CITIES @ Rio+20

On challenges and ways forward in the urban sector

UN DSD 5 April 2012

Kaarin Taipale, PhD (Urban Studies)

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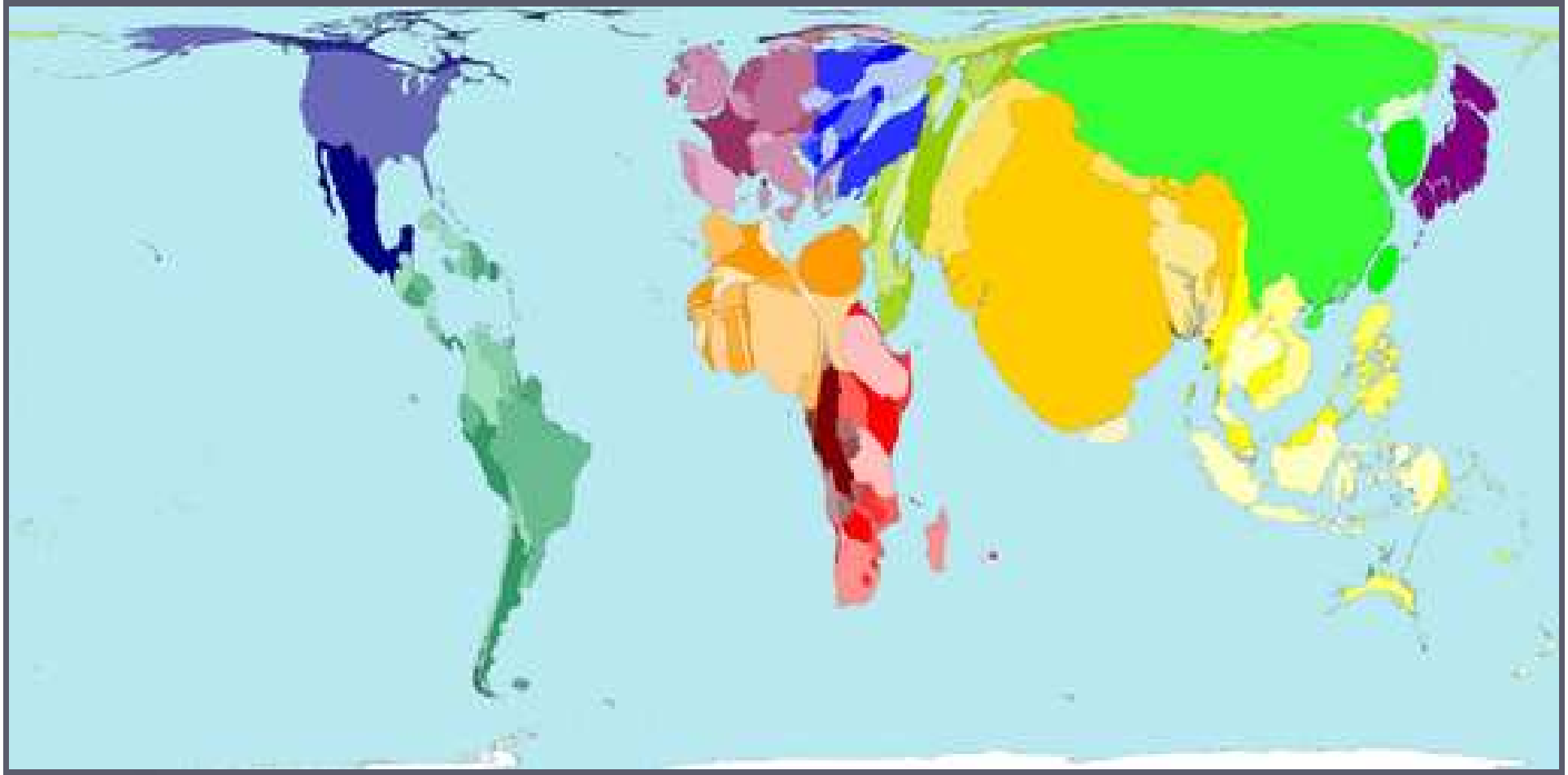
”The City”

Jeb Brugmann, *Welcome to the Urban Revolution* (2009)



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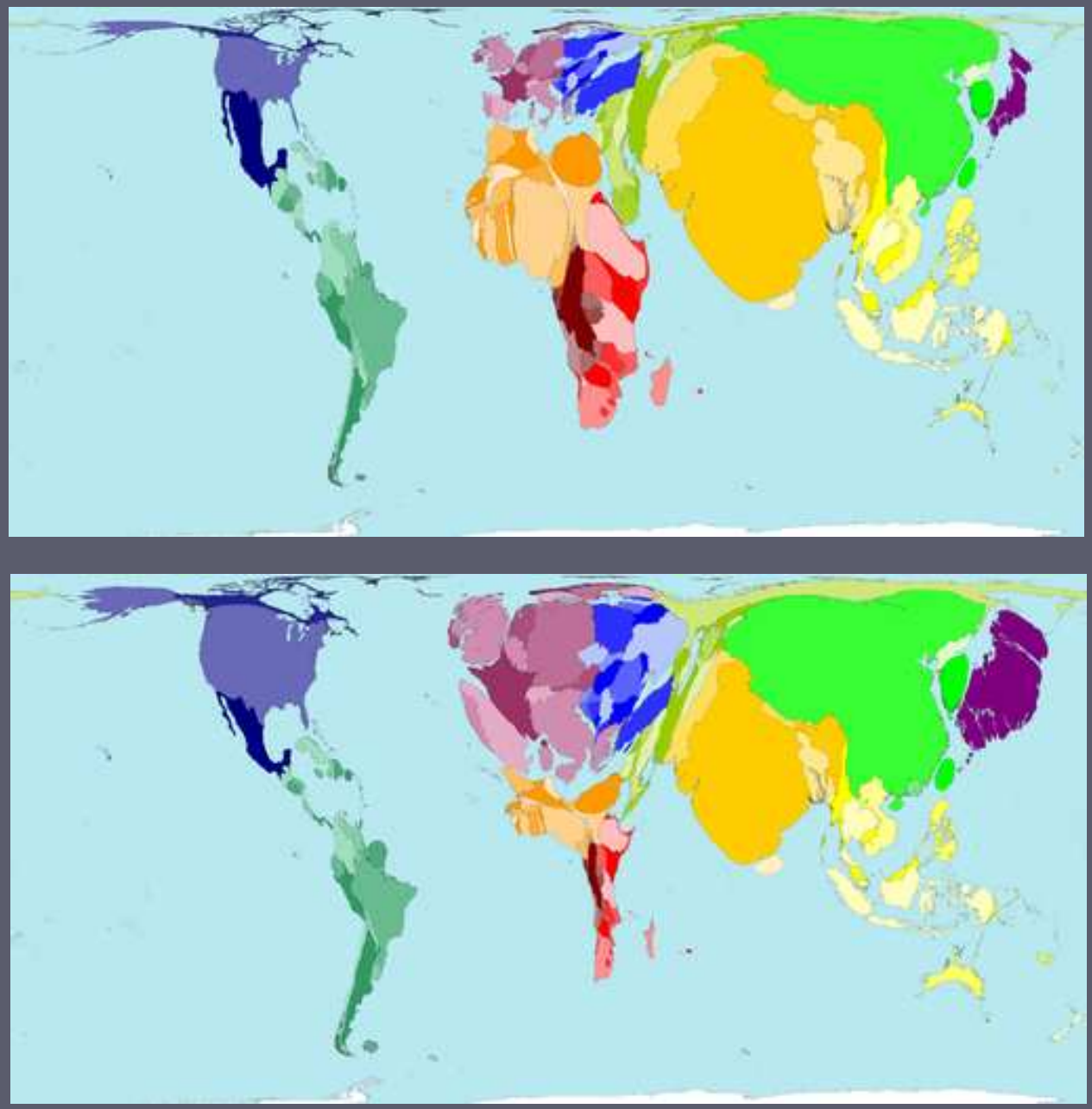

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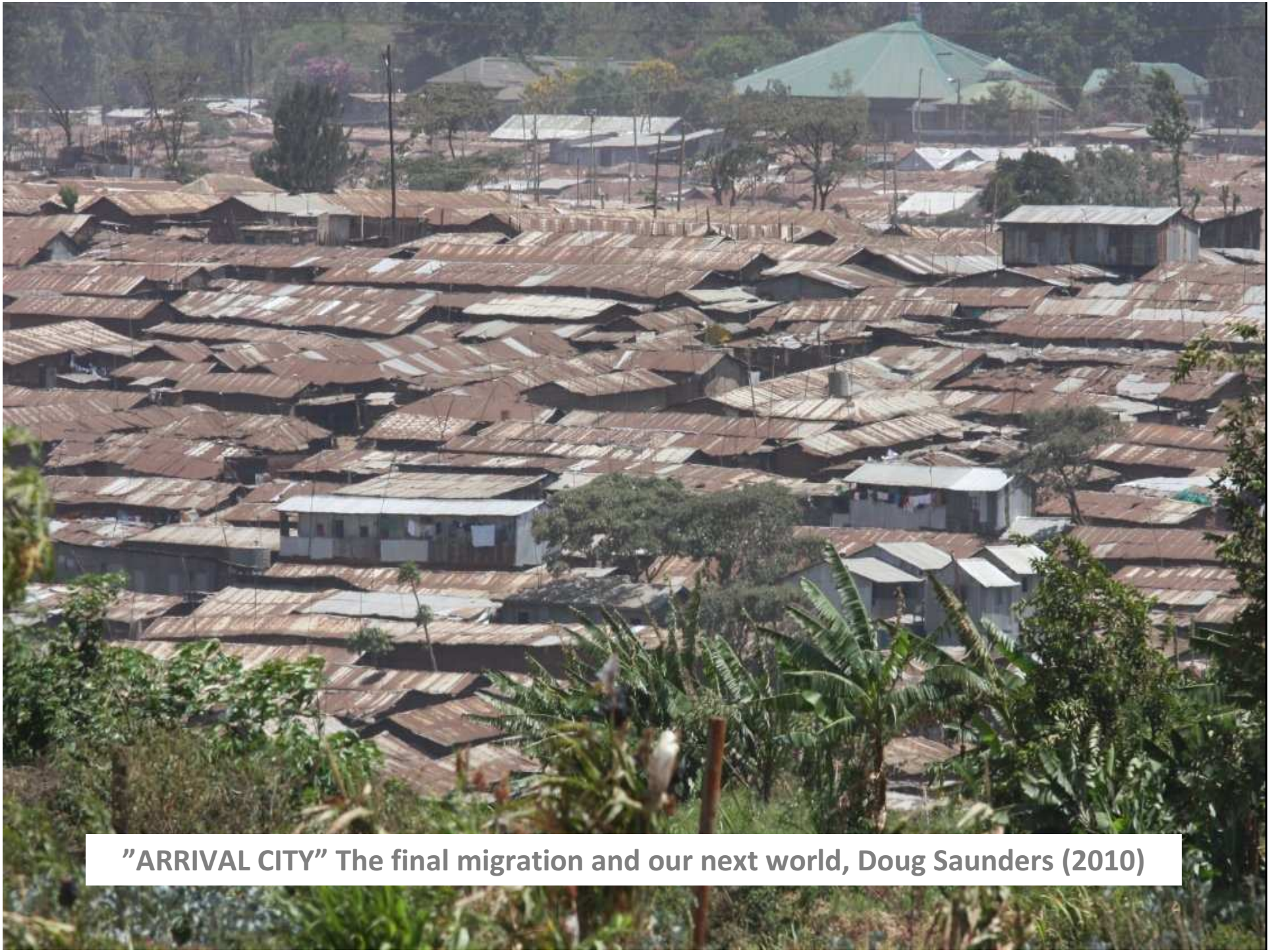

”ARRIVAL CITY” The final migration and our next world, Doug Saunders (2010)

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4. The risks of urban segregation - need for inclusion & participation

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AGUILA

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BUS RAPID TRANSIT (BRT) IN CURITIBA, BRAZIL

ERASMUS BRIDGE, ROTTERDAM, NL

Bogota, Colombia

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CITIZEN
JAIN SOLAR

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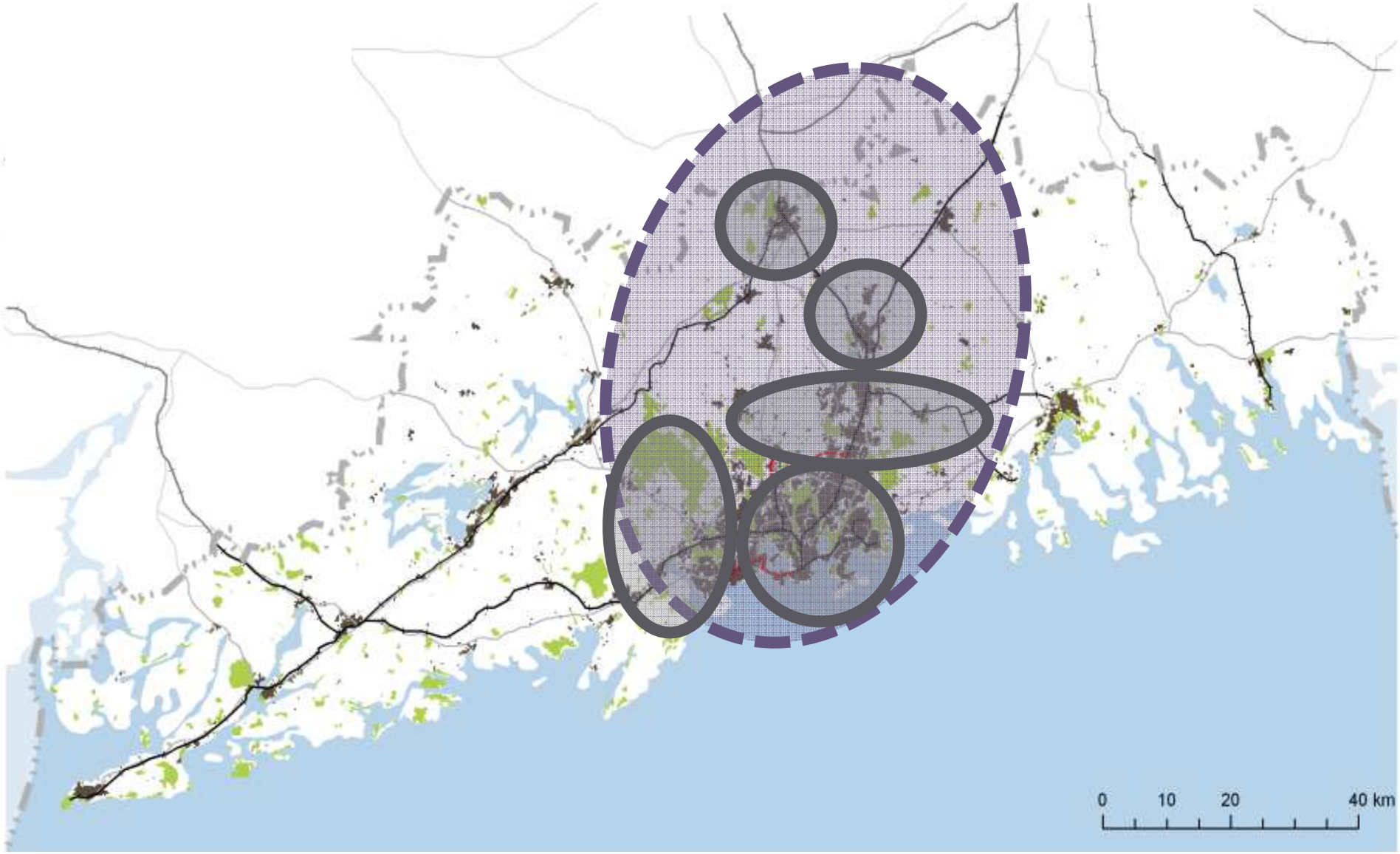
0
10
20
40 km

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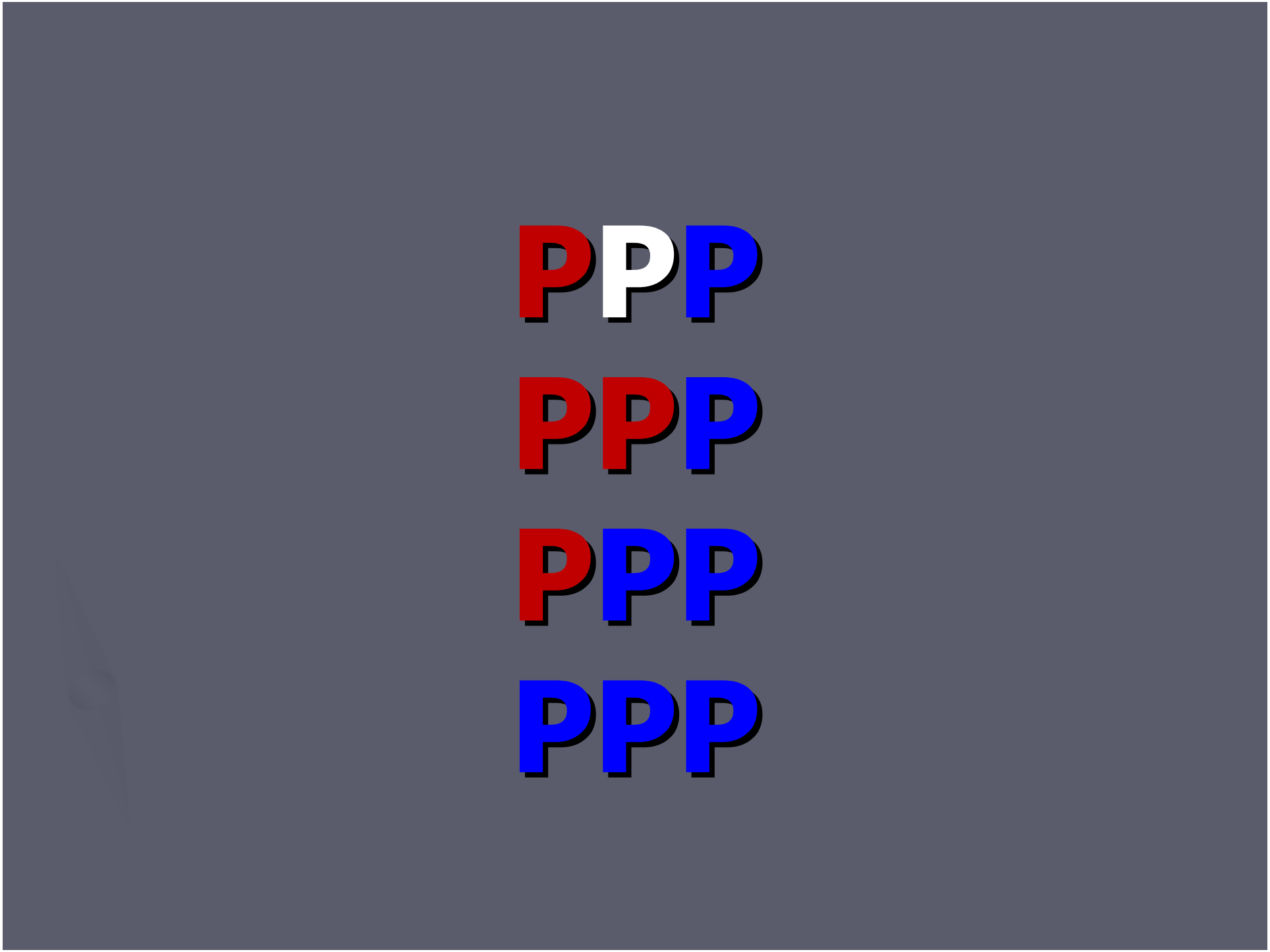
- Compagnie Générale des Eaux, 1853
- Vivendi Environnement
- Vivendi Universal (plc 2000)
- Veolia Environnement (2003)


PPP
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L'OREAL
UUTUUS!
Mikroskooppisen
tarkkaan ontelut
ja teleskooppisen
pitkät ripsel!
TELESCOPIC

local to global
public to private

PUBLIC or PRIVATE?

transparent or competitive

governance advantage?

citizen or consumer?

voter or shareholder?

user or client?

municipality or corporation?

WELCOME TO
THE
12 EAST 49TH
STREET PUBLIC
PLAZA
OPEN TO
PUBLIC
24 HOURS A DAY
THIS PUBLIC PLAZA CONTAINS
290 LINEAR FEET OF SEATING
6 MAPLE TREES
0 BIKE RACKS
0 DRINKING FOUNTAINS

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10. From commercial hi-tec to non-market lo-tec solutions

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Indian Health Institute, architect: Ashok Lall

New York City's
Water Supply System
Catskill/Delaware
Watersheds
Croton
Watershed
OTSEGO
COUNTY
CHENANGO
COUNTY
SCHOHARIE
COUNTY
ALBANY
COUNTY
RENSSELAER
COUNTY
Albany
Oneonta
Gilboa
Schoharie
Reservoir
Delhi
DELAWARE
COUNTY
Hunter
GREENE
COUNTY
COLUMBIA
COUNTY
MASSACHUSETTS
Cannonsville
Reservoir
Walton
Downsville
Pepacton
Reservoir
Phoenicia
Ashokan
Reservoir
Kingston
Hudson
River
DUTCHESS
COUNTY
CONNECTICUT
Deposit
West Branch
Delaware
East Branch
Delaware
East Delaware Aqueduct
West Delaware Aqueduct
Neversink
Reservoir
Rondout
Reservoir
Catskill Aqueduct
ULSTER
COUNTY
Poughkeepsie
Liberty
Neversink
Tunnel
Delaware Aqueduct
Ellenville
SULLIVAN
COUNTY
Delaware
River
Rondout Creek
PUTNAM
COUNTY
ORANGE
COUNTY
West Branch
Reservoir
New Croton
Reservoir
PENNSYLVANIA
NEW YORK
NEW JERSEY
ROCKLAND
COUNTY
WESTCHESTER
COUNTY
Kensico
Reservoir
White
Plains
Croton Aqueduct
Long Island Sound
Bronx
Manhattan
Queens
NASSAU
COUNTY
Brooklyn
Staten
Island
New York
Bay
Atlantic Ocean
125 Miles
100 Miles
75 Miles
50 Miles
25 Miles (from City Hall)
DEP
Catskill / Delaware Watershed Area
Croton Watershed Area
Rivers and Reservoirs
Catskill Aqueduct and Tunnels
Croton Aqueduct
Delaware Aqueduct and Tunnels
County Borders
State Borders
www.nyc.gov/dep

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