Zoi Environment Network Graphic Portfolio

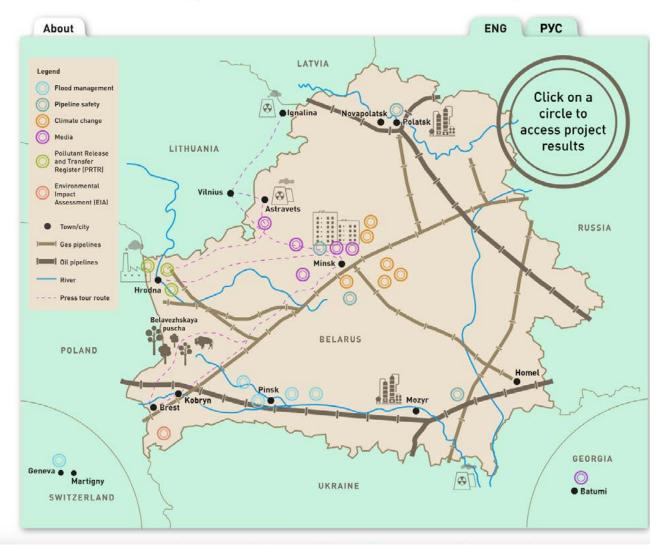






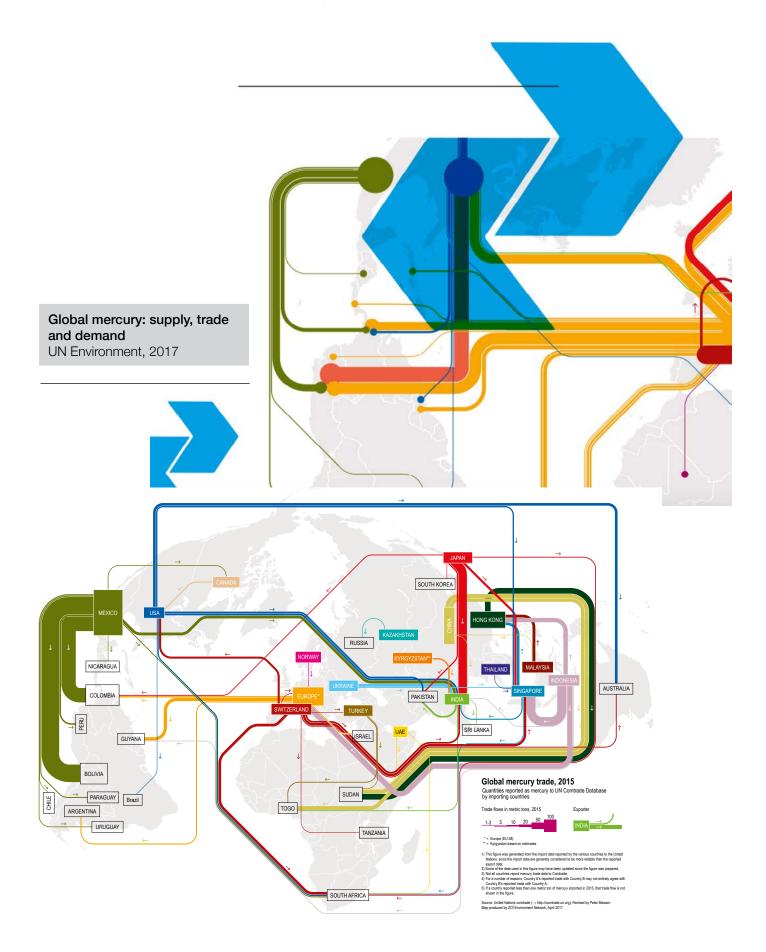
Environmental cooperation and sustainability in Belarus

2014-2016 Zoï support to the Environment and Security initiative



Global mercury

supply, trade and demand



Burkina Faso

Waste management is a national challenge, and in the capital city of Ouagadougou, urbanization is increasing the amount of waste generated. Although the capital area has a waste management system, the existing landfill sites lack the capacity to meet future demand. In other cities, waste management is not as effective as in the capital.

Legislative and Regulatory Framework The Environmental Code[®] (2013) of Burkina Faso pro-

motes the fundamental environmental principles of prevention, precaution, polluter pays and sustainable development. The code distinguishes among municipal industrial and hazardous waste. The Environmental Code and the Law of Public Hygiene define hazardous waste as any waste presenting serious risks to public health and safety or the environment. Based on the description in these laws, mercury waste is hazardous waste

The dumping or burning of toxic industrial waste is pro hibited (Article 23, the Health Law) as is dumping hazardous waste in the environment (Article 109 and 110, the Law of Public Hygiene)¹⁰. Waste management facilities need the approval of the Ministry of Environment and re-quire an environmental impact assessment (Article 53, Environmental Law)⁹. Transboundary movements of haz-ardous wastes are to be conducted pursuant to the Basel Convention.

In the absence of a specific regulation for mercury waste, it is managed under the general legislative and regulatory

Global mercury waste assessment UN Environment, 2017

Global Mercury framework Waste Assessment

Environmental Code Law of Public Health La Mercury waste Ý T

Regulatory framework and

mercury waste management in Burkina Faso

Current Practic Municipalities are

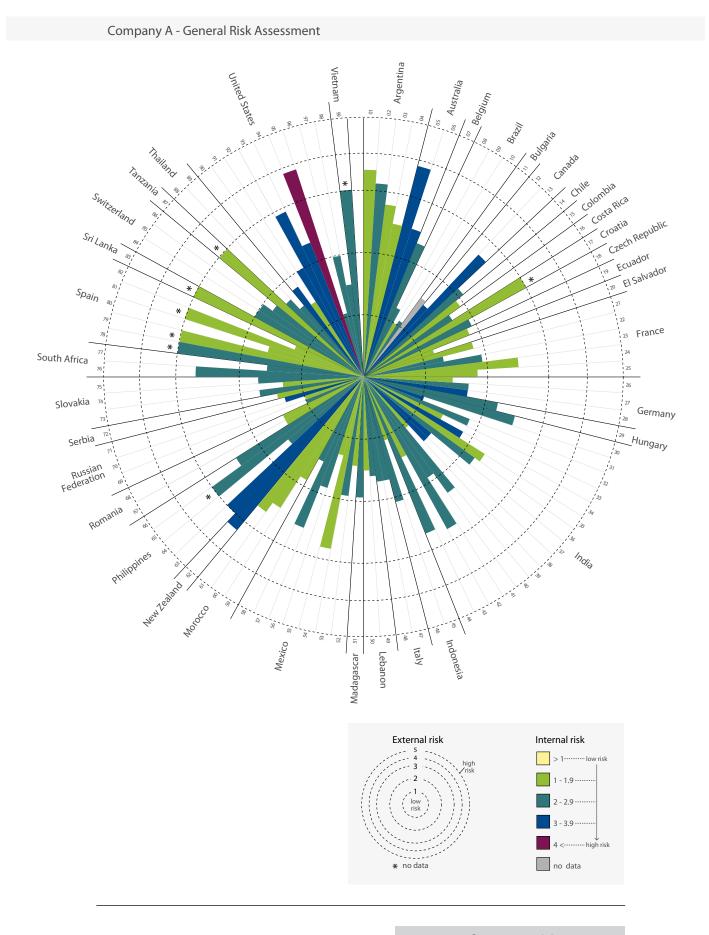
portation and dis source, househo municipal solid v ed to landfills for landfill site, only pal solid waste.

Waste contamina ed. In artisanal ar residues and taili the environment

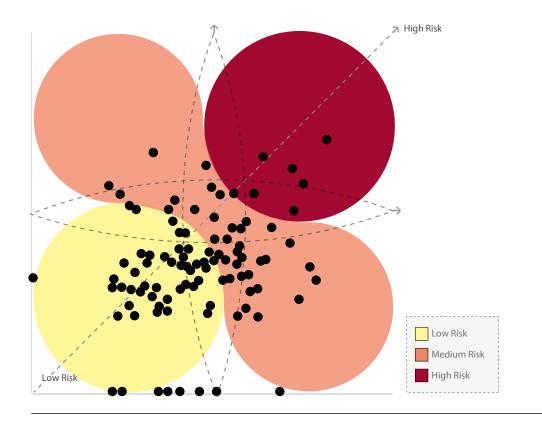
esentation by a re eeting on Environm

Review of Current National Measures

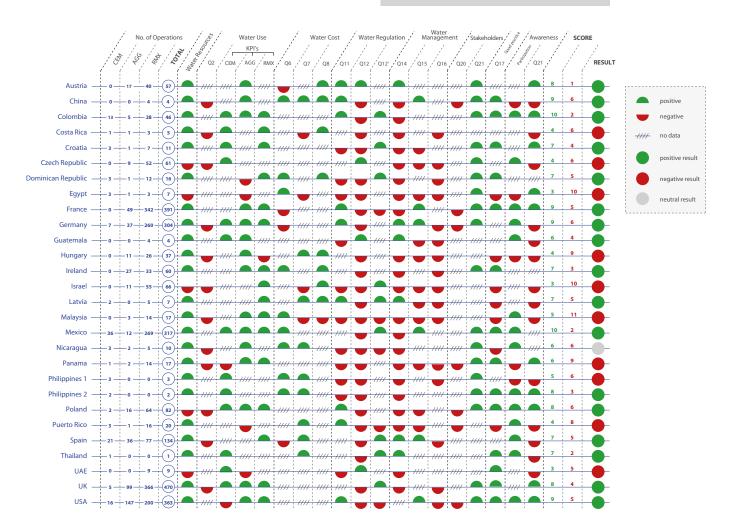




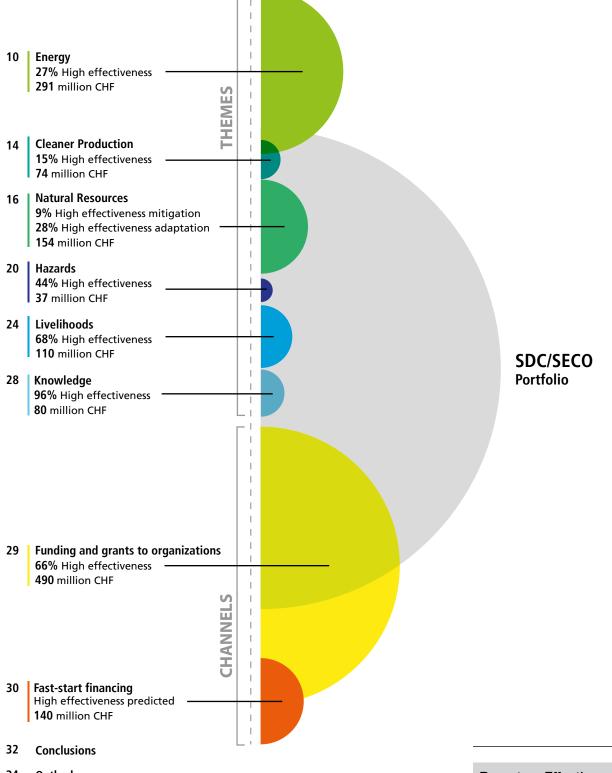
Cement and Aggregates IUCN Global Water Programme, 2013



Cement and Aggregates IUCN Global Water Programme, 2013

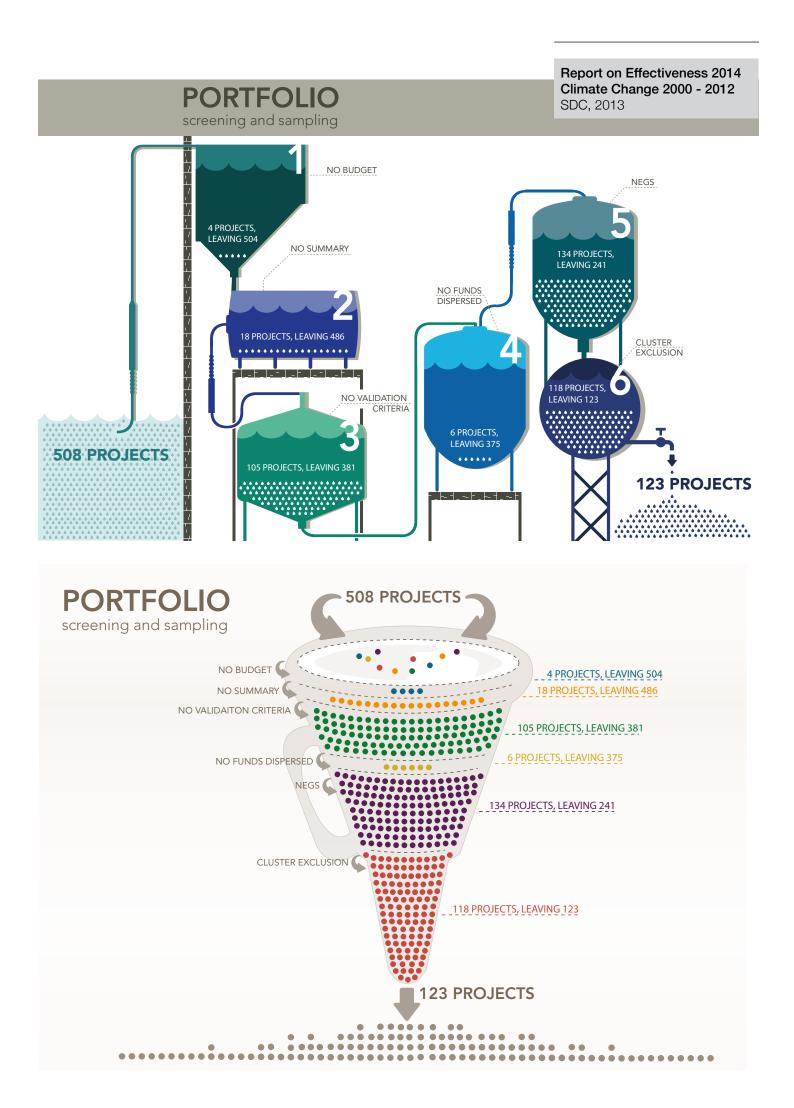


- 03 Editorial
- 06 Switzerland's global engagement
- 08 Portfolio evaluation
- 09 Overall effectiveness



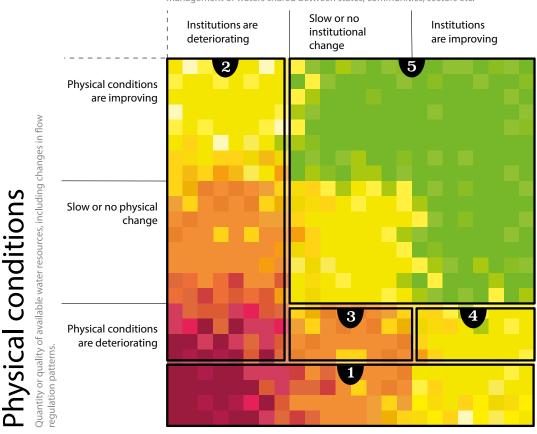
34 Outlook

Report on Effectiveness 2014 Climate Change 2000 - 2012 SDC, 2013

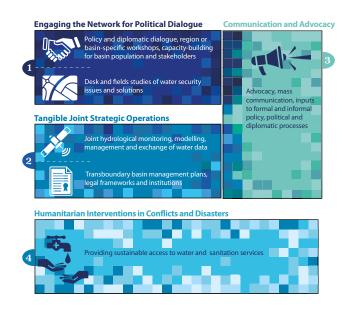


Institutions

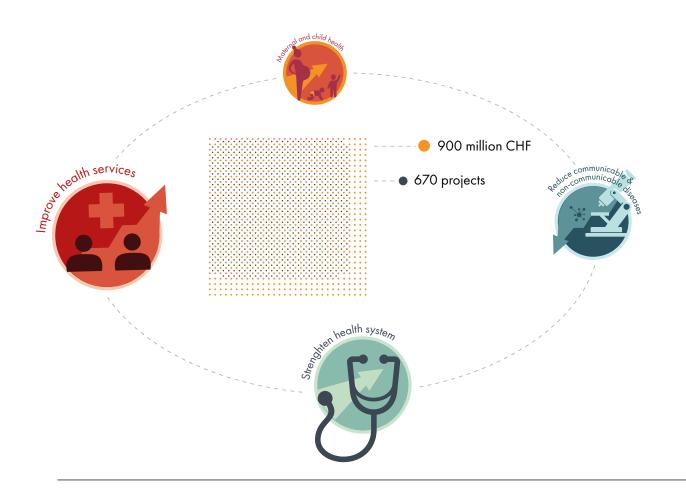
National or inter-state arrangements regulating access to, the use and management of waters shared between states, communities, sectors etc.



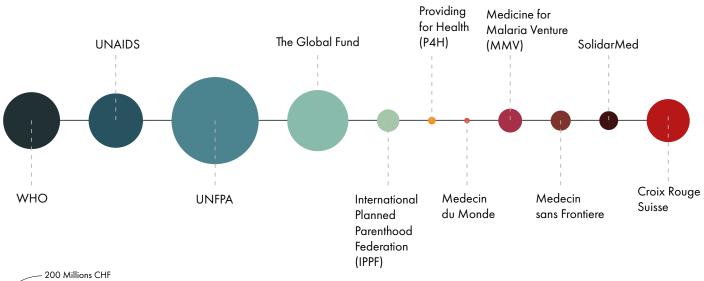
Likelihood / intensity of conflicts or tensions under water stress (local, intra-state / inter-sectoral, inter-state): High --- Very high Moderate --- High Low --- Moderate None --- Low



Water as an Asset for Peace Atlas of Risks and Opportunities SDC, 2017



Effectiveness of Swiss International Cooperation on Health Interventions 2000-2013 SDC, 2015



100

_ 50

____20

10

Risques

Accentuation des fortes chaleurs

- Dégradation de la santé humaine
- Baisse de la productivité au travail 🔴
- Augmentation du besoin en énergie de refroidissement •

Accroissement de la sécheresse

- Pertes de récoltes agricoles 🔸
- Risque d'incendies de forêt
- Pénuries d'eau 🔸
- Diminution de la production hydroélectrique estivale

Élévation de la limite des chutes de neige

Baisse des revenus du tourisme hivernal

Aggravation du risque de crues

- Dommages corporels
 - Dommages matériels •

Fragilisation des pentes et recrudescence des mouvements de terrain

> Dommages corporels Dommages matériels •

Dégradation de la qualité de l'eau, des sols et de l'air

Modification des milieux naturels, de la composition des espèces et des paysages

Dégradation de la biodiversité

Propagation d'organismes nuisibles, de maladies et d'espèces exotiques

- Dégradation de la santé humaine
- Dégradation de la santé des animaux de rente et des animaux de compagnie
 - Pertes de récoltes agricoles 鱼
- Dégradation des services écosystémiques forestiers •

Risques wildcards

Risques difficiles à évaluer •

Modifications du climat à l'étranger Risques indirects •



Impacts ambigus : conséquences positives ou négatives possibles



Modification de l'activité des tempêtes et de la grêle

- Dommages corporels
- Dommages dus aux tempêtes
- Dommages dus à la grêle

Impacts positifs et négatifs

Impacts positifs et négatifs

Impacts positifs et négatifs









Opportunités



Amélioration des conditions locales

• Diminution du besoin en chauffage

- Revenus du tourisme estival
- Augmentation des récoltes agricoles



- Augmentation de la production énergétique hivernale
- Dommages et frais d'entretien liés à la neige



FOEN, 2017

Augmentation de l'opportunité :



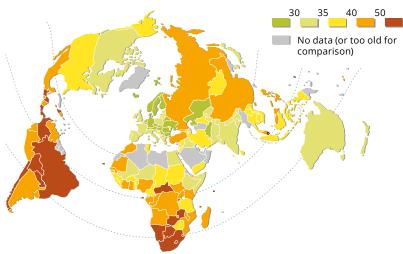


Modification de la composition des espèces et des milieux



• Opportunités indirectes





The Gini index measures the extent to which, within a country, the distribution of income deviates from perfect equality. A Gini index of 0 represents perfect equality, while an index of 100 implies perfect inequality.

Sources: World Development Indicators, World Bank ; OECD Income distribution and poverty database ; US Central Intelligence Agency World Factbook ; 2014 (data: 2000 to 2012).

Figure 1.3 Population pyramids for Europe, Africa and Asia for 2000 and 2050 by age, sex and educational attainment

Source: Samir K.C. et al, 2010. Projection of populations by level of educational attainment, age, and sex for 120 countries for 2005-2050, IIASA.

The European environment – state and outlook EEA, 2014

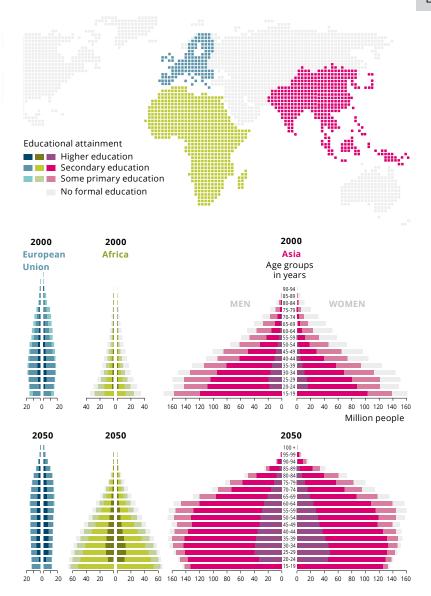
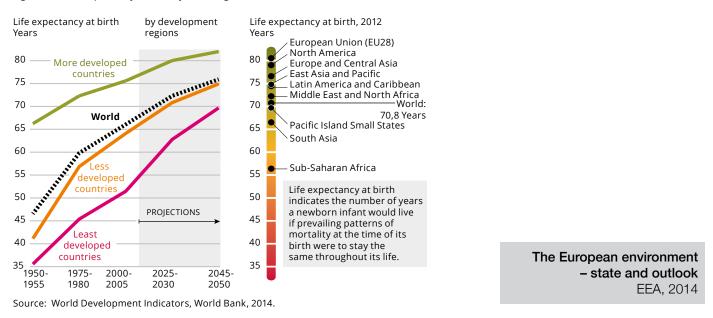
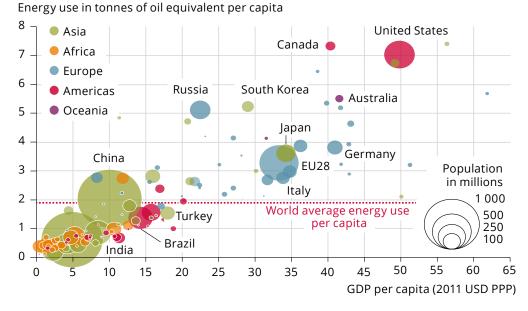


Figure 3.2 Life expectancy at birth by world regions until 2050

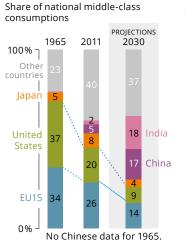


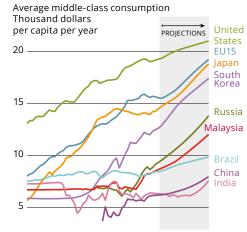




European Union countries are represented both individually and collectively (EU28). Sources: World Development Indicators, World Bank, 2014.

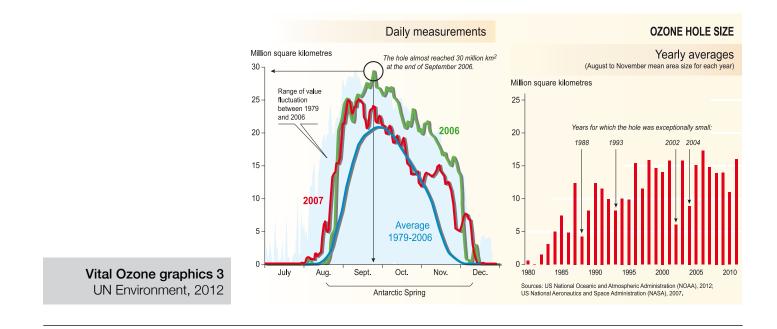
Fig 2.3 Middle class consumption, 1965-2030

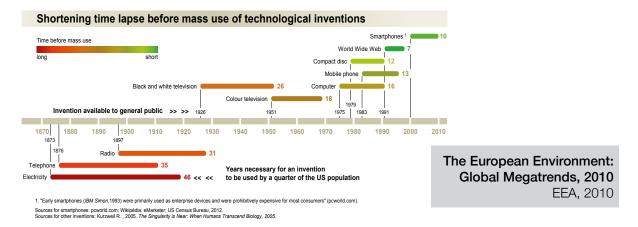


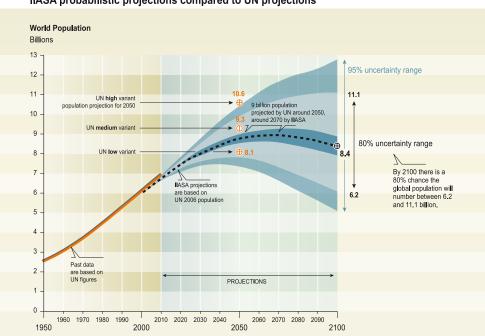


1970 1980 1990 2000 2010 2020 2030

Source: Brookings Institution, 2013.



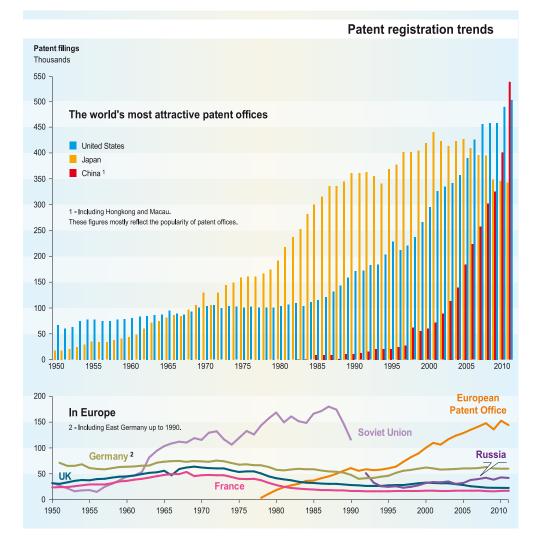




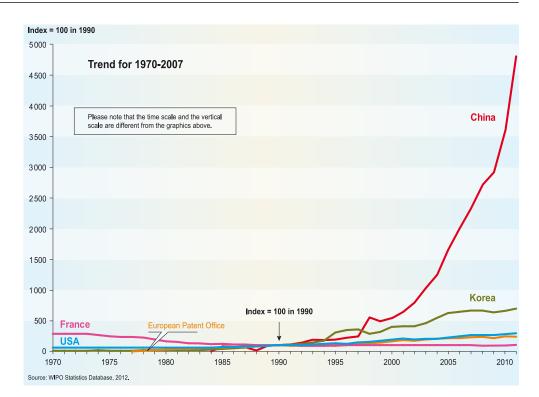
World population projections IIASA probabilistic projections compared to UN projections

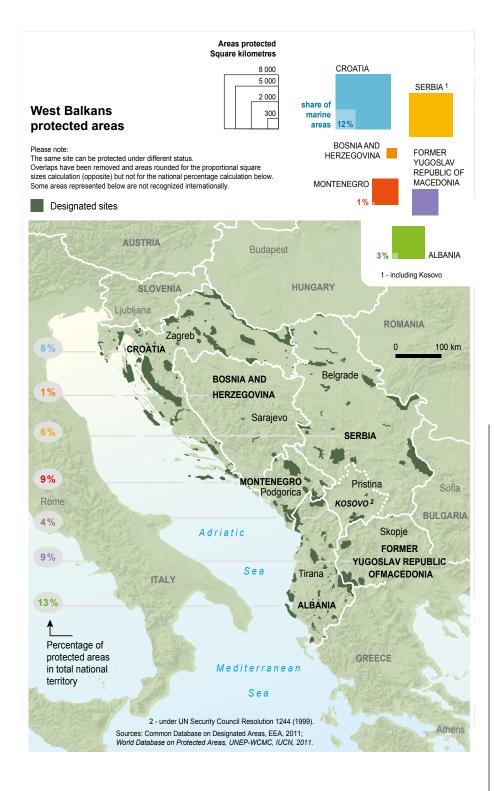
Note: the UN Population Division studies fertility-evolution scenarios to produce high, medium and low variant figures, whereas the IIASA bases its calculations on assumptions for fertility, mortality and migration (the latter only affecting regional projections).

Sources: Lutz W., Sanderson W. and Scherbov S., 2007 Probabilistic World Population Projections, International Institute for Applied Systems Analysis (IIASA); UN Population Division, World Population Prospects: The 2010 Revision.

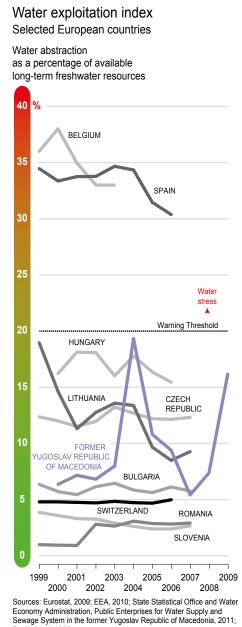




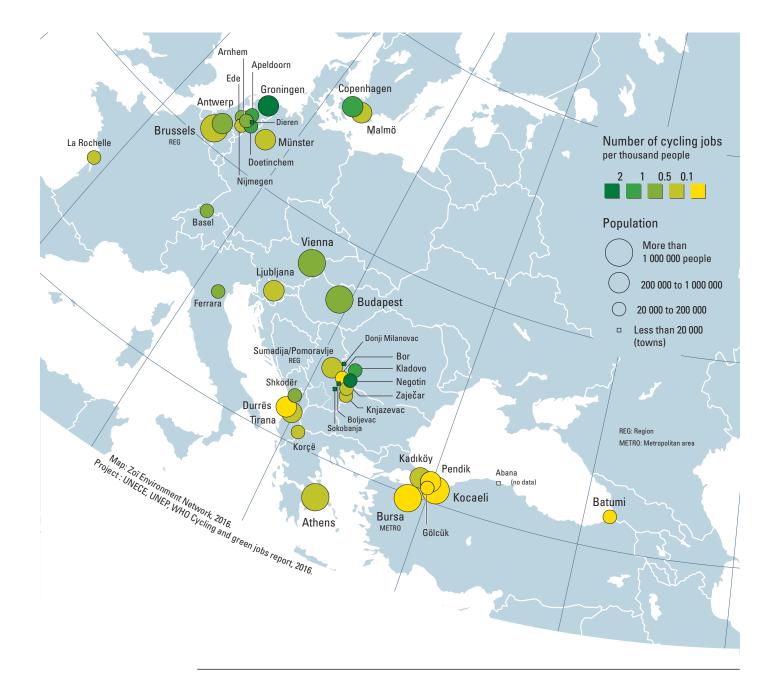




West Balkan Environmental Core Set of Indicators EEA, 2012



Raskin et al. 1997



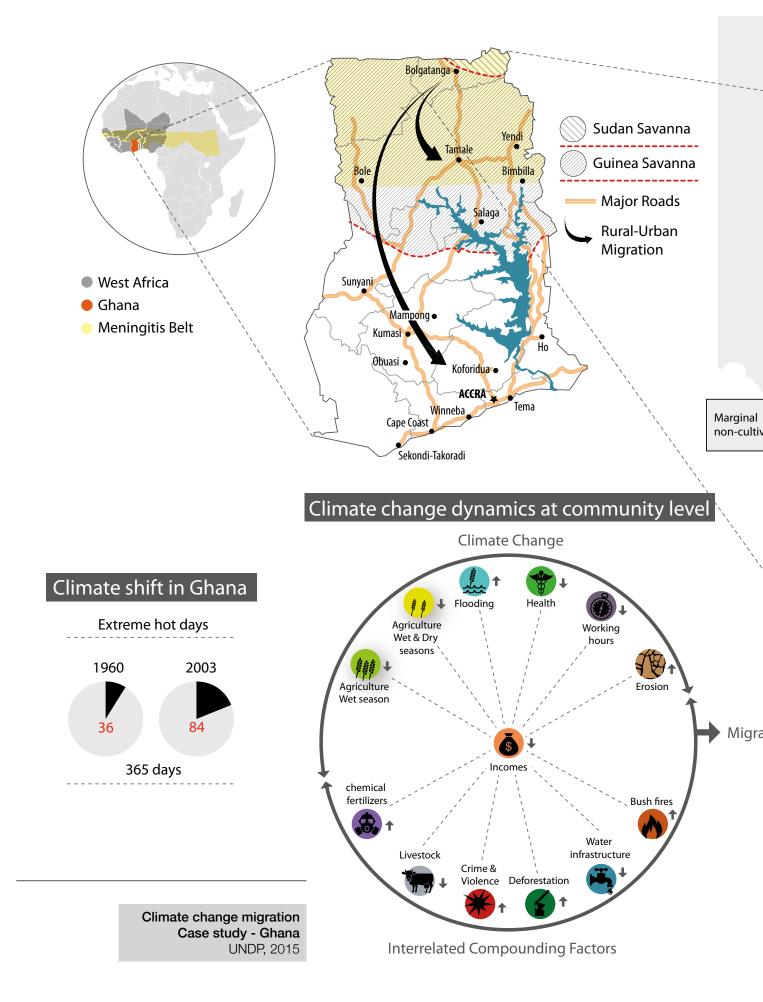
1995-2010 evolution

Consumption of ozone-depleting substances

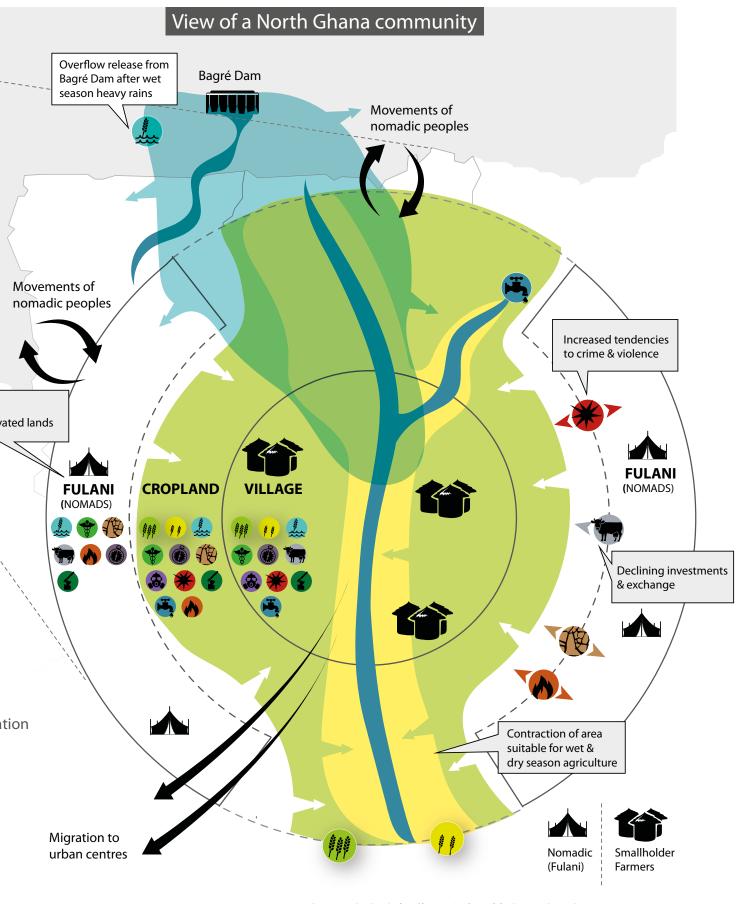


West Balkan Environmental Core Set of Indicators EEA, 2012

CLIMATE CHANGE MIGRATION CAS



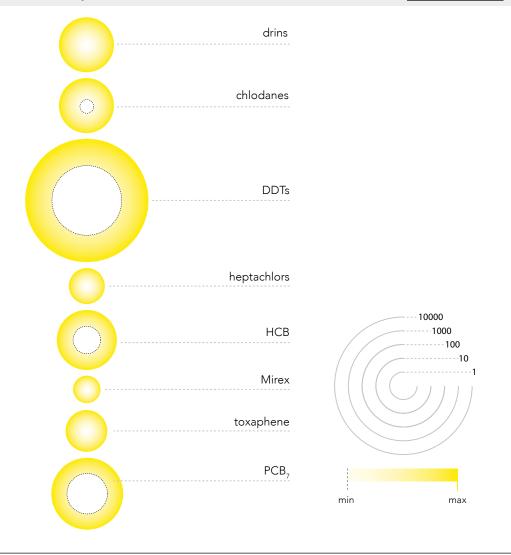
E STUDY: UPPER EAST GHANA

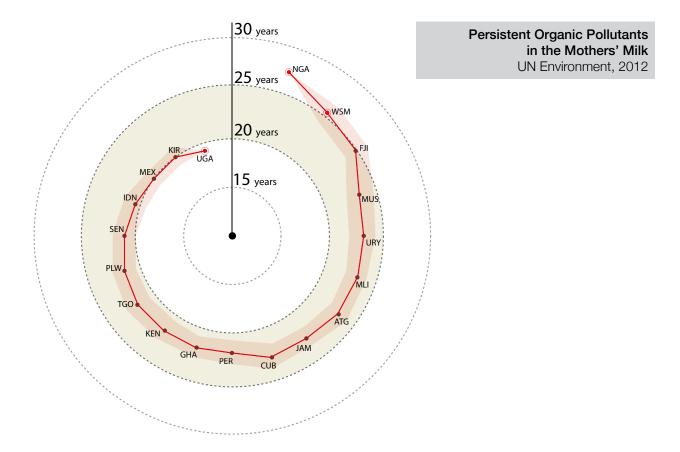


Sources: DARA & the Climate Vulnerable Forum (2012) Credits: M.O. McKinnon (UNDP Geneva) and E. Tachie-Obeng (EPA-Ghana) Layout & design: Zoï Environment Network © UNDP 2015

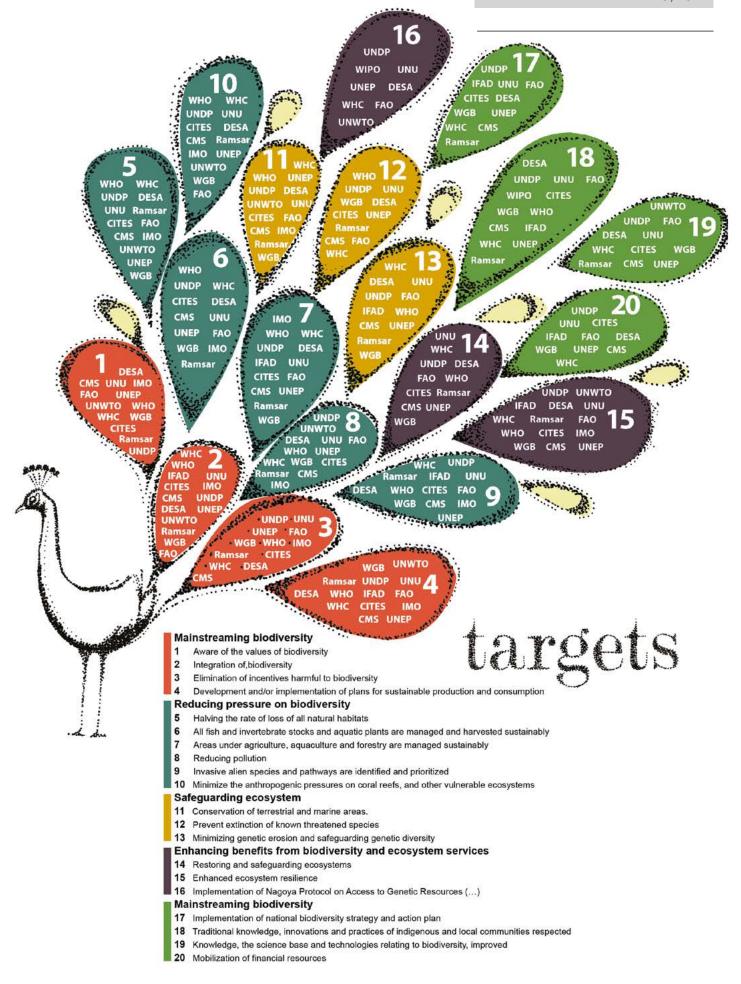
Summary of results of 9 POPs in mothers'milk

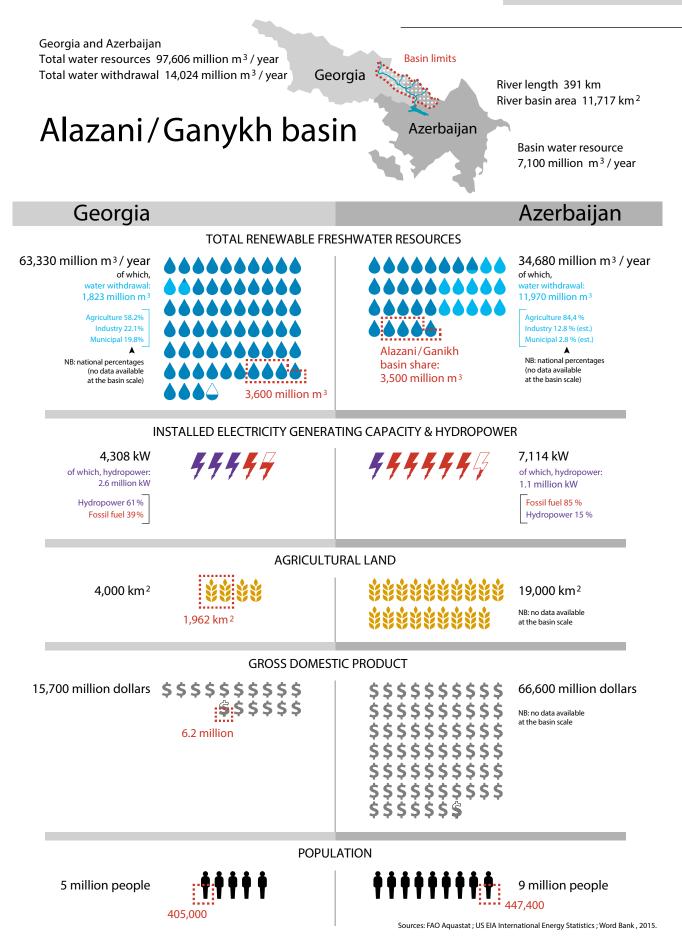
UNIT → ng g¹fat



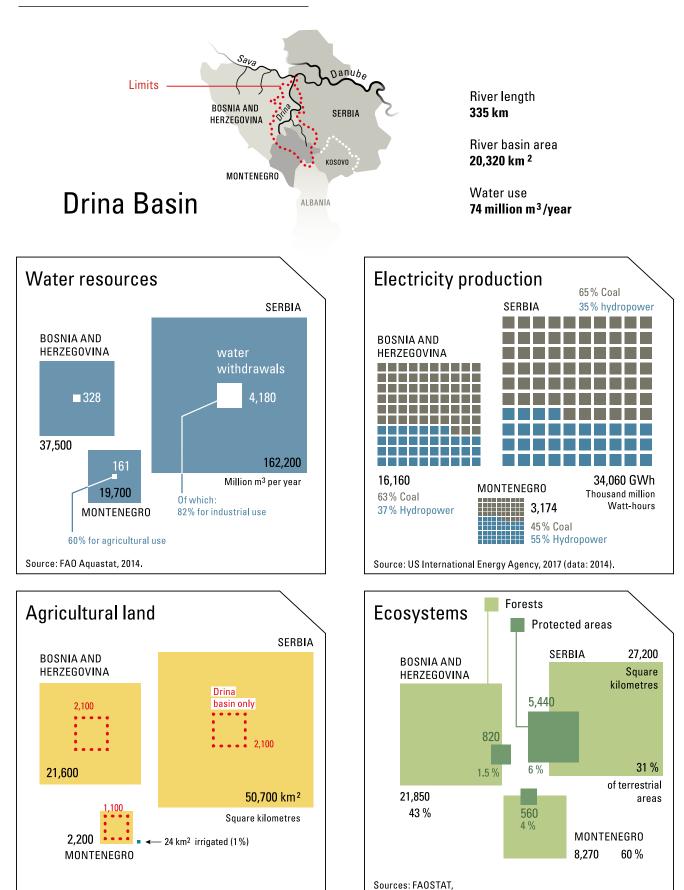


UN Strategic Plan for Biodiversity 2011-2020 EMG, 2012





Source: FAOSTAT, 2014.



2014; World Database on Protected Areas, UNEP- WCMC, 2016.