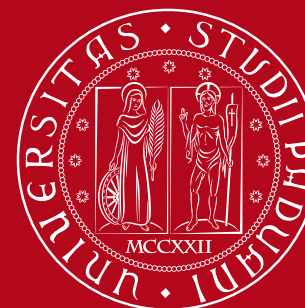




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WASTE, WATER, ENVIRONMENTAL EMERGENCIES AND SUSTAINABILITY

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CIVILE, EDILE E AMBIENTALE
DEPARTMENT OF CIVIL, ENVIRONMENTAL
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environmental, health and human emergencies



Lebanon – refugees camp



Lampedusa-illegal landings



Italy – COVID19

non solo ambiente.it
COMUNICARE LA SOSTENIBILITÀ

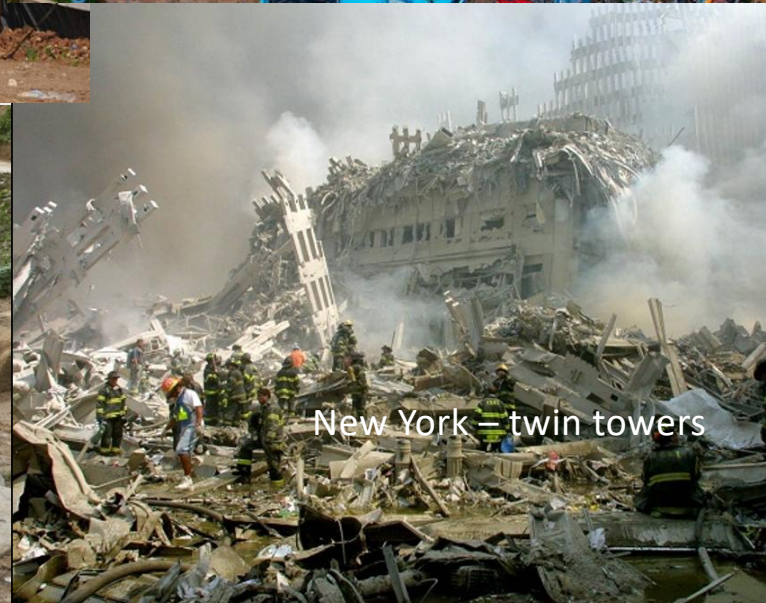
Una pandemia al sapore di plastica. Un reportage di Reuters lancia l'allarme: la crisi sanitaria globale sta compromettendo i risultati raggiunti faticosamente negli anni con l'avvio di pratiche virtuose di riduzione, riuso e riciclo di questo materiale, acerrimo nemico dell'ambiente.

Le innumerevoli colpe del Coronavirus, c'è anche quella di aver scatenato - a dispetto dei passi avanti compiuti nel corso degli anni - una vera e propria corsa alla plastica. Il [reportage di Reuters "Plasticemic- COVID 19 trashed the recycling dream"](#) lancia un preoccupante allarme: la pandemia si sta rivelando non solo dal punto di vista sanitario, ma anche dal punto di vista ambientale, gettando scompiglio nelle pratiche pensate per arginare l'abuso delle materie plastiche.

R sono in pericolo.



Bangladesh- Rohingya camp

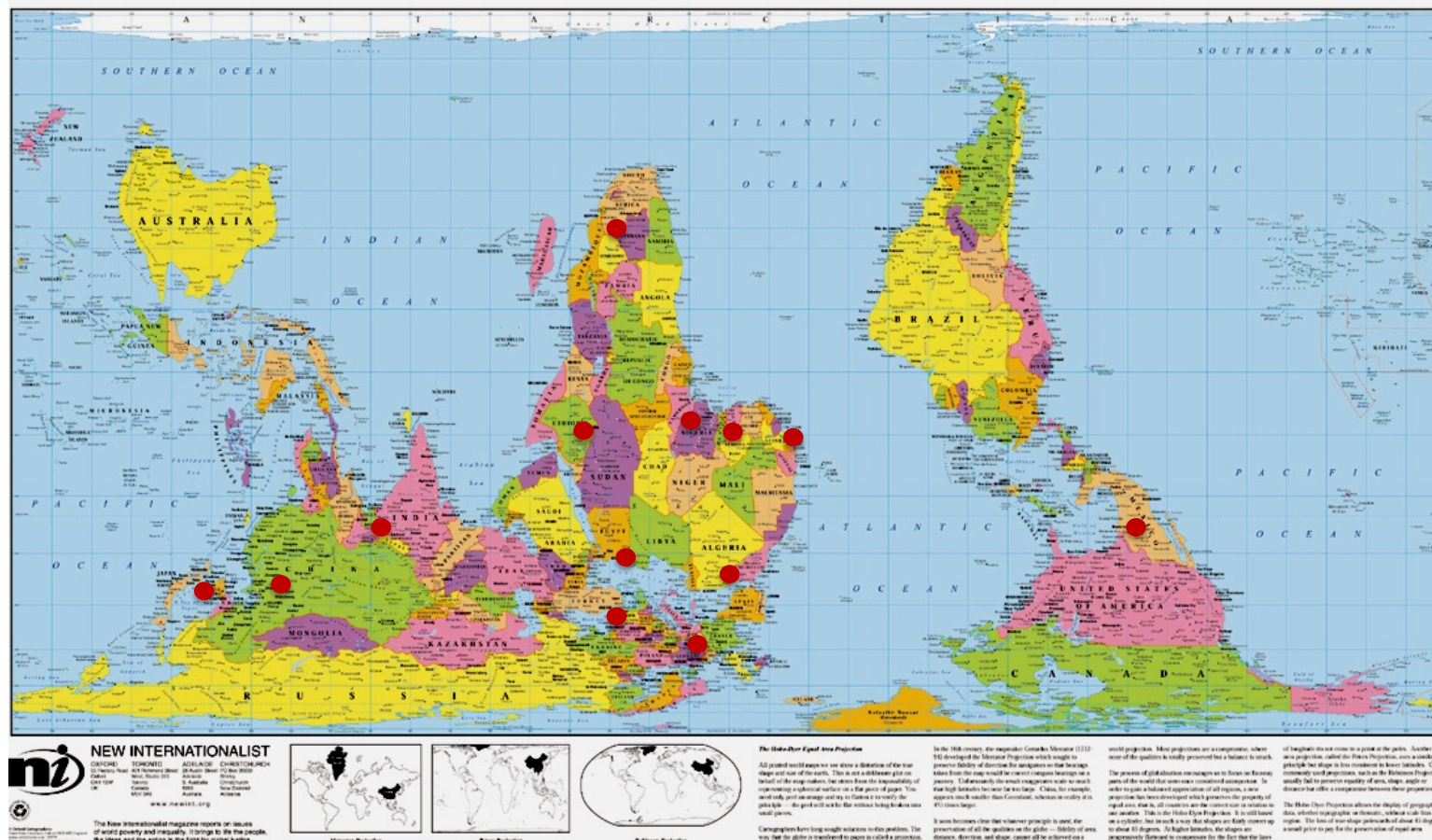


New York – twin towers



Greece – Illegal landings

The World turned Upside Down



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HOUSING



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ICEA

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HOUSING

Gávea



INFORMAL SETTLEMENTS



Yaoundè: Informal settlements occupies the 72% of the city space, living 80% of the city population (UN-Habitat, 2015)

**Khayelitsha, Cape Town,
South Africa**
Population: 400,000

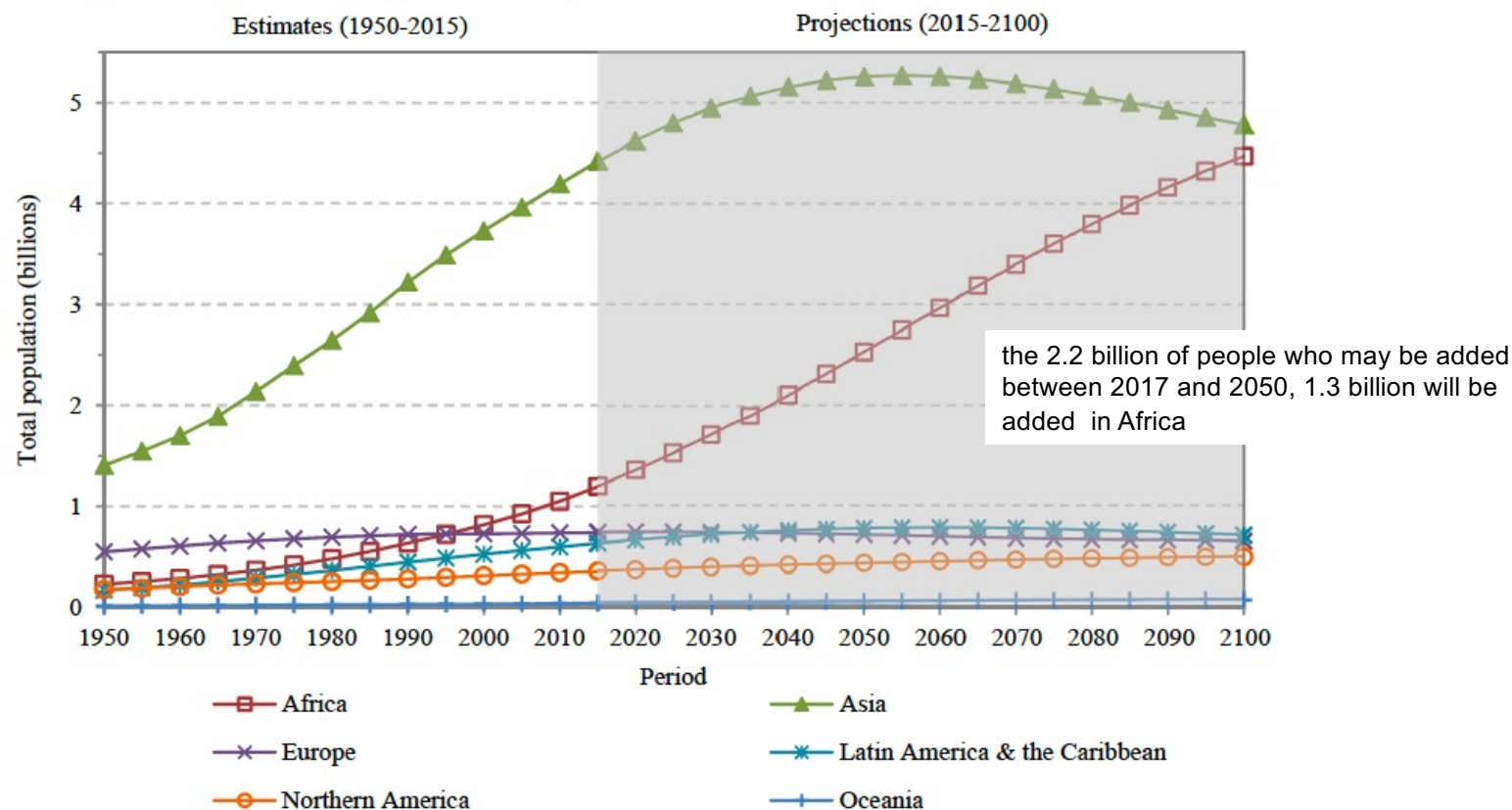
**Kibera, Nairobi,
Kenya**
Population: 700,000

**Dharavi, Mumbai,
India**
Population: 1 million

**Ciudad Neza, Mexico City,
Mexico**
Population: 1.2 million

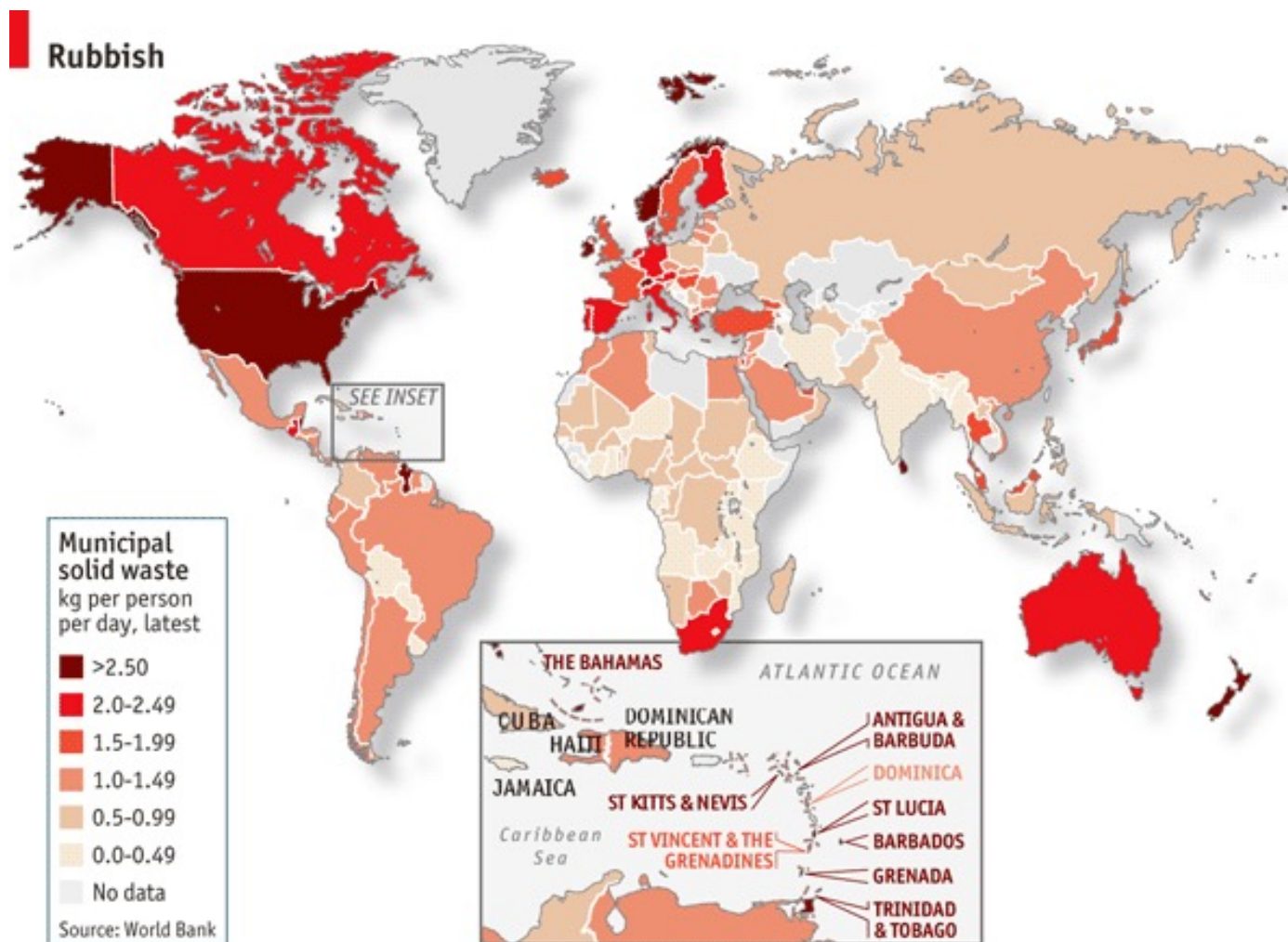
**Orangi Town, Karachi,
Pakistan**
Population: 2.4 million

Figure 3. Population by region: estimates, 1950-2015, and medium-variant projection, 2015-2100



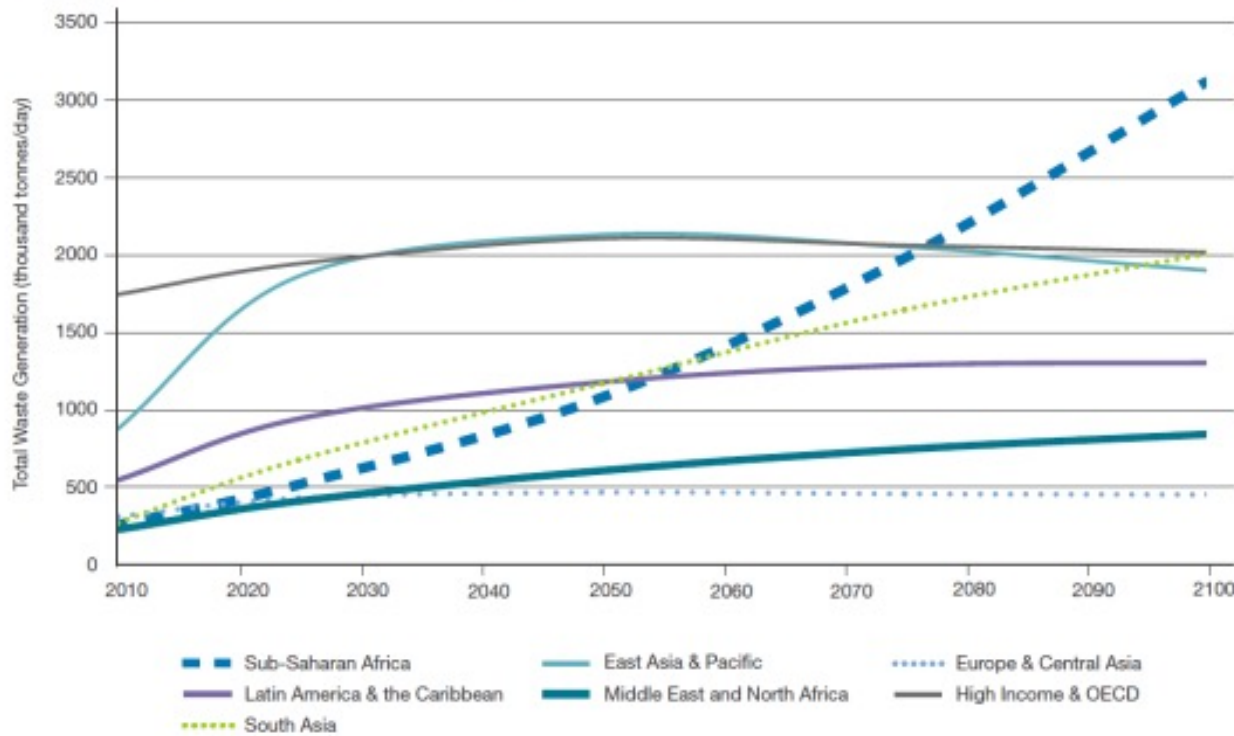
Source: United Nations, Department of Economic and Social Affairs, Population Division (2017).
World Population Prospects: The 2017 Revision. New York: United Nations.

waste production

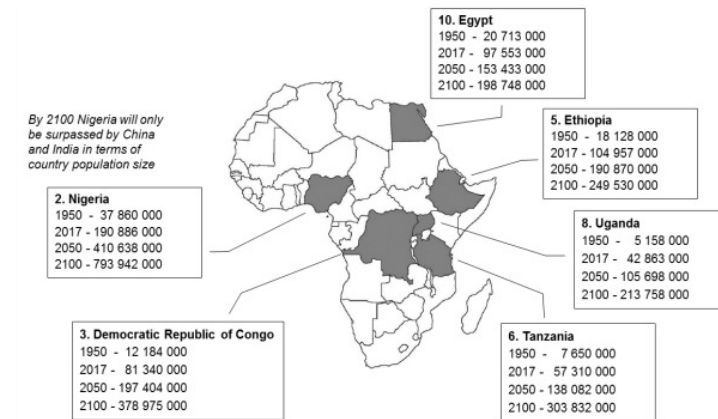


waste production

Figure 1.2 Total MSW generation by region



- 10 countries are expected to account collectively for **more than half** of the world's projected population growth over the period 2017-2050 – 6 of these are in Africa (UN DESA, 2017)



- This growth will place an increased **burden** on already **strained waste infrastructure** in African cities and towns

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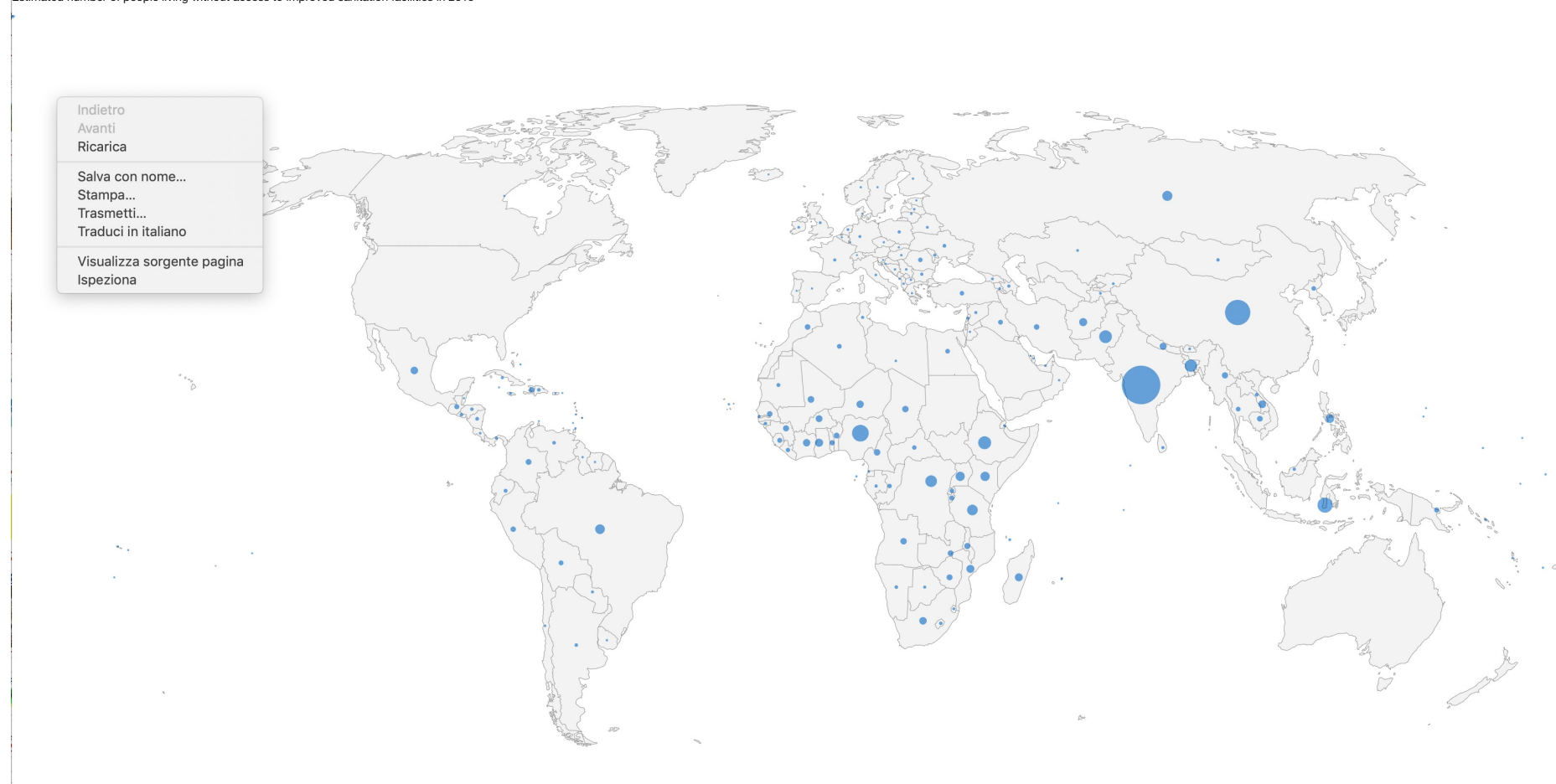


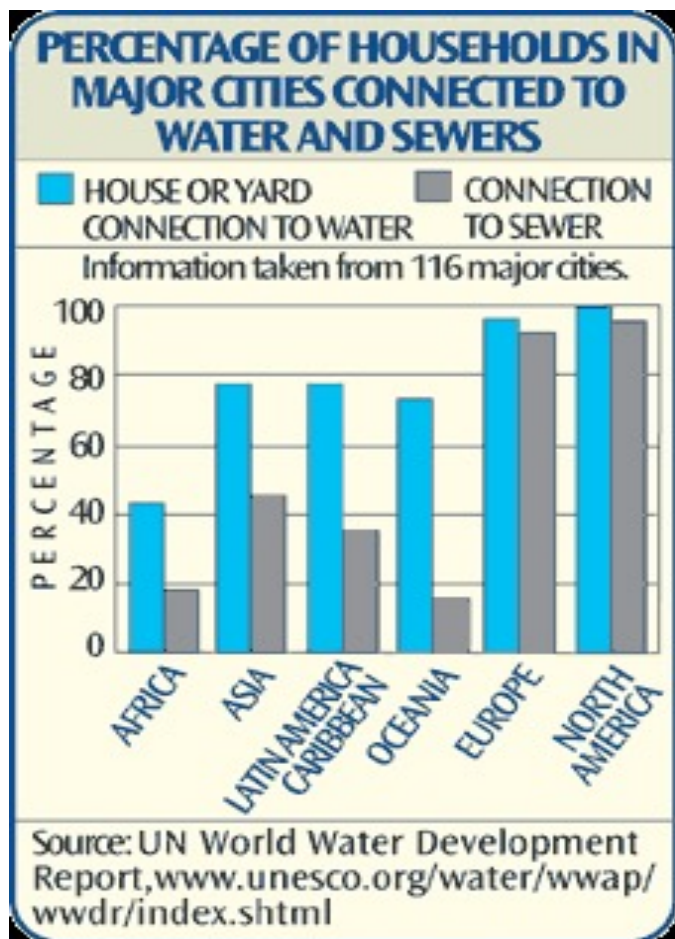
waste and water

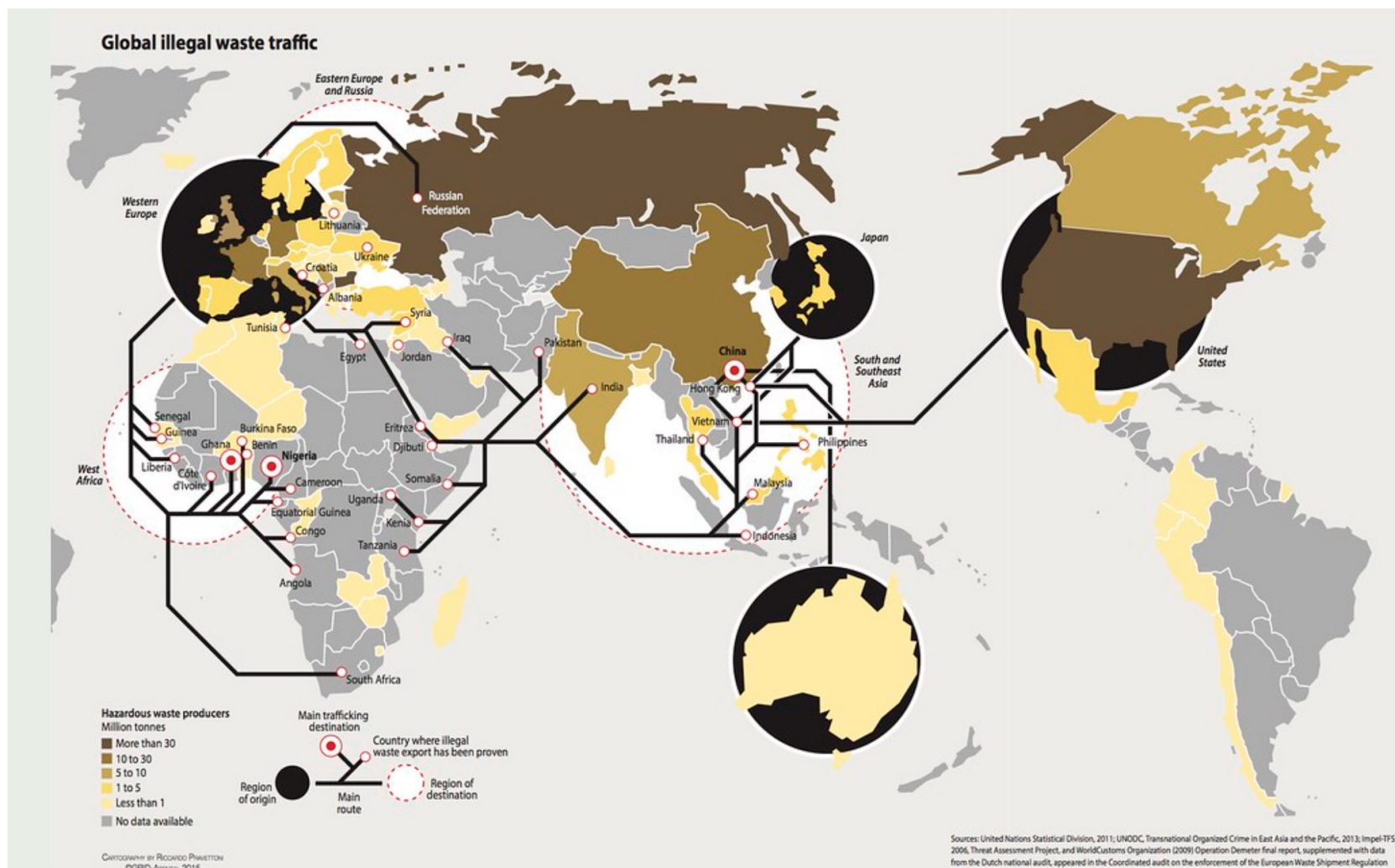


2.4 Billion People Live Without Access to Toilets

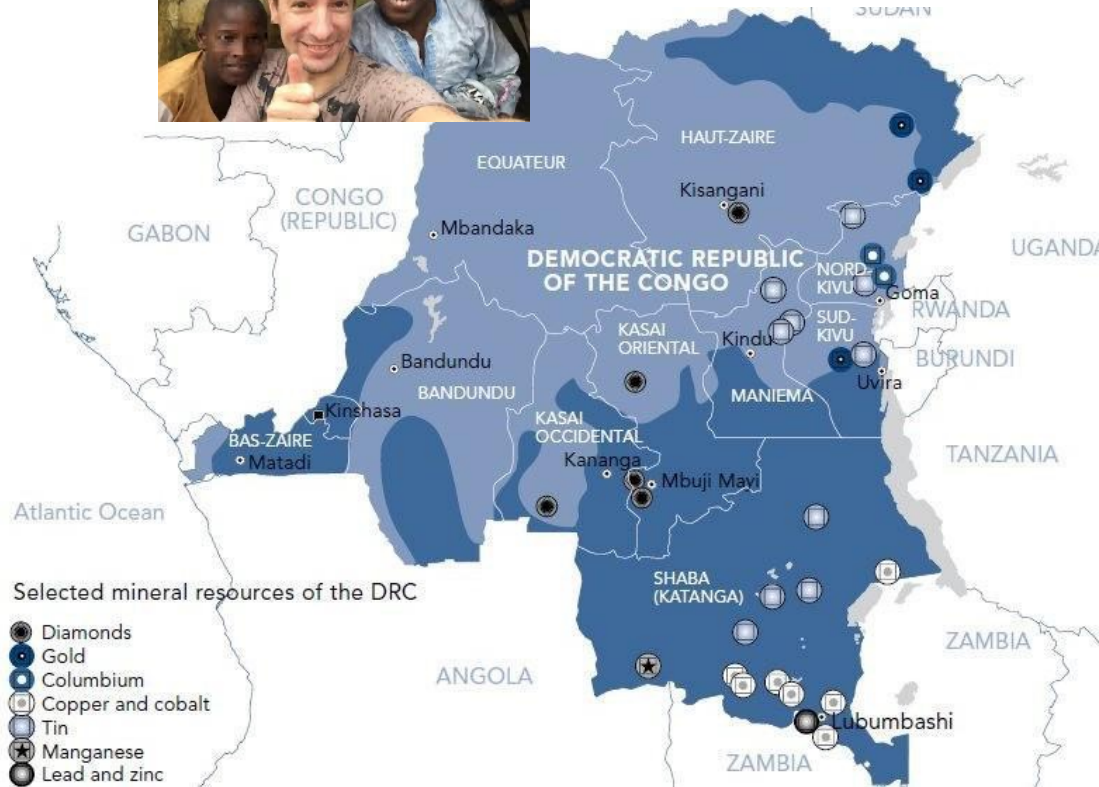
Estimated number of people living without access to improved sanitation facilities in 2015



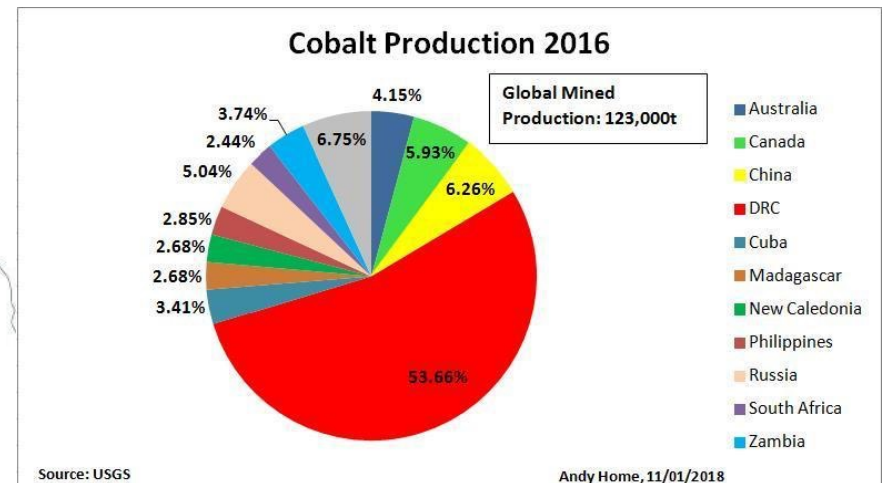
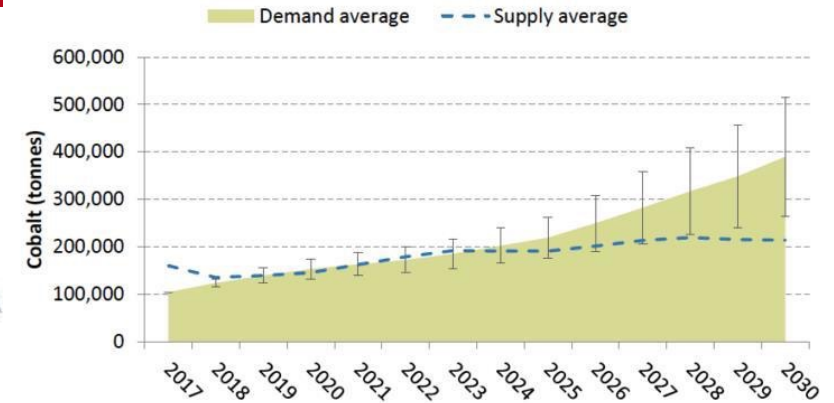




resources and justice



Who benefits from the wars in Africa?



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AFRICA



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NEPAL



Tanzania

“The smell, flies, heat and unsanitary conditions on this Bangladeshi dumpsite are indescribable. I wanted to show abject poverty to my two boys (aged 7 and 10). The young girl's bright clothing, bare head in the heat and bare feet on the piles of refuse as she clammers up the heap to find some materials to sell are striking. My oldest boy couldn't speak for 2 minutes after seeing the photograph”



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Prabha Jayesh



what are they doing?



Indonesia



China



‘The waste river’ - Nile River, Cairo, Egypt

The photo depicts a woman emptying her waste bin into the Nile River close to Egyptian capital Cairo.

Country’s unstable political circumstances left environmental issues being left behind on the agenda.

In the meantime the appropriate management of waste produced in the metropolis of ca. 20 million people is of growing concern. Solid waste is commonly left on sides of the roads, causing spread by wind or even fires, or ends up directly in one of the Nile’s numerous inflows.

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what waste?



LIBANO: campo profughi



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INDIA
what emotion?



‘Your waste is their responsibility...’ - PIRANA - Ahmedabad of Gujarat, India

‘NEGATIVE IMPACT’ - Kolkata, India
The monkey in the picture with her baby on her back is trying to collect food from a roadside vat assuming that there is food inside.

The natural food for them is scarce due to uproot and deforestation of trees for the sake of human advancement.



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ESTE
would you work here?



separazione manuale

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NAPOLI





‘Emancipation’ Photo portrays a woman wearing burqa and sweeping the rocks surrounding the Great Pyramid of Giza, Egypt. The image facilitates a discussion beyond that of solid waste management and cleanness of public space. The matter of equality and basic rights of women, taken for granted in most developed countries, is once again up for debate.

Urban Recycling Cooperatives - BRASIL

Essential Public and Environmental Health Services
Provided by Informal Sector Workers in achieving
the Sustainable Development Goals



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PROJECT IN CAMEROON



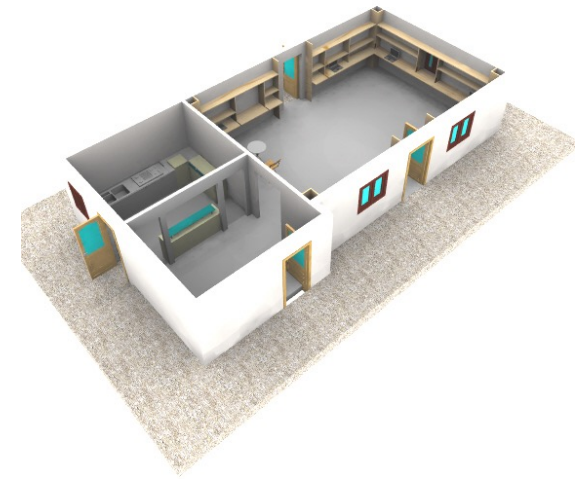
immaginAfrica

<https://www.immaginafrica.org>

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LITERARY CAFE' a venue open to the public of all ages and levels of education, addressed to the population, to rise up the awareness on environmental issues

- awareness and information campaigns on environmental issues for all
- **education, training for women and young people in situations of vulnerability** (campaign against gender based violence, to promote women in business world)
- production and distribution of informative material
- tailoring



iwwg
international waste working group

faber  libertatis



**ROTARY CLUB
PADOVA**



REGIONE DEL VENETO

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PROJECT IN IVORY COAST

Collection and valorisation of household waste in Agnibilékru, Ivory Coast 45660 inhabitants

COOPAYEA, 3000 women involved

45 employers

FUNDS: WALDENSIAN CHURCH

*(EBENE; COOPAYEA; Municipality of Agnibilekru;
Cooperativa Est; project of the University of Padova)*

**NOUS CONNAISSONS LE
MONDE DES DECHETS**



Therese



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The case of Cox's Bazar, Bangladesh



KUTUPALONG CAMP - *ROHINGYA* refugee camp

LOCAL HANDCRAFT PRODUCTS FROM WASTE
salable at Cox's Bazar, center of tourism

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inspiring model

INCLUSIVE WASTE MANAGEMENT

A.P.E. Association for the Protection of the Environment

30
YEARS

THE
GOLDMAN
ENVIRONMENTAL
PRIZE

▼ The Prize

▼ Prize Recipients

▼ News

Press Room

▼ Who We Are

Laila Iskandar

1994 Goldman Prize Recipient
Africa

- › Egypt
- › Pollution & Waste

Share



Laila Iskandar's work with the zabbaleen garbage collectors of Cairo demonstrated that large-scale recycling programs offer employment, generate income, and improve living conditions.

Long before recycling was recognized as a critical industry, a community living in the Mokattam Hills on the outskirts of Cairo was eking out a livelihood recycling the city's household waste. Laila Kamel introduced innovative social and environmental projects to the garbage collectors, or *zabbaleen*. These have largely been creating non-formal educational models of learning in the context of recycling. They have helped the garbage collectors break the cycle of exploitation and receive proper compensation for their valuable work.

GOLDMAN ENVIRONMENTAL PRIZE
riconosce le persone per gli sforzi
sostenuti e significativi per
proteggere e migliorare l'ambiente
naturale, spesso a grande rischio
personale

<https://www.goldmanprize.org/recipient/laila-iskandar-kamel/>