

UNIVERSITIES AND THE SDG

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WUN Presidents Forum

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 **SUSTAINABLE DEVELOPMENT GOALS**

1 NO POVERTY



2 ZERO HUNGER



3 GOOD HEALTH



4 QUALITY EDUCATION



5 GENDER EQUALITY



6 CLEAN WATER AND SANITATION



7 AFFORDABLE AND CLEAN ENERGY



8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



10 REDUCED INEQUALITIES



11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION



13 CLIMATE ACTION



14 LIFE BELOW WATER



15 LIFE ON LAND



16 PEACE AND JUSTICE



17 PARTNERSHIPS FOR THE GOALS




SUSTAINABLE DEVELOPMENT GOALS

THE TRIPLE-BOTTOM LINE

ECONOMIC DEVELOPMENT

SOCIAL INCLUSION

ENVIRONMENTAL SUSTAINABILITY

ALL SUPPORTED BY GOOD GOVERNANCE

AND PARTNERSHIPS

THE SDGS WERE MOTIVATED, IN PART,
BY THE MANY OPERATIONAL SUCCESSES
OF THE
MILLENNIUM DEVELOPMENT GOALS



1

ERADICATE EXTREME
POVERTY AND HUNGER



2

ACHIEVE UNIVERSAL
PRIMARY EDUCATION



3

PROMOTE GENDER
EQUALITY AND
EMPOWER WOMEN



4

REDUCE
CHILD MORTALITY



5

IMPROVE MATERNAL
HEALTH



6

COMBAT HIV/AIDS,
MALARIA AND OTHER
DISEASES



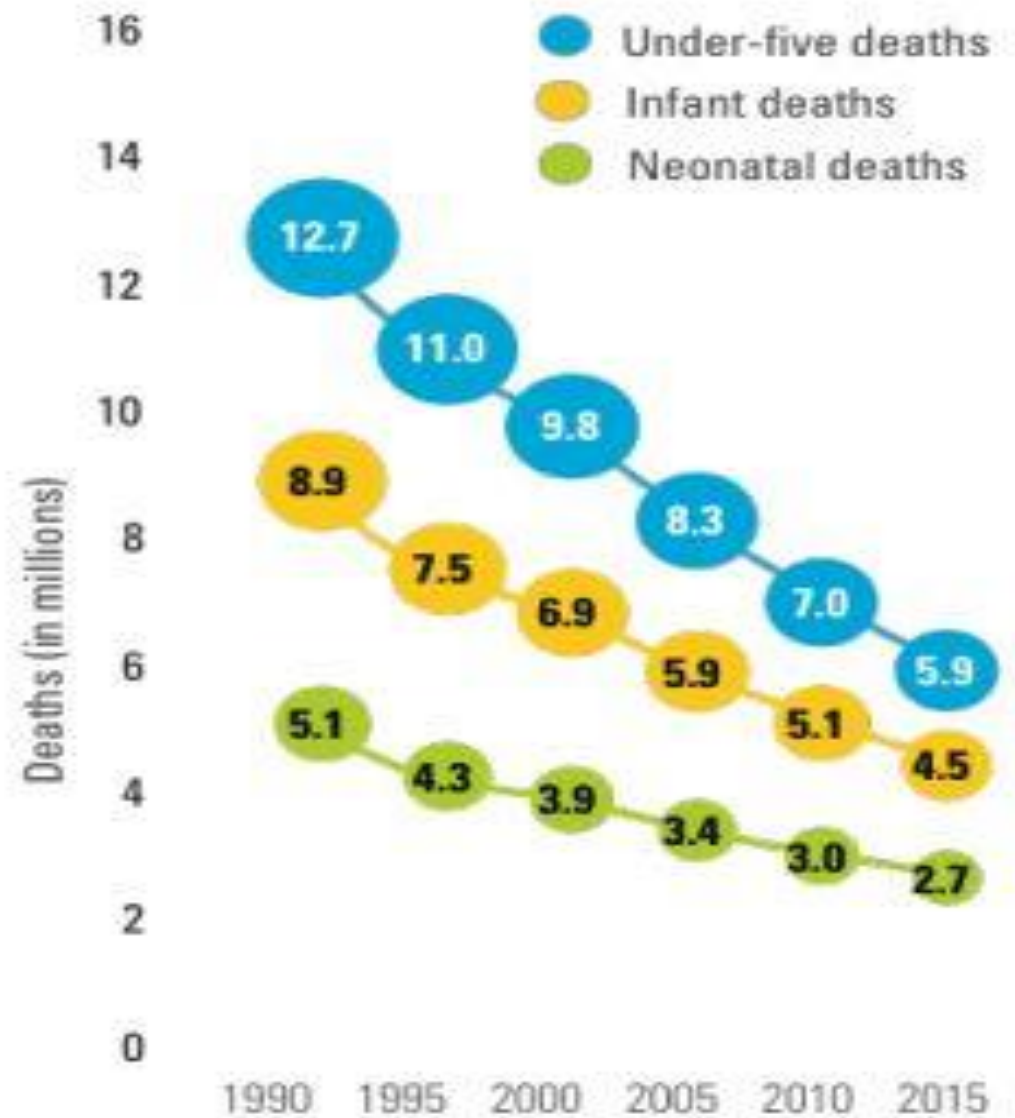
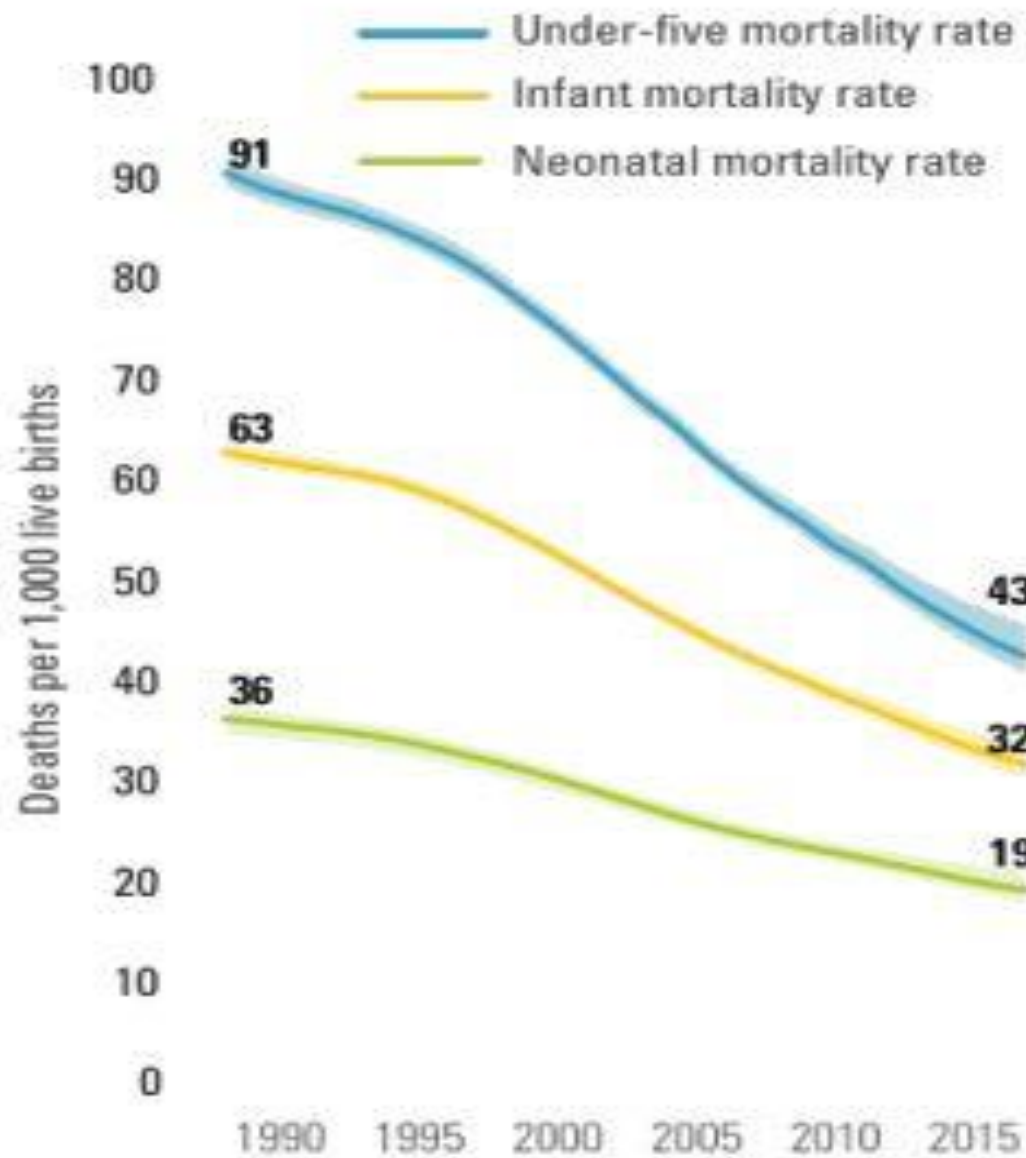
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ENSURE
ENVIRONMENTAL
SUSTAINABILITY

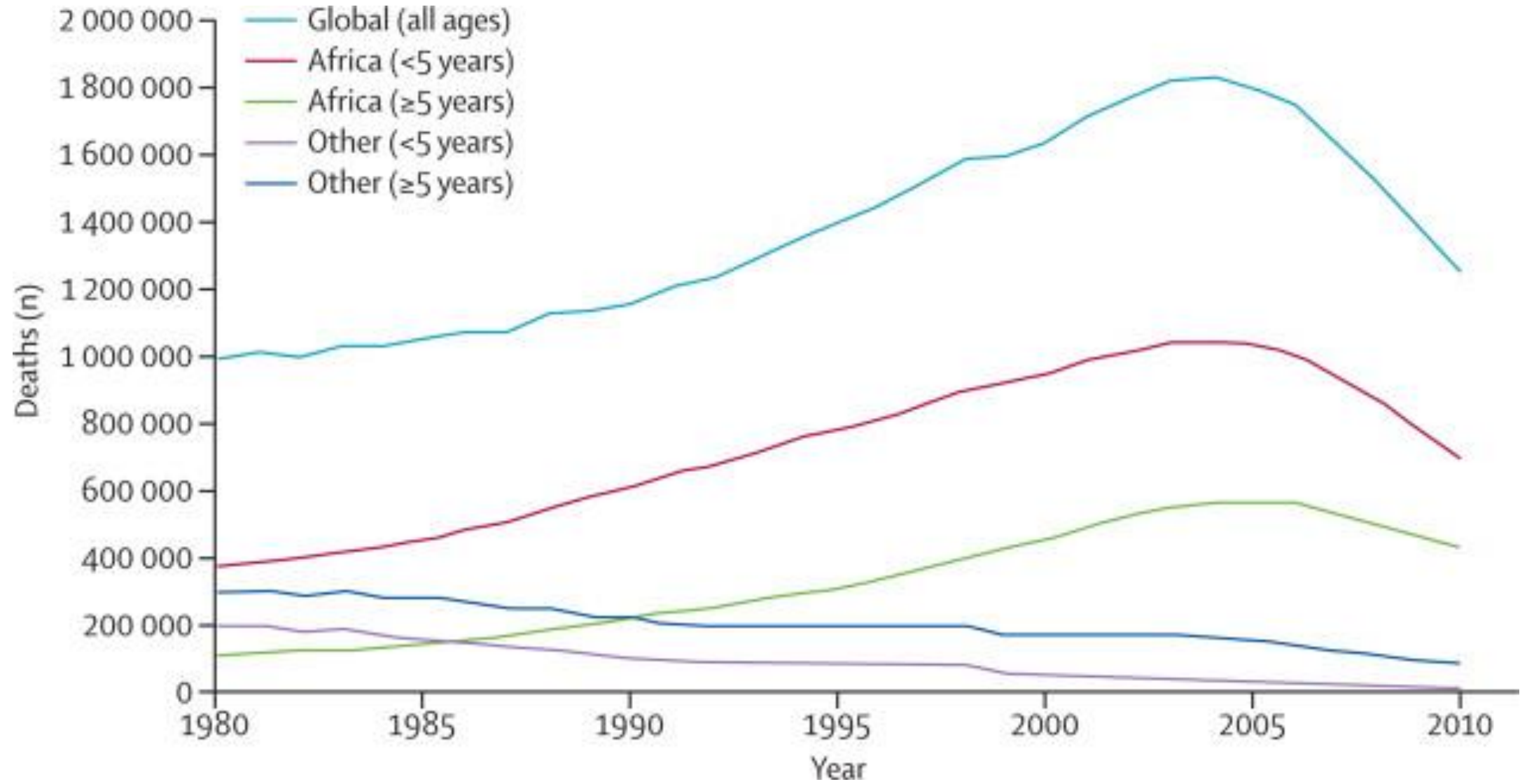


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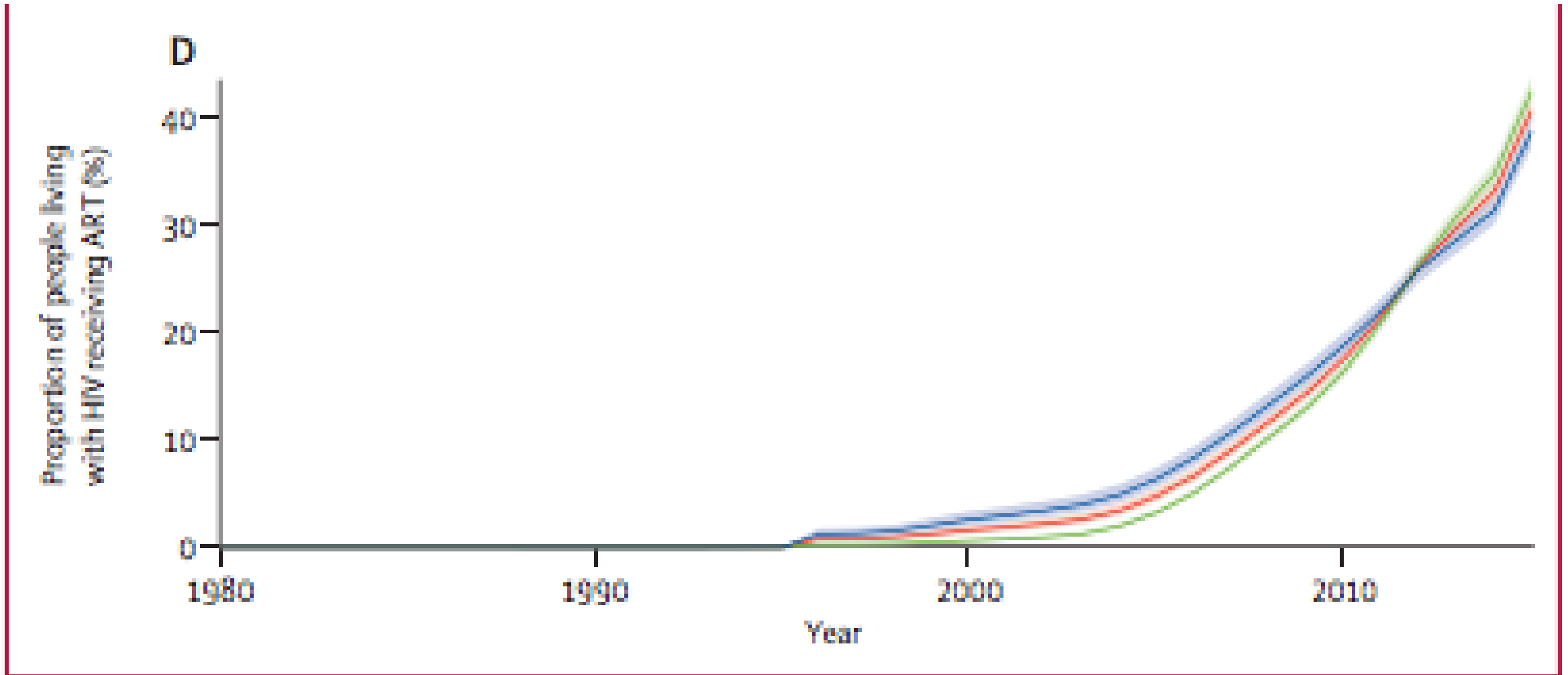
GLOBAL
PARTNERSHIP FOR
DEVELOPMENT



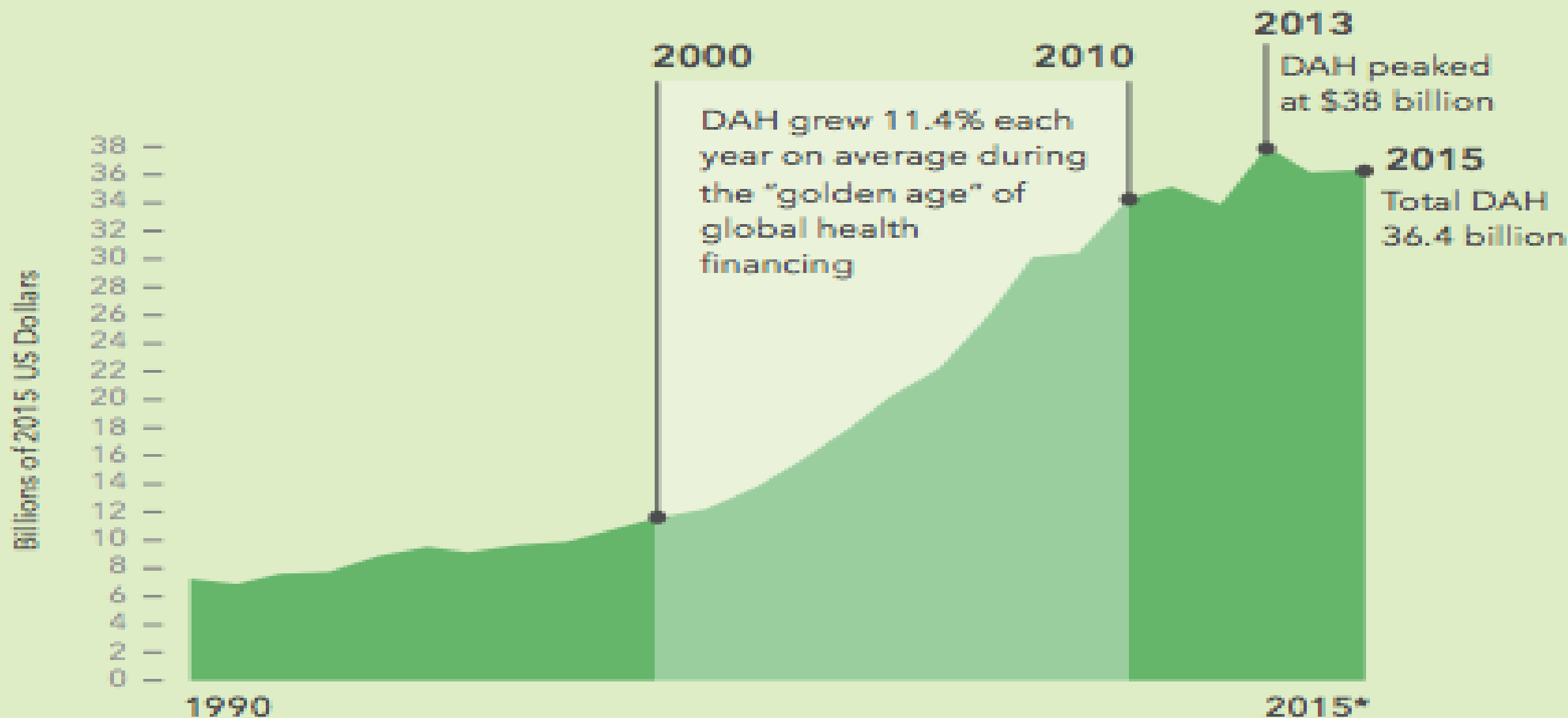
REDUCTION OF MALARIA DEATHS AFTER GLOBAL SCALE UP PLANS ADOPTED



PROPORTION OF HIV-INFECTED USING ANTIRETROVIRALS



Spending on development assistance for health (DAH)



*Preliminary estimates for 2014 and 2015

WHAT'S NEW WITH THE SDGs?

Universal Health Coverage

Universal Secondary Education

Focus on Infrastructure

Focus on Inequalities

Reversing Environmental Harms

Focus on Peace and Wellbeing

GLOBAL ASSETS FOR SDG BREAKTHROUGHS TO 2030

ICTs: REMOTE SENSING AND MONITORING, SMART SYSTEMS, MOBILE BROADBAND, E-PAYMENTS, UNIQUE ID, TELEMEDICINE, EMERGENCY SERVICES, REMOTE DIAGNOSTICS, ETC.

NEW STRATEGIES: SUCH AS 90-90-90 TO END AIDS

GREAT GLOBAL WEALTH: \$126 TRILLION GWP (PPP) IN 2017

SOME PRIORITIES FOR GLOBAL SDG ACTION:

GLOBAL FUND FOR EDUCATION

GLOBAL FUND FOR HEALTH SYSTEMS (ESPECIALLY
COMMUNITY-BASED HEALTH DELIVERY WITH ICTS)

GLOBAL FUND FOR MODERN ENERGY SERVICES

IMPLEMENTING THE PARIS CLIMATE AGREEMENT

GLOBAL PROTECTION OF BIODIVERSITY (SDGS 14 AND 15)

THE UNIQUE ROLES OF HIGHER EDUCATION

AREAS FOR UNIVERSITY LEADERSHIP IN THE SDGS

- **EDUCATION FOR SUSTAINABLE DEVELOPMENT**
- **POLICY ANALYSIS FOR SUSTAINABLE DEVELOPMENT**
- **RD&D FOR SUSTAINABLE DEVELOPMENT**
- **INCUBATION OF NEW BUSINESSES**
- **CONVENING OF SD STAKEHOLDERS**

Global MDP Program

The Global Master's in Development Practice (MDP), an interdisciplinary graduate degree program, prepares students to better identify and address the challenges of sustainable development. MDP programs generally consist of two years of coursework in four intersecting disciplines—health, natural, social, and management sciences--combined with cross-sectoral field training.

HEALTH
SCIENCES

SOCIAL
SCIENCES

SUSTAINABLE
DEVELOPMENT
PRACTICE

MANAGEMENT
SCIENCES

NATURAL
SCIENCES

SOME AREAS FOR POLICY LEADERSHIP

Monitoring, Metrics, and Accountability

Pathways Analysis (e.g. DDPP, FABLE, TWI2050)

Costing Analytics (e.g. CHWs, 90-90-90, Education)

Demonstration Projects

UNIVERSITY-BASED R&D FOR THE SDGS

(a few recent examples)

Soil testing (food production)

Precision agriculture

Telemedicine and Tele-dentistry

Remote diagnostics (e.g. malaria, Ebola)

Off-grid renewable energy

Online education for low-income settings

Local language online education

WORLD-LEADING INNOVATION HUBS AND THE UNIVERSITIES



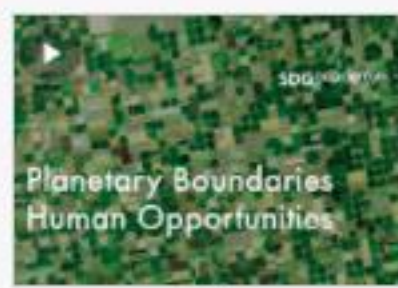
THE NEED FOR AFRICAN UNIVERSITIES TO PROMOTE CUTTING-EDGE INNOVATION



Details



Details



Details



Details



Details



Details



Details



Details



Details



Details

SDG ACADEMY:

<https://courses.sdgacademy.org/>

HEALTH

CITIES

OCEANS

HUMAN RIGHTS

PLANETARY BOUNDARIES

SDGS

ENERGY SOLUTIONS

AND MORE . . .

KNOWLEDGE-BASED CONVENING OF SDG STAKEHOLDERS



THE SUSTAINABLE DEVELOPMENT GOALS CENTER FOR AFRICA

Connecting ideas • Strengthening capacity • Innovating solutions



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Civil Society, Business, Citizens
and Academia





COP22
Low-Emissions
Solutions
CONFERENCE

A world map where the continents are filled with a dense pattern of small, colorful L-shaped tiles in various colors including red, blue, green, yellow, and pink. The background is a dark blue color.

ICSD 2017

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Lerner Hall, Columbia University, New York, USA

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SUSTAINABLE DEVELOPMENT
SOLUTIONS NETWORK
A GLOBAL INITIATIVE FOR THE UNITED NATIONS

