LANDSCAPE INTELLIGENCE

Alfonso Vegara
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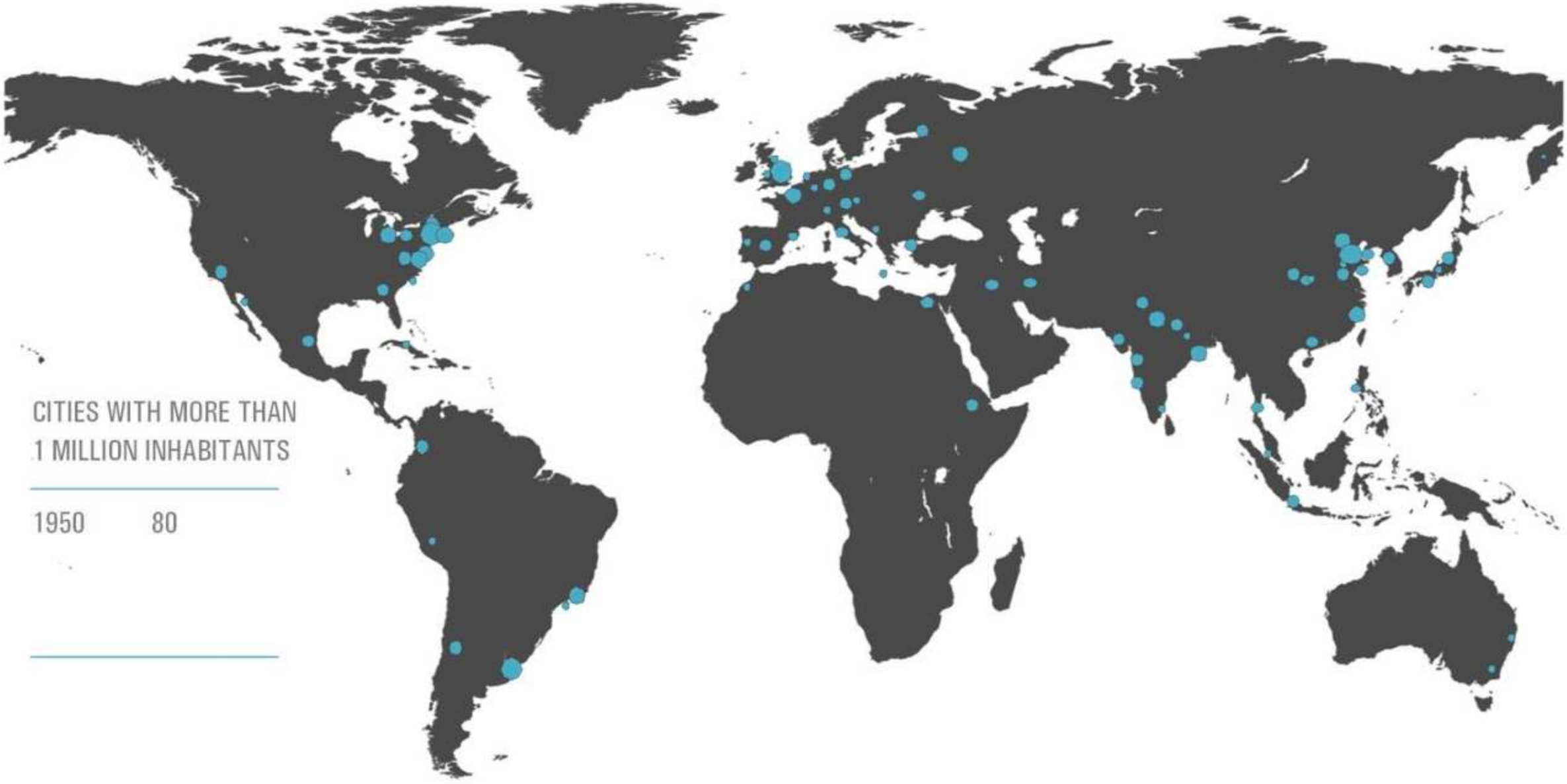
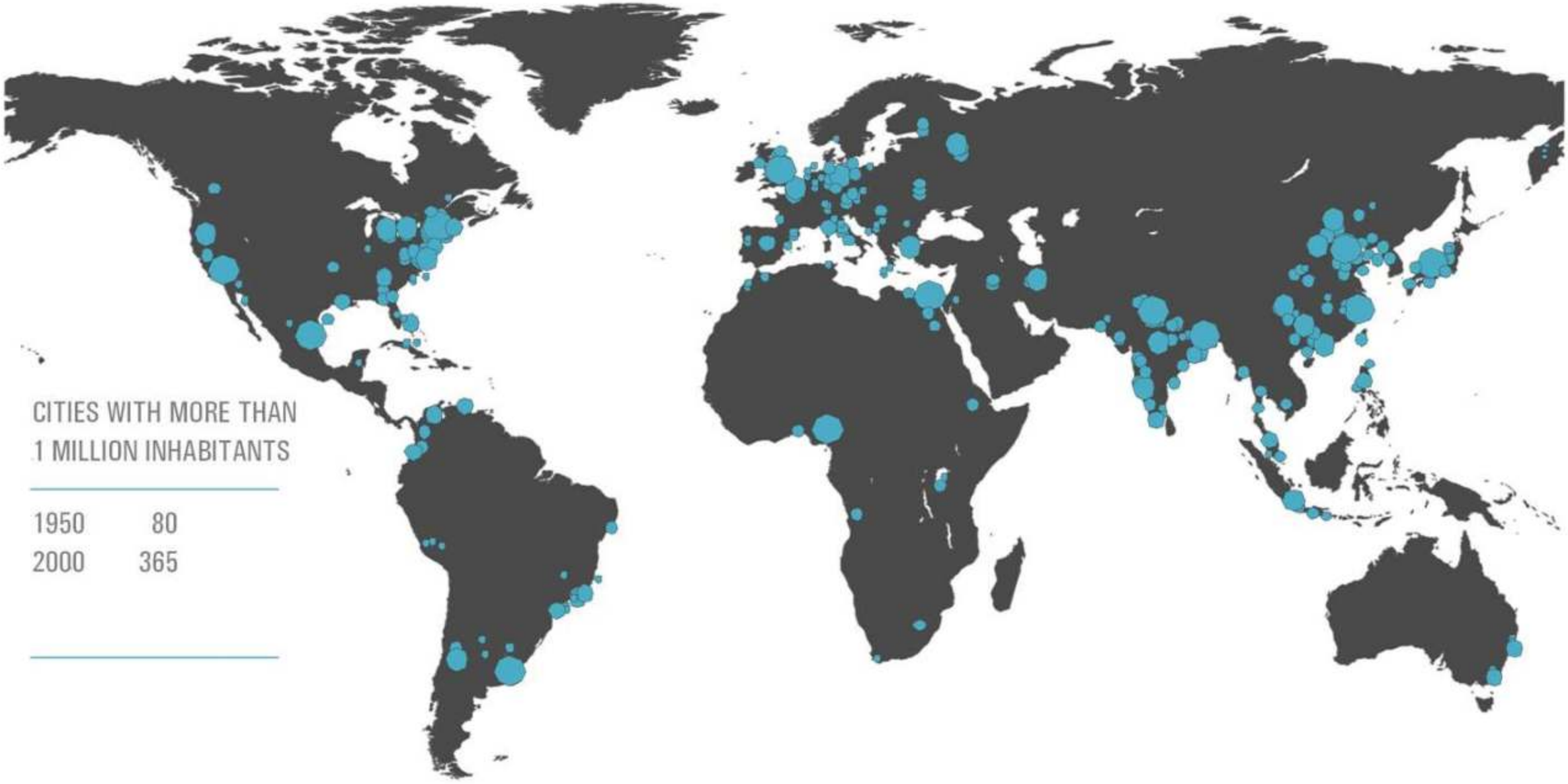
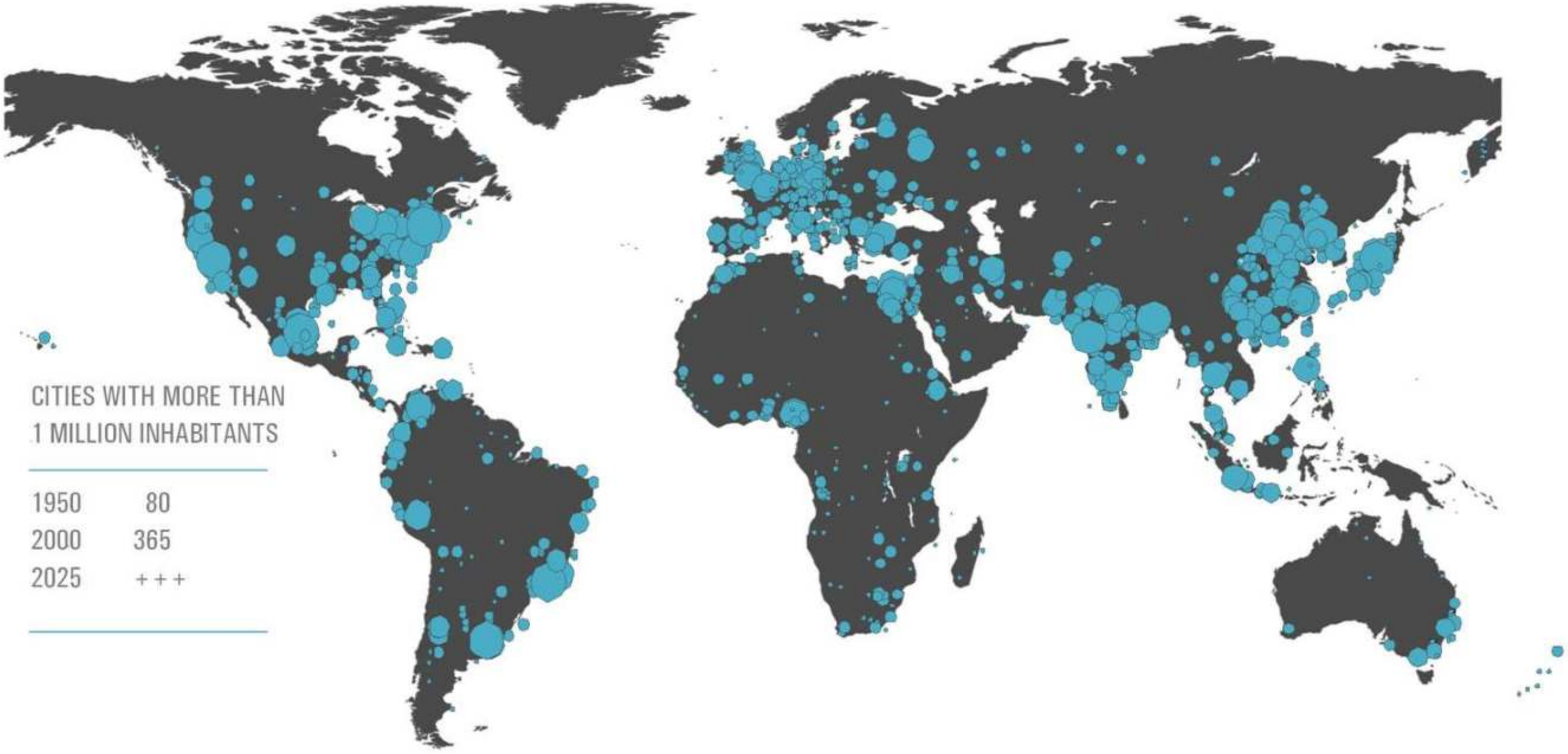
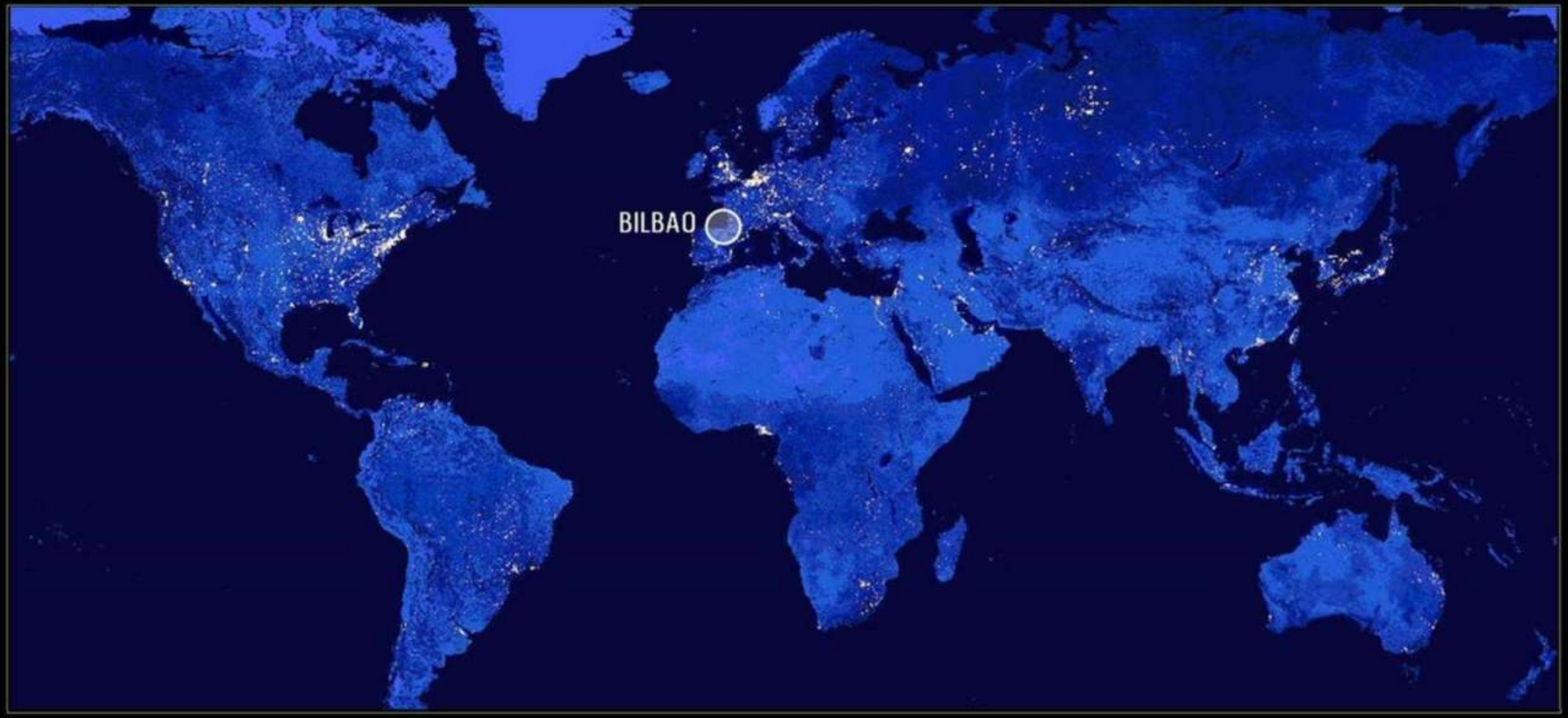

CITIES WITH MORE THAN
1 MILLION INHABITANTS
1950 80


CITIES WITH MORE THAN
1 MILLION INHABITANTS
1950 80
2000 365


CITIES WITH MORE THAN
1 MILLION INHABITANTS
1950 80
2000 365
2025 +++

Fundación Metrópoli is an international centre of innovation in cities and regions

BETTERING OUR WORLD
CITY BY CITY



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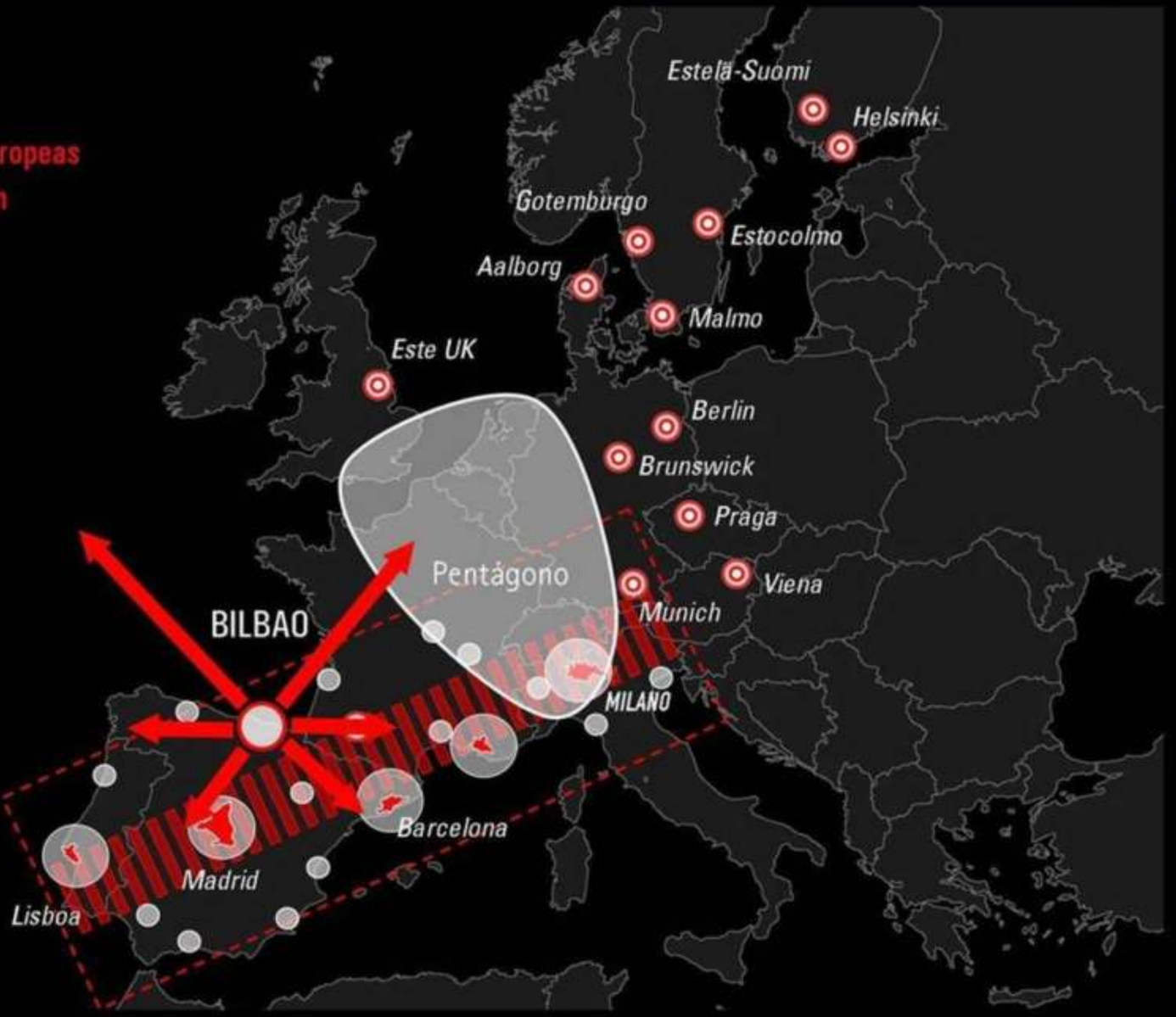
Regiones Europeas
Nueva Visión

Oportunidades de articulación regional
Protagonismo Europeo



Bilbao GUGGENHEIM ++

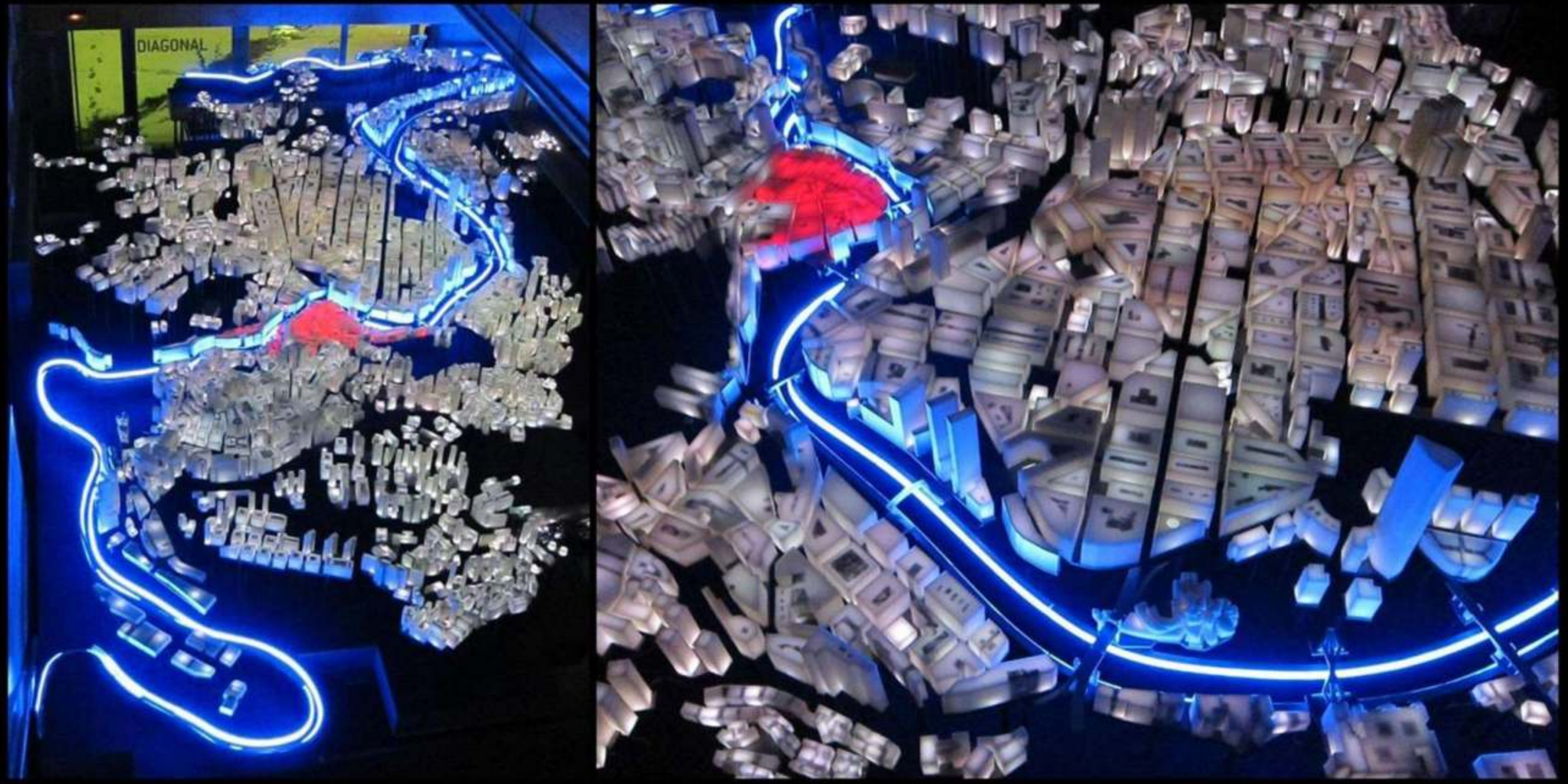
Shanghai World Expo 2010
Better City, Better Life

the **floods** of

1983

EXPO 2010
Bilbao GUGGENHEIM ++
Shanghai World Expo 2010
Better City, Better Life
The Urban Transformation

0 0,25 0,5 0,75 1
2 Kilometros

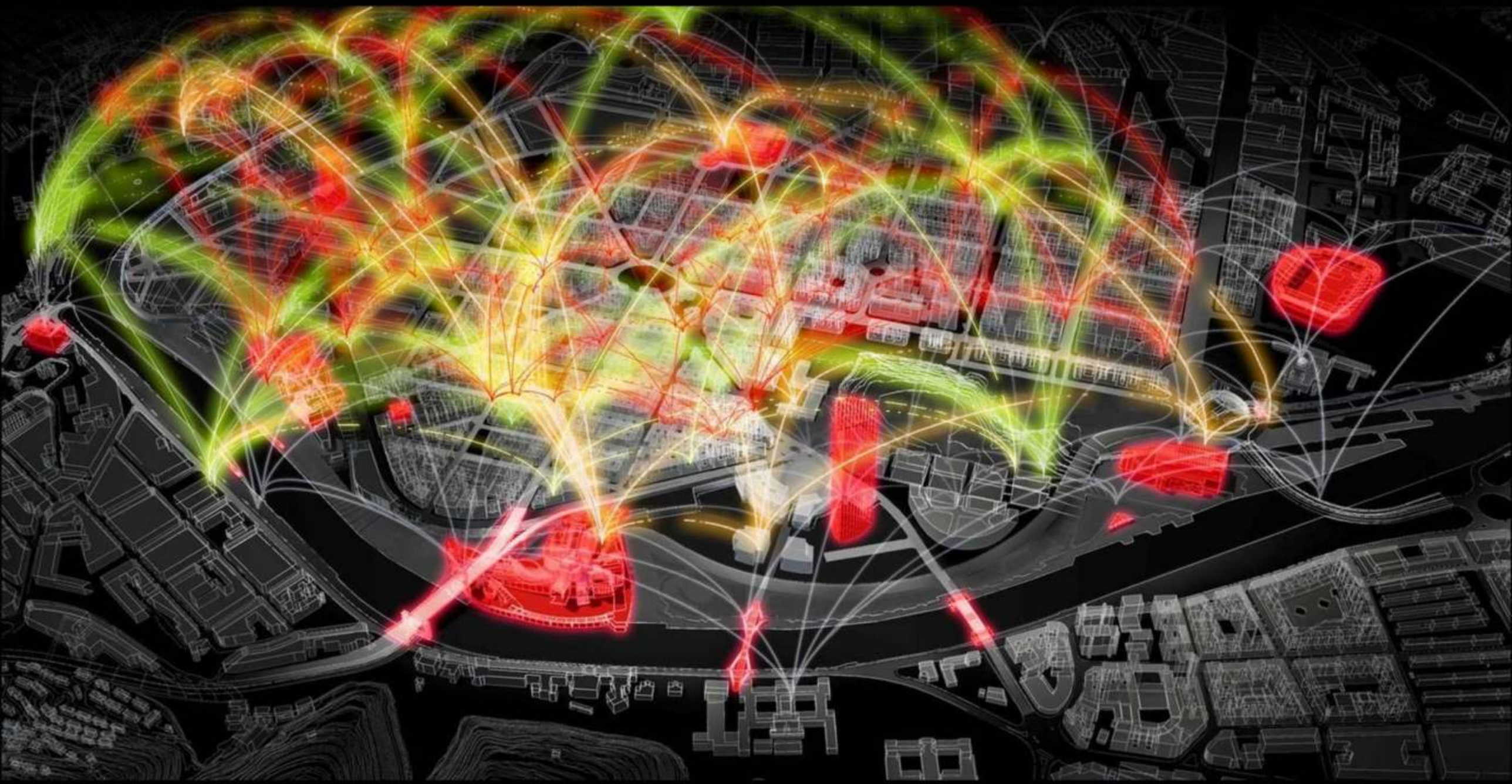

DIAGONAL

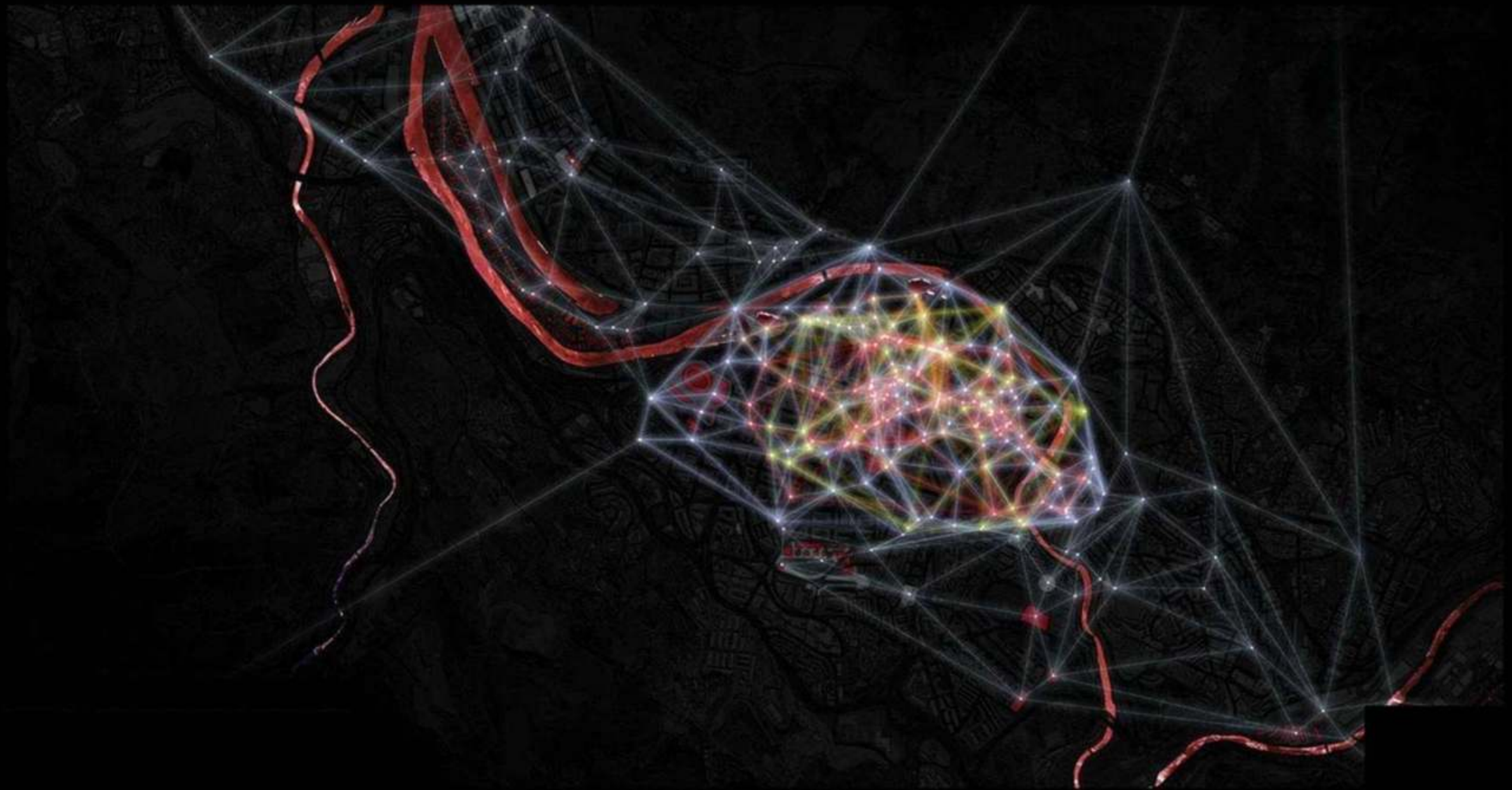
BILBAO: THE GUGGENHEIM EFFECT
URBAN LINKS

LA RIA PUENTES

DISTRITO DE LAS ARTES TRANVIA

DISTRITO DE LAS ARTES **ENSANCHE**





BILBAO

SAN SEBASTIAN

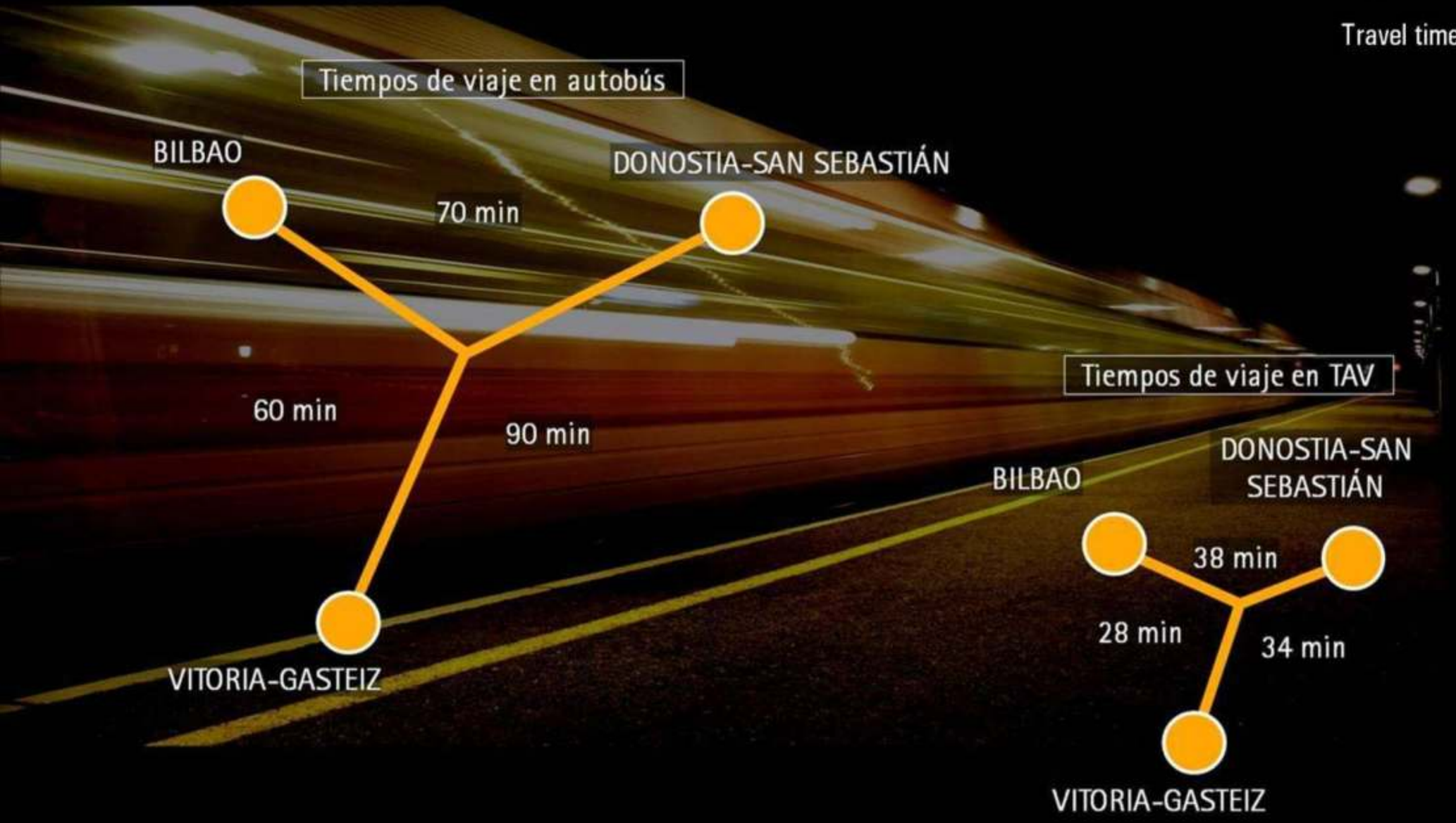
VITORIA

N

50 km

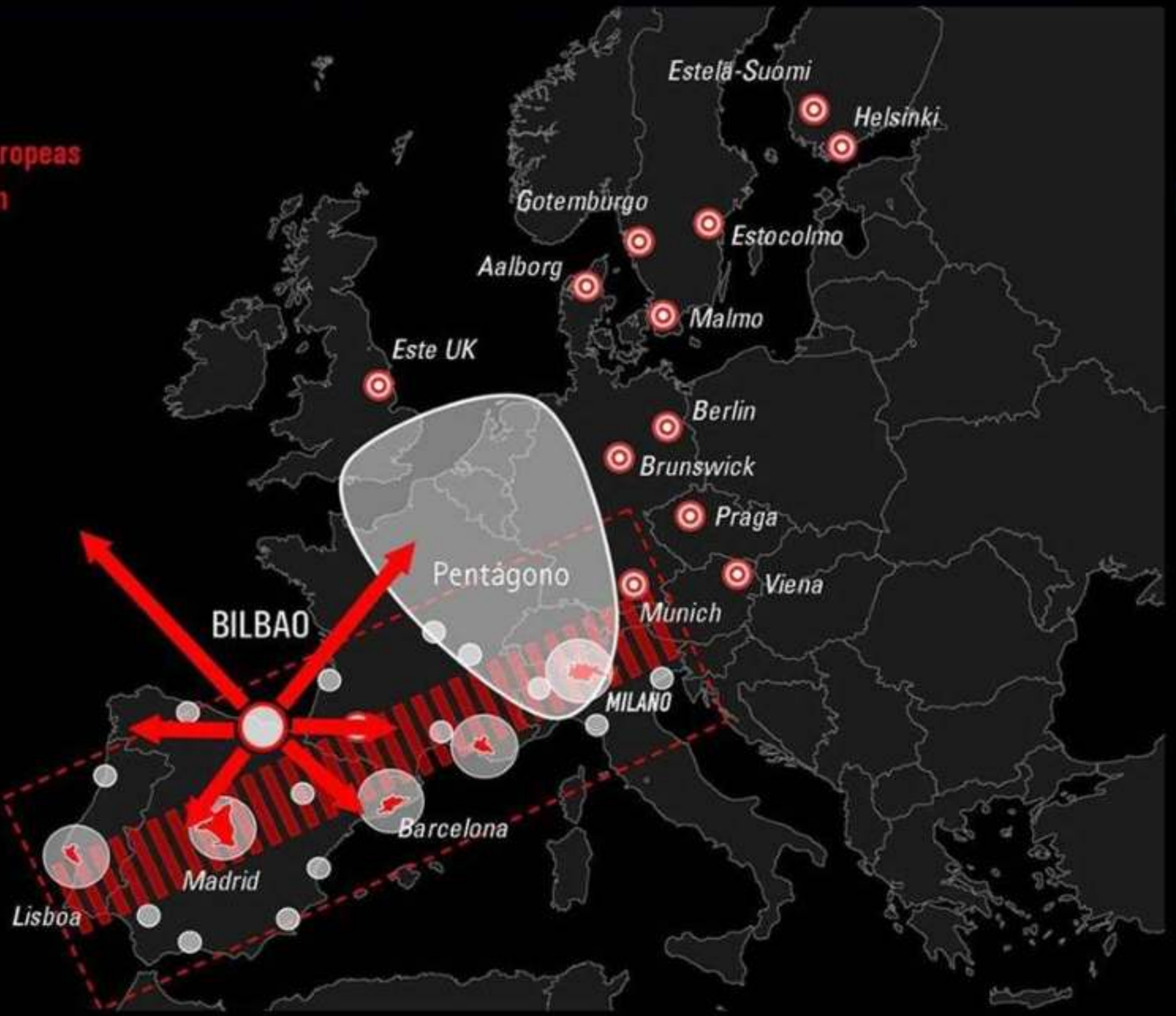
Interconnecting the Basque Capital Cities

Travel time between the cities

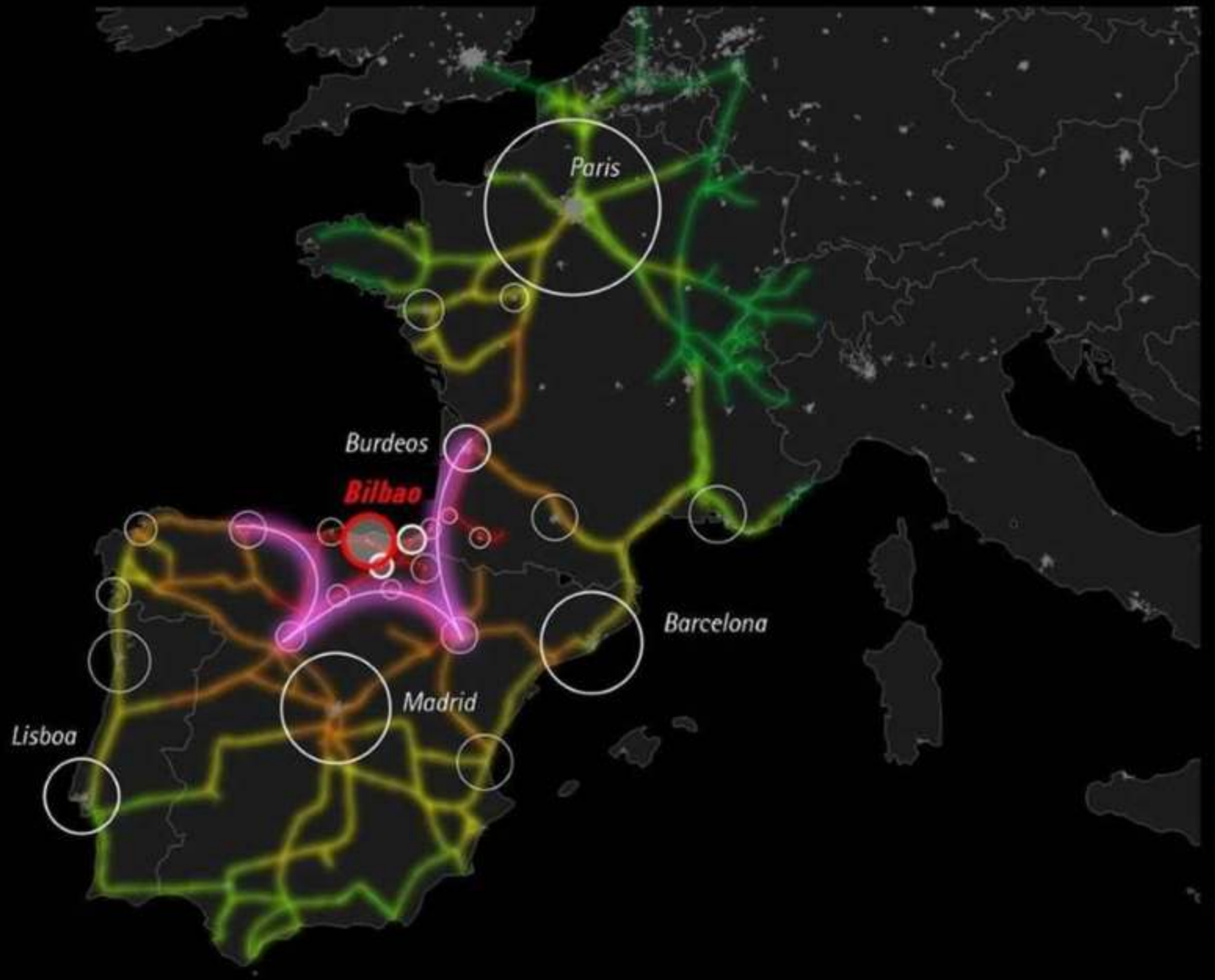


Regiones Europeas
Nueva Visión

Oportunidades de articulación regional
Protagonismo Europeo



EUSKAL HIRIA PLUS



Alta Velocidad

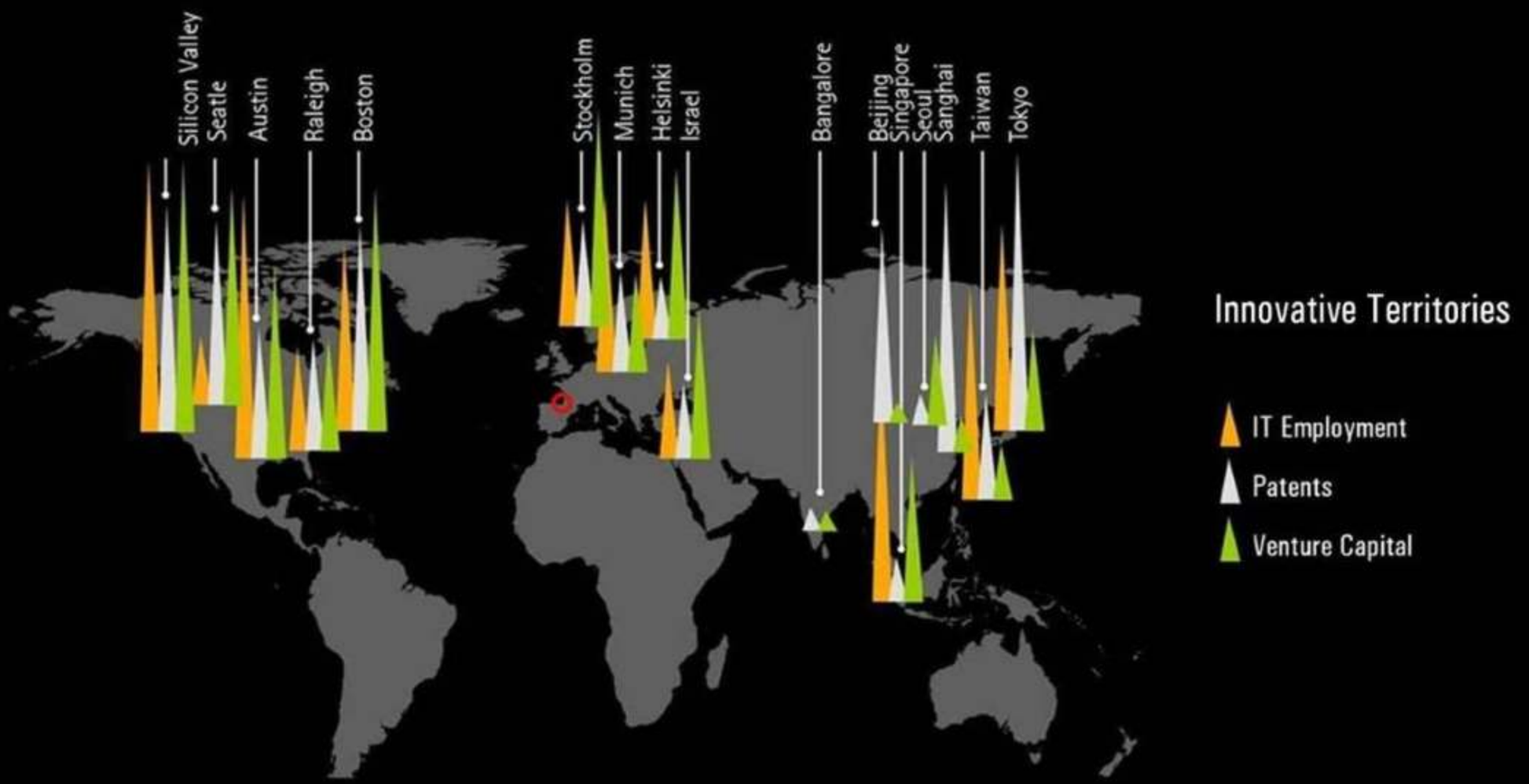
Tiempo de recorrido en TAV desde Bilbao:

Madrid:	2 h 10 min
Burdeos:	2 h 18 min
Paris:	5 h 47 min

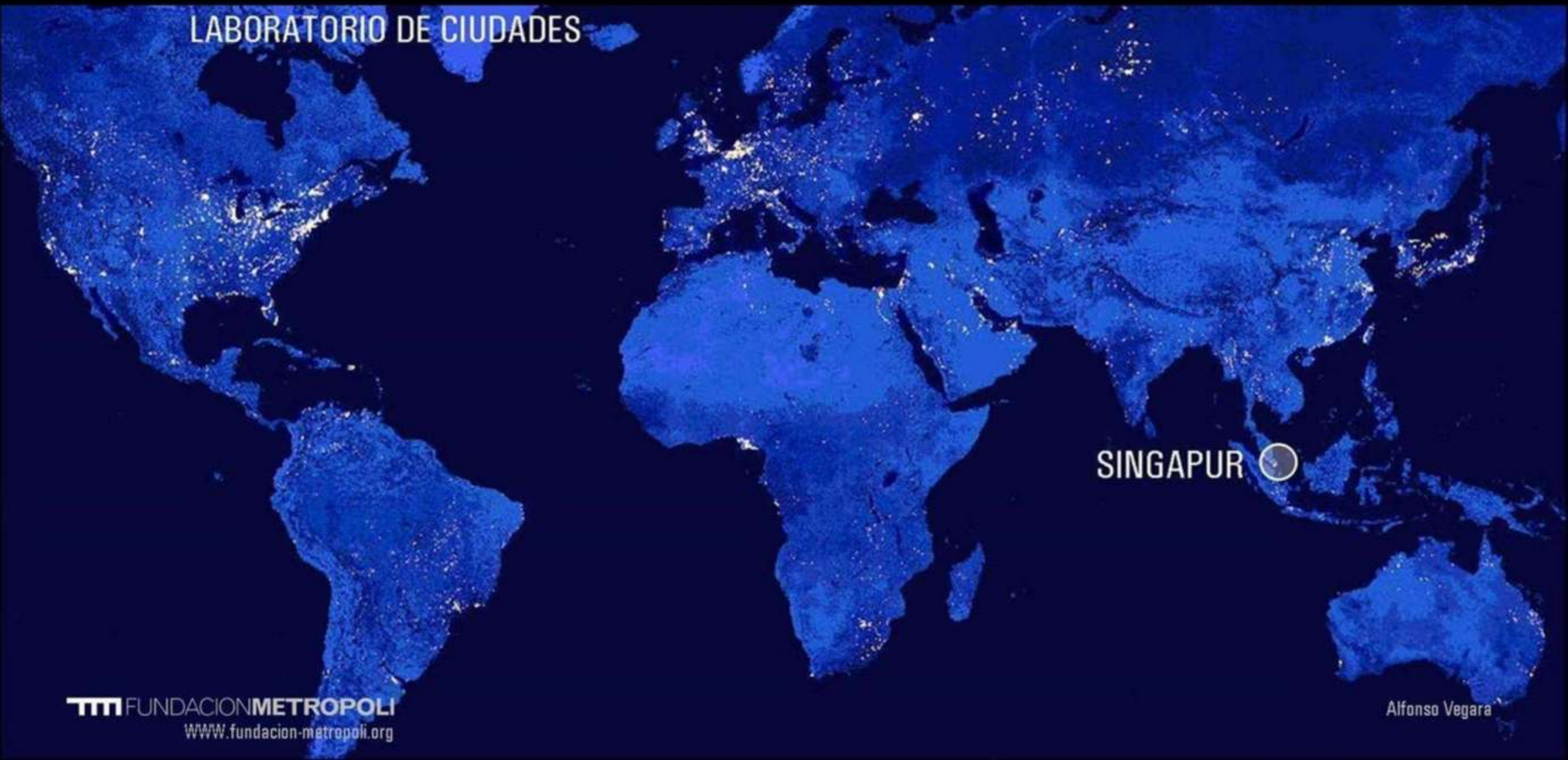
Tiempo de recorrido

- 1h
- 2h
- 3h
- 4h
- 5h

Fuente: Ministerio de Fomento



Cities as Ecosystems of Innovation


LABORATORIO DE CIUDADES
SINGAPUR
FUNDACIONMETROPOLI
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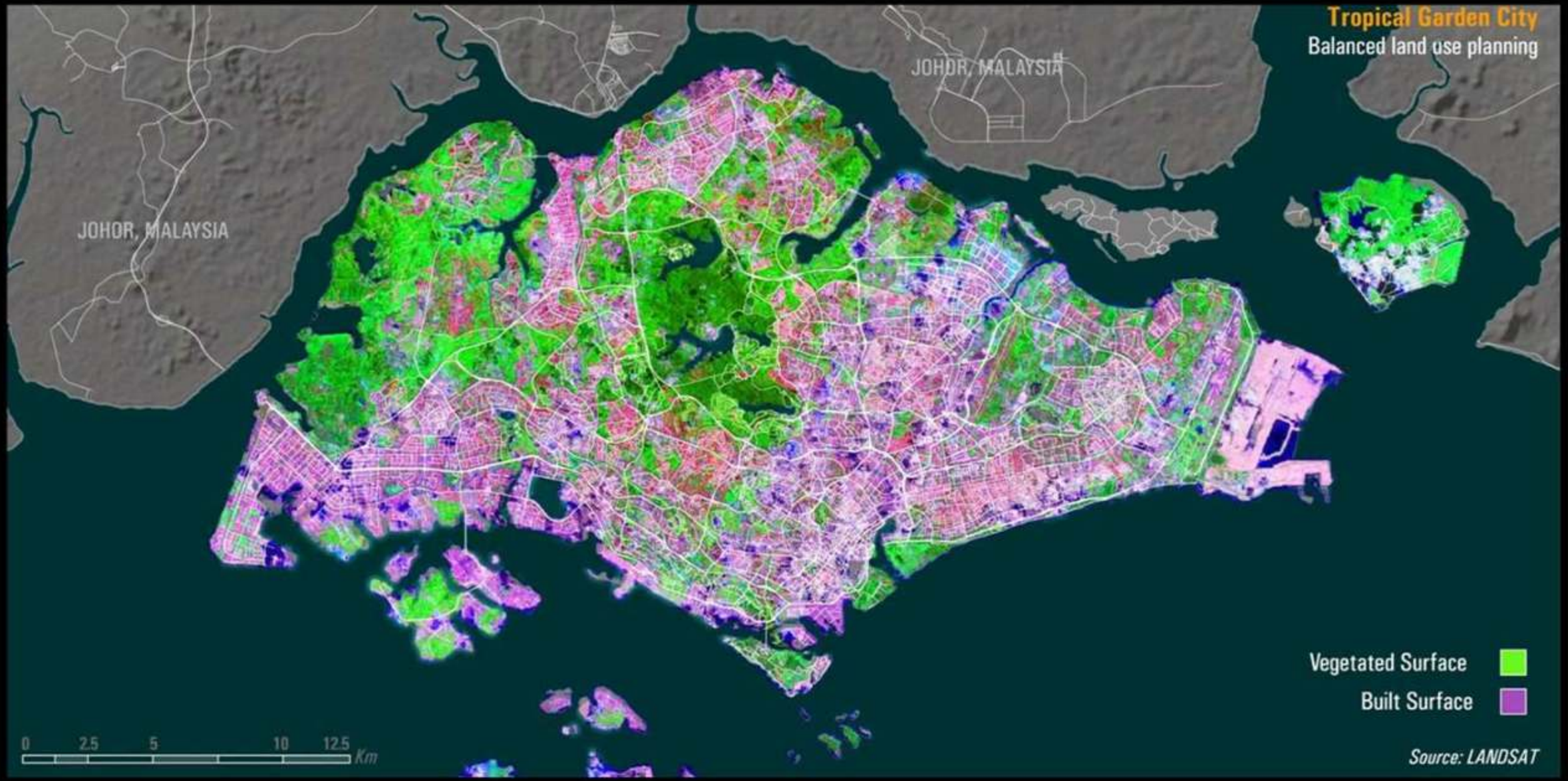
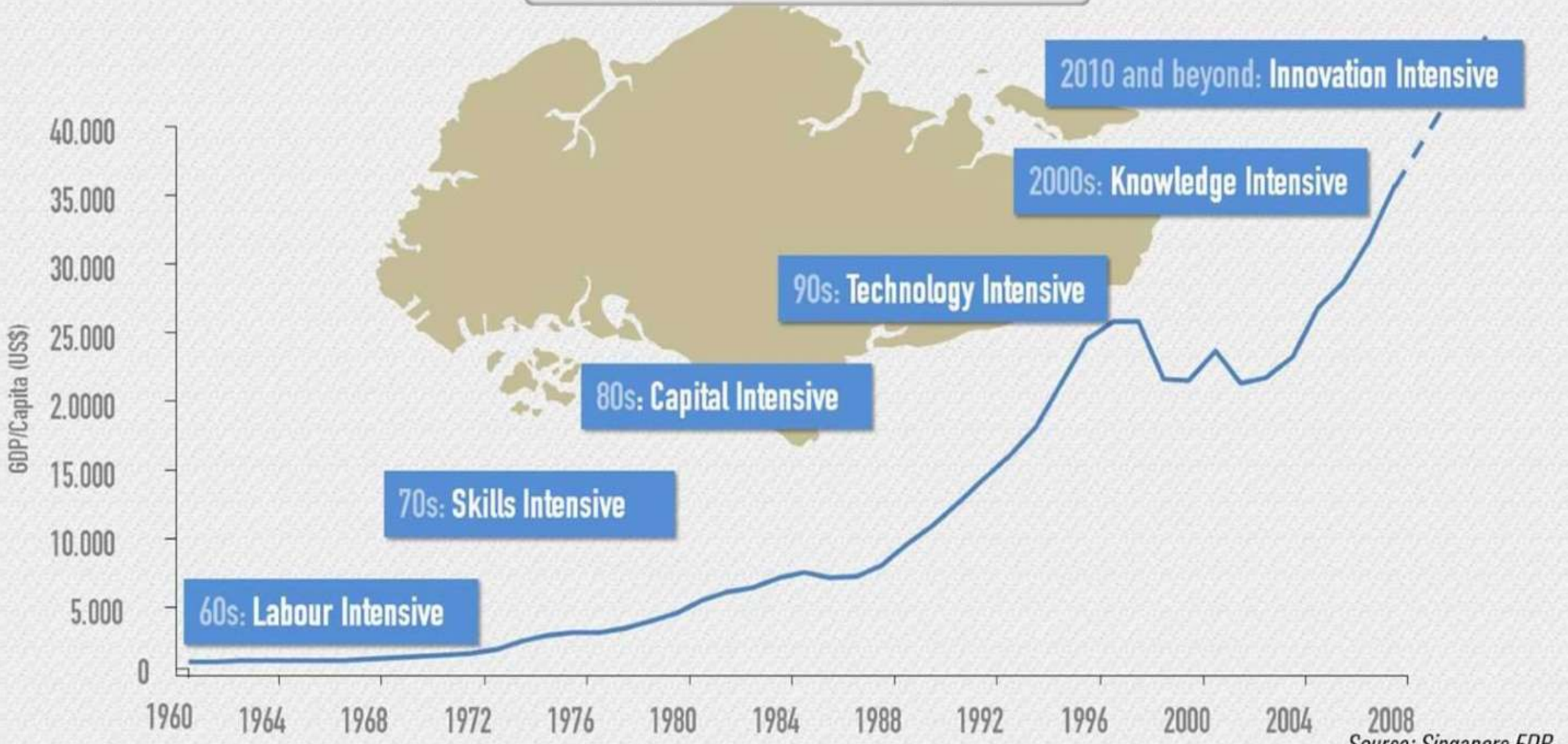

Tropical Garden City
Balanced land use planning
JOHOR, MALAYSIA
JOHOR, MALAYSIA
Vegetated Surface
Built Surface
0 2.5 5 10 12.5 Km
Source: LANDSAT

Singapore

Singapur Living Lab

Singapore has come a long way

GDP per capita ↑ 80x in 47 years



Source: Singapore EDB

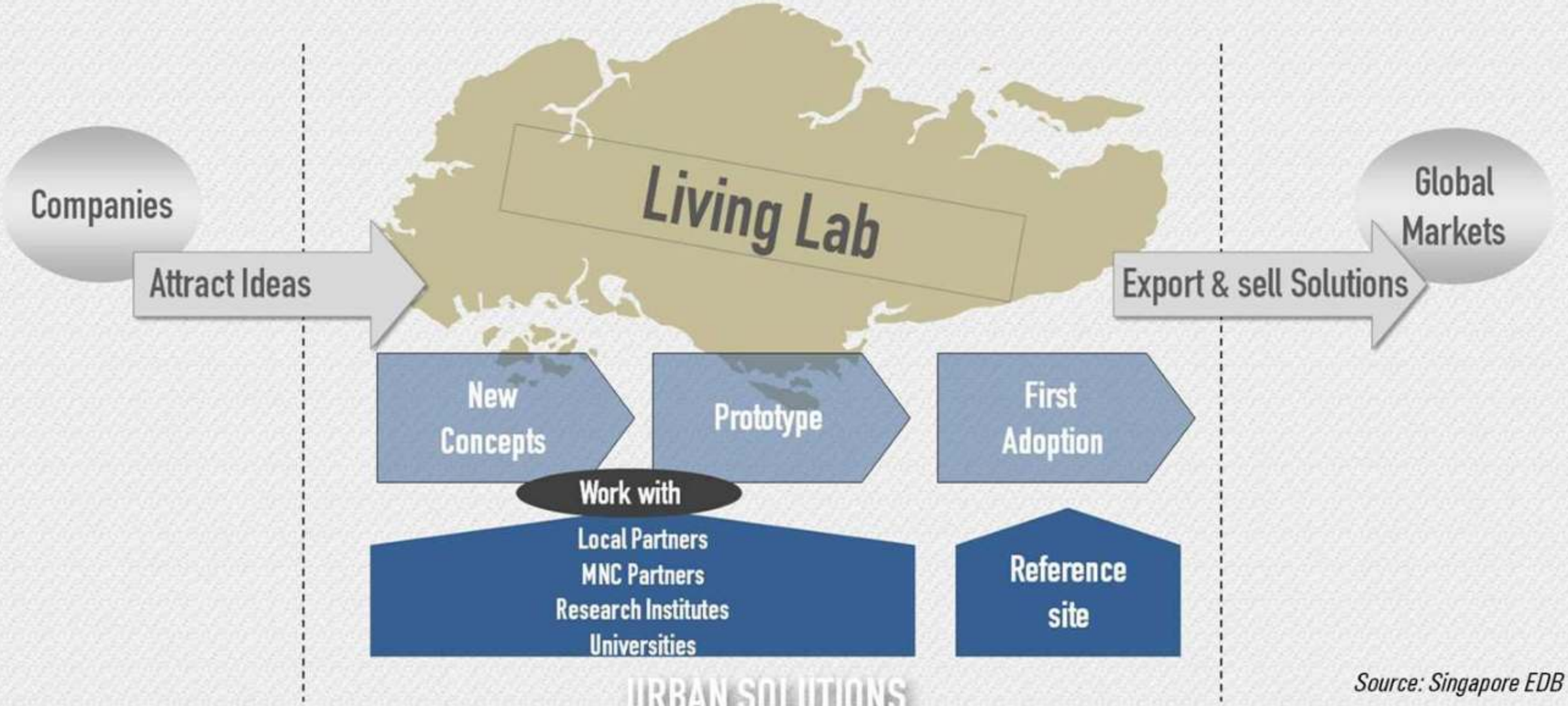
TERRITORIOS INTELIGENTES

SINGAPUR – ONE NORTH

Singapur Living Lab

Beyond R&D. A Living Laboratory

Ideas To Solutions, Solutions to Business



Source: Singapore EDB

SINGAPORE

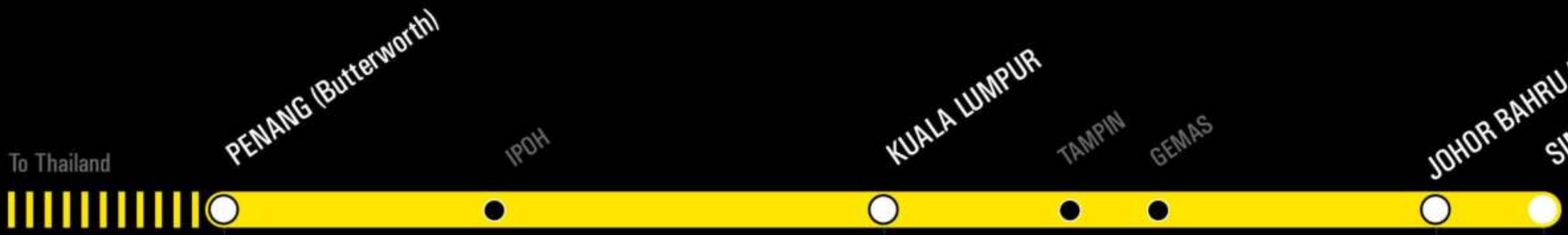
Soluciones Urbanas

Algunas ciudades ya se están posicionando en este escenario:

Singapore que presenta los mejores indicadores de sostenibilidad de Asia, ha planteado el sector de "Soluciones Urbanas" como la principal prioridad de su economía para los próximos años, utilizando la ciudad como laboratorio y desarrollando «start ups» para la creación de nuevas ciudades en el exterior.

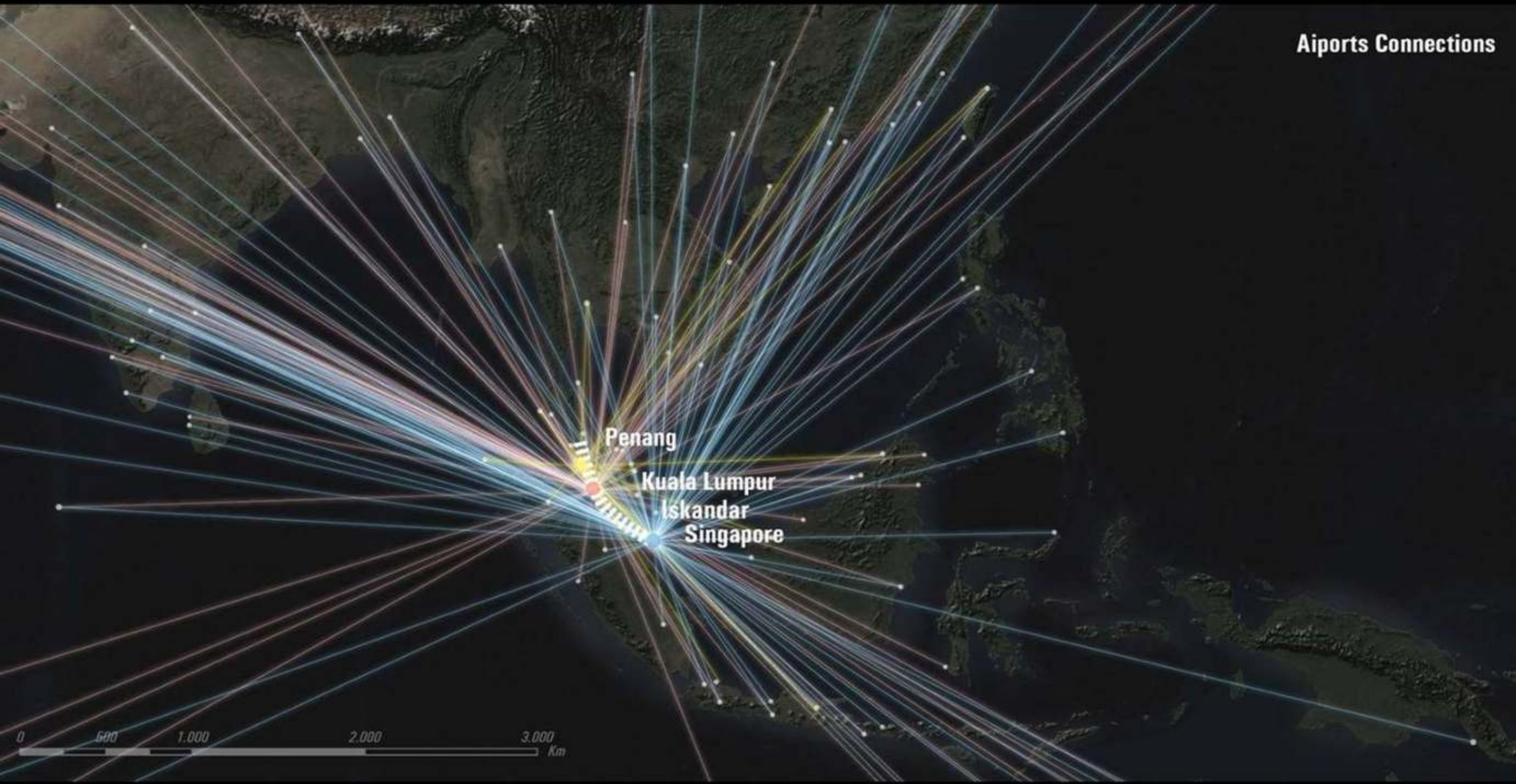
Population by Metropolitan Area
OVER 16 MILLION PEOPLE
IN THE MALACCA STRAITS
DIAGONAL
Alor Setar
PENANG
1,520,143
Kuala Terengganu
Taiping
Ipoh
608,100
Lumut
Teluk Intan
Chukai
Kuantan
Medan
2,109,333
Temerloh
KUALA LUMPUR
6,362,586
Pekan
Seremban
832,600
Melaka
395,500
SINGAPORE
5,100,000
ISKANDAR
1,591,912
Batam
5,000,000
1,000,000
500,000
0
50
100
200
300
400
Kilometers

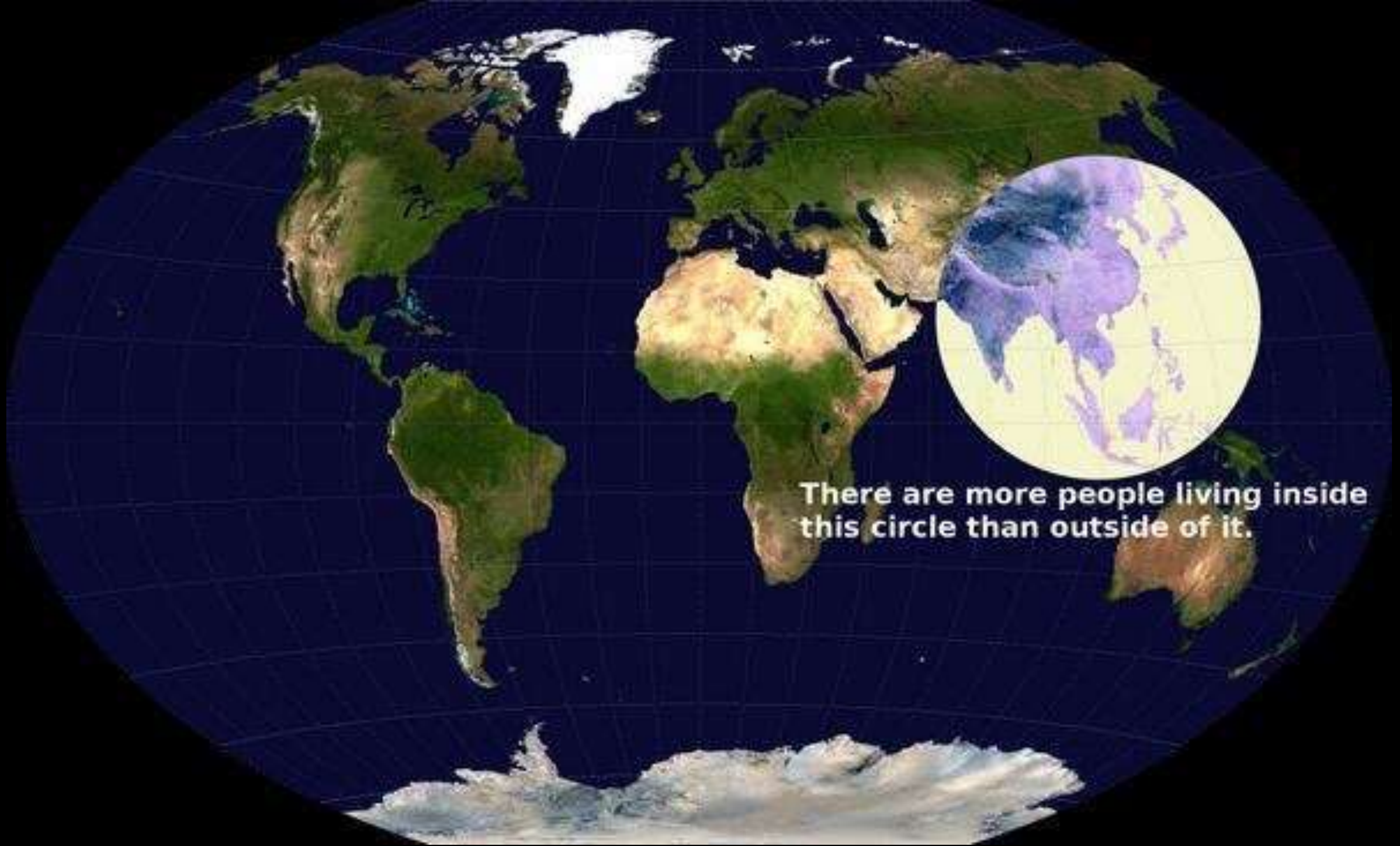
Rail Distance + Travel Times



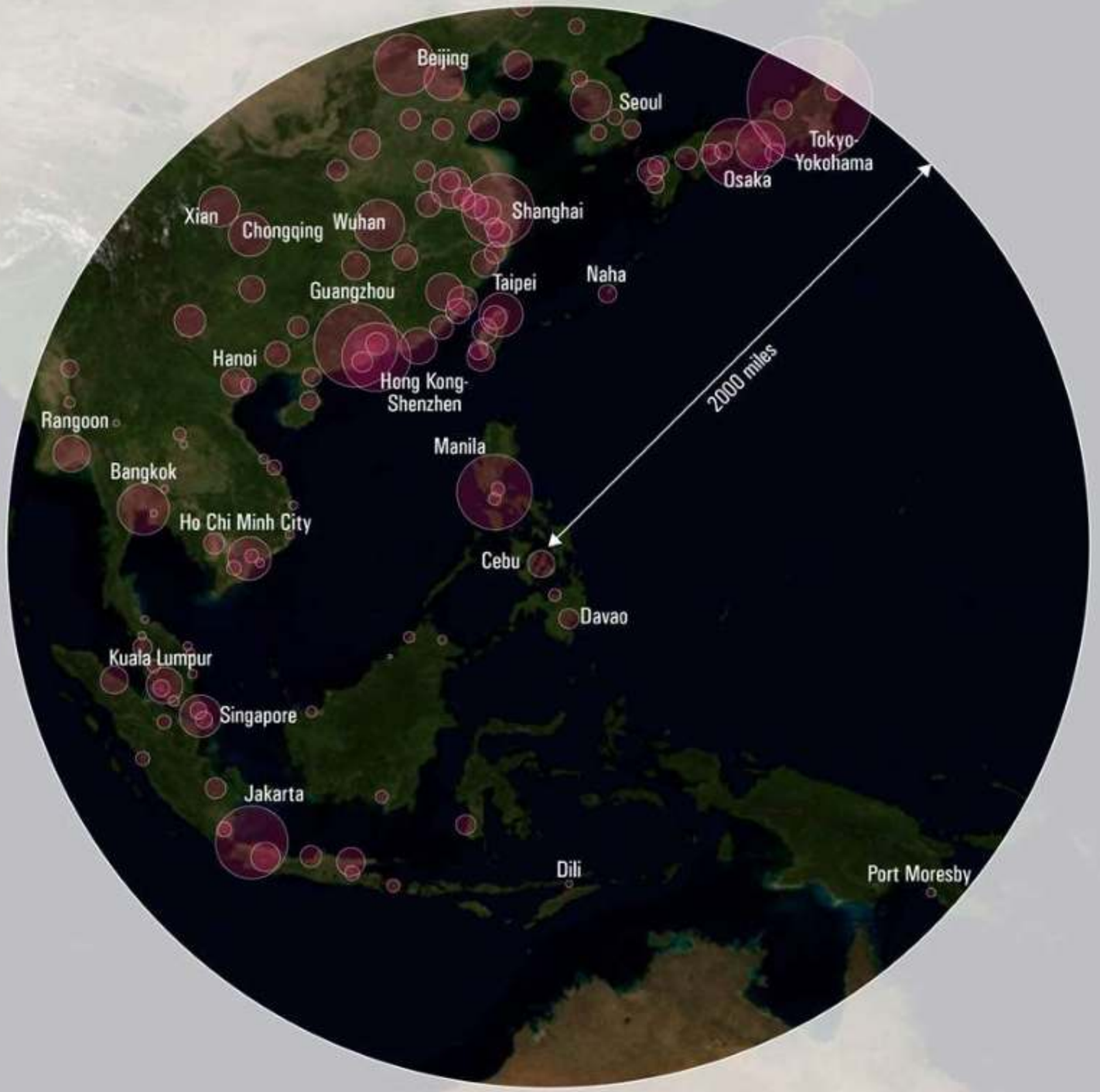
	306 Km	250 Km	50 Km
Existing Express Rail	6 Hr. 06 Min.	5 Hr. 56 Min.	23 Min.
High Speed Rail (250-300 km/hr)	1 Hr. 20 Min.	1 Hr. 00 Min.	

Source: http://www.ktmb.com.my/, http://www.seat61.com


Aiports Connections
Penang
Kuala Lumpur
Iskandar
Singapore
0
600
1.000
2.000
3.000
Km


There are more people living inside
this circle than outside of it.

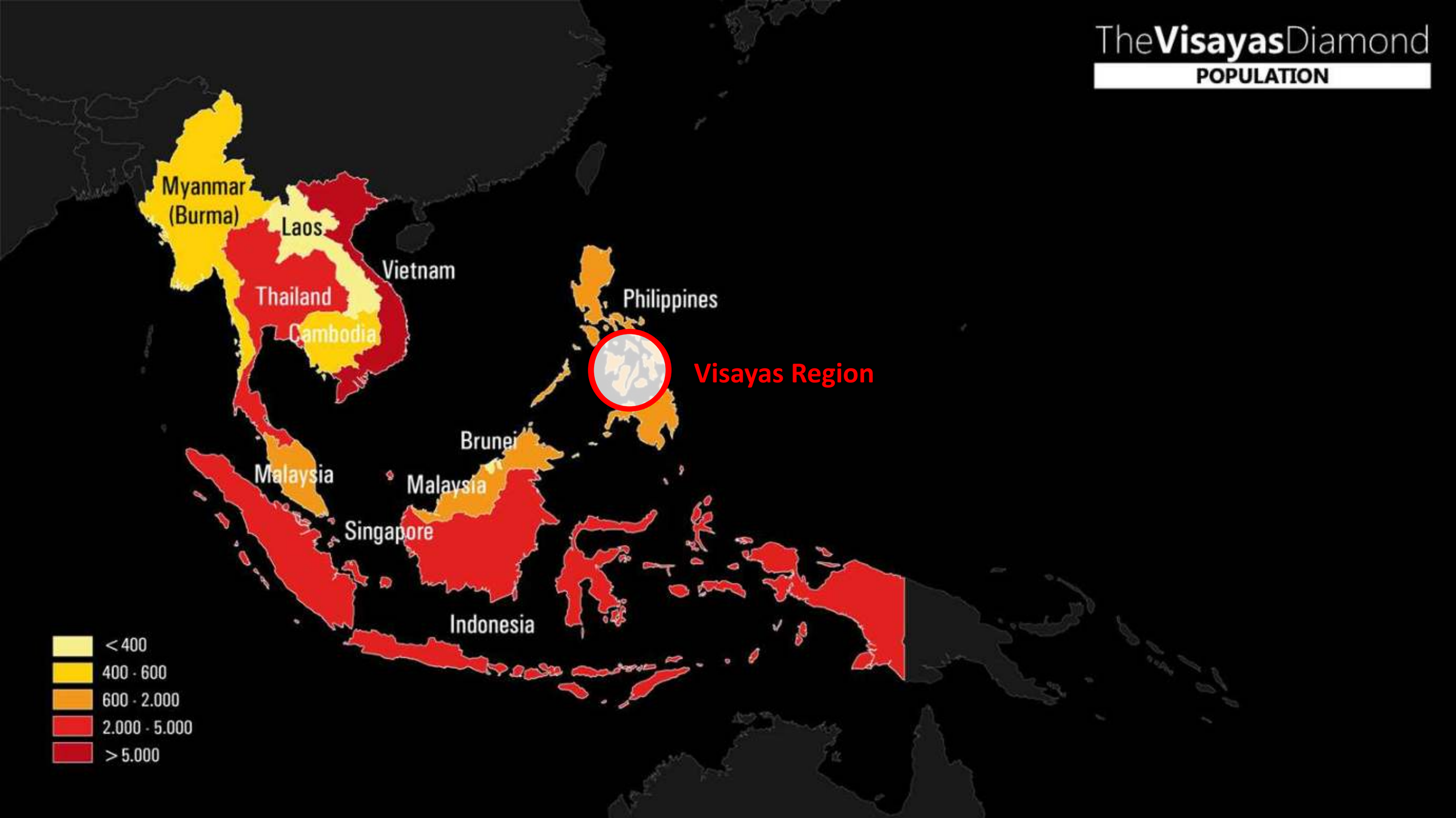
There are 2 billion people living within this 2000 mile radius circle.


Beijing
Seoul
Tokyo-
Yokohama
Osaka
Xian
Chongqing
Wuhan
Shanghai
Taipei
Naha
Guangzhou
Hanoi
Hong Kong-
Shenzhen
2000 miles
Rangoon
Manila
Bangkok
Ho Chi Minh City
Cebu
Davao
Kuala Lumpur
Singapore
Jakarta
Dili
Port Moresby

30% of the world's population live within 3% of the earth's surface.

TheVisayasDiamond

POPULATION



TheVisayasDiamond
South China Sea
Tacloban
Palo
Tanauan
Ormoc
Victorias
Silay
Talisay
Iloilo
Bacolod
Danao
Cebu
Argao
Kabankalan
Tagbilaran
Dumaguete
0 km
100 km
200 km

TheVisayasDiamond
Kalibo
Catbalogan
Tacloban
Salcedo
Palo
Tanauan
Balangiga
Guiuan
South China Sea
Silay
Victorias
Talisay
Ormoc
San José
Iloilo
Bacolod
Danao
Cebu
Argao
Kabankalan
Tagbilaran
Dumaguete
0 km
100 km
200 km