



22 MAGGIO 2017
Festival dello Sviluppo Sostenibile

YOUTH 4 SDGs Il ruolo dei giovani nello sviluppo sostenibile

(Un)Sustainability of Human Activities



*Carol Maione, Filippo Gambardella
Politecnico di Milano*

PARTNER



MAIN MEDIA PARTNER



MEDIA PARTNER



CON LA COLLABORAZIONE DI



The Role of Youth #KnowYourGoals

<https://www.youtube.com/watch?v=sfVKkngMHig>



2030 2015 2012 2000

MILLENNIUM SUMMIT

-New York-
Birth of MDGs

- need for global partnerships
- reduce extreme poverty
- promote peace, security and disarmament
- recognize human dignity, equality and equity
- center strategies around freedom, solidarity, tolerance, respect for nature and shared responsibility
- 2015 Development Agenda

RIO+20

-Rio de Janeiro-
Launch of SDGs

- develop a set of goals built upon the MDGs and post Agenda 2015
- decisions on thematic areas: energy, food security, oceans, cities
- establish new frameworks and initiatives

UN SUSTAINABLE DEVELOPMENT SUMMIT

-New York-
Adoption of SDGs

- ambitious new sustainable development agenda
- action to end poverty, promote prosperity and well-being for all, protect the environment and address climate change
- 2030 Agenda for Sustainable Development

DEADLINE

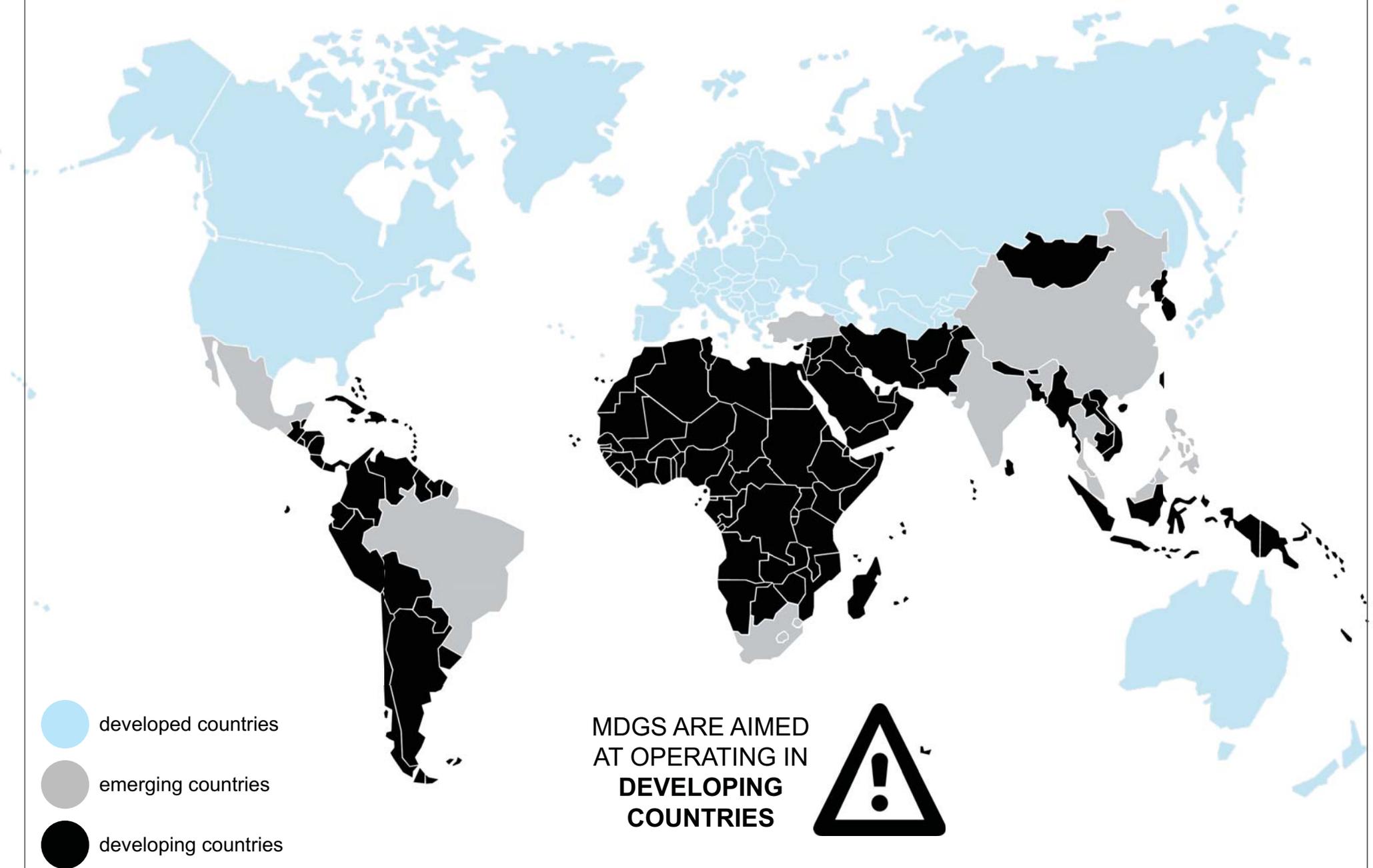
for achieving the SDGs

.....?

WE CAN END POVERTY 2015 MILLENNIUM DEVELOPMENT GOALS



Places of Operation



**MDGS ARE AIMED
AT OPERATING IN
DEVELOPING
COUNTRIES**



https://www.youtube.com/watch?v=5_hLuEui6ww



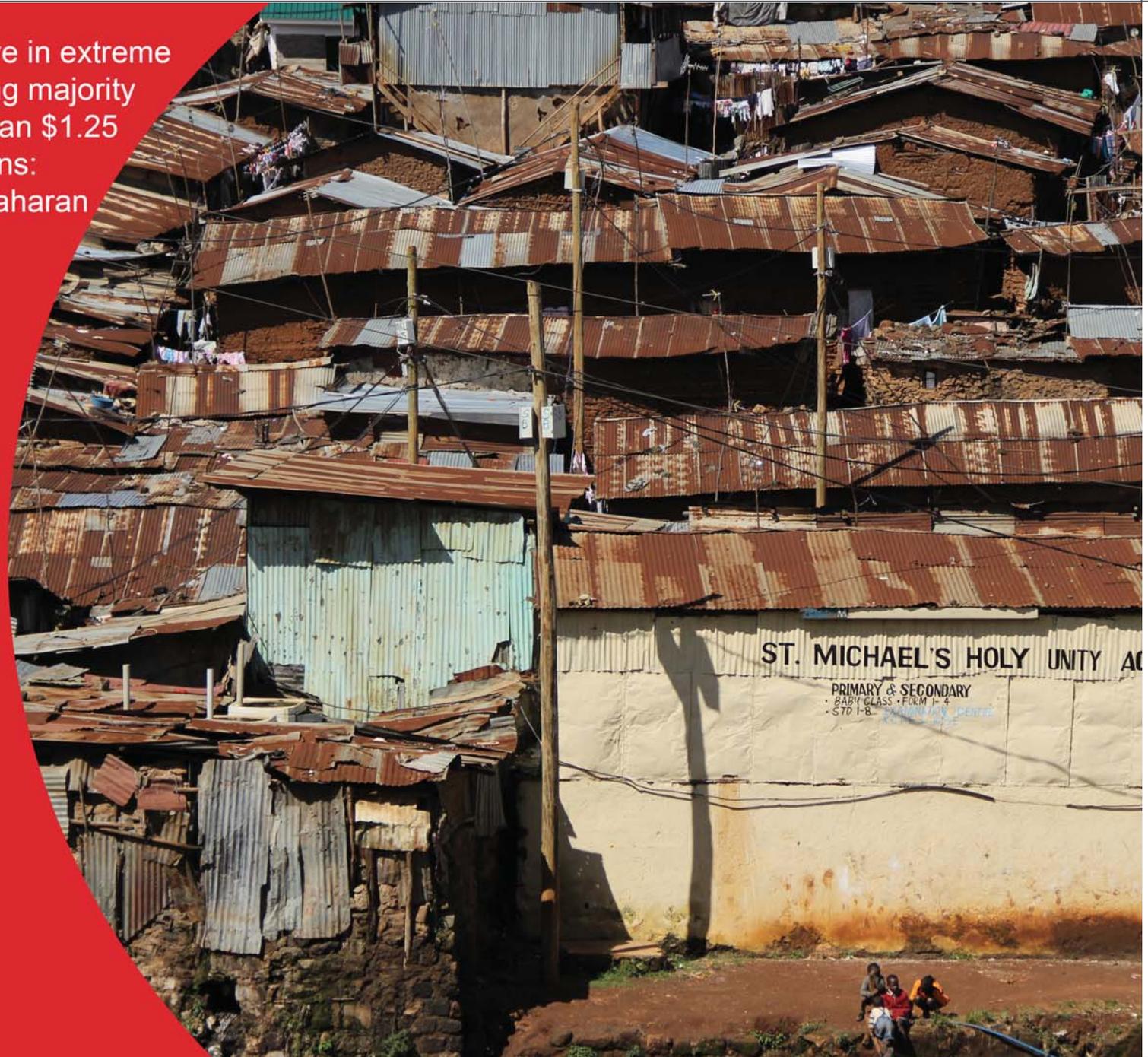
SUSTAINABLE DEVELOPMENT GOALS



1-NO POVERTY

“836 million people still live in extreme poverty. The overwhelming majority of people living on less than \$1.25 a day belong to two regions: Southern Asia and sub-Saharan Africa.”

1 NO POVERTY





2 ZERO HUNGER



“Globally, one in nine people in the world today (795 million) are undernourished. Poor nutrition nearly half (45 per cent) of deaths in children under five – 3.1 million children each year.”

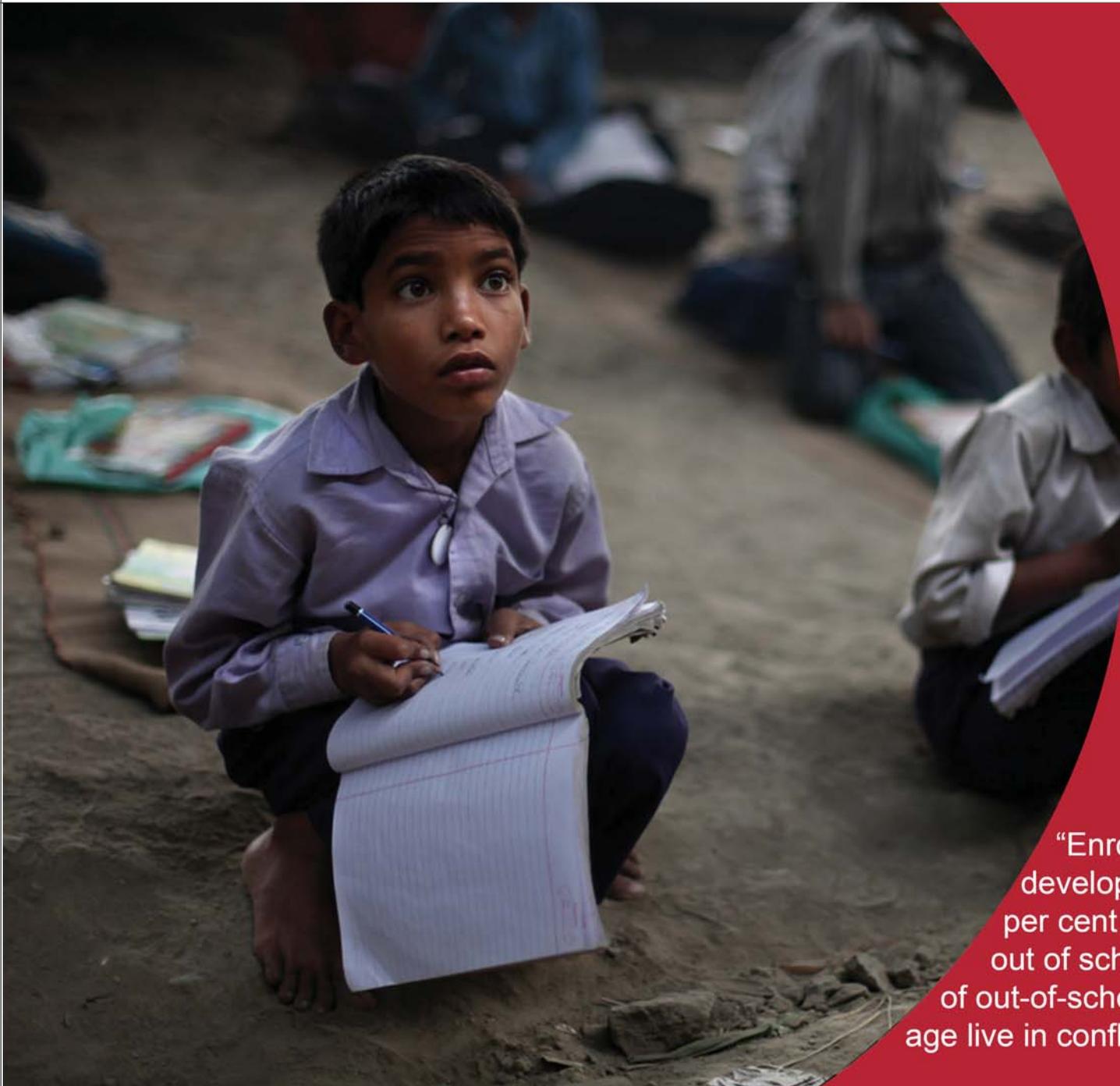


3-GOOD HEALTH AND WELL-BEING

“Globally, adolescent girls and young women face gender-based inequalities, exclusion, discrimination and violence which put them at increased risk of acquiring HIV. AIDS is now the leading cause of death among adolescents (aged 10–19) in Africa and the second most common cause of death among adolescents globally.”

3 GOOD HEALTH
AND WELL-BEING





4 QUALITY EDUCATION



“Enrolment in primary education in developing countries has reached 91 per cent but 57 million children remain out of school. An estimated 50 per cent of out-of-school children of primary school age live in conflict-affected areas.”



5 GENDER
EQUALITY



“About two thirds of countries in the developing regions have achieved gender parity in primary education. But in sub-Saharan Africa, Oceania and Western Asia, girls still face barriers to entering both primary and secondary school.”



6 CLEAN WATER AND SANITATION



“Water and sanitation are at the very core of sustainable development, critical to the survival of people and the planet. Goal 6 not only addresses the issues relating to drinking water, sanitation and hygiene, but also the quality and sustainability of water resources worldwide.”



7-AFFORDABLE AND CLEAN ENERGY

7 AFFORDABLE AND CLEAN ENERGY



“Energy is the dominant contributor to climate change, accounting for around 60 per cent of total global greenhouse gas emissions. Reducing the carbon intensity of energy is a key objective in long-term climate goals.”

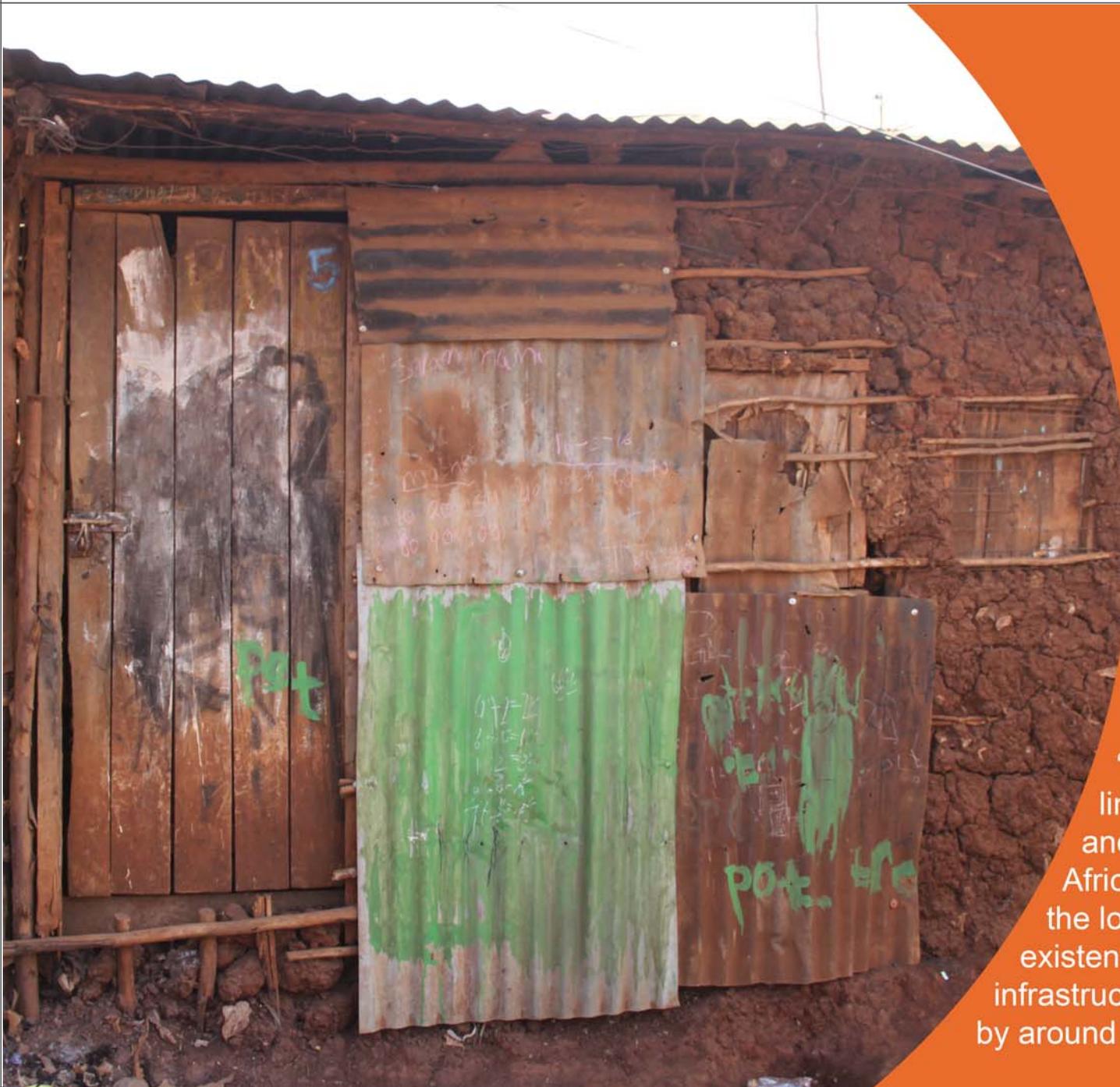


8-DECENT WORK AND ECONOMIC GROWTH

“Global unemployment increased from 170 million in 2007 to nearly 202 million in 2012, of which about 75 million are young women and men. 470 million jobs are needed globally for new entrants to the labour market between 2016 and 2030.”

8 DECENT WORK AND
ECONOMIC GROWTH





9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



“Undeveloped infrastructures limits access to health care and education. For many African countries, particularly the lower-income countries, the existent constraints regarding infrastructure affect firm productivity by around 40 per cent.”



10-REDUCED INEQUALITIES

“A significant majority of households in developing countries - more than 75 per cent of the population - are living today in societies where income is more unequally distributed than it was in the 1990s. On average - and taking into account population size - income inequality increased by 11 per cent in developing countries between 1990 and 2010.”

10 REDUCED INEQUALITIES



11-SUSTAINABLE CITIES AND COMMUNITIES

“By 2030, almost 60 per cent of the world’s population will live in urban areas. Rapid urbanization is exerting pressure on fresh water supplies, sewage, the living environment, and public health.”

11 SUSTAINABLE CITIES AND COMMUNITIES



12-RESPONSIBLE PRODUCTION AND CONSUMPTION



12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



“Should the global population reach 9.6 billion by 2050, the equivalent of almost three planets could be required to provide the natural resources needed to sustain current lifestyles.”





13 CLIMATE ACTION



“From 1880 to 2012, average global temperature increased by 0.85°C. Moreover, global emissions of carbon dioxide (CO₂) have increased by almost 50 per cent since 1990.”

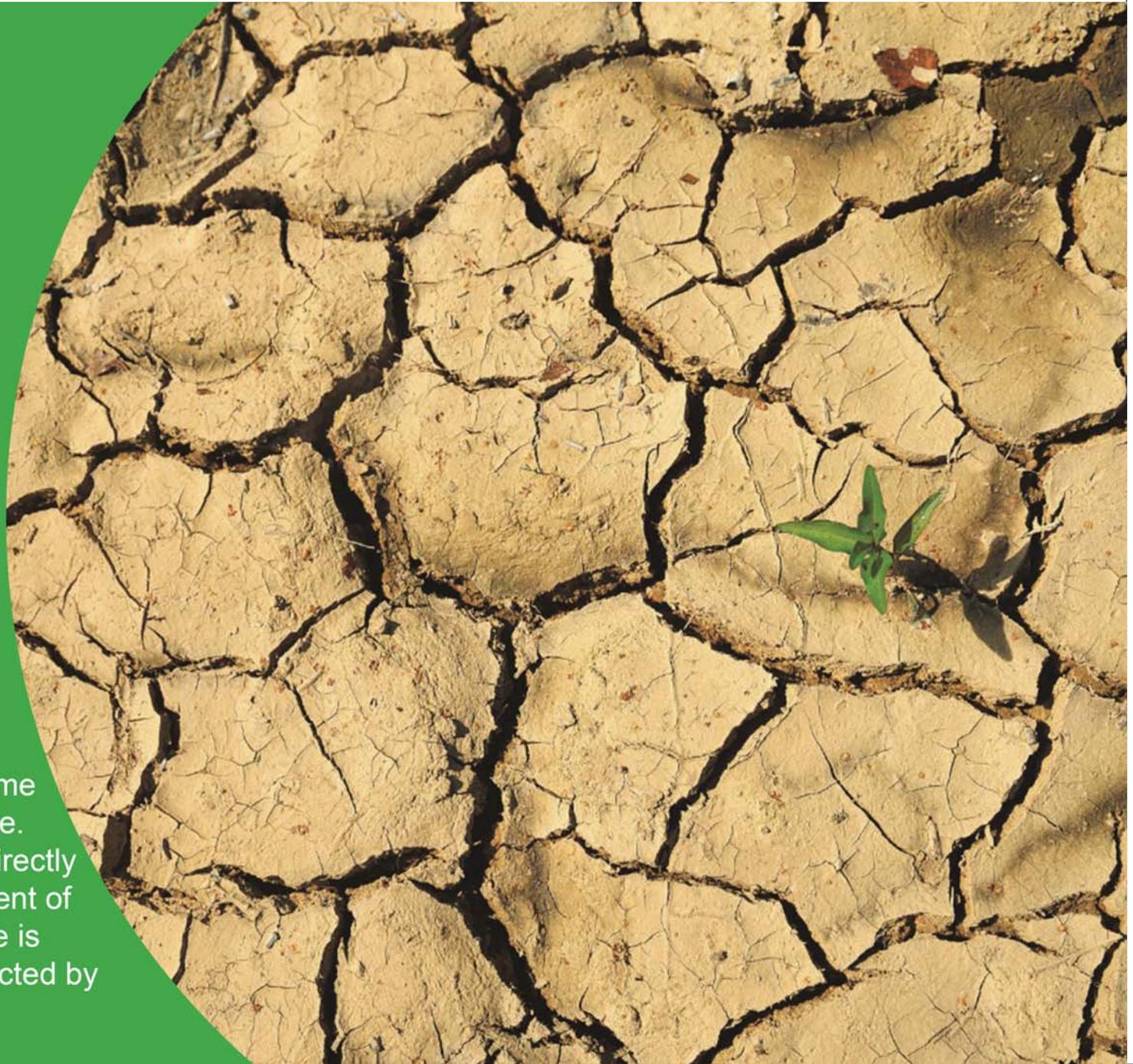


14-LIFE BELOW WATER

“As much as 40 per cent of the world oceans are heavily affected by human activities, including pollution, depleted fisheries, and loss of coastal habitats. Oceans absorb about 30 per cent of carbon dioxide produced by humans, buffering the impacts of global warming.”

14 LIFE
BELOW WATER





15 LIFE ON LAND



“Around 1.6 billion people depend on forests for their livelihood. This includes some 70 million indigenous people. 2.6 billion people depend directly on agriculture, but 52 per cent of the land used for agriculture is moderately or severely affected by soil degradation.”



16-PEACE, JUSTICE AND STRONG INSTITUTIONS

“Among the institutions most affected by corruption are the judiciary and police. Corruption, bribery, theft and tax evasion cost some US \$1.26 trillion for developing countries per year; this amount of money could be used to lift those who are living on less than \$1.25 a day above \$1.25 for at least six years.”

16 PEACE, JUSTICE
AND STRONG
INSTITUTIONS





“Achieving the ambitious targets of the 2030 Agenda requires a revitalized and enhanced global partnership that brings together Governments, civil society, the private sector, the United Nations system and other actors and mobilizes all available resources. Enhancing support to developing countries, in particular the least developed countries and the small island developing States, is fundamental to equitable progress for all.”

17 PARTNERSHIPS
FOR THE GOALS



The "5P" of Sustainable Development

MDGs 2000-2015

- 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
- 7 ENSURE ENVIRONMENTAL SUSTAINABILITY
- 8 GLOBAL PARTNERSHIP FOR DEVELOPMENT



empowering
PEOPLE



creating shared
PROSPERITY



safeguarding
PLANET



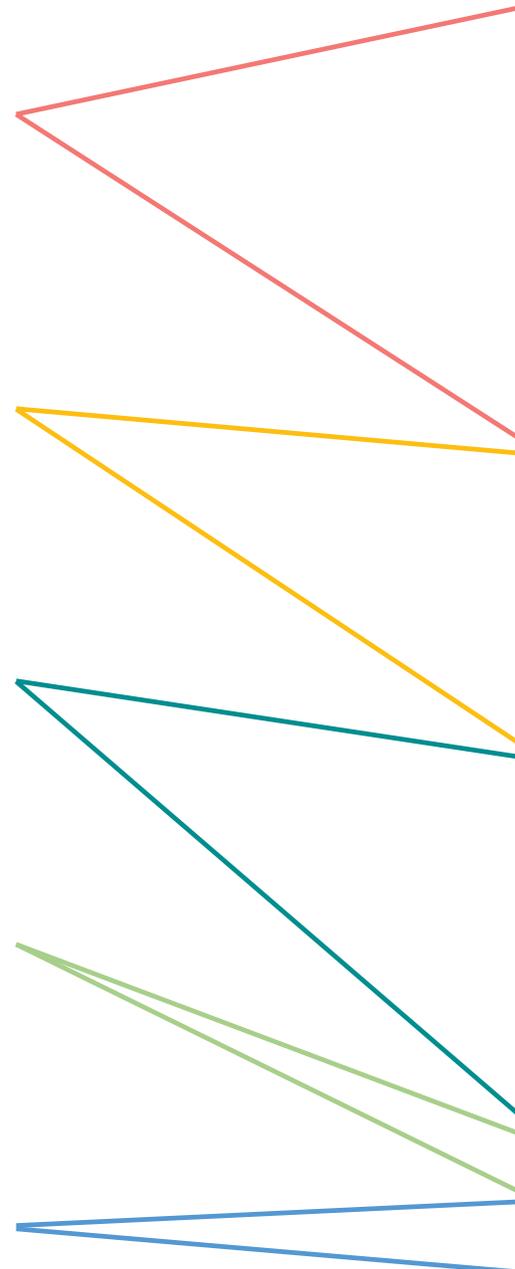
jobs and skills
PEACE



strengthening
PARTNERSHIPS

SDGs 2015-2030

- 1 NO POVERTY
- 2 ZERO HUNGER
- 3 GOOD HEALTH AND WELL-BEING
- 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 AND PRODUCTION
- 13 CLIMATE ACTION
- 14 LIFE BELOW WATER
- 15 LIFE ON LAND
- 16 PEACE, JUSTICE AND STRONG INSTITUTIONS
- 17 PARTNERSHIPS FOR THE GOALS





end poverty



end hunger



promote dignity

promote equality

ensure human rights



live in a healthy environment



ensure prosperous and fulfilling lives

promote economic progress

promote social progress

promote technological progress

in harmony with nature



protect planet



promote sustainable consumption and production



sustainably manage natural resources



take urgent action on climate change

support the needs of the present and future generations



foster peaceful, just and inclusive societies



free from fear and violence



no sustainable development without peace



no peace without sustainable development



mobilize the means required to implement the agenda



revitalize global partnership for sustainable development



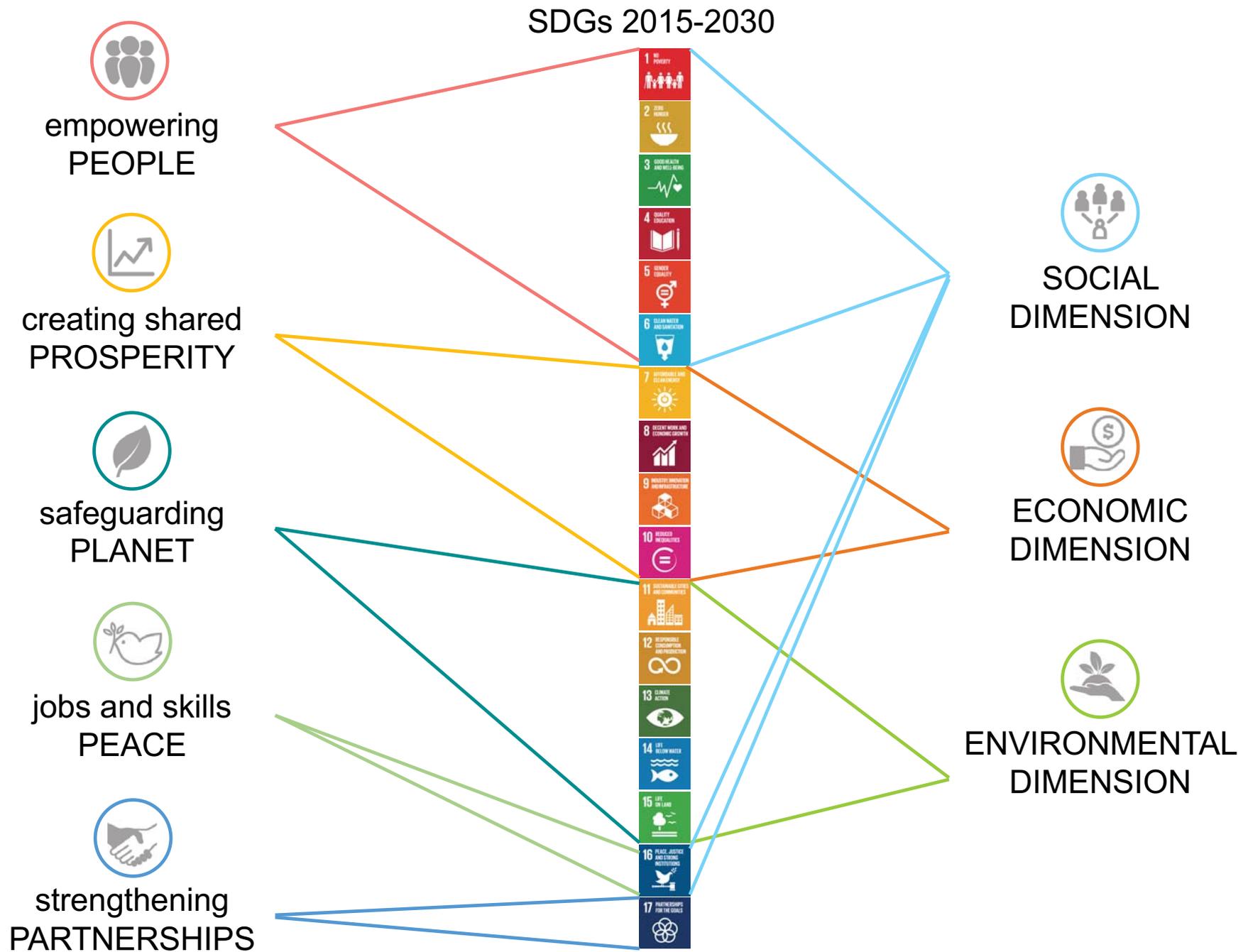
base on strengthened global solidarity



focus on the needs of the poorest and most vulnerable

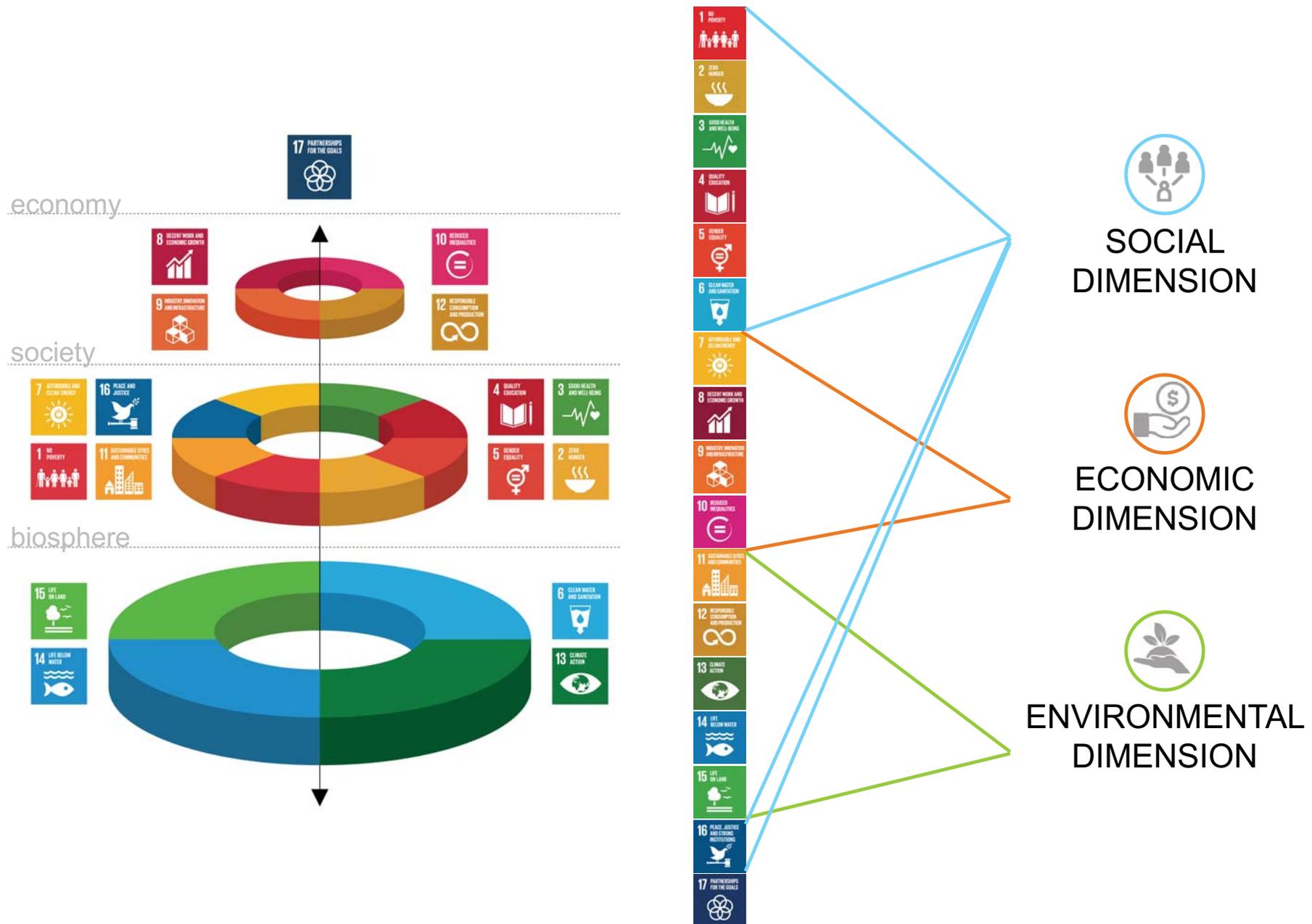
participation of all countries, all stakeholders and all people

The 3 Dimensions of Sustainable Development



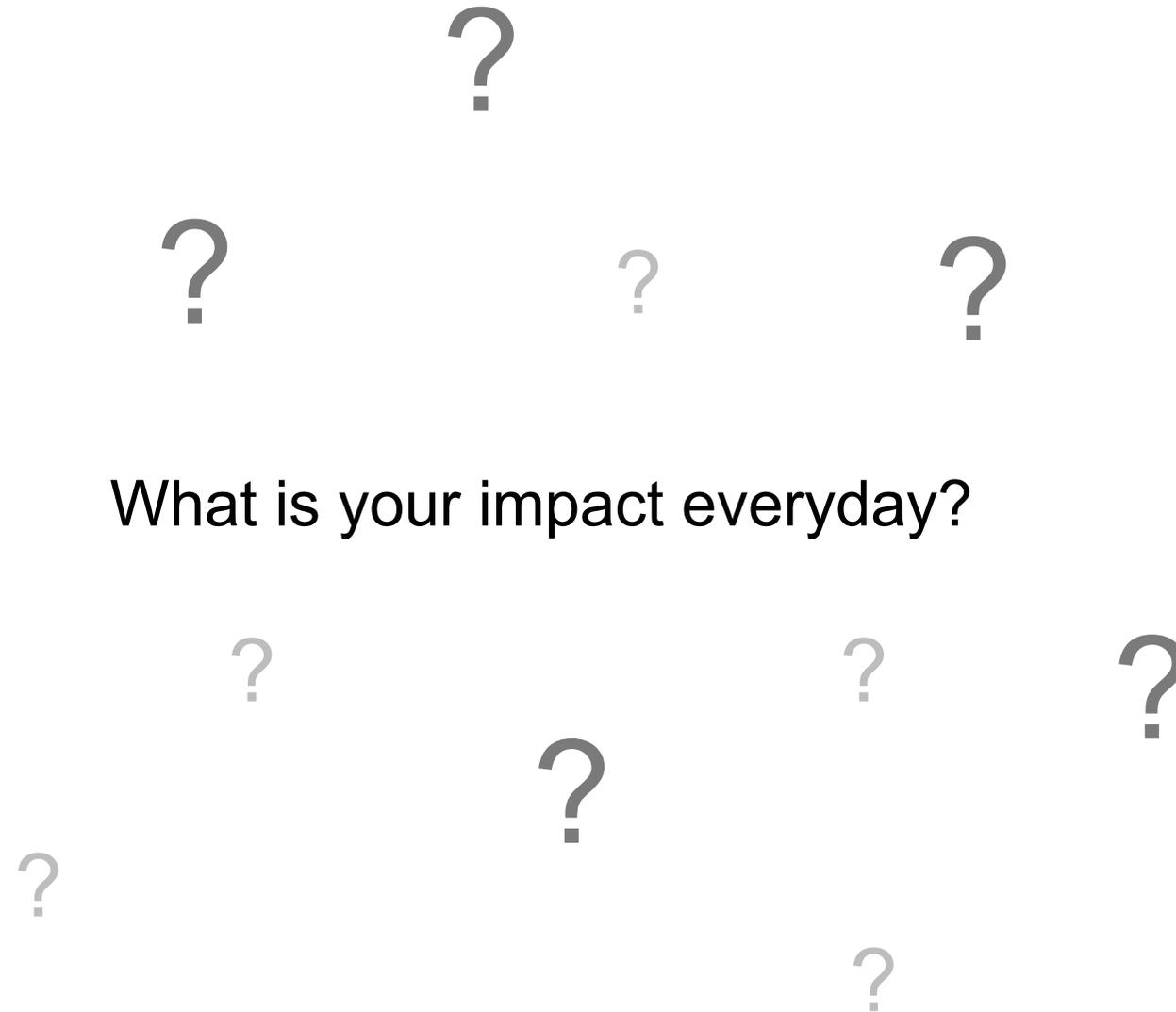
The 3 Dimensions of Sustainable Development

SDGs 2015-2030





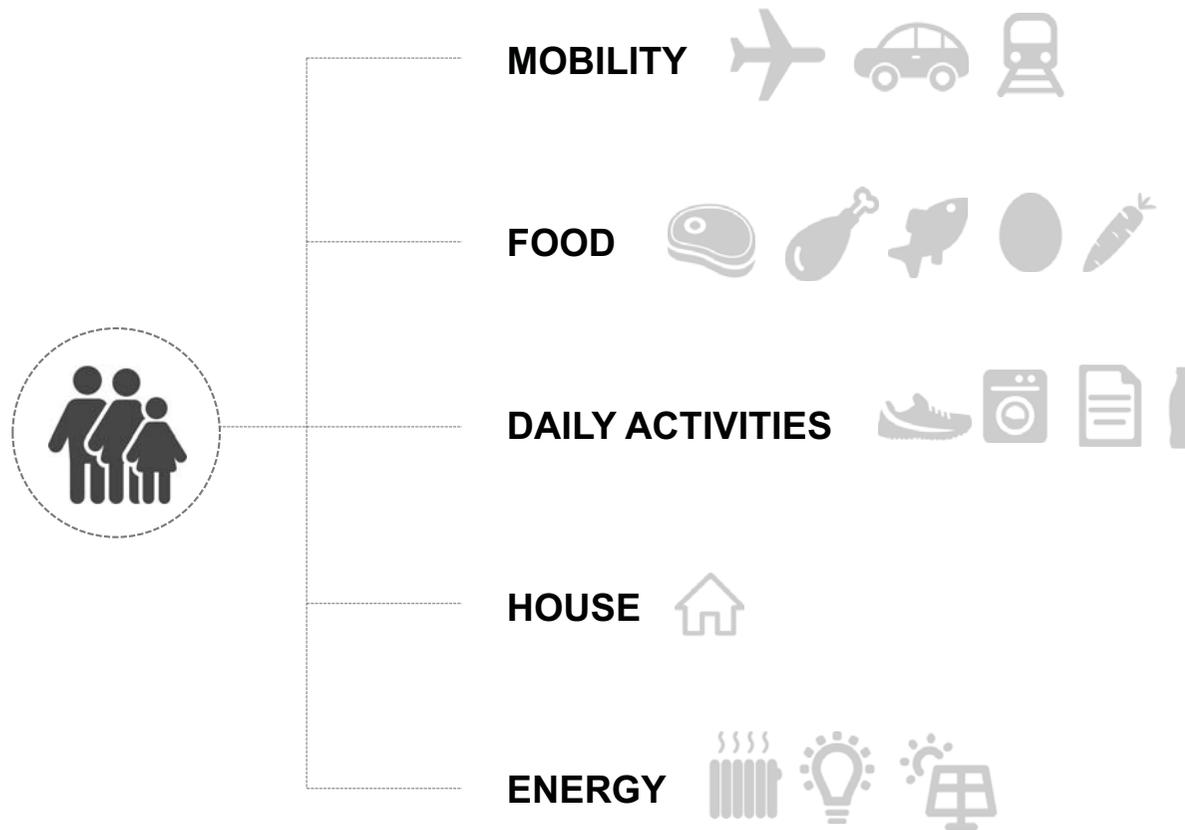
What is your impact everyday?



Calculate your footprint → www.footprintnetwork.org/resources/footprint-calculator/



How do We Impact on such Dimensions?



Calculate your footprint → www.footprintnetwork.org/resources/footprint-calculator/

<https://www.youtube.com/watch?v=6g49bL9f7mU&t=1s>





Nature, society and economy are equally important, and interdependences must be respected

In the past, the economic dimension prevailed

The «hegemony» of economy growth is responsible for today's unsustainability



https://www.youtube.com/watch?v=2_AMEAnWyRk



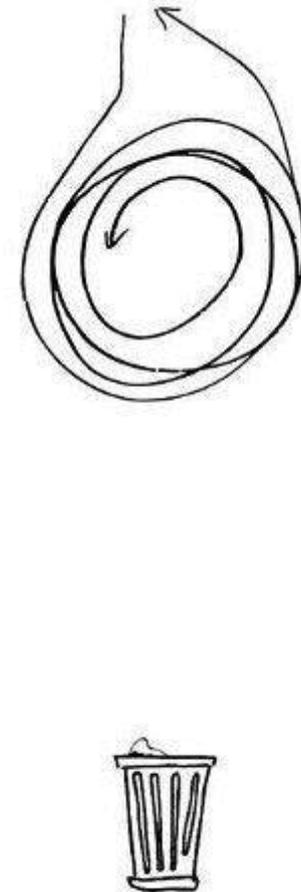
LINEAR ECONOMY



RECYCLING ECONOMY



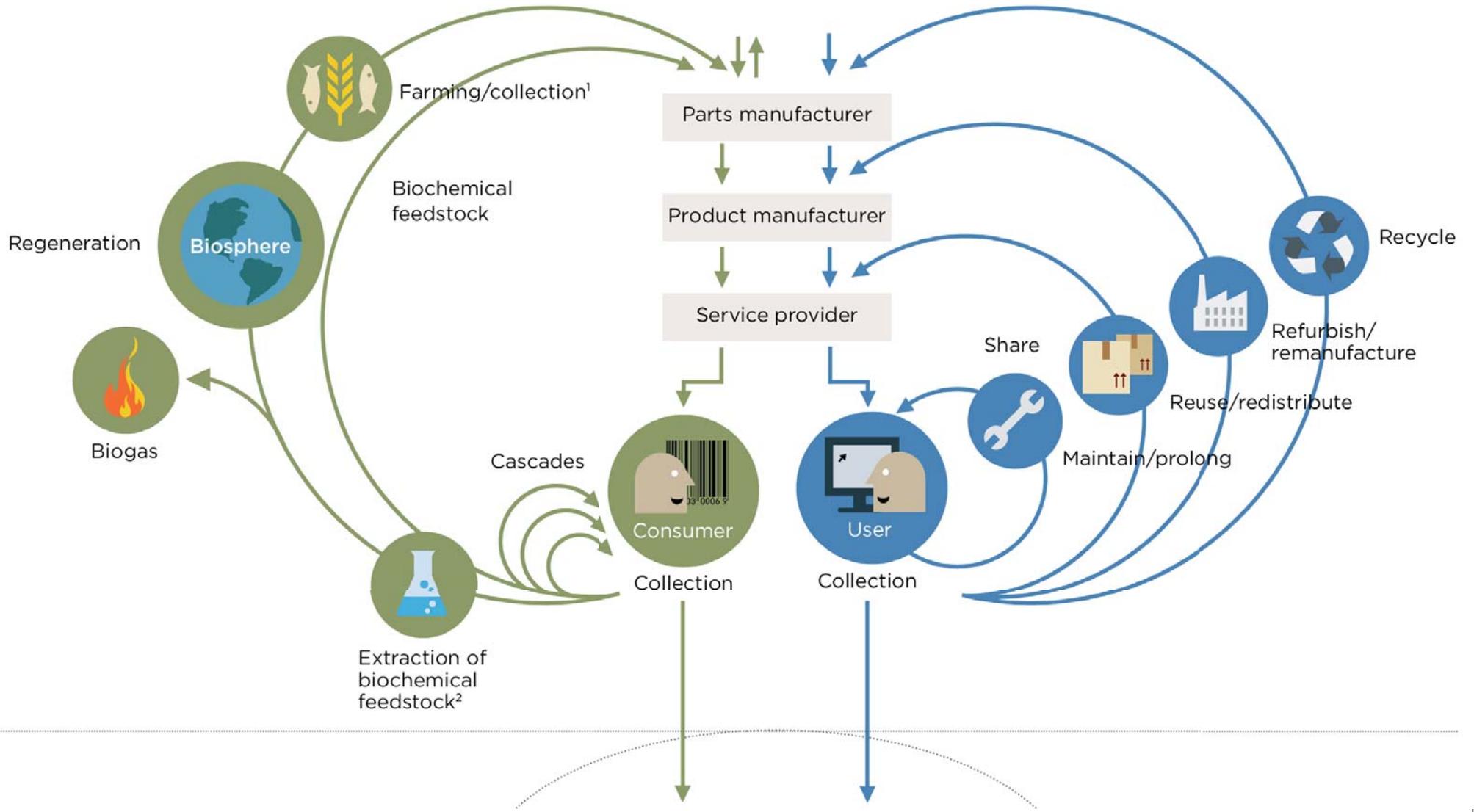
CIRCULAR ECONOMY



<https://www.youtube.com/watch?v=zCRKvDyyHml>



From Linear to Circular Economy



Take Action – on Every Possible Level



☼ Climate Vulnerable Forum ☼

Foro de Vulnerabilidad Climática



Forum de la Vulnérabilité Climatique

☼ منتدى المعرضين مناخياً ☼

2016 - 2018 Ethiopian Presidency

Last November, during COP22 in Marrakech, the 48 members of the Climate Vulnerable Forum vowed to use 100% renewable energy by 2050.



On May 2016, 4,000 environmental activists blocked an open-pit coal mine and a coal-fired power station in Germany for three days



Fairphone is a Dutch social enterprise aiming to make the supply chain of electronics more sustainable and transparent.

Fairphone 2 is the first modular and ethical smartphone.



Yale Decarbonization Challenge aims at reducing the carbon intensity of virtually all Yale alumni and student lifestyles by 8% per year

Polimi's Honours Programme Engineering for Sustainable Development prepares engineering students for the global challenges





So.....what about YOU?

Visit our exhibition and express your commitment to sustainable development!
Building 11, Atrio, Cubo

