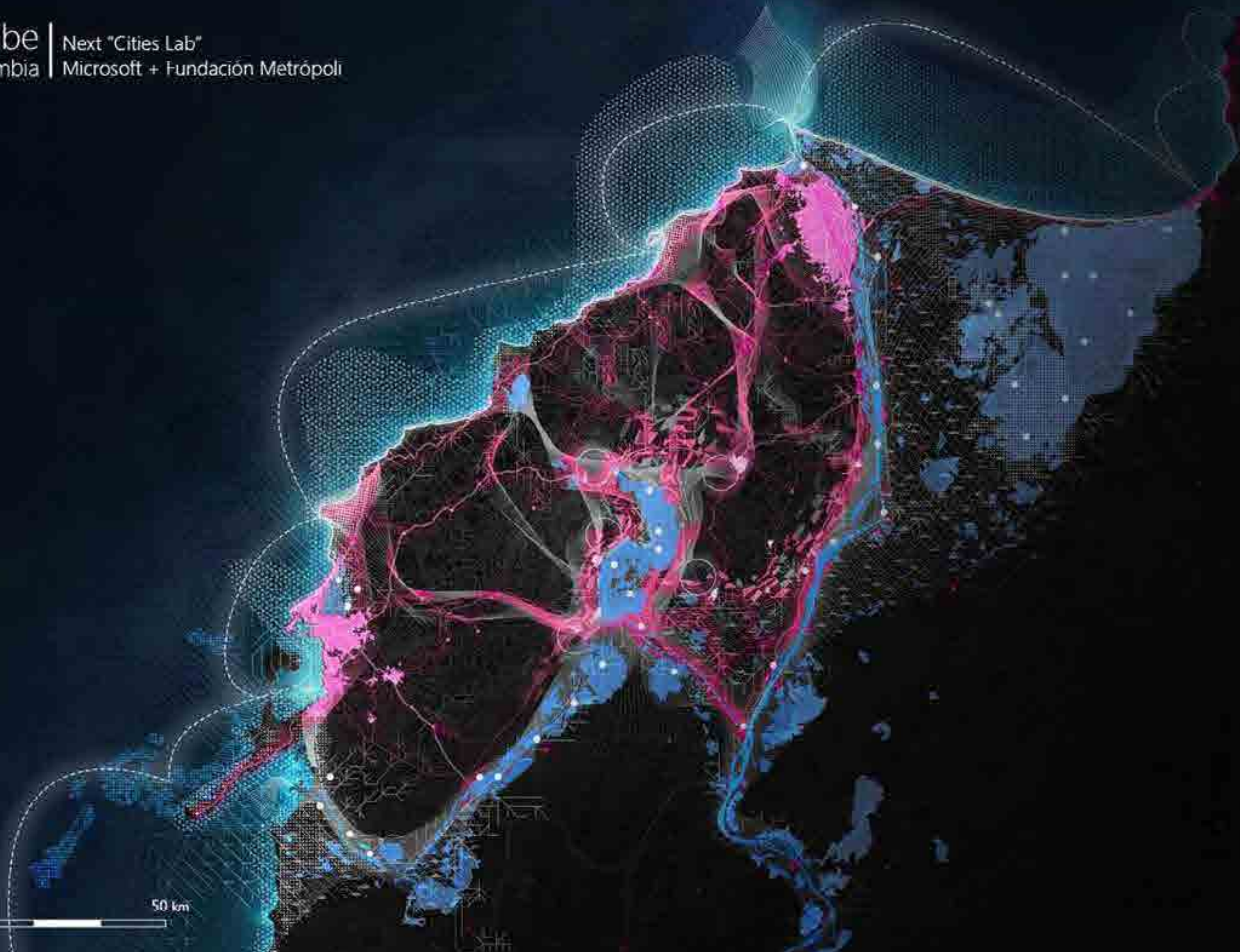
Diamante Caribe | Next "Cities Lab"
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DELTA CARIBE

EL DELTA / CASABLANCA-RABAT



50 km





Bucaramanga-Barrancabermeja

Diamante Caribe
y Santanderes de Colombia

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Microsoft - Fundación Metrópoli

Diamante Caribe | Next "Cities Lab"
y Santanderes de Colombia | Microsoft + Fundación Metrópoli

BB Next

BARRANCA PLUS

CIÉNAGA MIRAMAR Y BARRANCABERMEJA 2013



CIÉNAGA MIRAMAR



Diamante Caribe | Next "Cities Lab"
y Santanderes de Colombia | Microsoft + Fundación Metrópoli

BB Next

BARRANCA PLUS

EL MAGDALENA Y EL PUERTO LOGÍSTICO MULTIMODAL

CAÑO EL ROSARIO



Diamante Caribe | Next "Cities Lab"
y Santanderes de Colombia | Microsoft + Fundación Metrópoli

BB Next

BARRANCA PLUS

LA CIÉNAGA SAN SILVESTRE



CIÉNAGA SAN SILVESTRE

⊕ N 3 km

Diamante Caribe | Next "Cities Lab"
y Santanderes de Colombia | Microsoft + Fundación Metrópoli

BB Next

BARRANCA PLUS

NUEVA PROPUESTA DE SISTEMA VIARIO

⊕ N 3 km



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y Santanderes de Colombia | Microsoft + Fundación Metrópoli

BB Next

BARRANCA PLUS
ECOCIUDAD DE SAN SILVESTRE





Diamante Caribe | [www.diamante.com.co](#)
Iniciativa de Barrancabermeja | Microsoft - Fundación Metrópoli

YOMPO

BB Next
DESARROLLO URBANO



YONDO

BB Next

INUNDABILIDAD EXISTENTE



Diamante Caribe | Next "Cities Lab"
y Santanderes de Colombia | Microsoft + Fundación Metrópoli

YONDO

BB Next

INUNDABILIDAD FUTURA

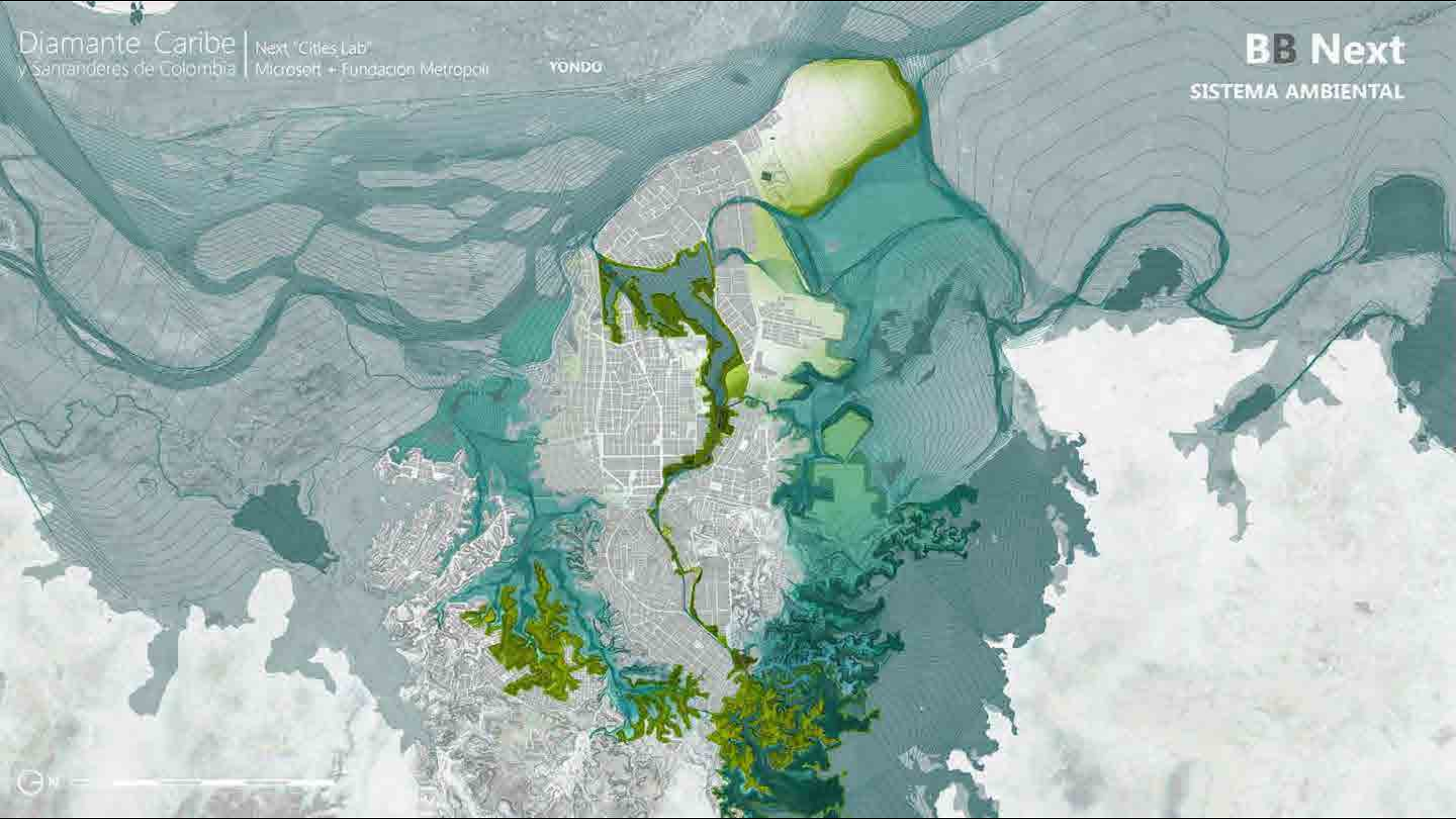


Diamante Caribe | Next "Cities Lab"
y Santanderes de Colombia | Microsoft + Fundación Metropoli

YONDO

BB Next

SISTEMA AMBIENTAL



YONDO





Diamante Caribe
y Santanderes de Colombia

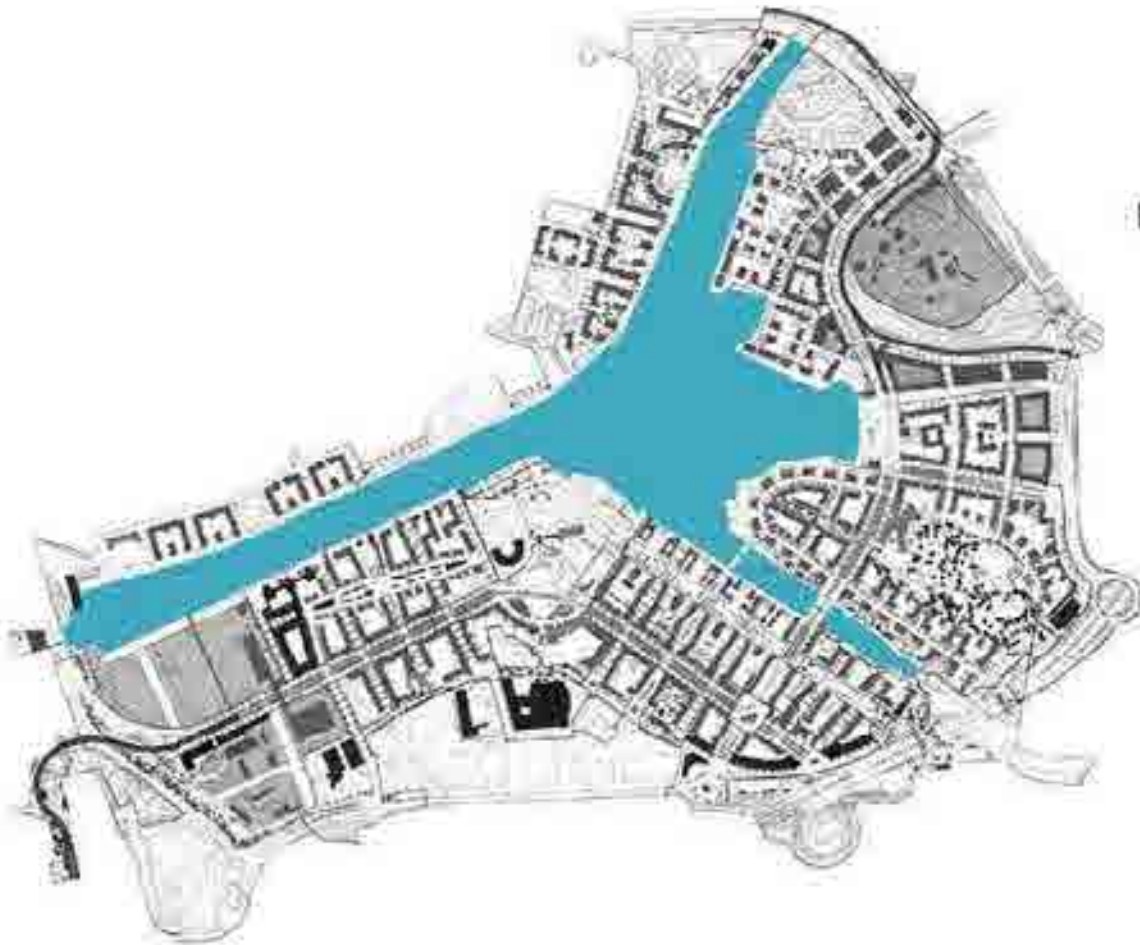
Next "Cities Lab"
Microsoft + Fundación Metrópoli

YONDO

B Next

CIUDAD DEL AGUA Y LA ENERGÍA





HAMMARBY



CIUDAD DEL AGUA Y LA ENERGÍA



BB Next

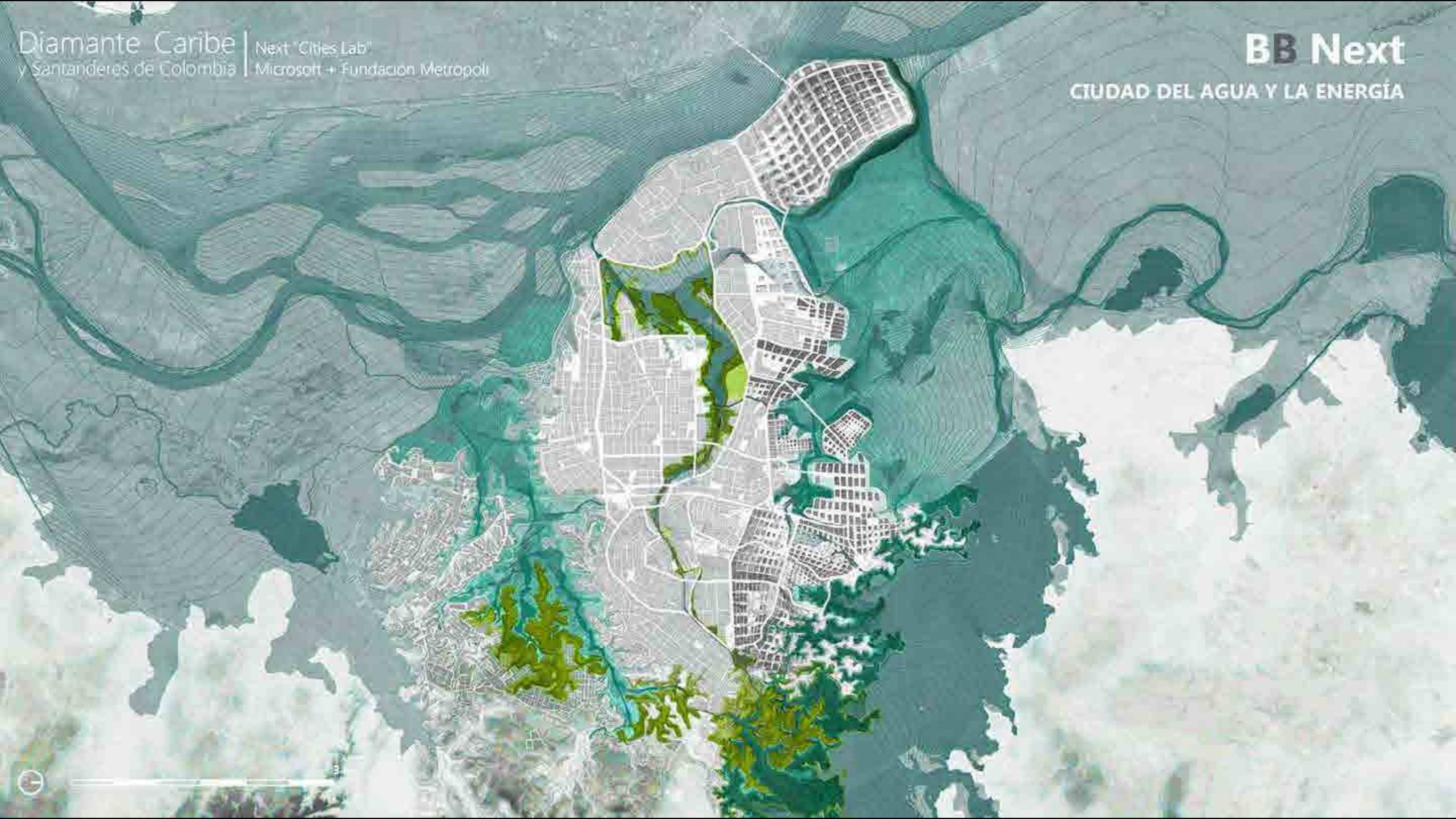
SISTEMA AMBIENTAL. PARQUE CENTRAL



Diamante Caribe | Next "Cities Lab"
y Santanderes de Colombia | Microsoft + Fundación Metropoli

BB Next

CIUDAD DEL AGUA Y LA ENERGÍA



Diamante Caribe
y Santanderes de Colombia

Next "Cities Lab"
Microsoft + Fundación Metrópoli

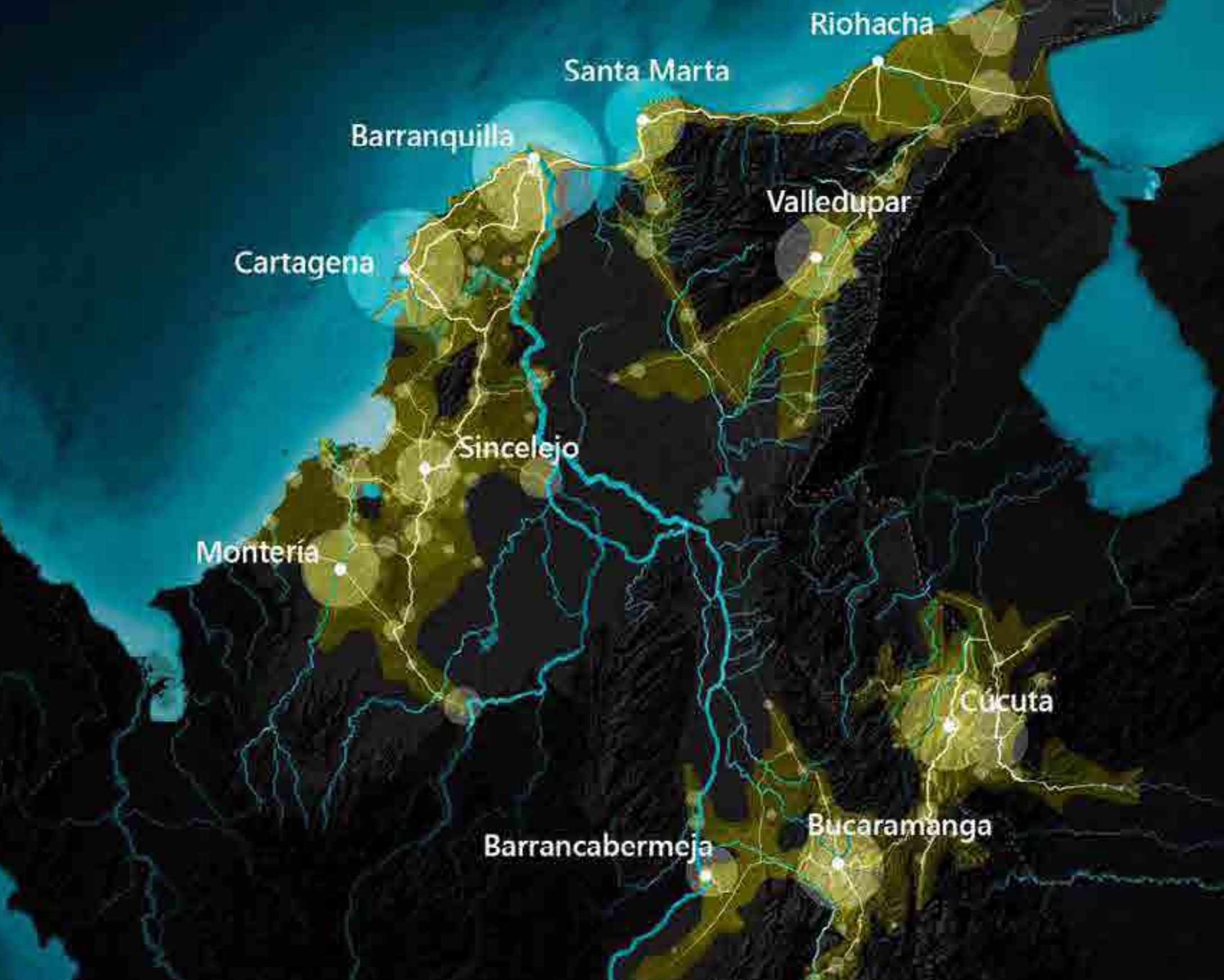
YONDO

B Next

CIUDAD DEL AGUA Y LA ENERGÍA



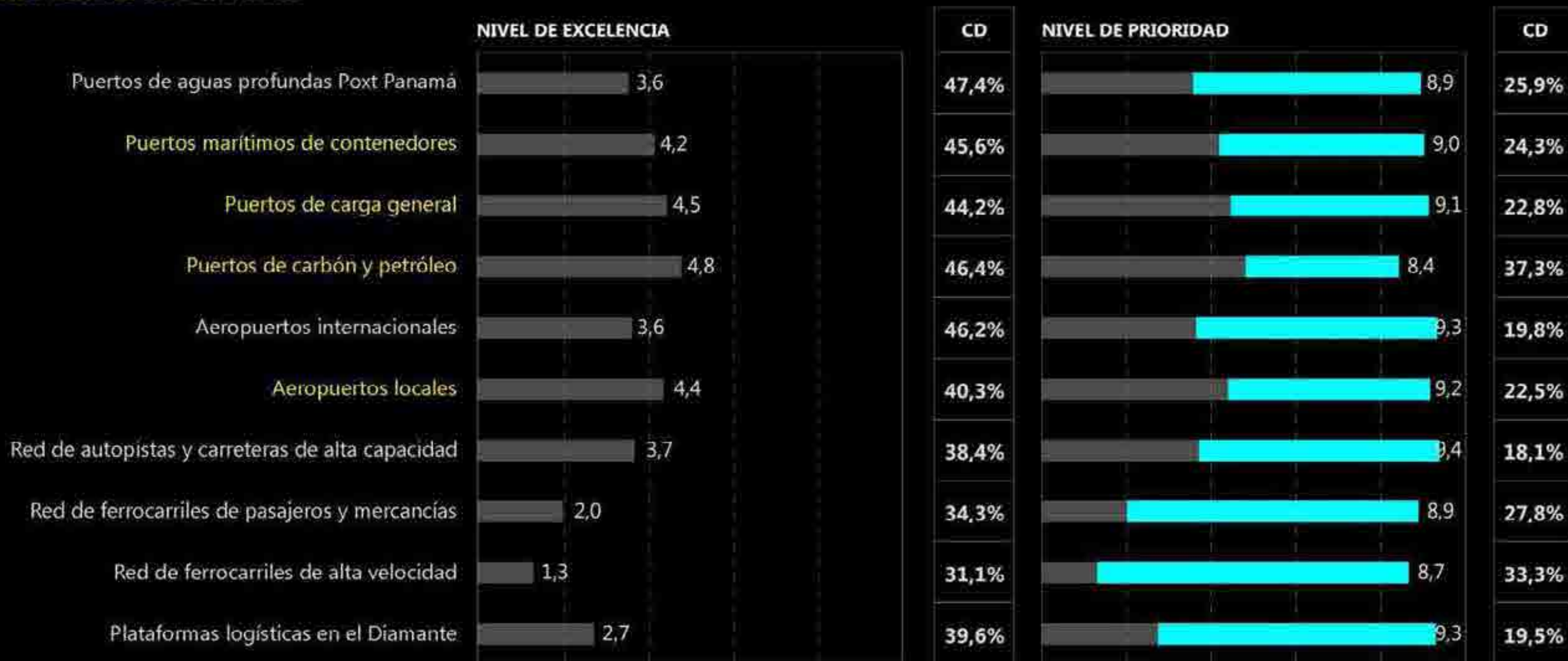
Ciudades del Diamante
Área funcional de 2h de viaje



Población	Ciudad
4.550.000	Barranquilla
3.995.000	Cartagena
2.800.000	Sta Marta
2.345.000	Sincelejo
2.145.000	Cúcuta
1.992.000	Montería
1.657.000	Bucaramanga
1.387.000	Barrancabermeja
978.000	Valledupar
727.000	Riohacha




Opciones Estratégicas para el Diamante Caribe y Santanderes de Colombia

Infraestructuras del Diamante



EL TERRITORIO DEL DIAMANTE

CONECTIVIDAD

-  PUERTOS MARÍTIMOS
-  PUERTOS FLUVIALES
-  PUERTOS A FUTURO



EL 90% DE LAS EXPORTACIONES SE REALIZAN POR VÍA MARÍTIMA

Principales exportaciones del Diamante 2013

% sobre el valor total de exportaciones del Diamante



Fuente : DANE 2013

Fuente: Superintendencia de Puertos y Transportes

El Diamante Digital

Diamante Caribe
y Santanderes de Colombia

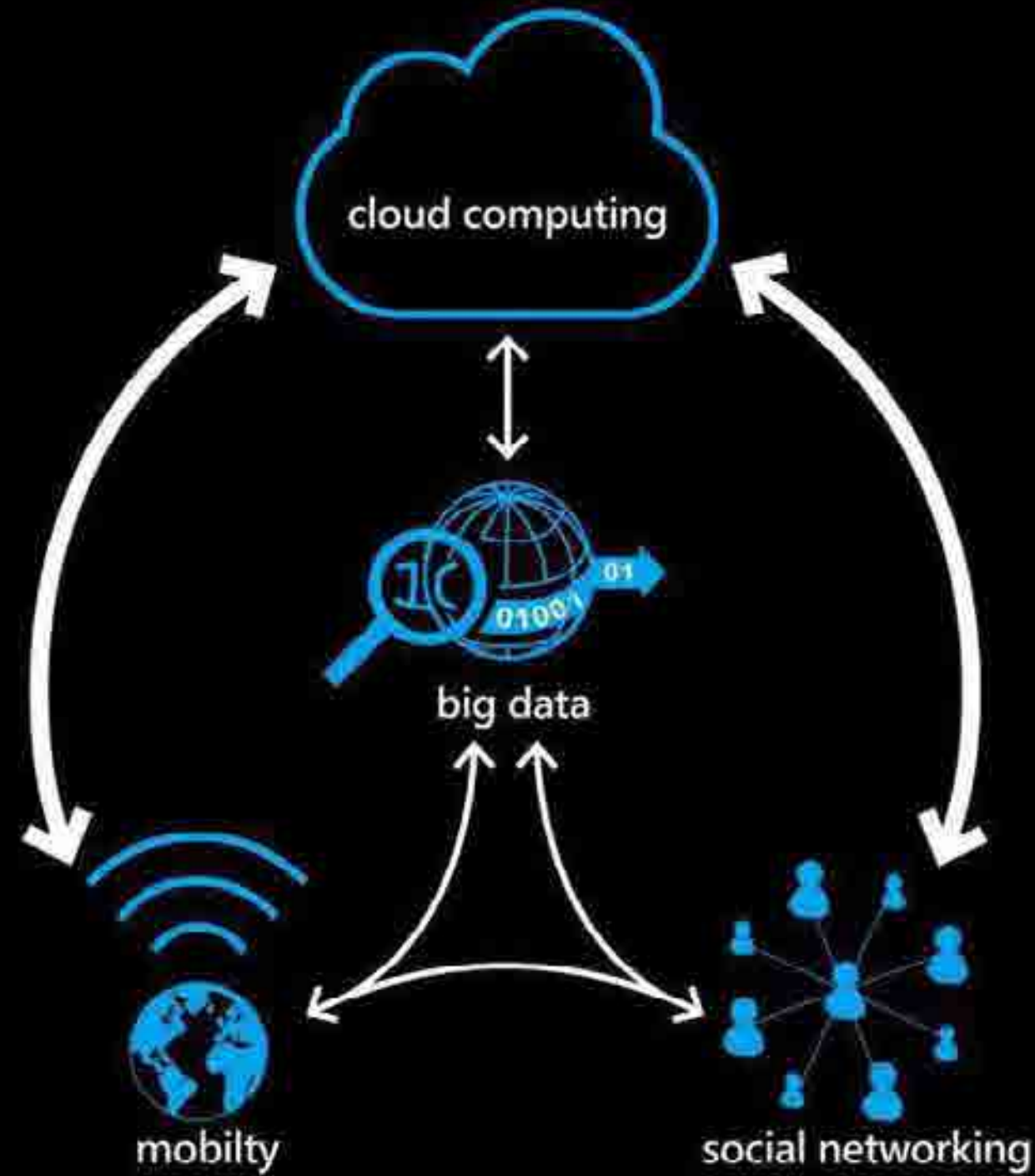
Next "Cities Lab"
Microsoft + Fundación Metrópolis



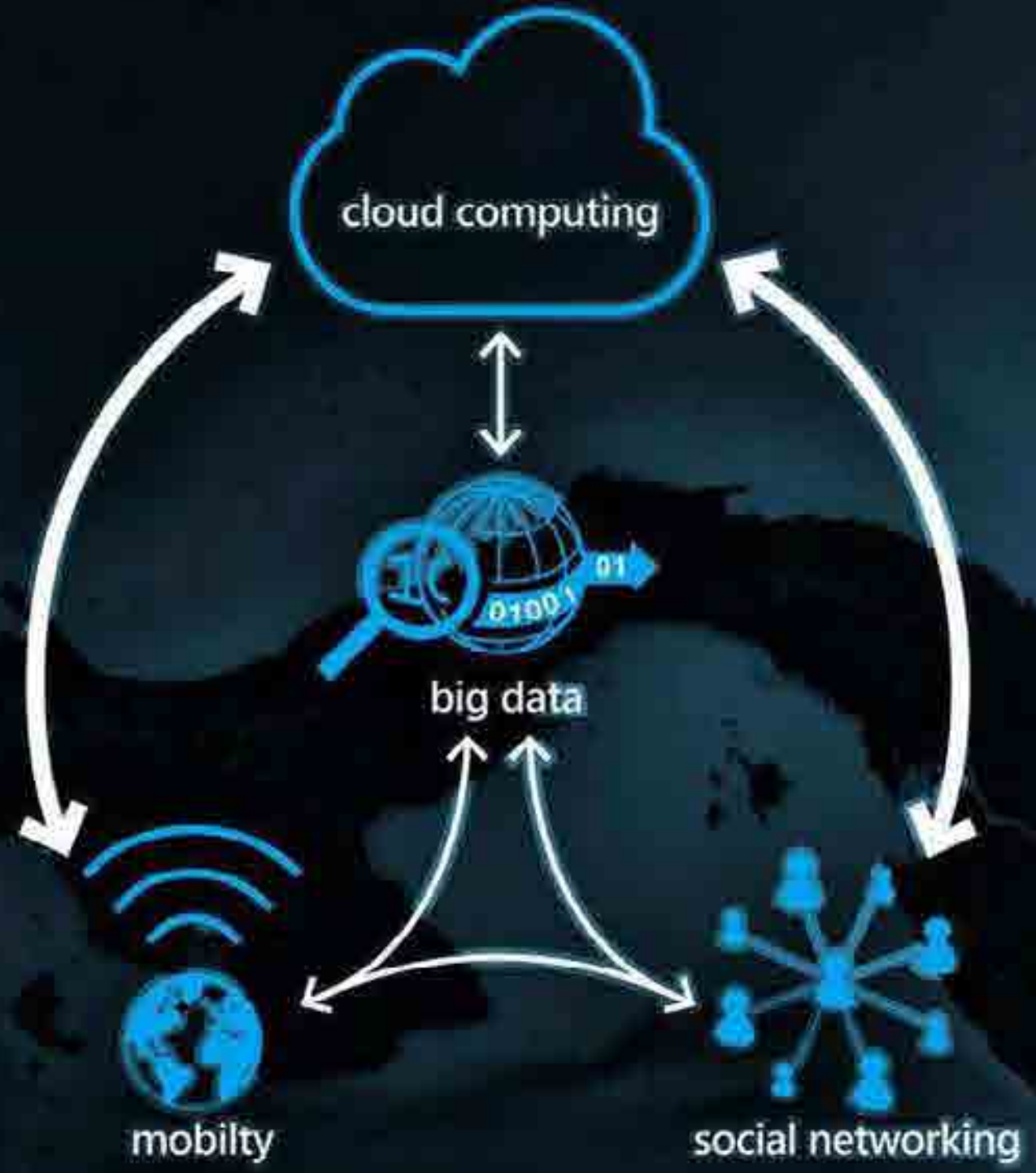
Gobierno
de COLOMBIA

Findeter
Financiera del Desarrollo



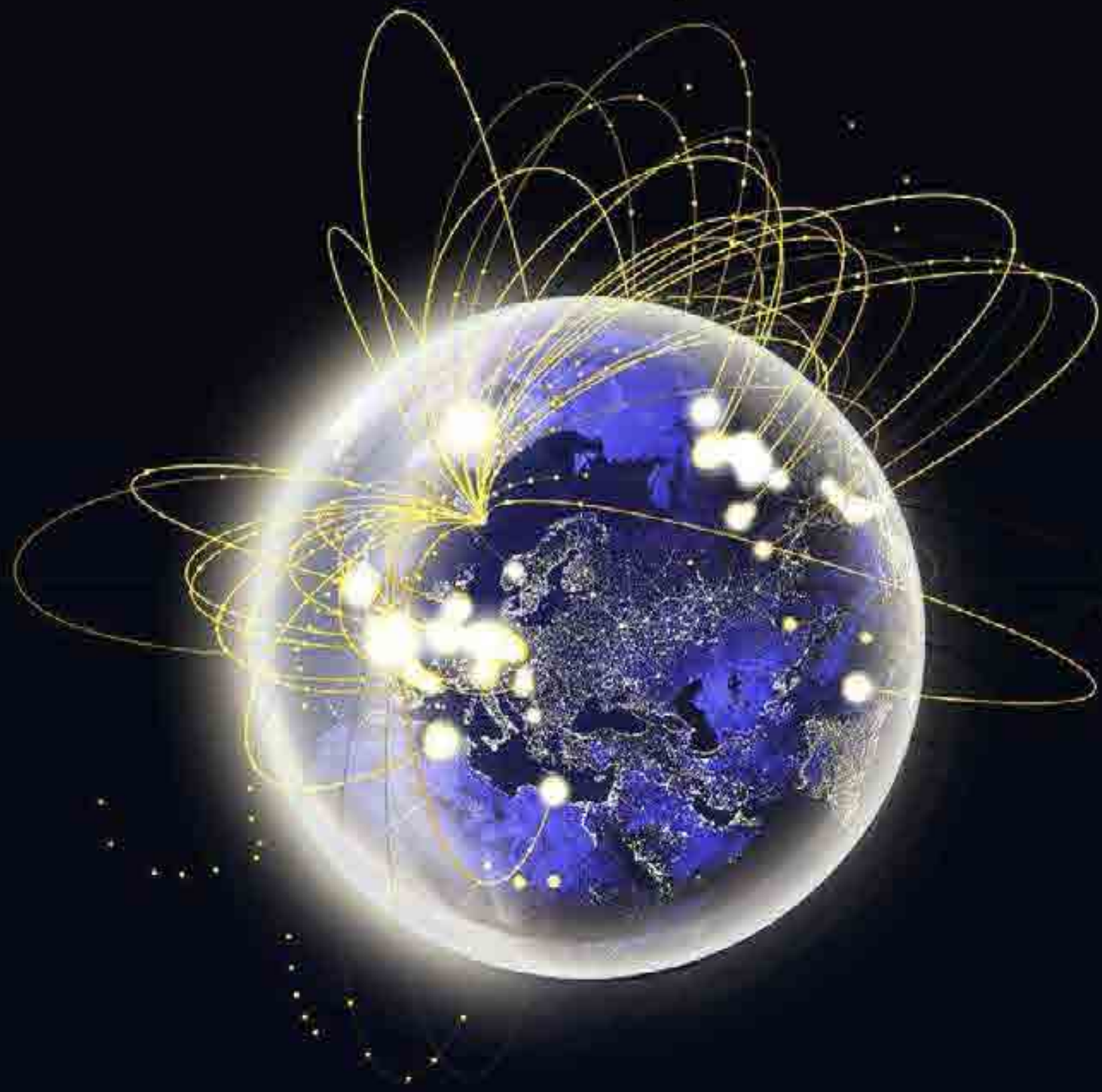


Tendencias Emergentes de la Tecnología



+





Connecting Physical and Digital Spaces



TECHNOLOGY + TERRITORY

exploring new synergies

A WORLD OF CITIES	01
TECHNOLOGY+TERRITORY	02
THE NEW SCALE OF PLANNING	03
LANDSCAPE INTELLIGENCE	04
FUTURE CITIES LAB	05

Economía Digital en la Ciudad

Infraestructura Digital



Economía Digital en la Ciudad

Servicios Digitales

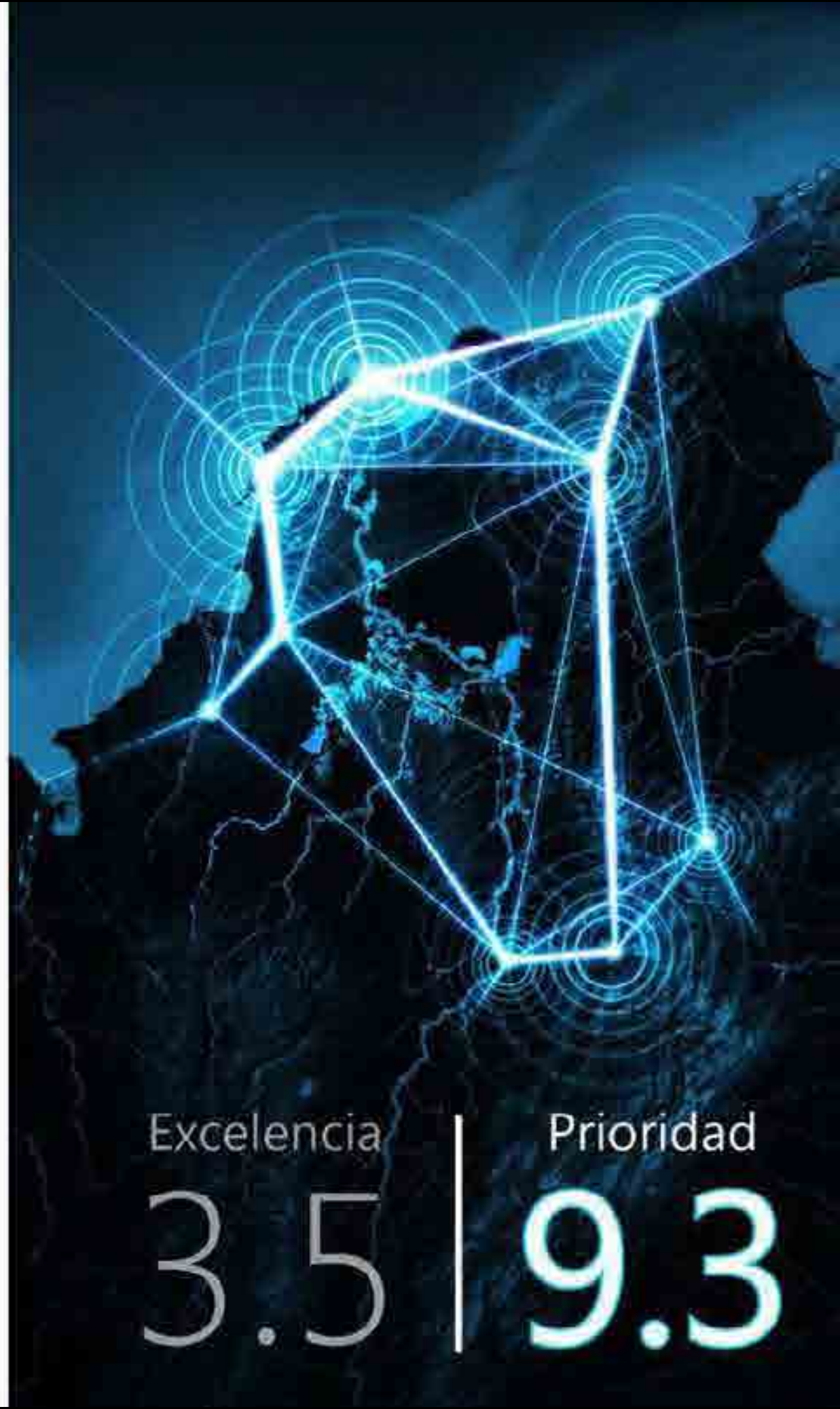




Diamante Caribe
y Santanderes de Colombia

Proy. "Cities-Lab"
by Wolff + Partners + Hasso Plattner

Servicios de Salud



Excelencia

3.5

Prioridad

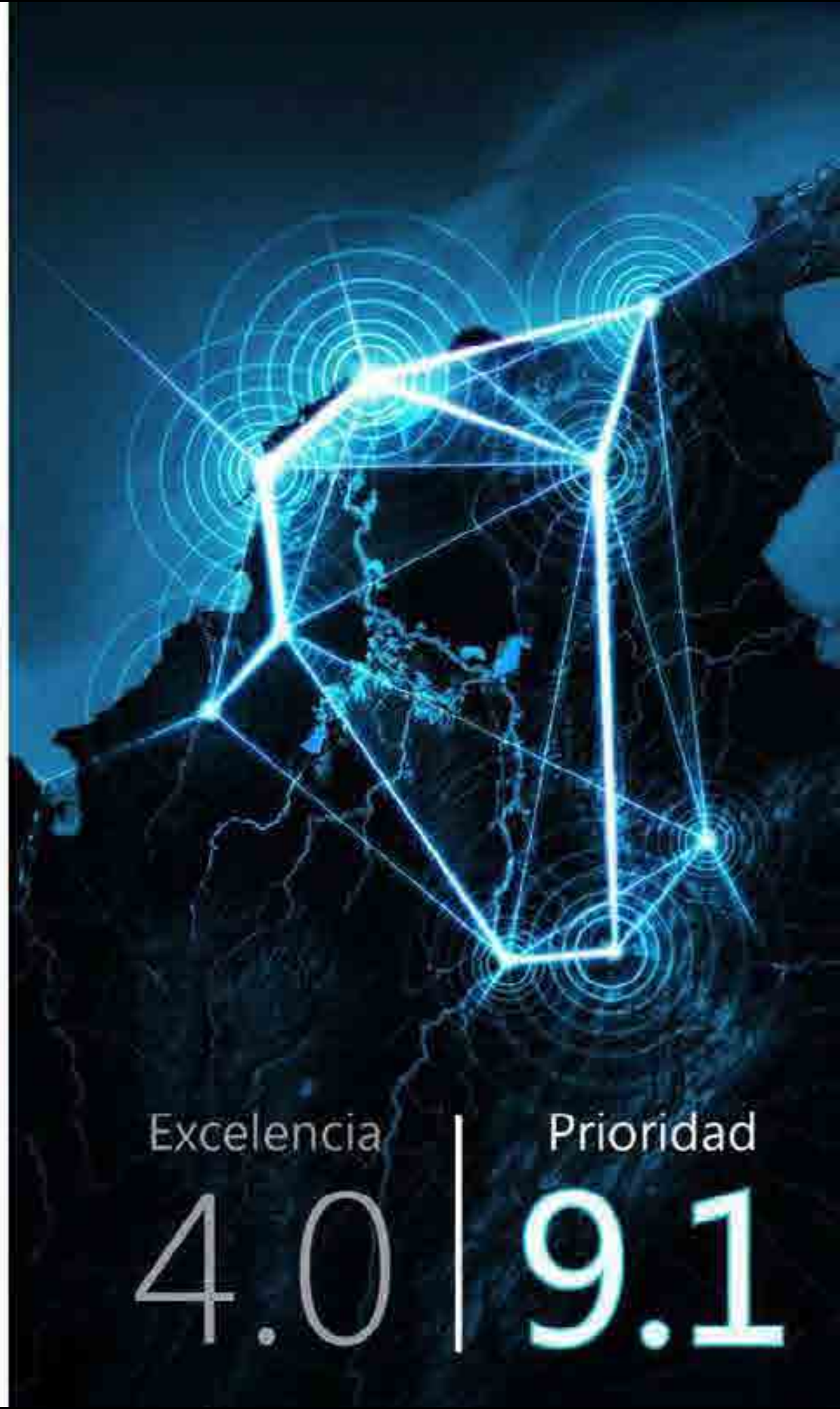
9.3

Diamante Caribe
Sociedad por Acciones

Next "Cross Lab"
Microsoft + Facebook



Comercio Electrónico

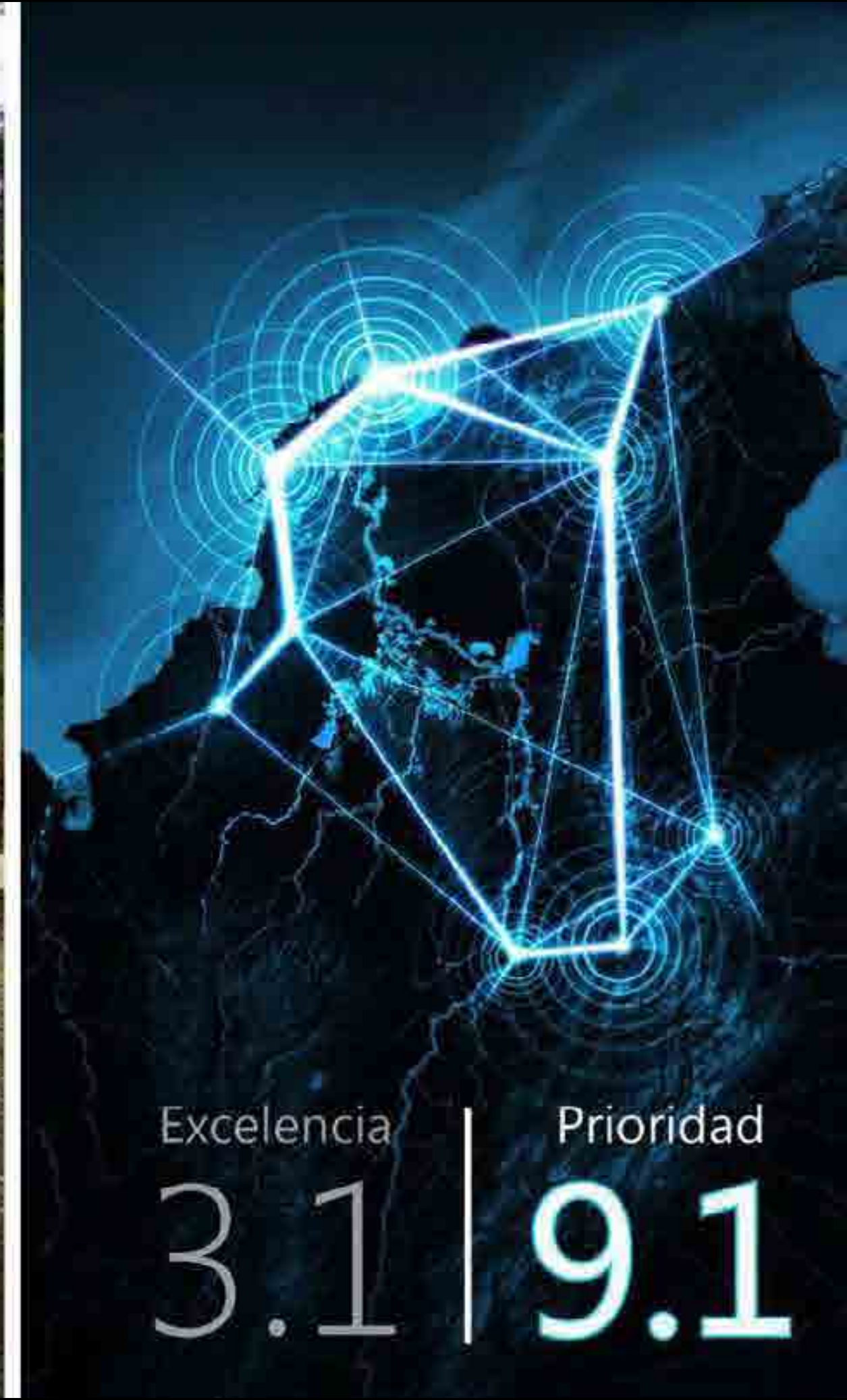


Excelencia

4.0

Prioridad

9.1





Diamante Caribe
Santanderes de Colombia

Seguridad Ciudadana

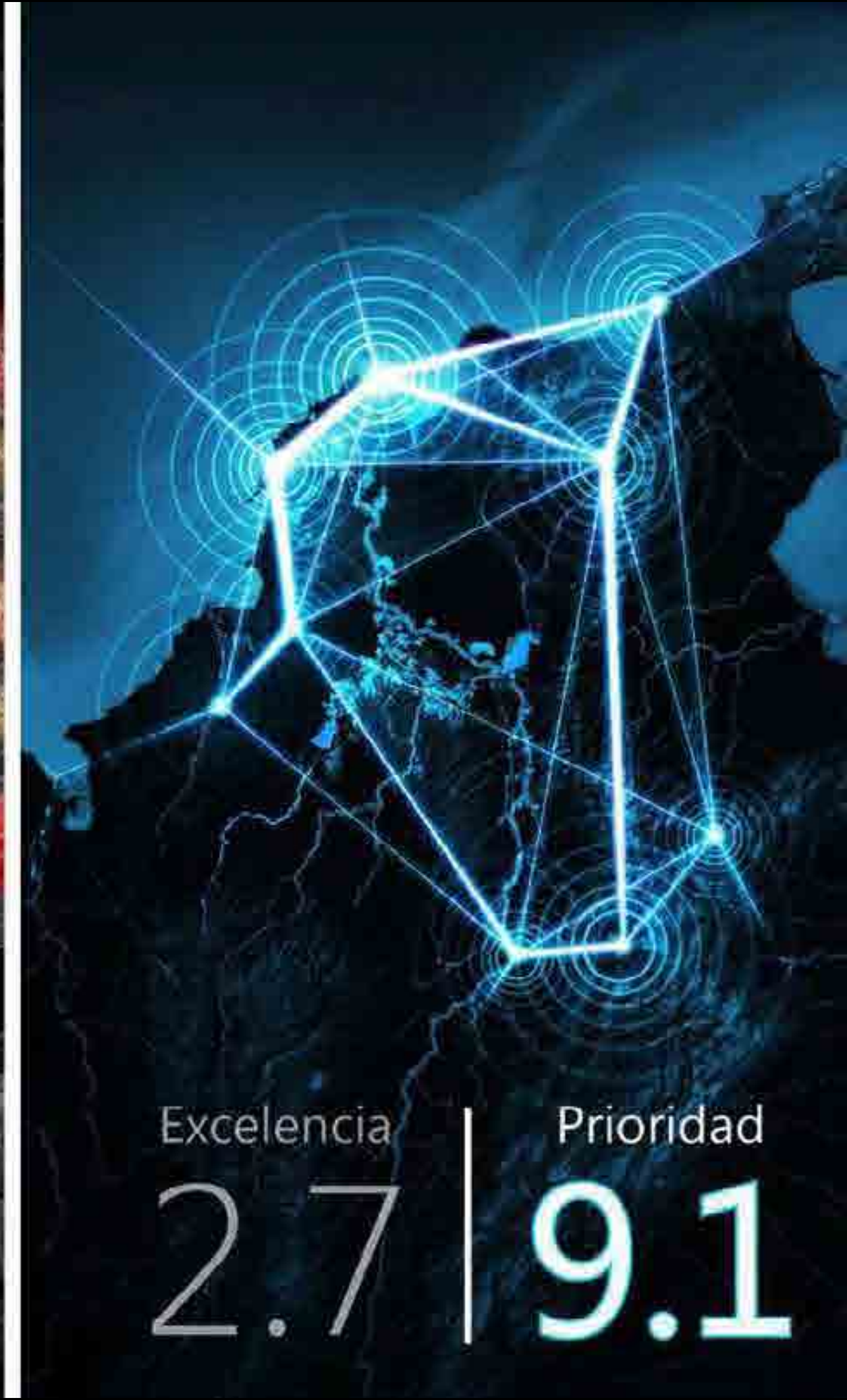


Excelencia

3.1

Prioridad

9.3



Diamante Caribe
y Santanderes de Colombia

Next-Gen Lab
Microsoft + Facebook + Metasploit

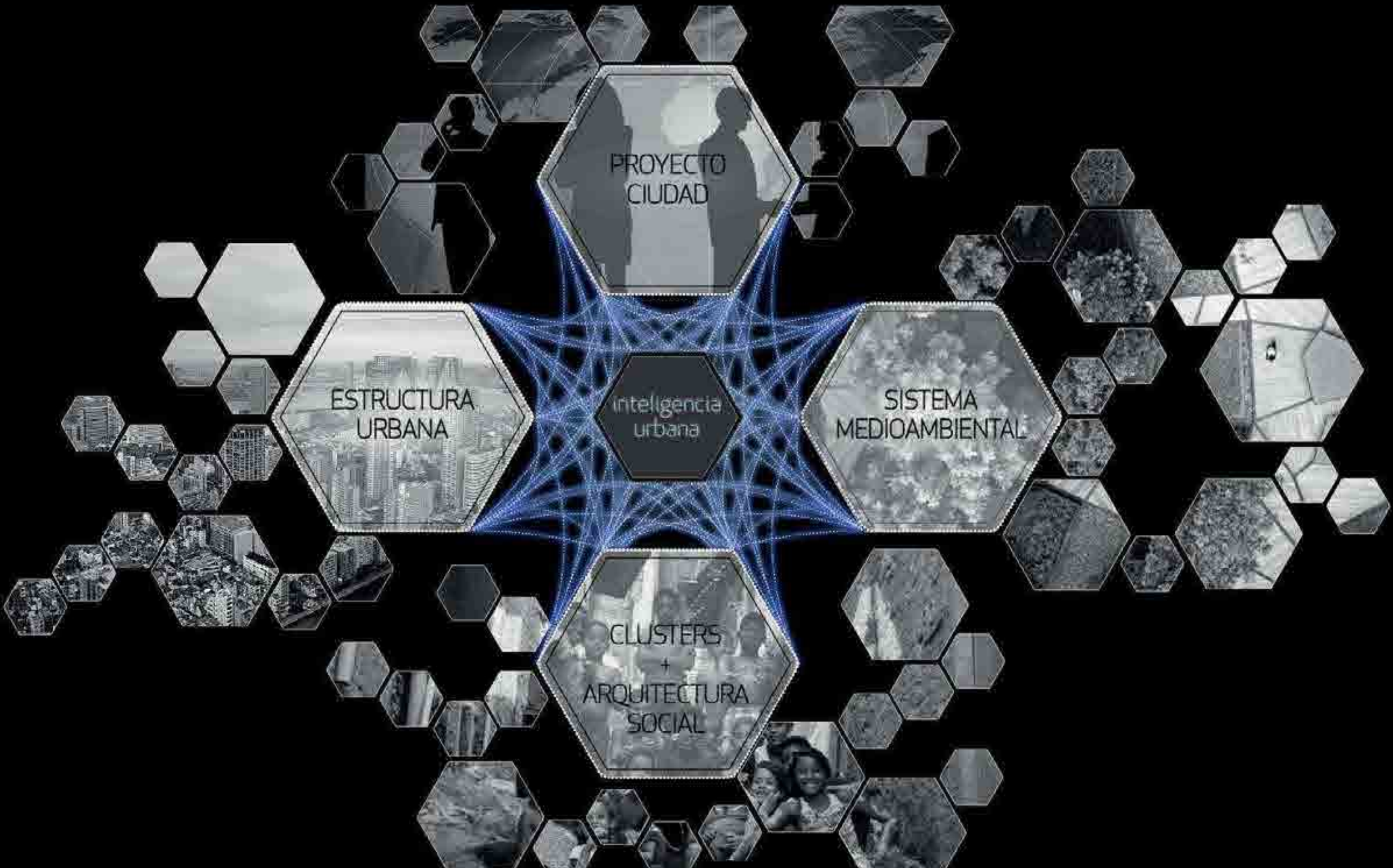
Diamante Digital

Planes y proyectos de futuro

Proyecto de futuro para el territorio del Diamante

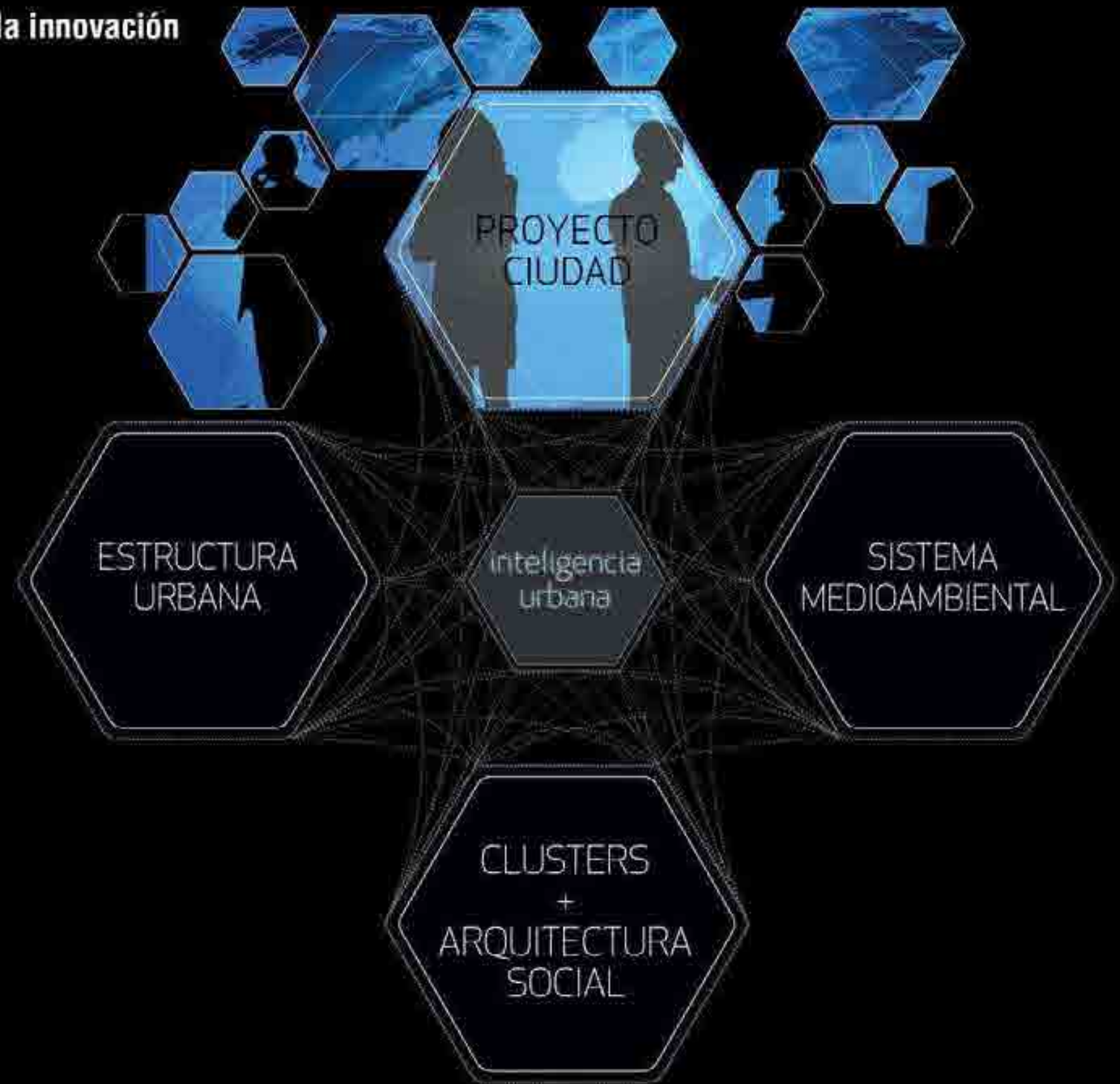


Diamante "Caribe Colombiano"



Diamante "Caribe Colombiano"

Plataformas para la innovación

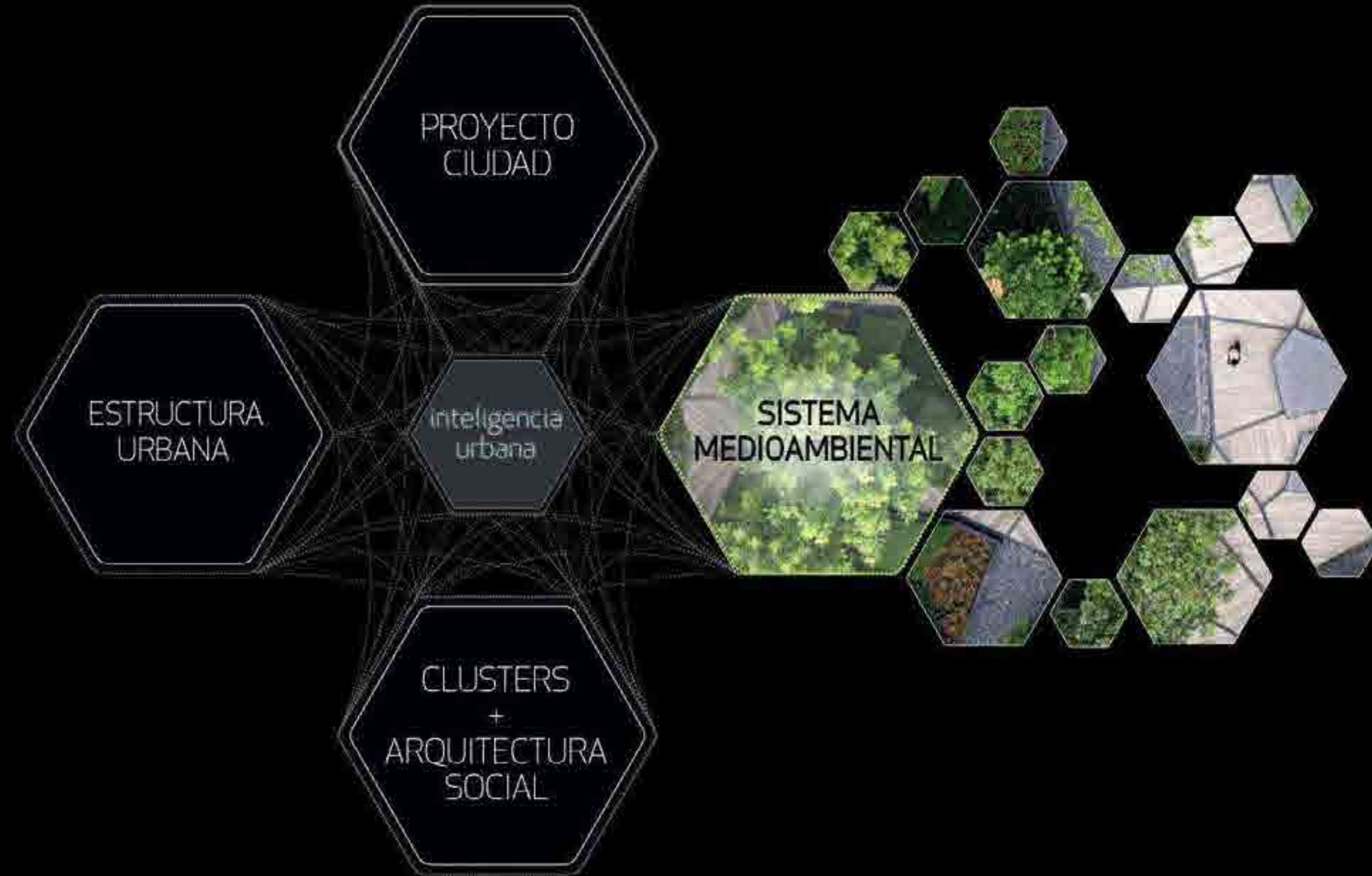


Participación ciudadana



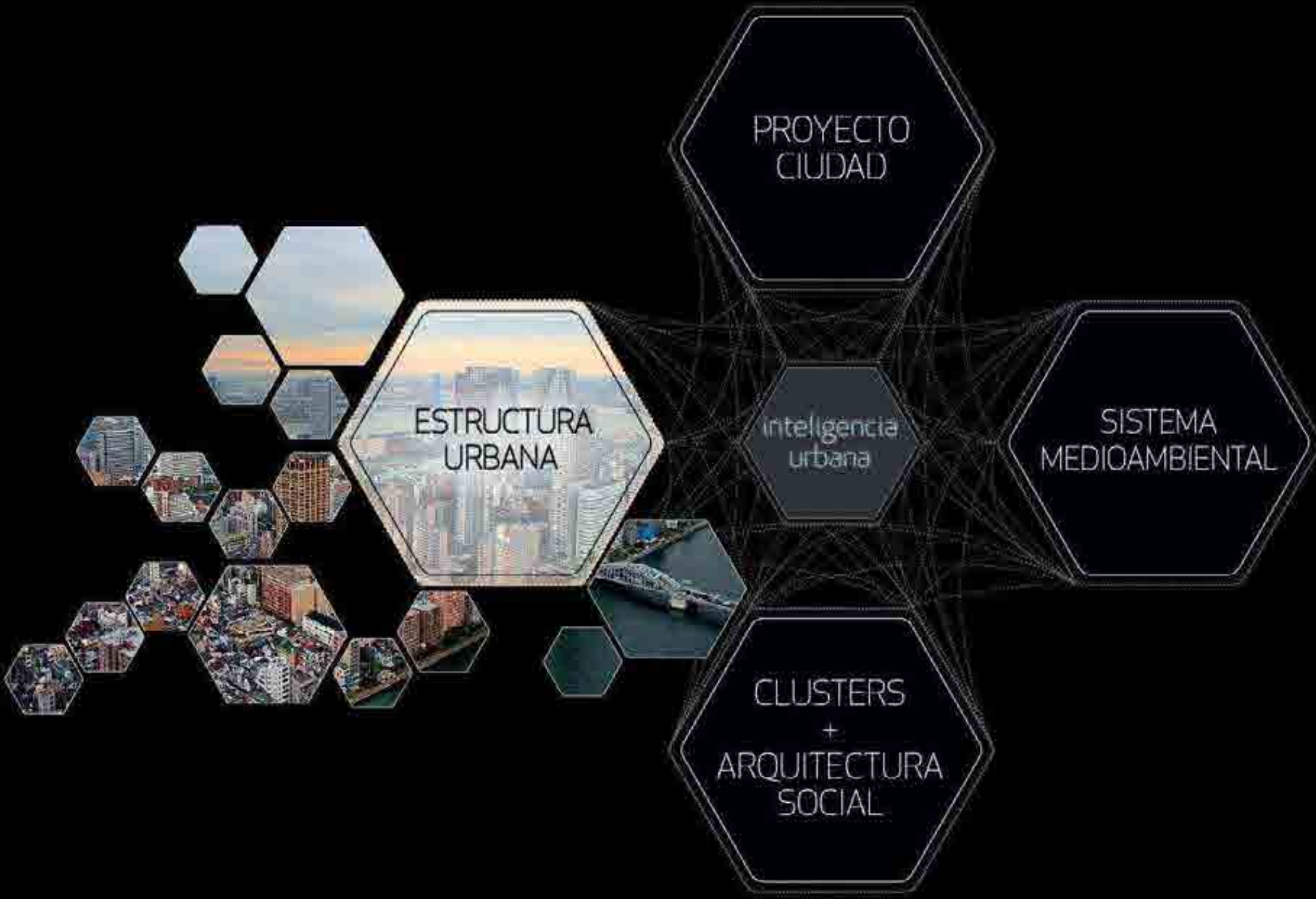
Diamante "Caribe Colombiano"

Diseño Paisajítico Floreciente



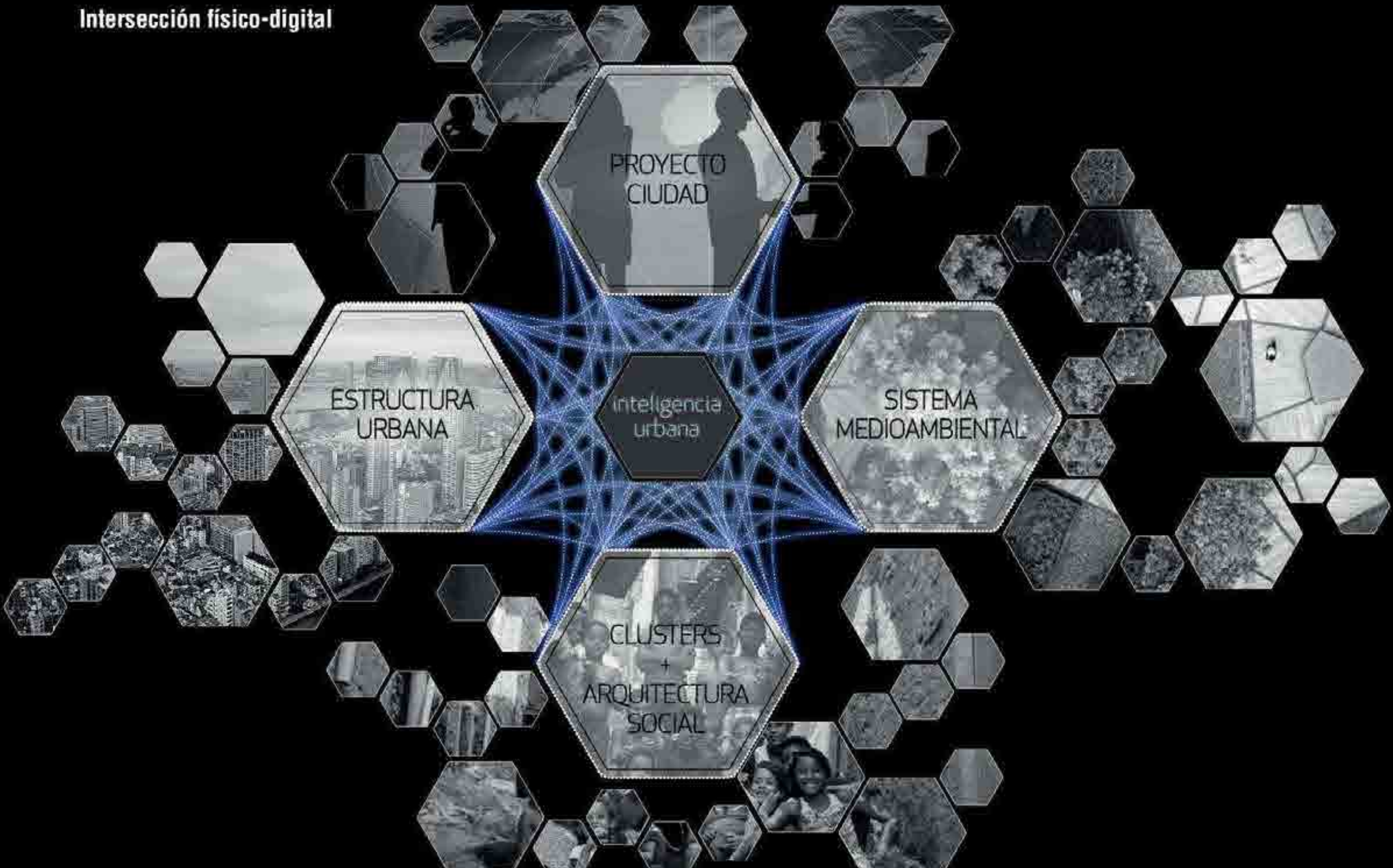
Diamante "Caribe Colombiano"

Diseño Urbano Vibrante



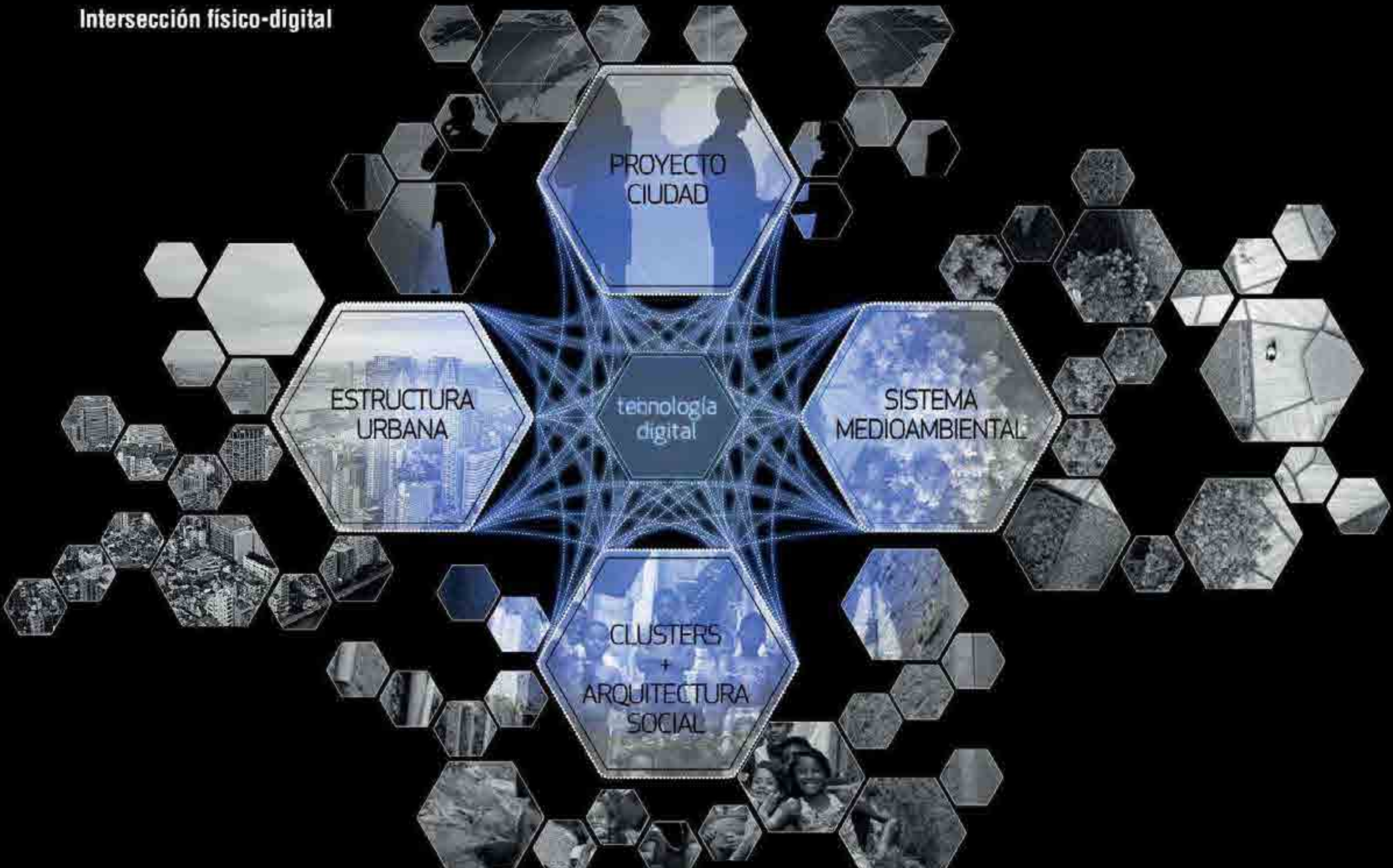
Diamante "Caribe Colombiano"

Intersección físico-digital



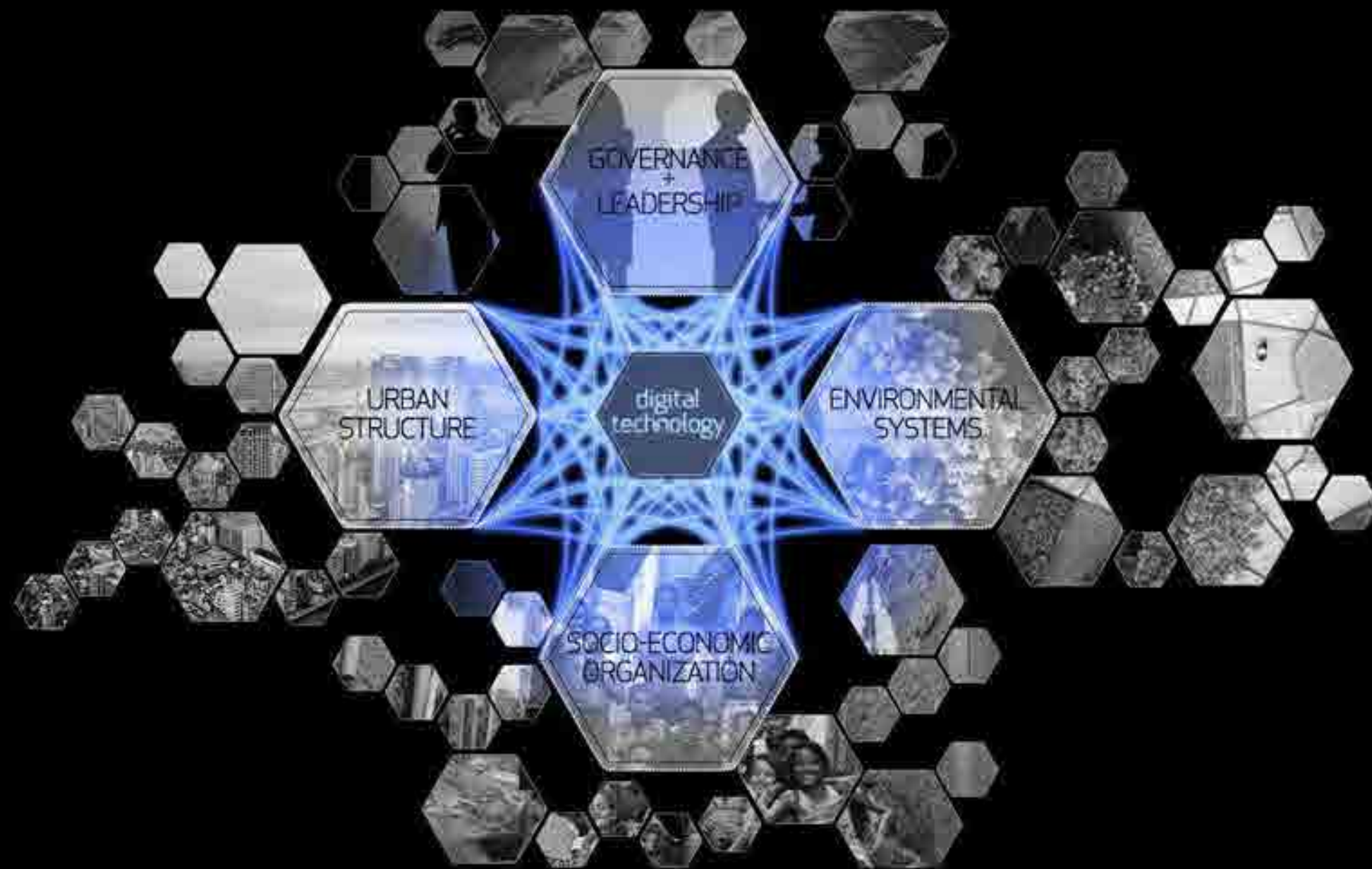
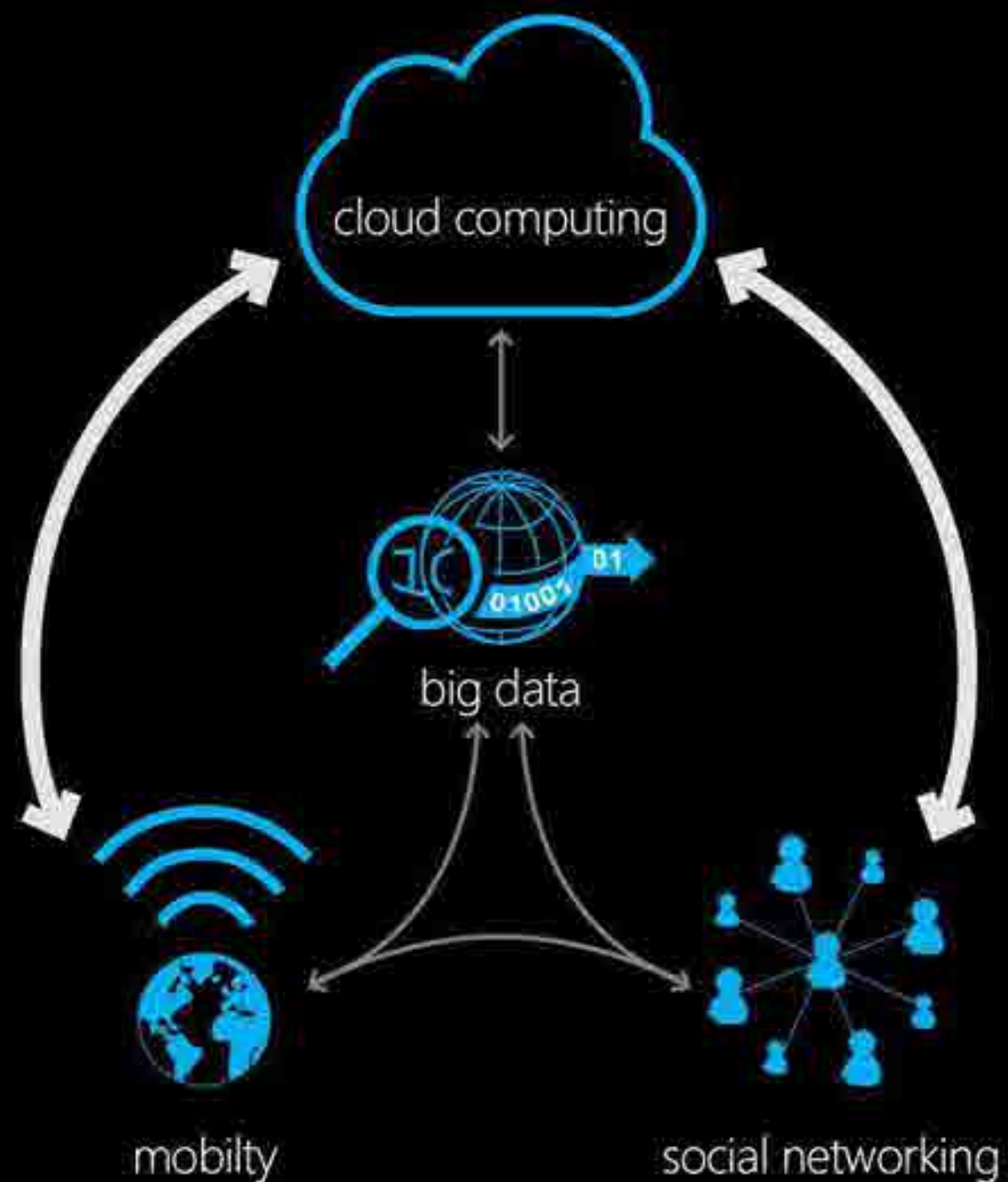
Diamante "Caribe Colombiano"

Intersección físico-digital

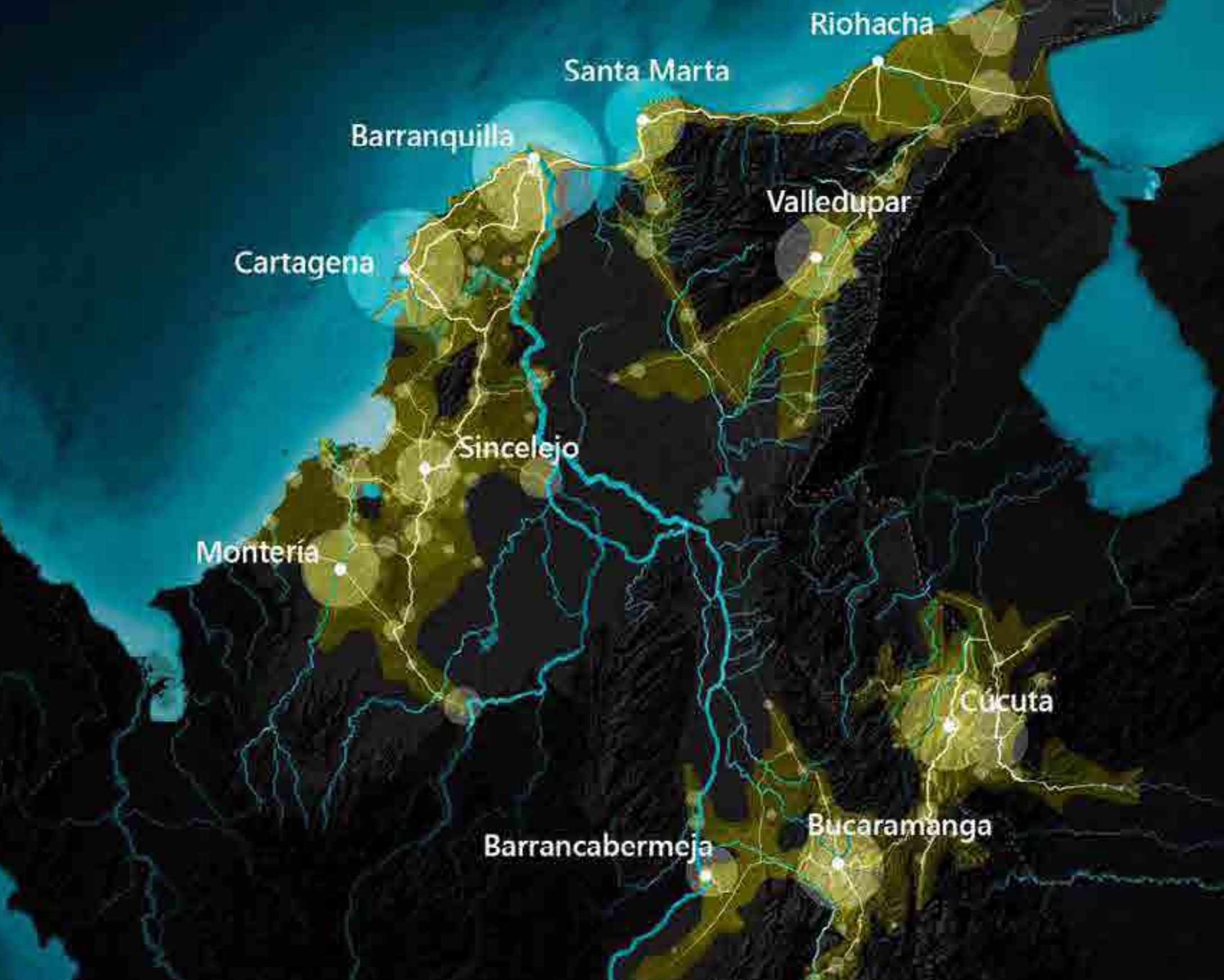


THE NEXT DIGITAL REVOLUTION

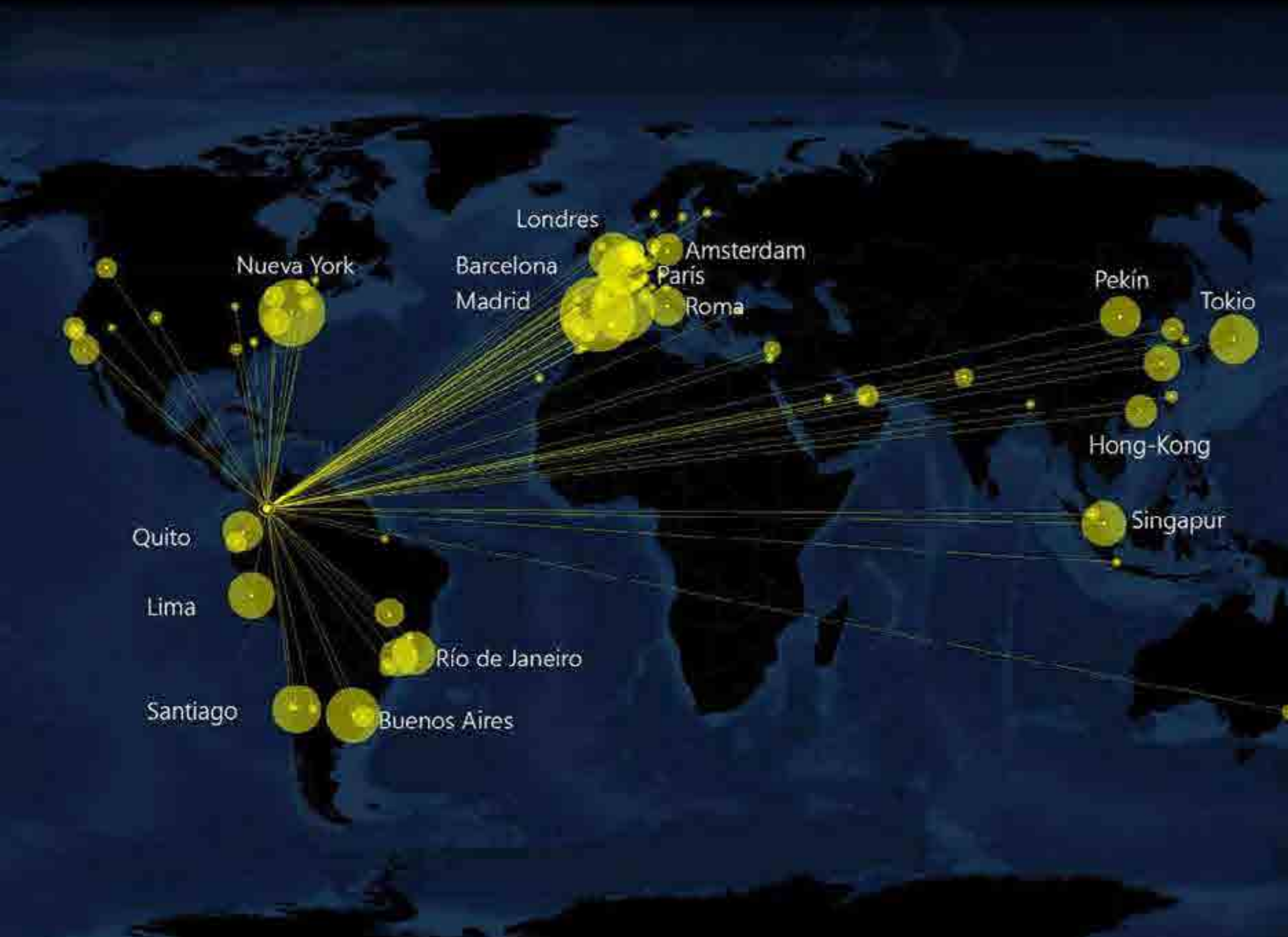
AT THE INTERSECTION OF PHYSICAL AND DIGITAL



Ciudades del Diamante
Área funcional de 2h de viaje



Población	Ciudad
4.550.000	Barranquilla
3.995.000	Cartagena
2.800.000	Sta Marta
2.345.000	Sincelejo
2.145.000	Cúcuta
1.992.000	Montería
1.657.000	Bucaramanga
1.387.000	Barrancabermeja
978.000	Valledupar
727.000	Riohacha



CIUDADES

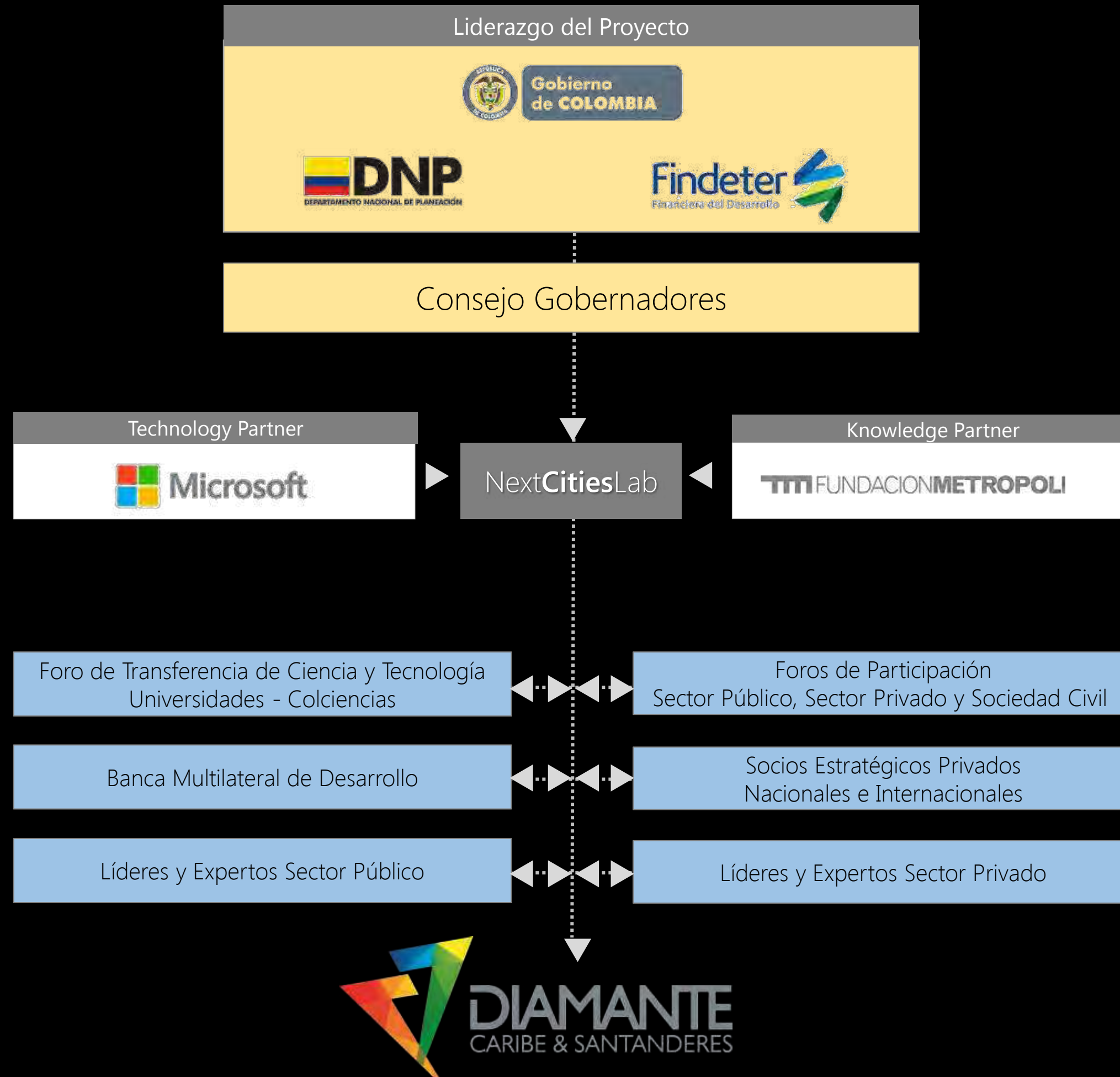
Madrid	10,4%
Nueva York	7,9%
Barcelona	1,3%
Buenos Aires	5,2%
Paris	4,3%
Tokio	4,3%
Santiago de Chile	4,2%
Londres	4,1%
Lima	3,8%
Singapur	3,6%

PAÍSES

España	19,3%
Estados Unidos	12,9%
Brasil	7,7%
China	5,5%
Argentina	5,4%



Articulación Institucional Diamante Caribe y Santanderes



Simbiosis entre

El Diamante Digital

Proyectos Estratégicos basados en las Fortalezas
Y Tecnología Digital

Alianza Diamante

Inteligencia Urbana

Liderazgo Creativo
Visión Inteligente Compartida
Proyectos Catalizadores
Clusters Económicos Emergentes
Redes Estratégicas
Magnetismo

Acelerador Digital

Conectividad de Banda Ancha
Servicios en la Nube & Big Data
Plataforma Economía Digital
Nuevas Apps
Ecosistema Digital de Innovación
Soluciones Digitales Inteligentes

Confluencia

Administraciones Públicas Políticas Sectoriales Público & Privado Nacional & Internacional Universiidades & talento Corporaciones & Empresas Organizaciones & Personas

Desarrollo Socio Económico y Competitividad