

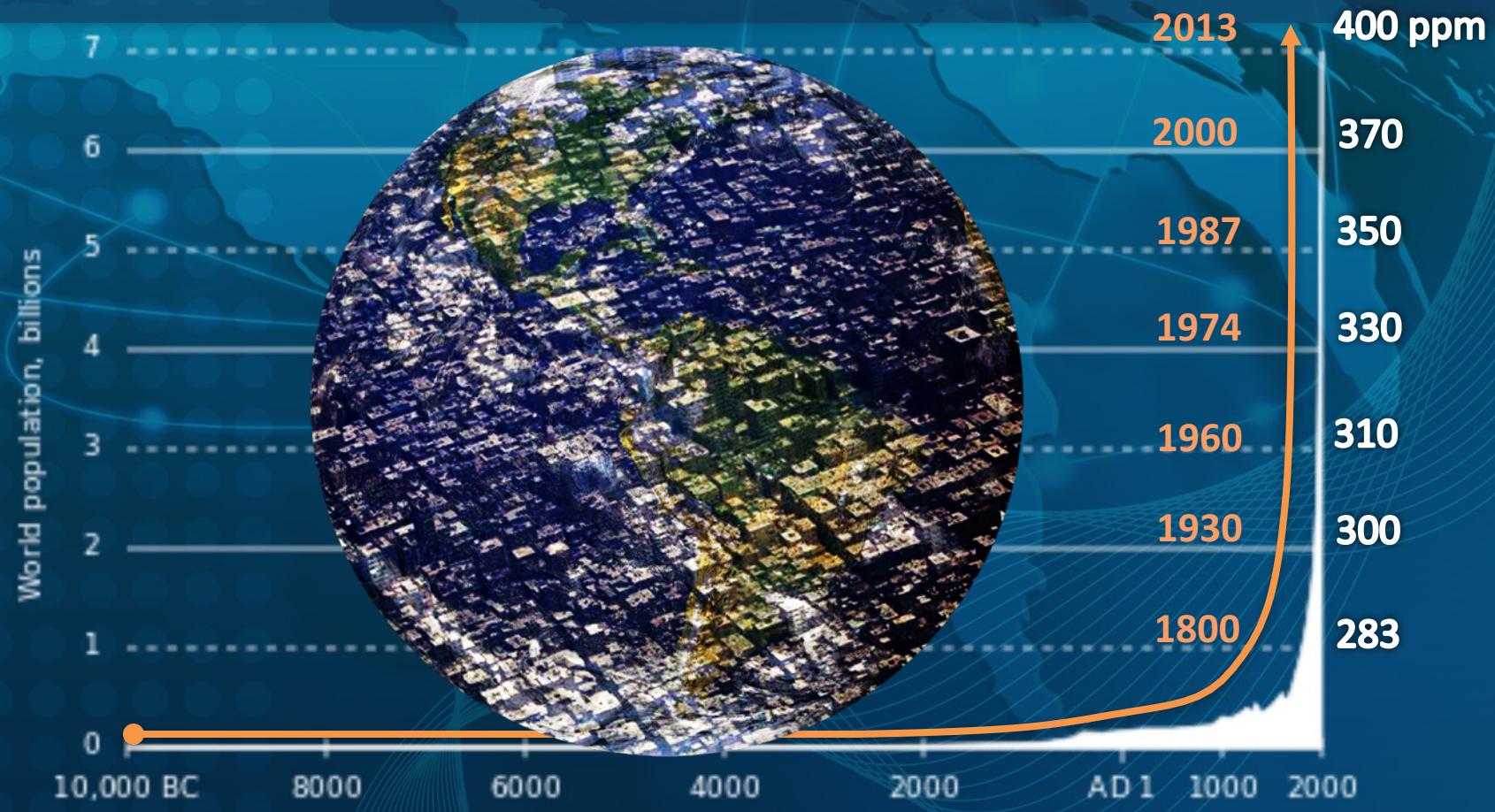
France Urbaine

Les défis urbains au XXIème siècle

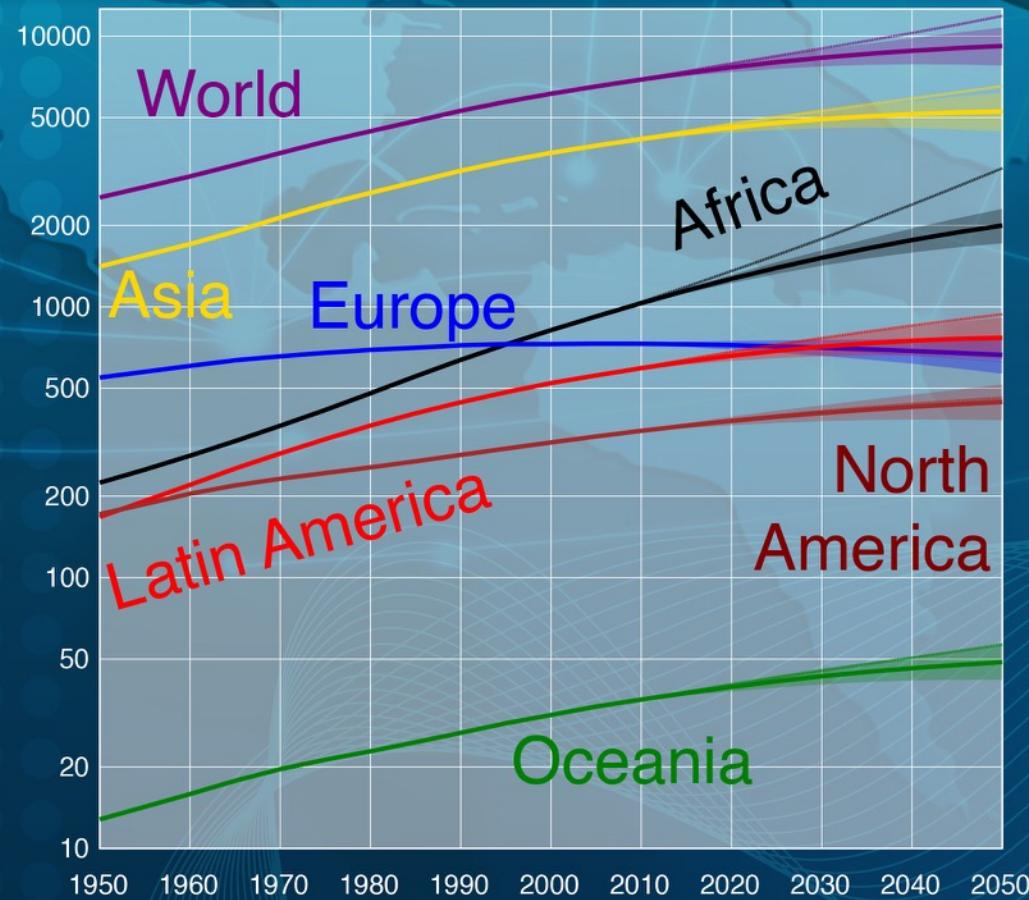
24 Mars 2017

Pr Carlos Moreno
Président du Comité Scientifique du Forum « Live in a Living City »

UN MONDE QUI CHANGE



1950 - 2050



UN MONDE QUI CHANGE

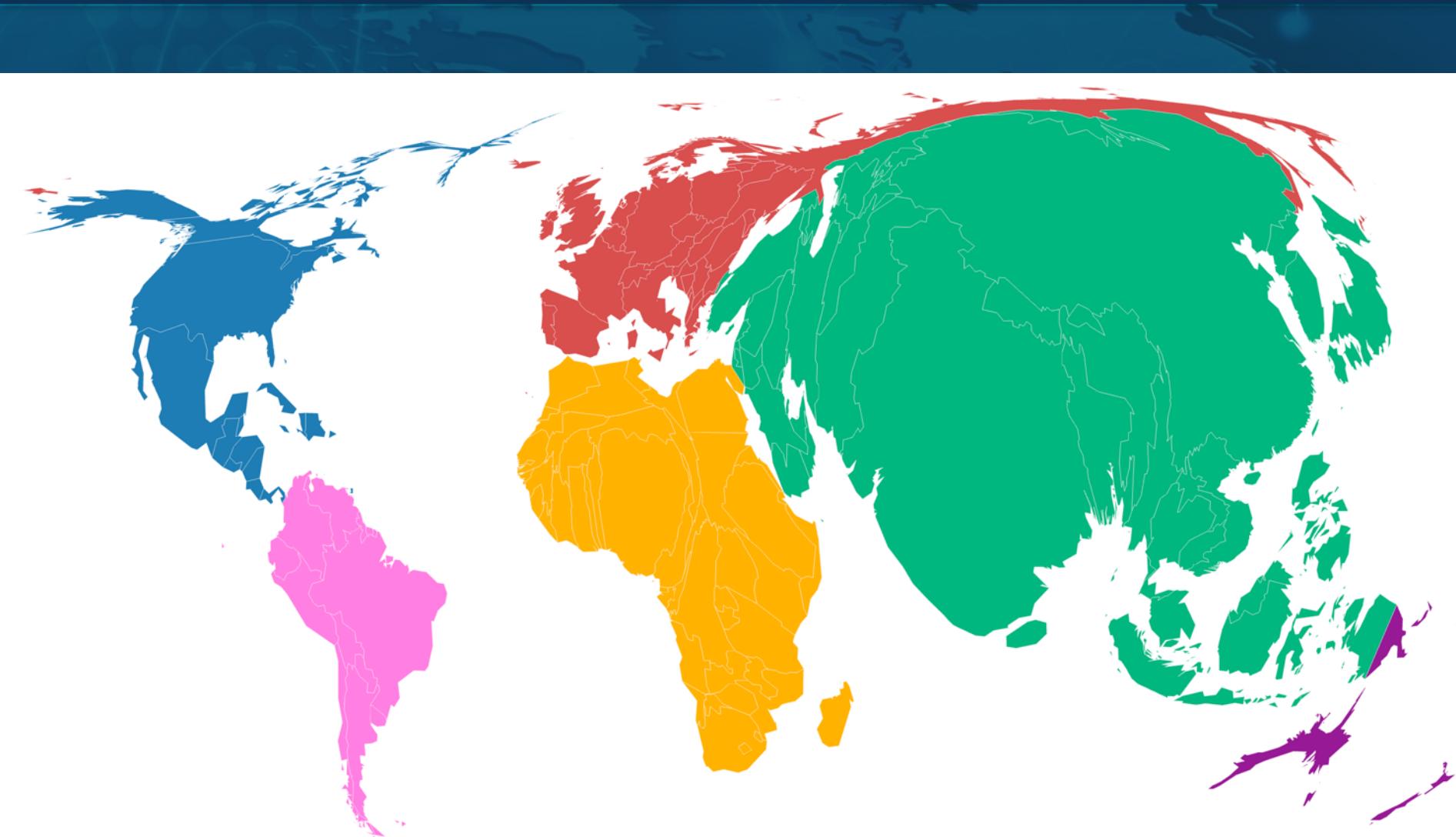


Plus de monde habite à l'intérieur de ce cercle qu'à l'extérieur

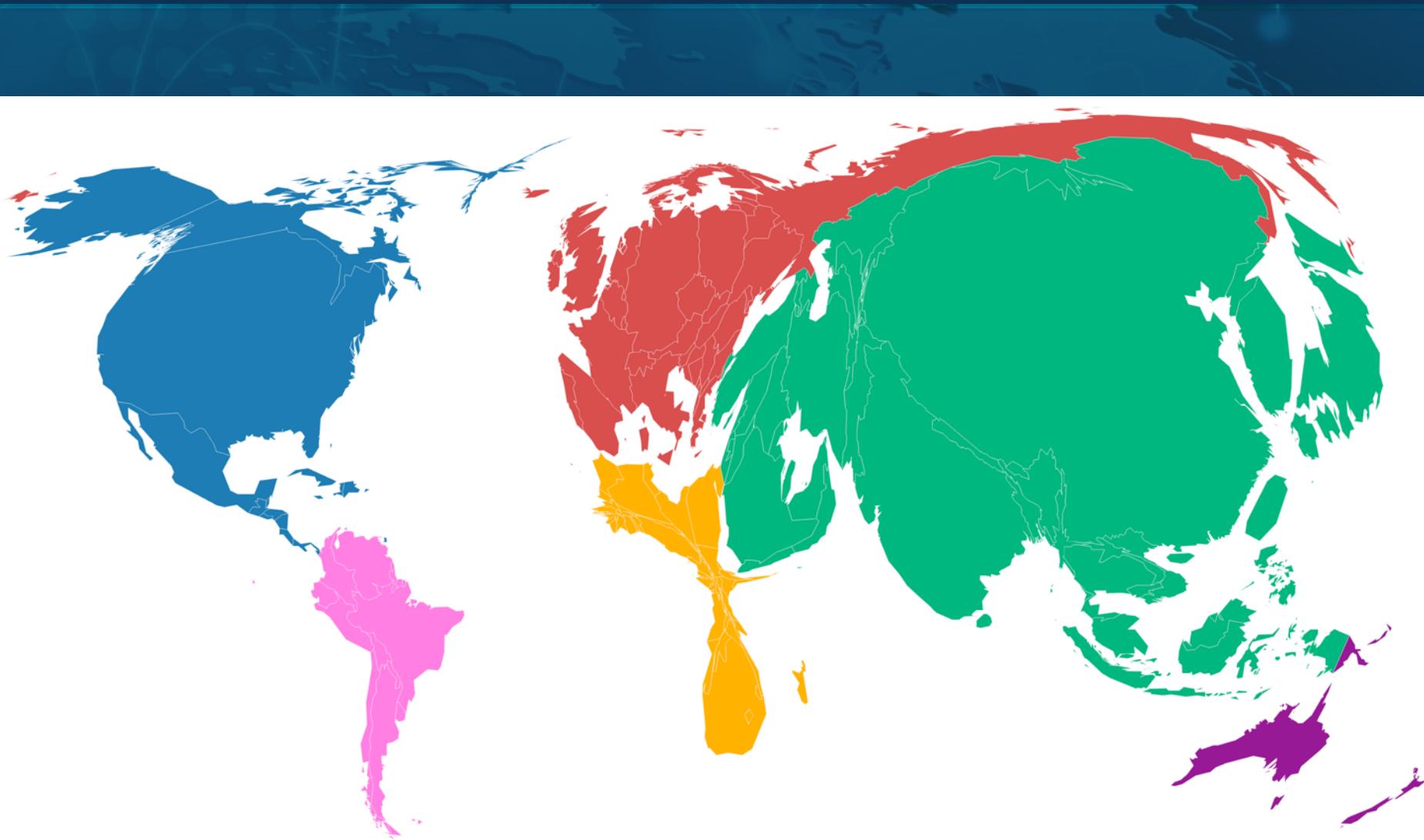
UN MONDE QUI CHANGE



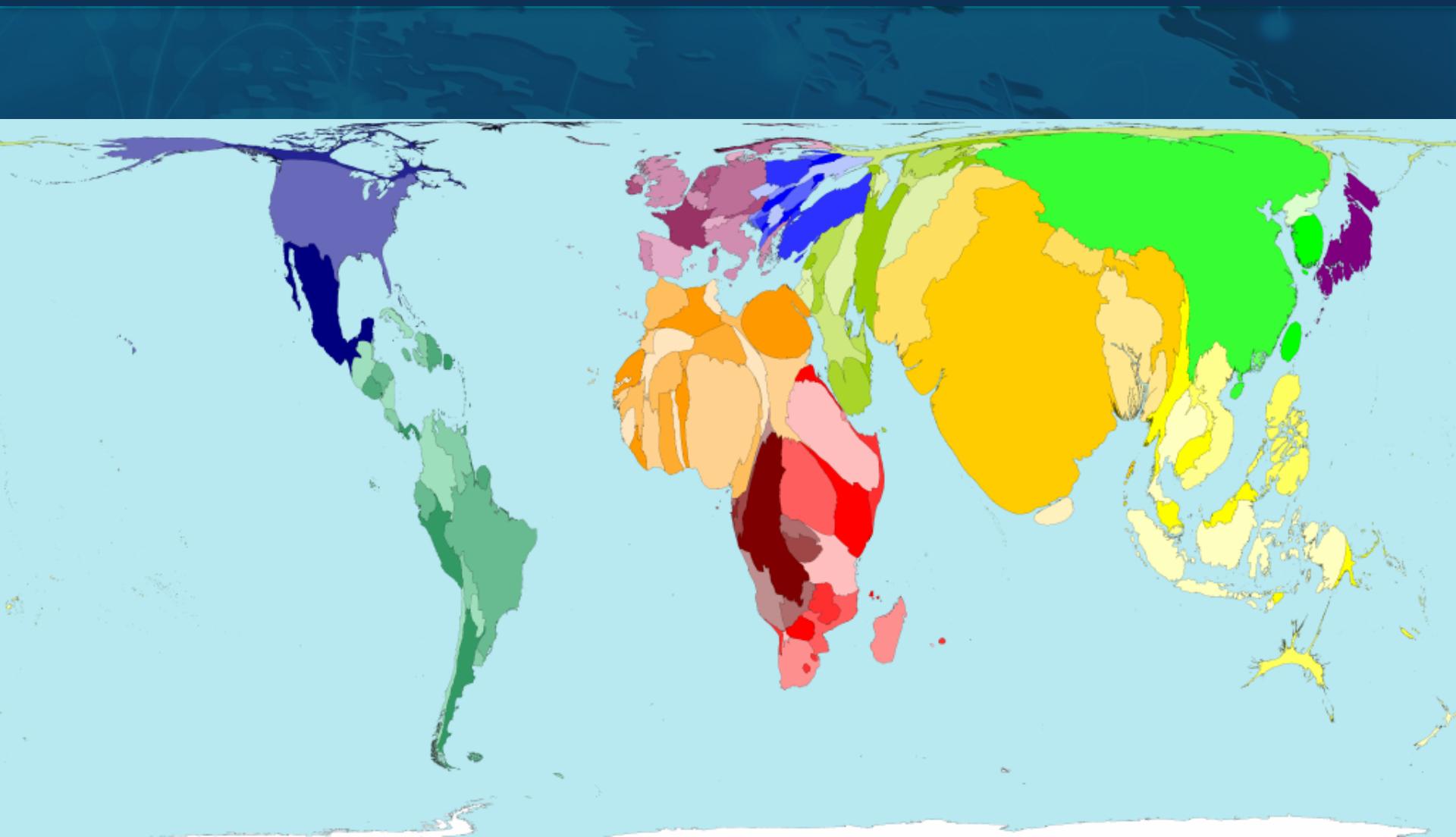
POPULATION MONDIALE AUJOURD'HUI



CO₂



POPULATION 2050



XXIÈME SIÈCLE : VIE URBAINE ET UBIQUITÉ...



2030, 750 MÉTROPOLES = 60% PIB MONDIAL



2015, 139 VILLES = 44% PIB EUROPÉEN





PIB NEW YORK = PIB AUSTRALIE

PIB LOS ANGELES = PIB NETHERLANDS

PIB CHICAGO = PIB SWITZERLAND

PIB SEATTLE = PIB ISRAËL

PIB TEL AVIV = +54% PIB ISRAËL

PIB PARIS - ILE DE FRANCE > PIB ARGENTINA

Rang	Ville	Population habitants (année)		
1	Tokyo	37 730 064 (2014)		
2	Karachi	24 475 231 (2014)		
3	Manille	24 197 302 (2014)		
4	Shanghai	24 150 000 (2014)		
5	New York			2 900 (2014)
6	Lagos			5 689 (2014)
7	Séoul			
8	Mumbai			403 (2014)
9	Delhi			337 (2014)
10	Beijing			141 (2014)
11	Mexico	20 879 830 (2014)		281 (2013)
12	São Paulo	20 853 705 (2014)		
13	Djakarta	20 553 458 (2013)		
14	Le Caire	20 439 541 (2014)		
75	Colombo		5 837 294 (2014)	
76	Belo Horizonte		5 737 729 (2014)	
77	Hangzhou		5 695 313 (2014)	
78	Xian		5 624 154 (2014)	
79	Pune		5 518 688 (2014)	
80	Shantou		5 391 028 (2014)	
81	Detroit		5 314 163 (2014)	
82	Rangoun		5 209 541 (2014)	
522	Querétaro		1 004 896 (2014)	
523	Nice		1 003 947 (2014)	
524	Kota		1 001 365 (2014)	
525	Marrakech		1 000 800 (2014)	

Vers des hyper métropoles à 50 millions d'habitants

DENSITÉ URBAINE



© Paul Kirby - LSE

@CarlosMorenoFr



By Thomas Pesquet ESA

@CarlosMorenoFr



LONDRES

Calais

Anvers

Lille-
Roubaix-
Tourcoing

Bruxelles

PARIS

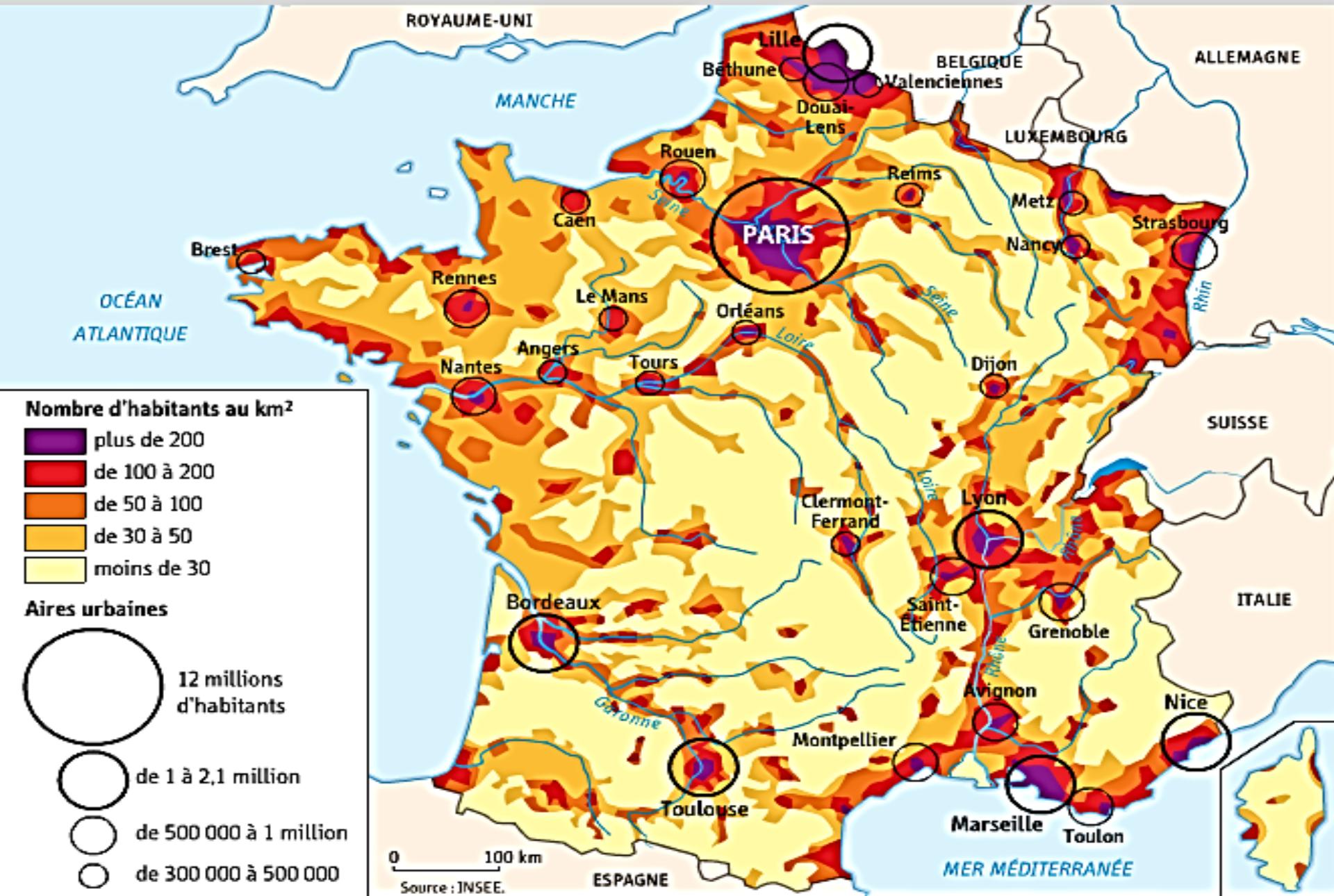
By Thomas Pesquet ESA

@CarlosMorenoFr



By Thomas Pesquet ESA

@CarlosMorenoFr



DENSITÉ URBAINE FRANCE ALLEMAGNE

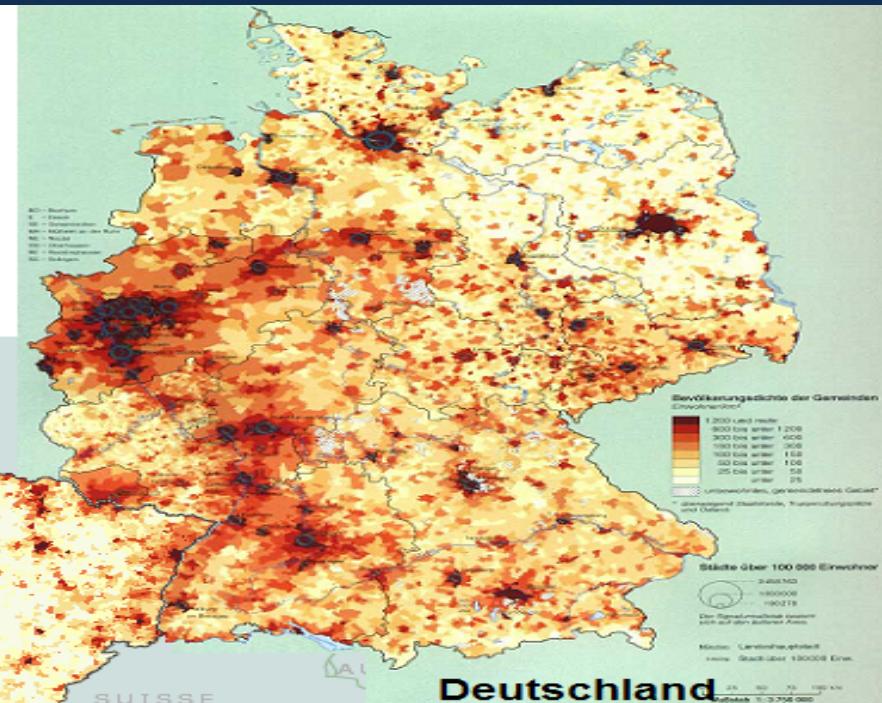
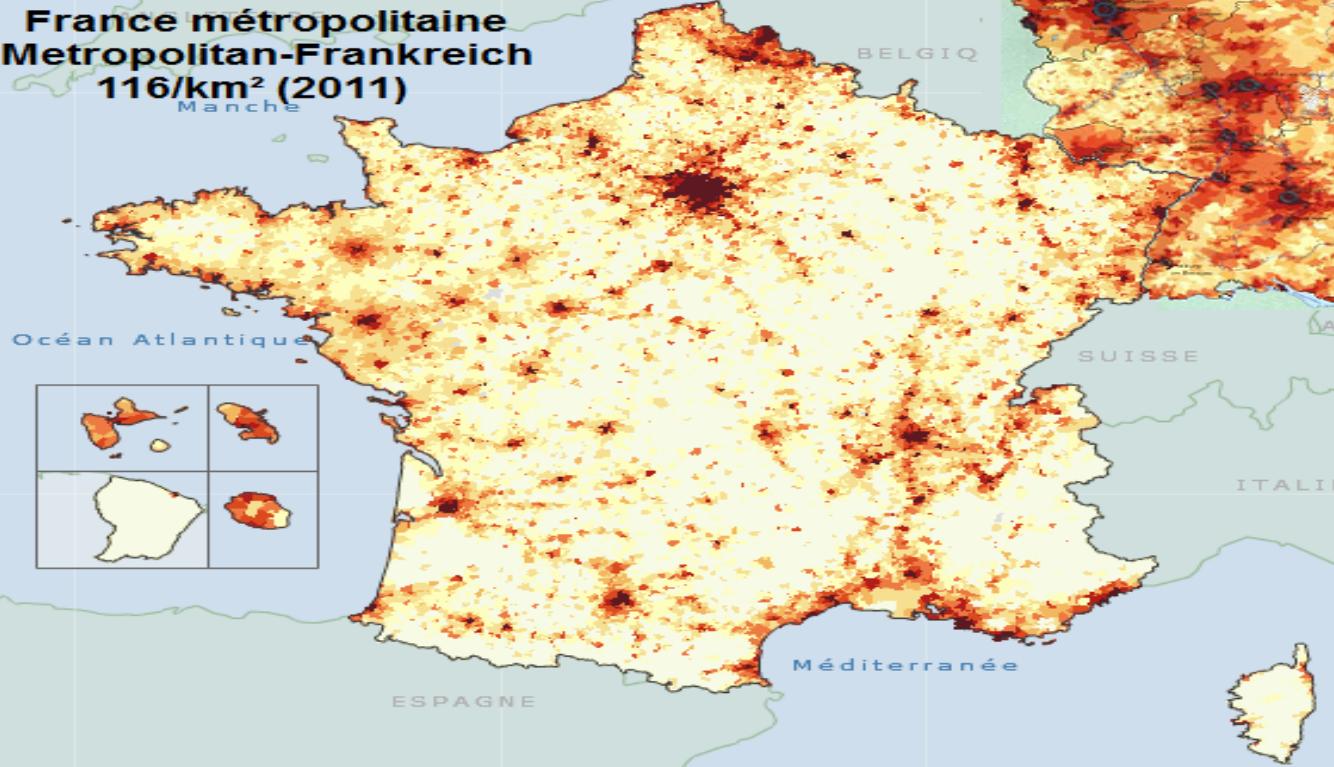
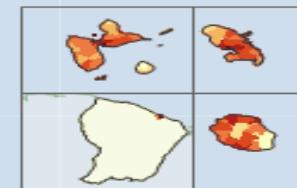
Densité de population Bevölkerungsdichte

(hbts/km² - Einw./km²)

0 à/bis 25
25 à/bis 50
50 à/bis 100
100 à/bis 150

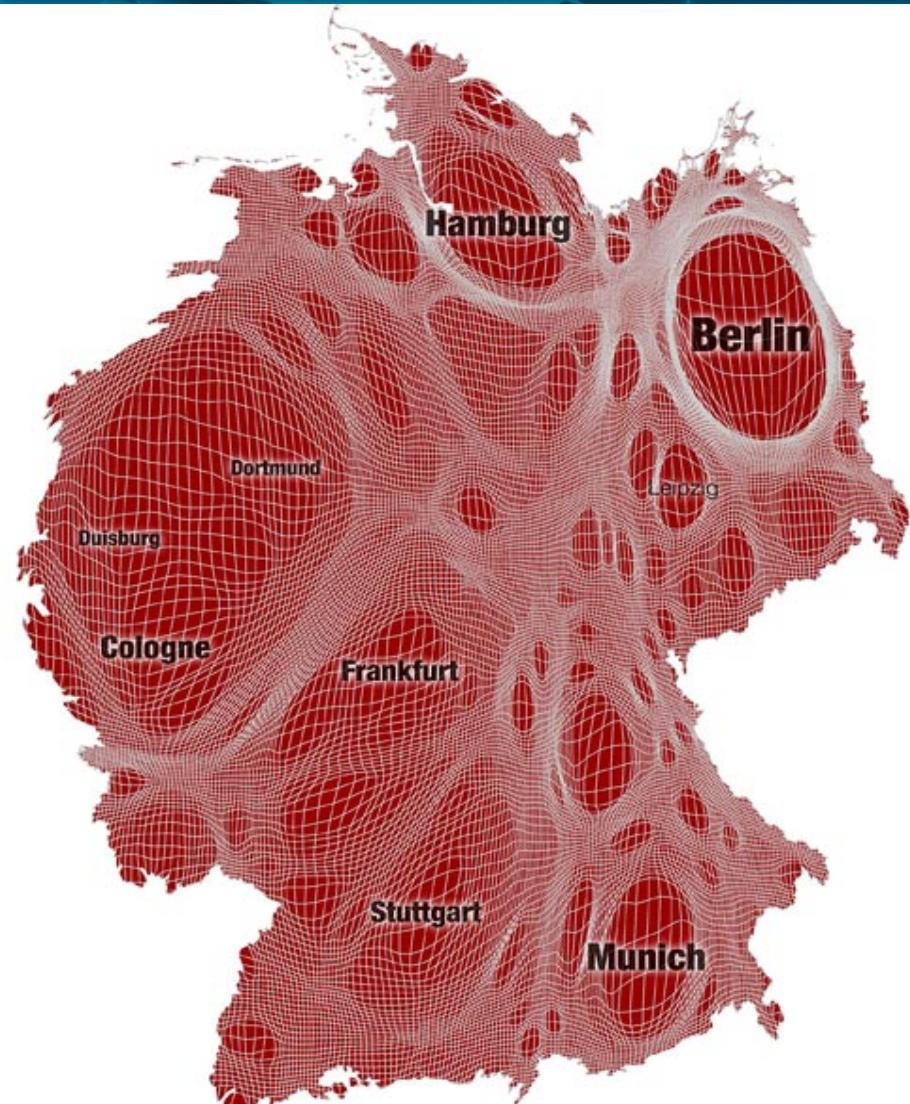
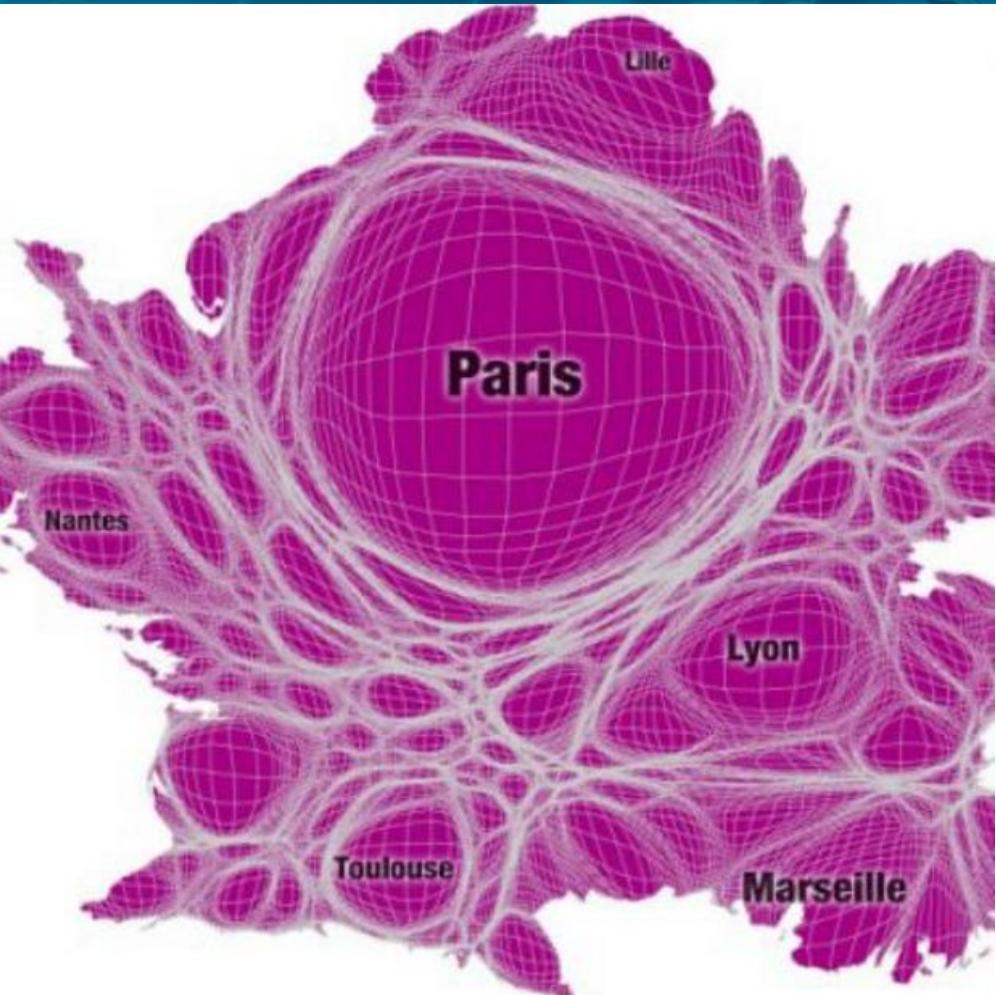
150 à/bis 300
300 à/bis 600
600 à/bis 1200
plus de/mehr als 1200

France métropolitaine
Metropolitan-Frankreich
116/km² (2011)



Deutschland
Allemagne
225/km² (2011)

DENSITÉ URBAINE FRANCE ALLEMAGNE

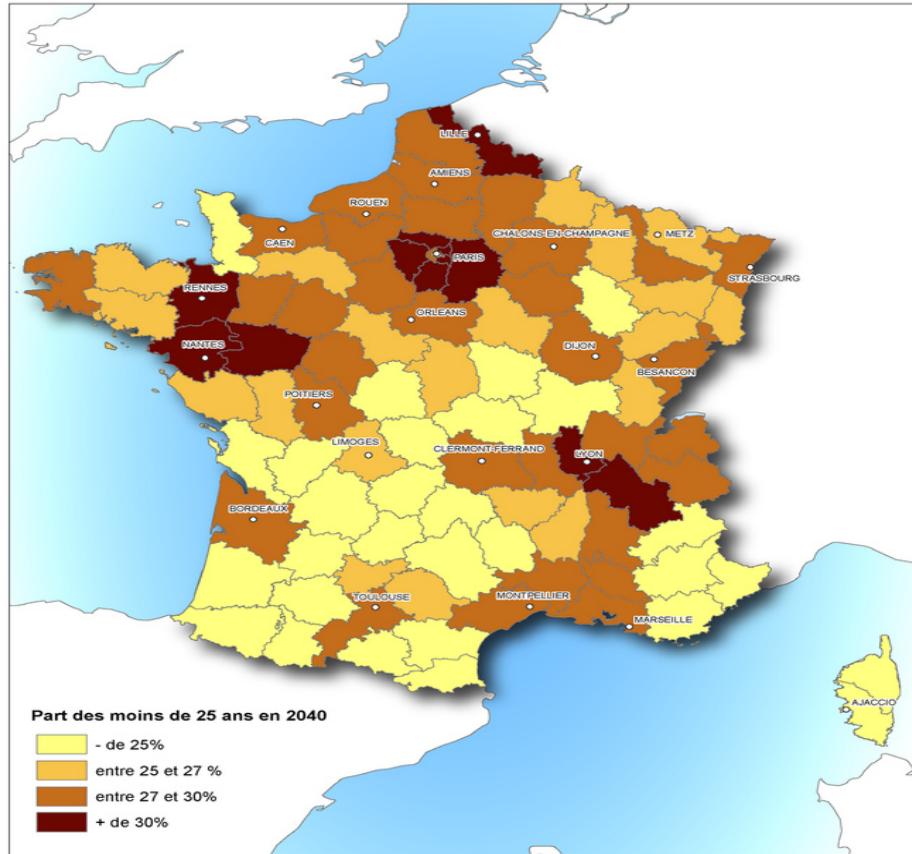


AGE DE LA POPULATION EN 2040



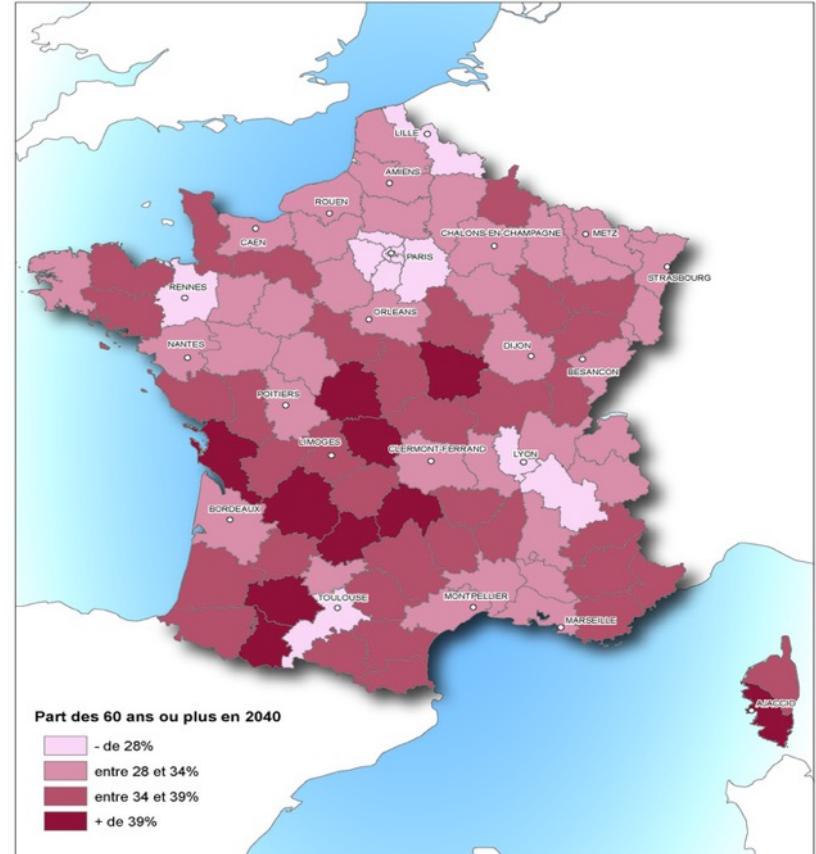
POPULATION

Population de moins de 25 ans projetée en 2040

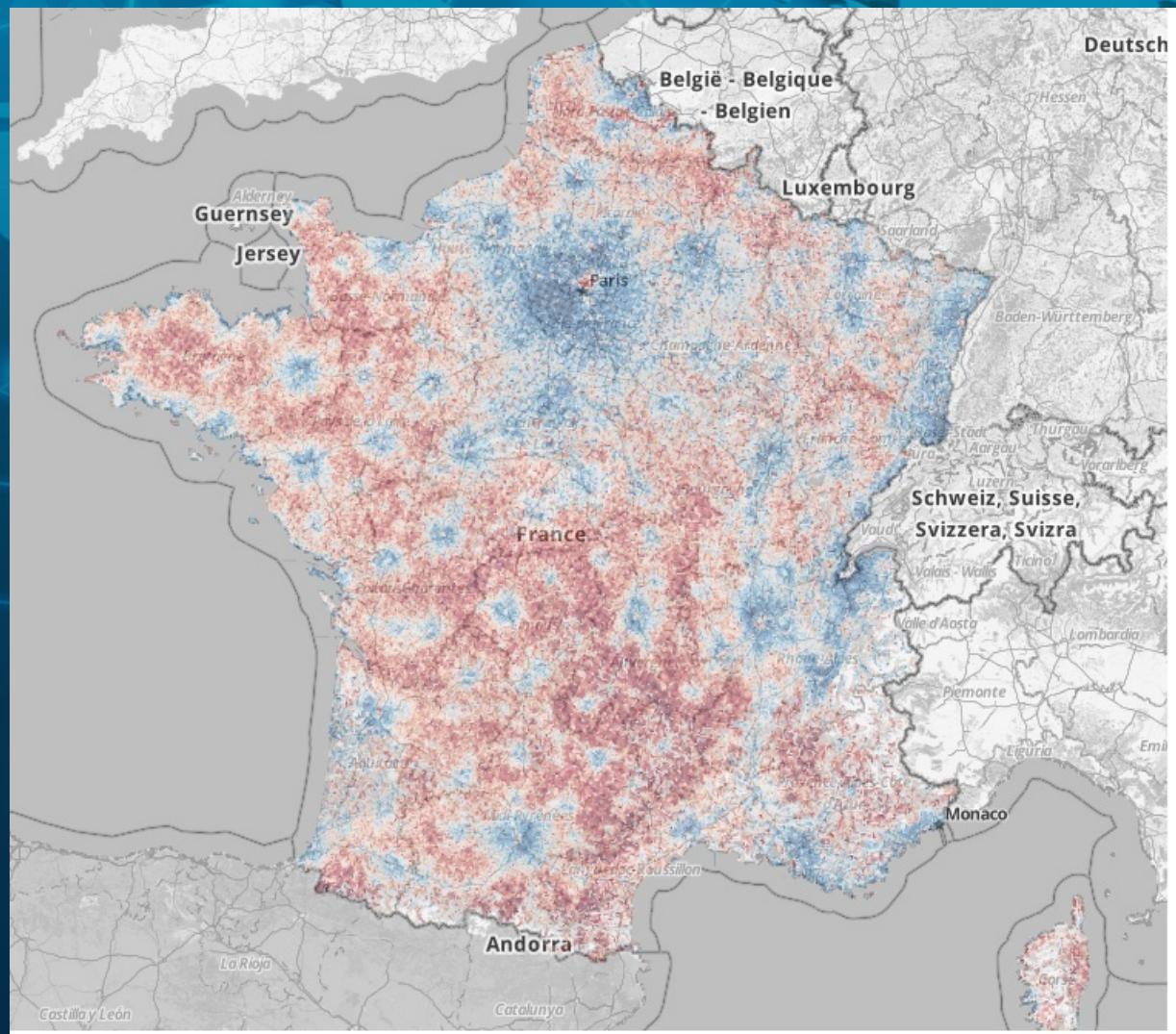


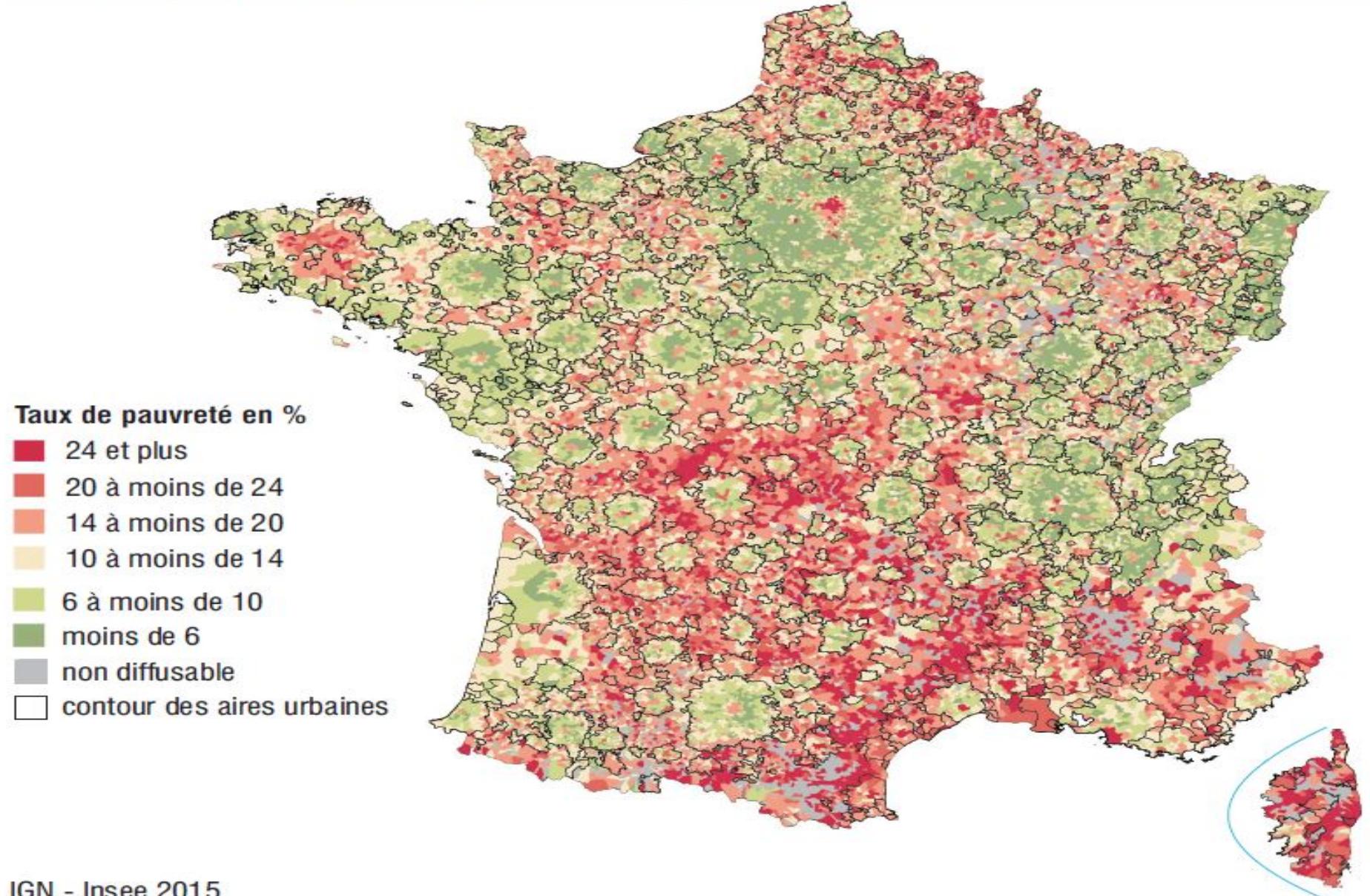
POPULATION

Population de plus de 60 ans projetée en 2040



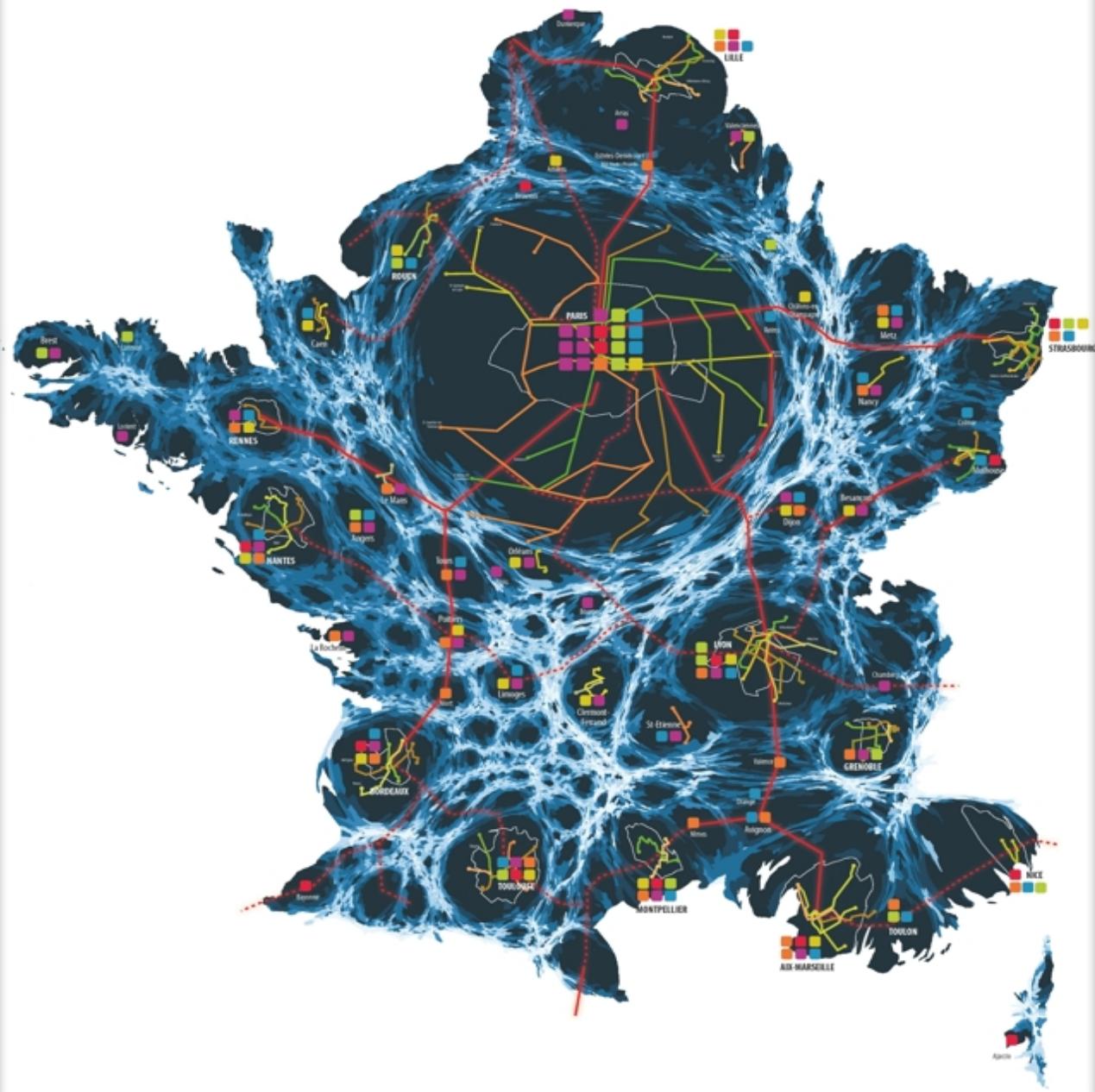
REVENUS



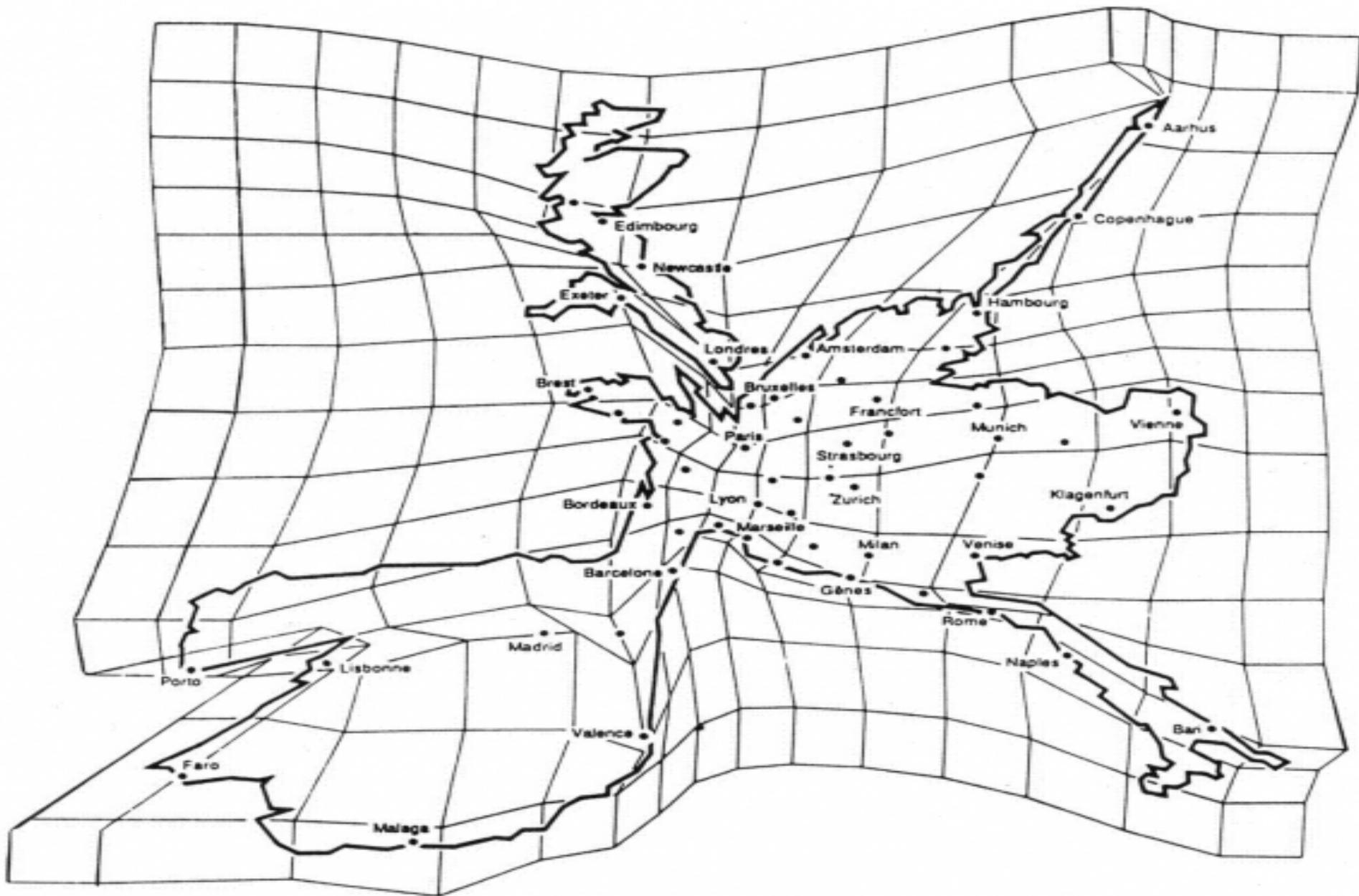


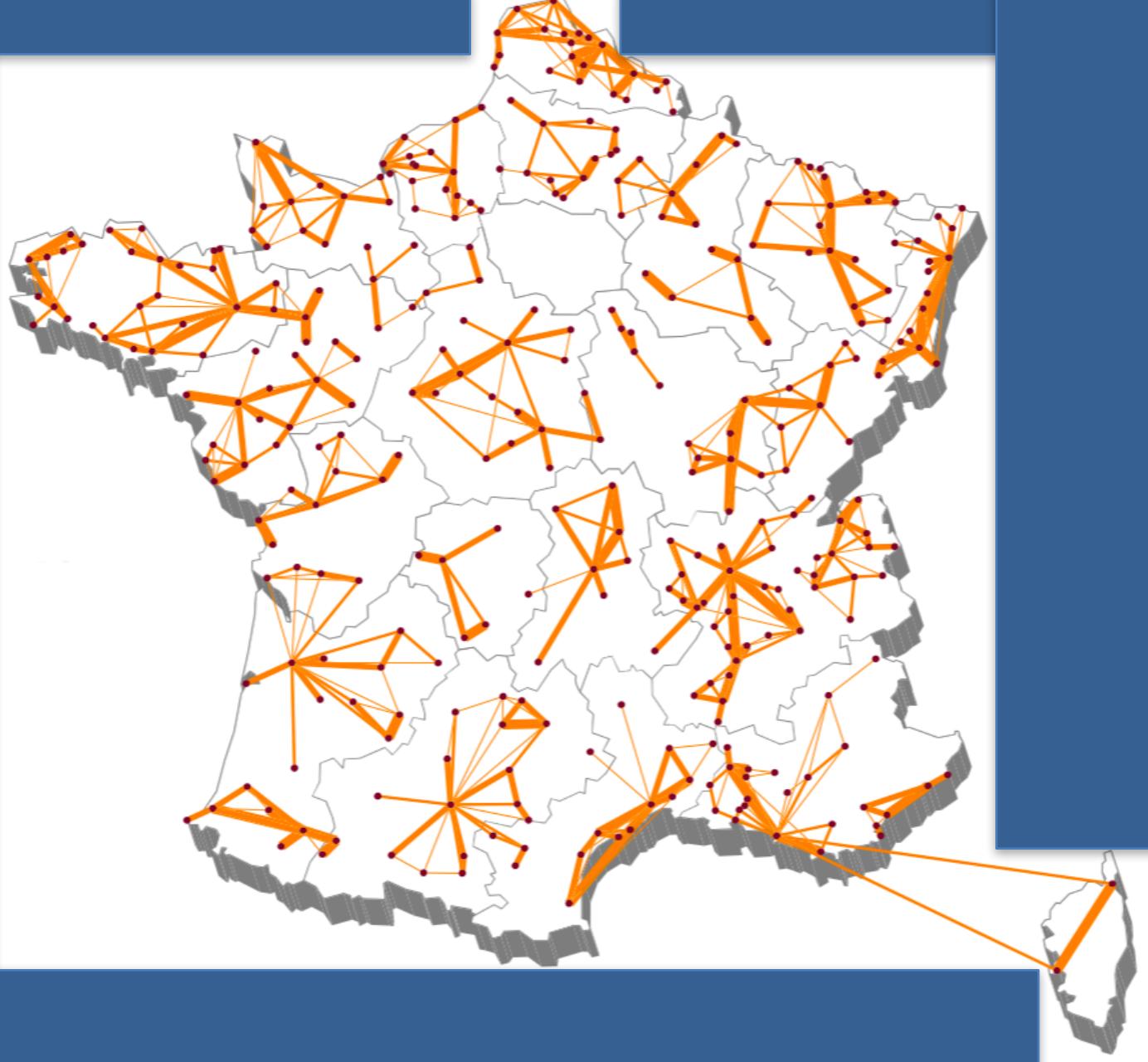
IGN - Insee 2015

Source : DGFIP-Cnaf-Cnav-CCMSA, Fichier localisé social et fiscal 2012.



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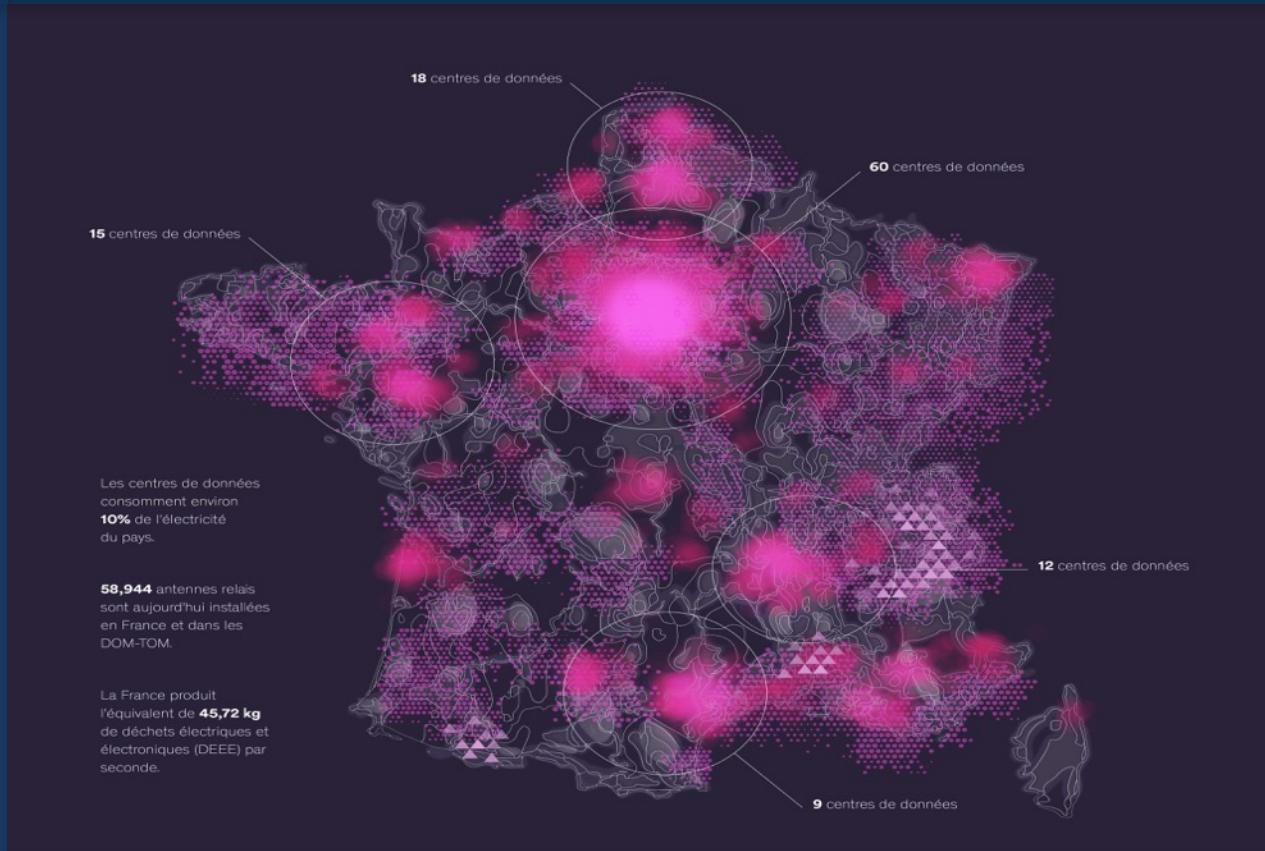
HYPER PROXIMITÉ ET LIEN SOCIAL



LE DIGITAL TRAVERSE NOS VIES



NUMÉRIQUE, DATA ET TERRITOIRES



Smart Ma Ville?

スマート マ ヴィル

HABITAT III

THE UNITED NATIONS CONFERENCE ON HOUSING AND SUSTAINABLE URBAN DEVELOPMENT

2016

SUSTAINABLE DEVELOPMENT GOAL 11

Make cities and human settlements inclusive, safe, resilient and sustainable



TRANSFORMING OUR
WORLD:
THE 2030 AGENDA FOR
SUSTAINABLE
DEVELOPMENT

6
CLEAN
WATER
AND
SANITATION

“And as the level of government closest to the people, municipalities have the capacity to transform lives and opportunities of citizens”

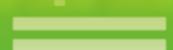
SAFE CITIES
UNITIES

12
RESPONSIBLE
CONSUMPTION
AND PRODUCTION

SHIPS
GOALS



UN HABITAT III



QUALITÉ DE VIE



Le Droit à la Ville ... Mais à quelle ville... ?

HUMAN

© Carmen Santana - ARCHIKUBIK

@CarlosMorenoFr

Durable Inclusive Résiliente Ma ville ?

The historical mitigation challenge

35
GtC

5
0
2005 2050 2100

Climate protection

Source: Edenhofer et. al. 2007

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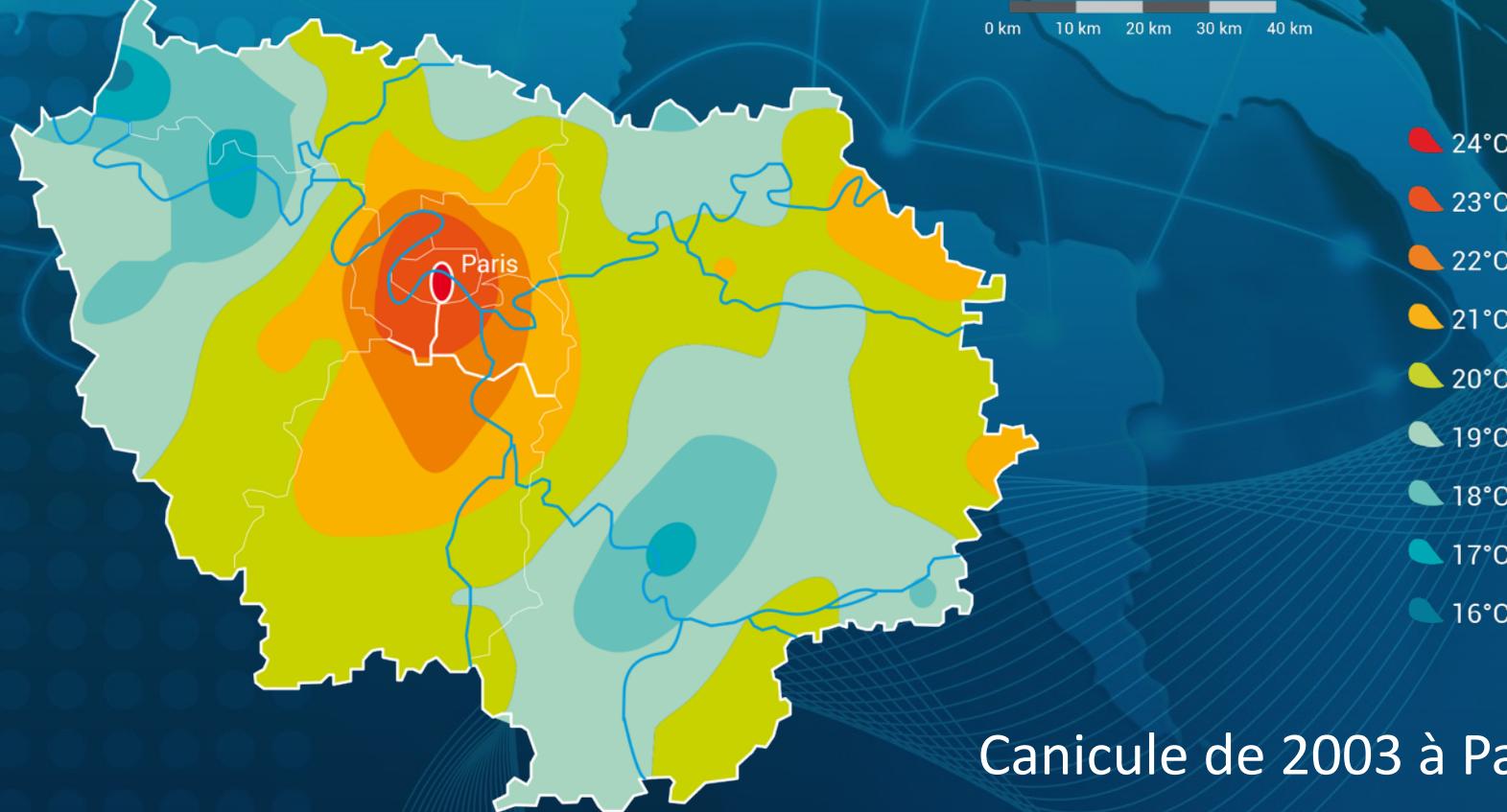
Due to recent
budget cuts, the
light at the end of
the tunnel has been
turned off.



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VULNERABILITÉ URBAINE





@CarlosMorenoFr



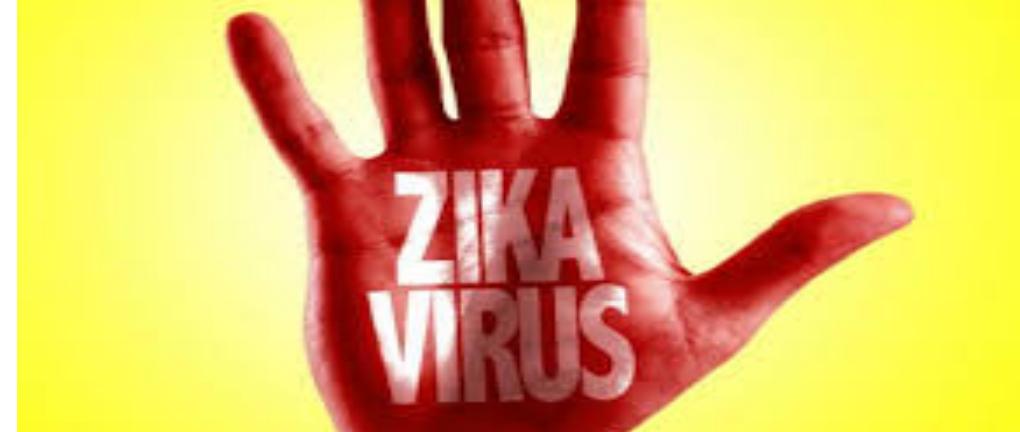
@CarlosMorenoFr



@CarlosMorenoFr



@CarlosMorenoFr



COP22 | CMP12 | CMA1

UN CLIMATE CHANGE CONFERENCE

مؤتمر الأمم المتحدة للتغير المناخي

+٢٠١٦ | +٢٠١٧ | مراكش | سوبيا | بون



UNFCCC COP 23

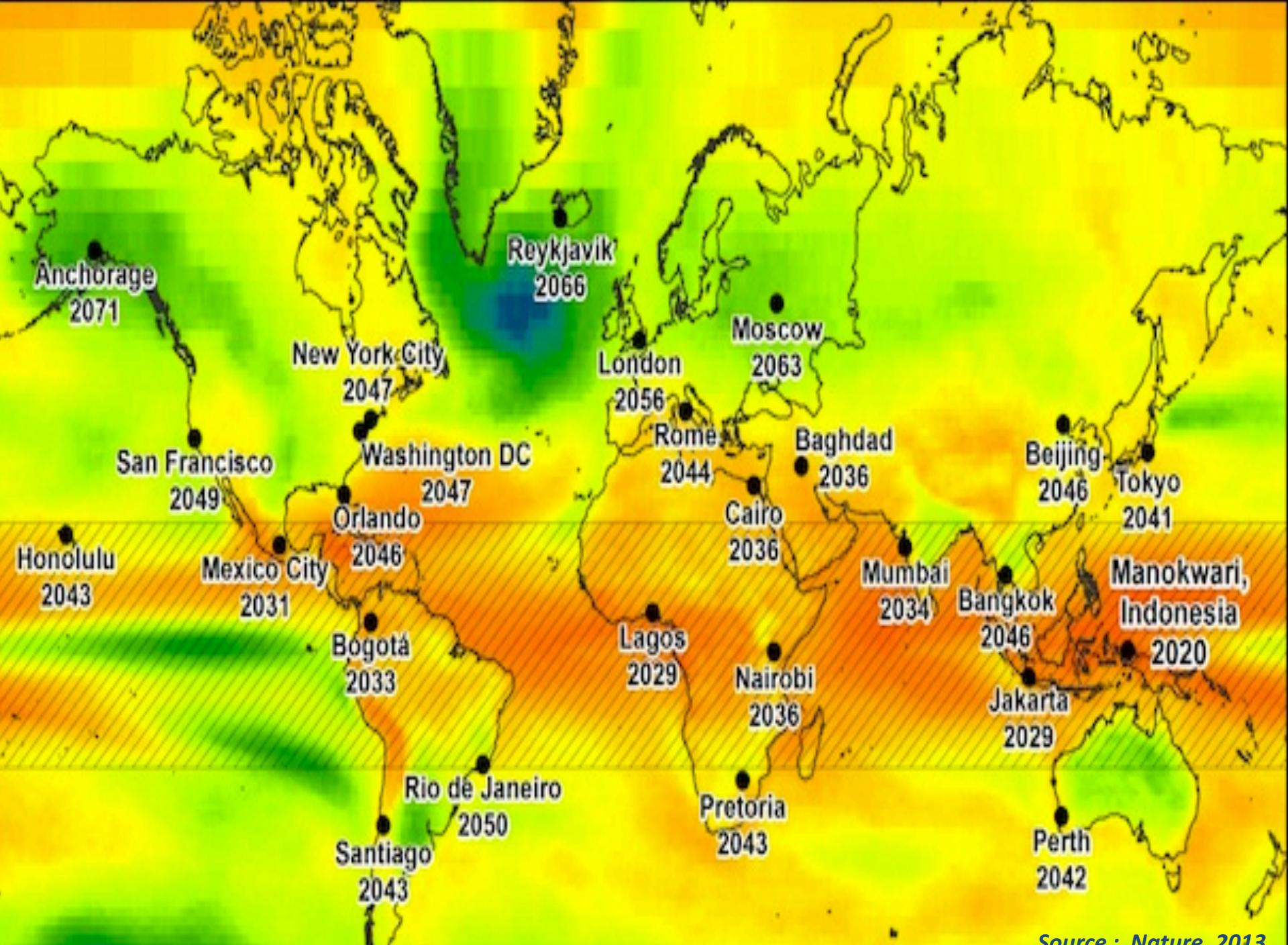
BONN

Conférence sur les Changements Climatiques 2015

COP21/CMP11

Paris, France





Source : Nature, 2013

LE FUTUR URBAIN

L'alliance des territoires





Métabolisme urbain



LES DÉFIS DE LA VILLE POUR TOUS



SOCIAL



CULTURE



ECONOMIE



ECOLOGIE



RÉSILIENCE



NOS LEVIERS DE TRANSFORMATION



SOCIALE



INNOVATION



URBAINE

RE INVENTER... LA VILLE POUR TOUS



HYBRIDATION SOCIALE TECHNOLOGIQUE DE LA VILLE

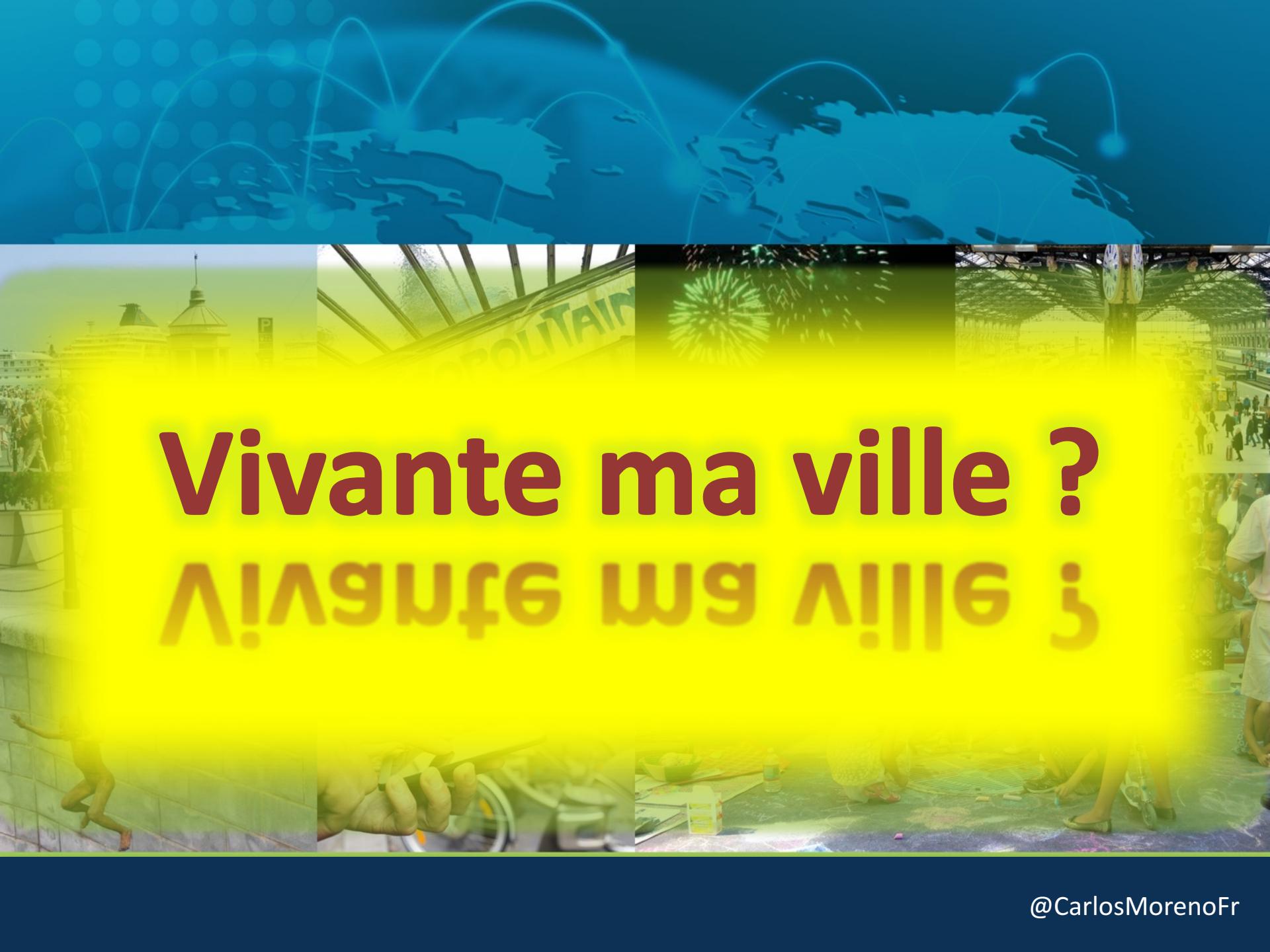


Collaborative ma ville?

collaborating my city

why does it work

we can forecast traffic!
trip engine
people post their travels in advance
the CONTRIBUTION ECONOMY
BANK BANK
SHARETRIBE
TRUST REPUTATION
ARS INDUSTRY



Vivante ma ville ? ΛΙΛΙΓΙΤΣ ΜΕ ΛΙΛΙΓΙΣ ;



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SOLIDARITES
TERRITORIALES**



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