

ADVANCING SUSTAINABLE CONSUMPTION & PRODUCTION:

CIRCULARITY IN THE ECONOMY OF TOMORROW



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ENVIRONMENTAL CHALLENGES AND LIFESTYLE CHOICES ARE DEFINING ISSUES OF OUR TIME

The concept of circularity allows us to advance sustainable consumption and production and the transition to inclusive green economies: how to reduce and eliminate waste and pollution through intelligent design; how to keep products and materials in use; and how to regenerate and grow natural wealth through economic and fiscal policies that nurture and embrace nature-based solutions.

All with the goal of delivering on the 2030 Agenda and the Sustainable Development Goals.



/ FACING CHALLENGES

Carbon and material intensive economic growth, rising social and environmental inequalities, and an increasingly unstable climate are undermining our ability to produce shared prosperity – and offer a chance to rethink and repurpose the economies of tomorrow.



/ RELENTLESS DEMAND

Global material extraction and material productivity 1970 – 2017

Global resource use

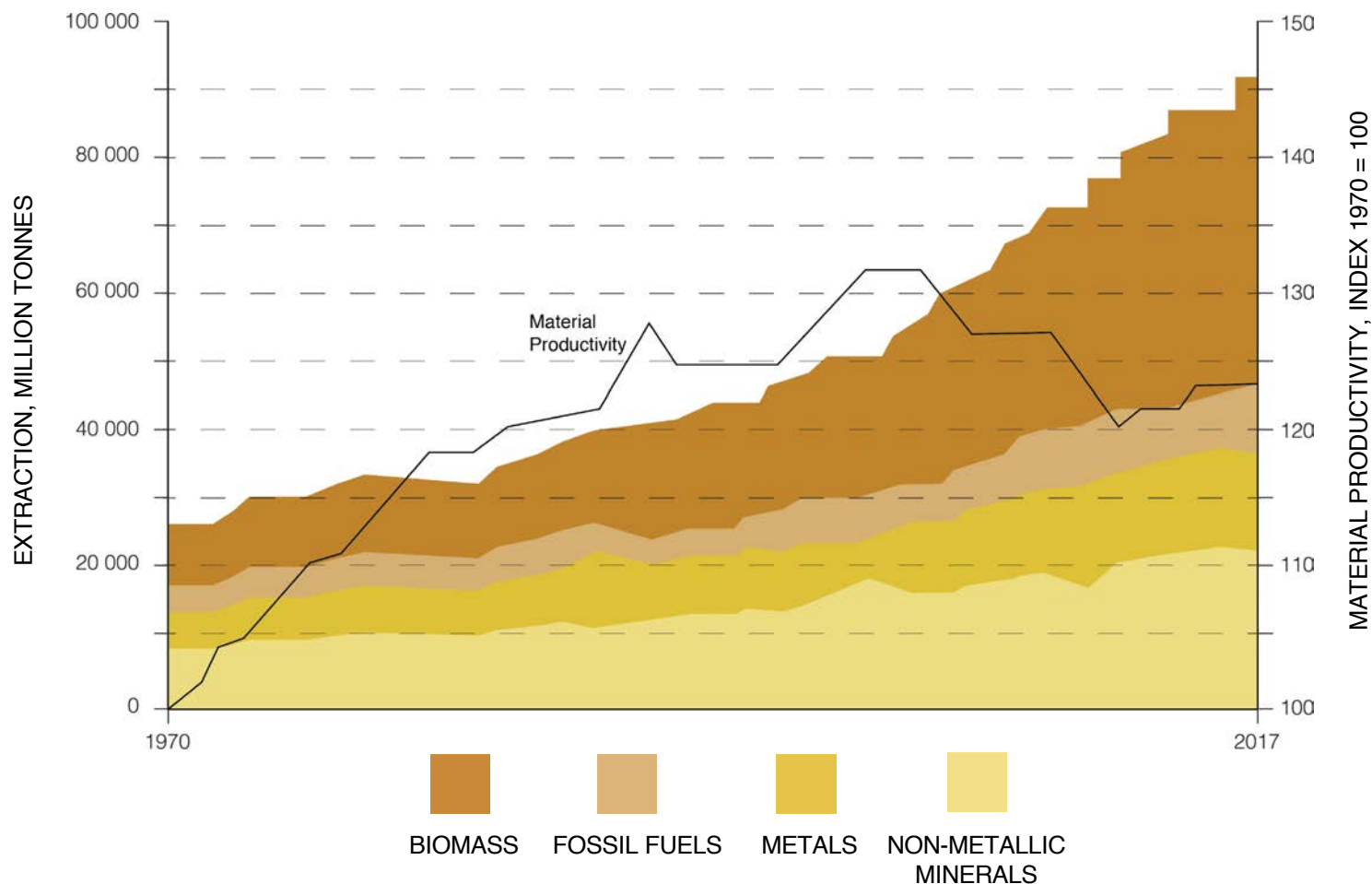
has more than **tripled** since 1970.

Global material demand per capita

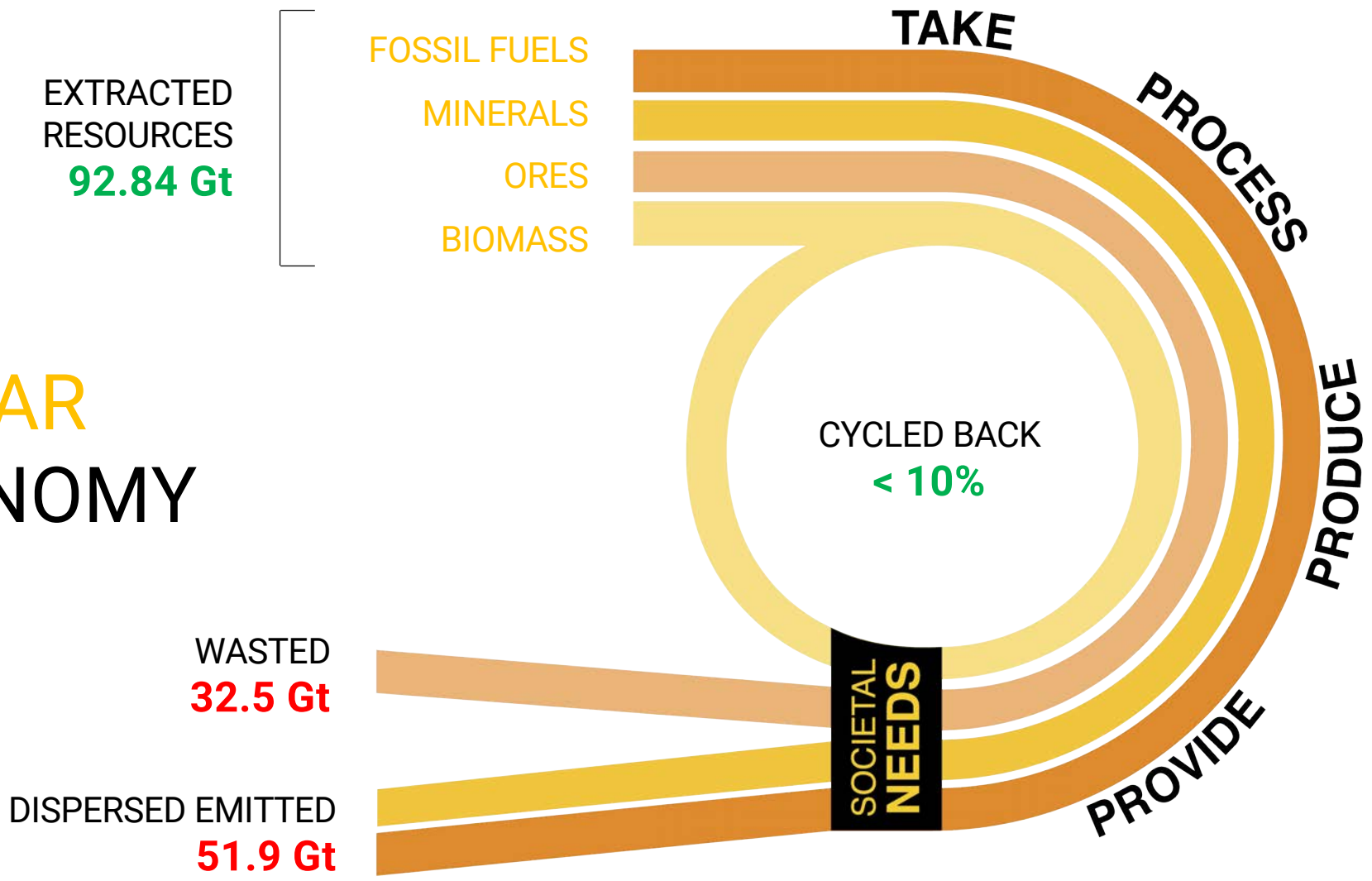
grew from 7.4 tons in 1970 to 12.2 tons in 2017.

Material productivity

started to **decline** around 2000 and has stagnated in recent years.



/ OUR LINEAR ECONOMY



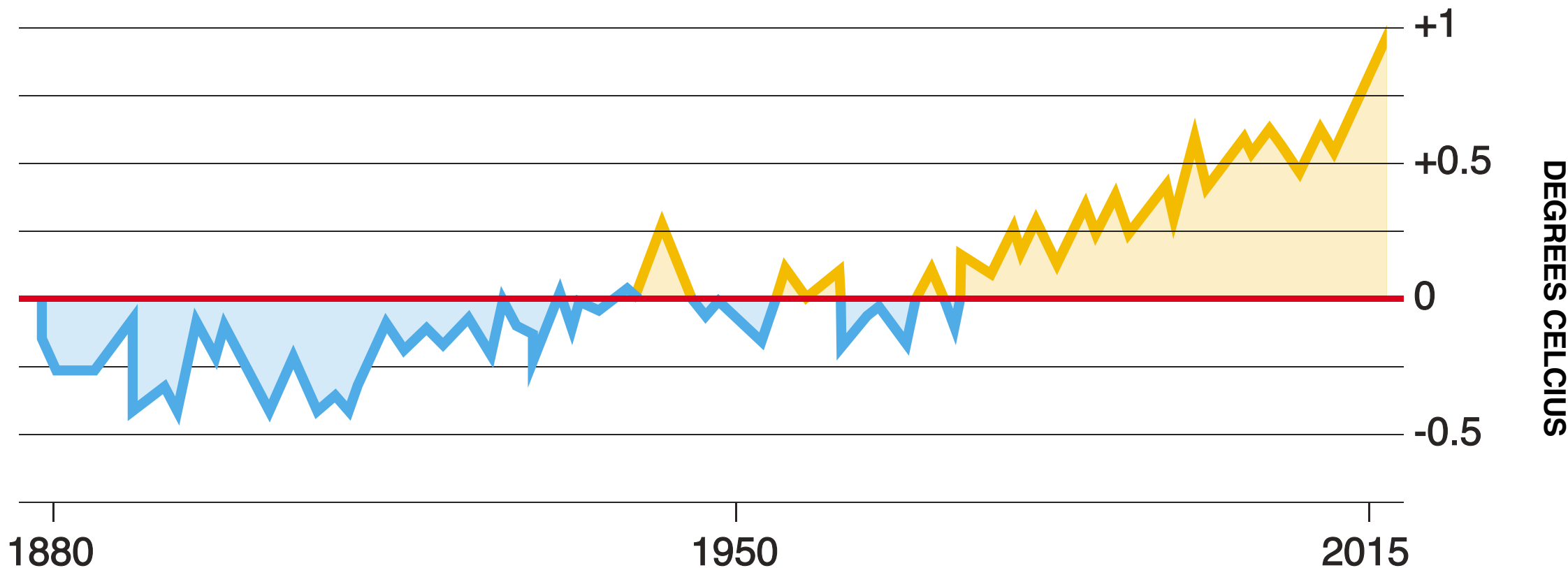
- SOCIETAL NEEDS**
- HOUSING
- COMMUNICATION
- MOBILITY
- HEALTHCARE
- SERVICES
- CONSUMABLES
- NUTRITION

Source: Circularity Gap Report, 2018

/ RISING TEMPERATURES

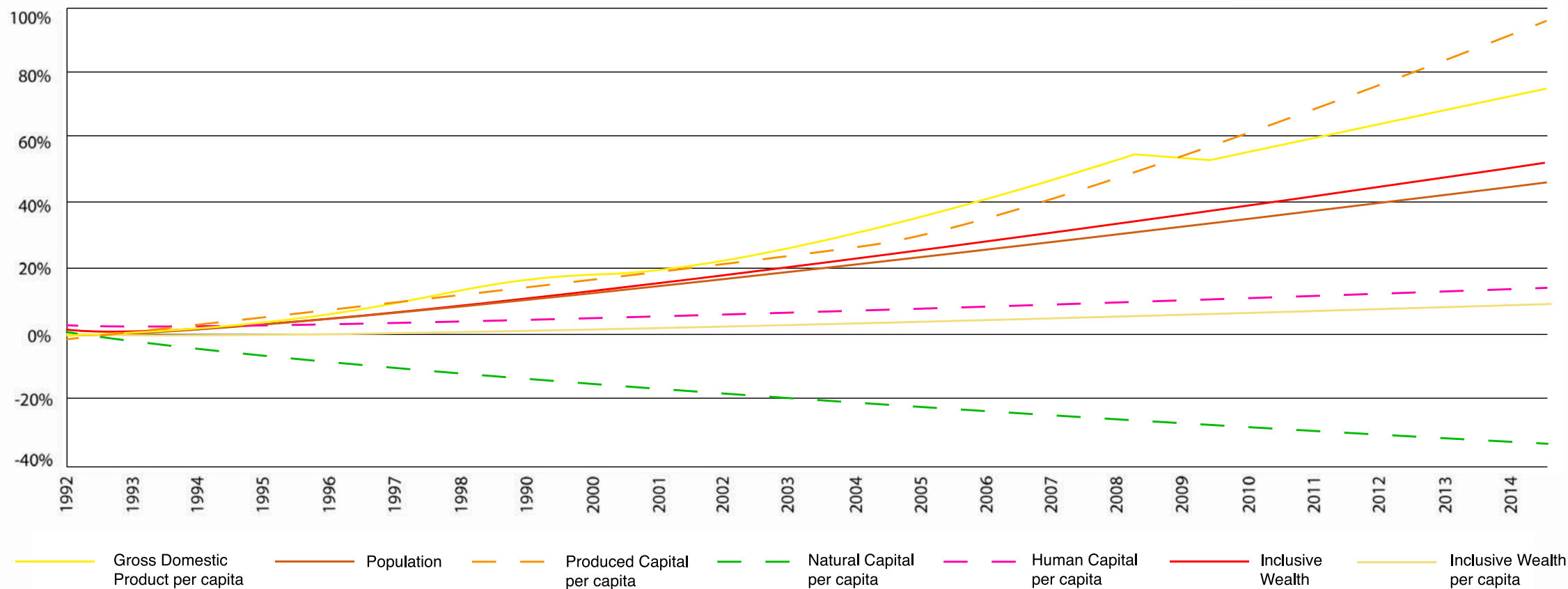
Global surface temperature deviation

COLDEST YEARS
HOTTEST YEARS



/ LIQUIDATING NATURAL WEALTH

Trend in per capita inclusive wealth (global) for 1992–2014

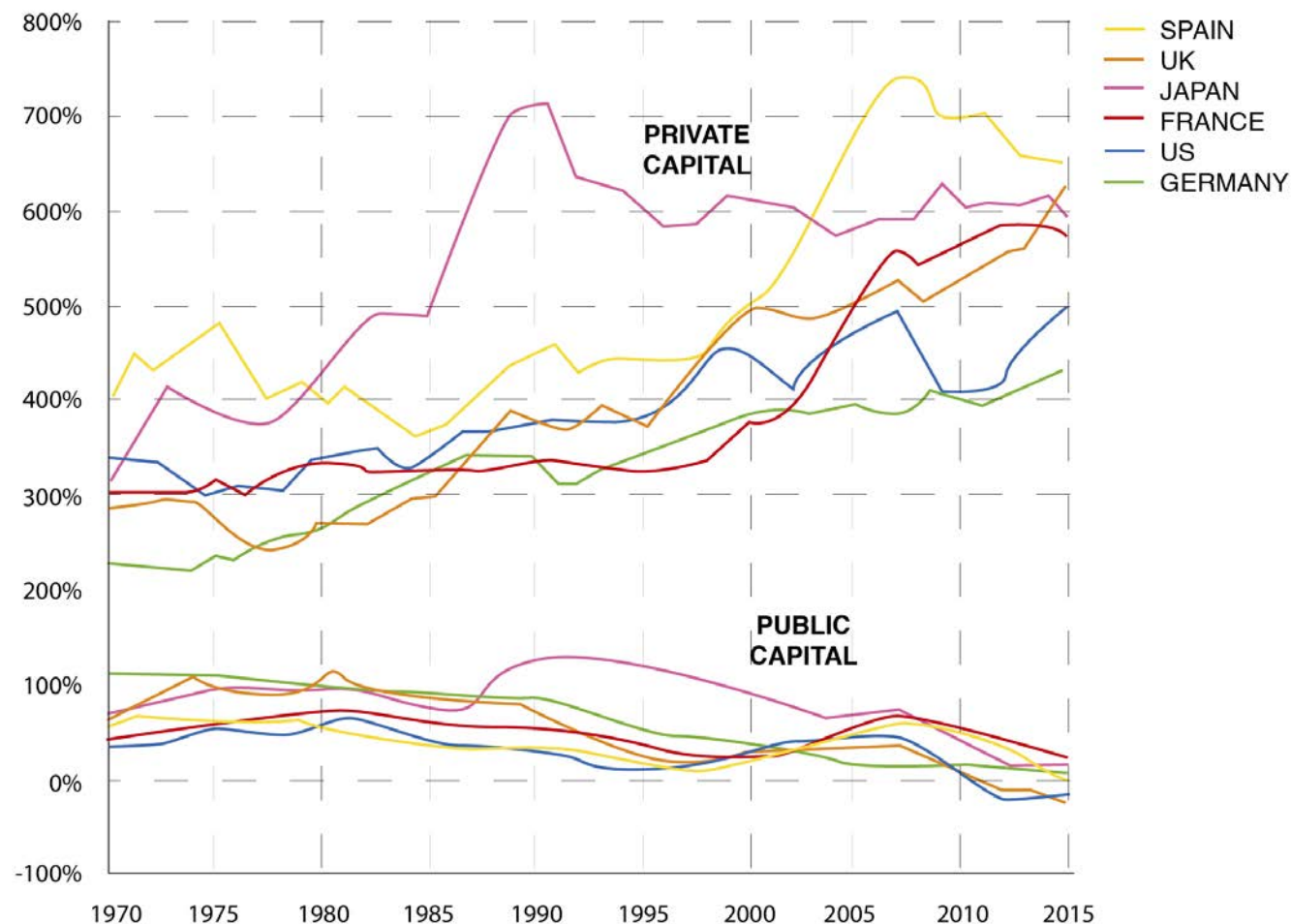


Source: Inclusive Wealth Report, 2019.

/ DECLINING PUBLIC WEALTH

The rise of private capital and the fall of public capital in rich countries 1970 – 2016

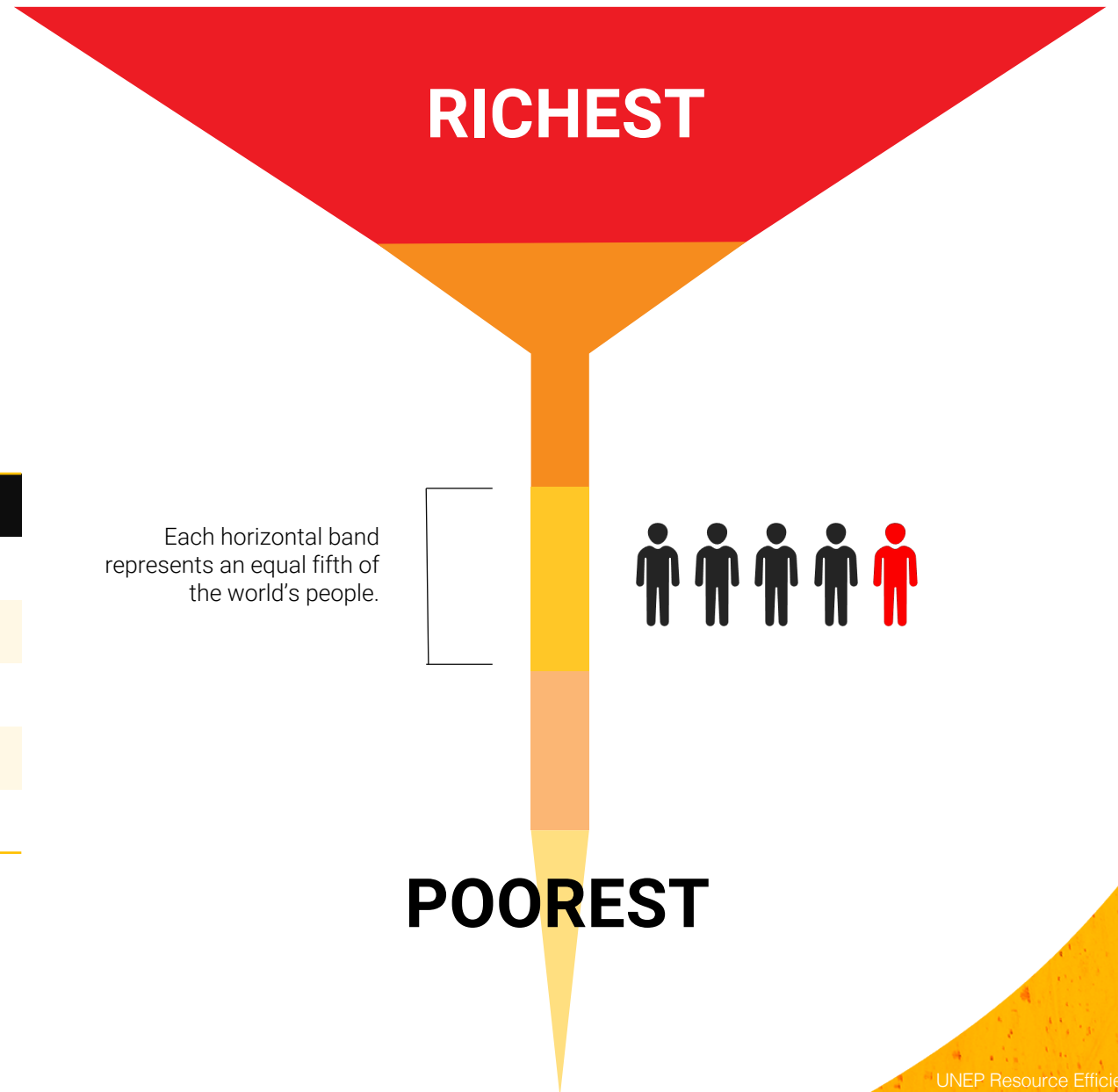
Value of net public and private wealth (% of national income)



Source: World Inequality Report, 2018.

/ GROWING INEQUALITIES

WORLD POPULATION	WORLD INCOME
RICHEST	82.7%
SECOND	11.7%
THIRD	2.3%
FOURTH	1.9%
POOREST	1.4%



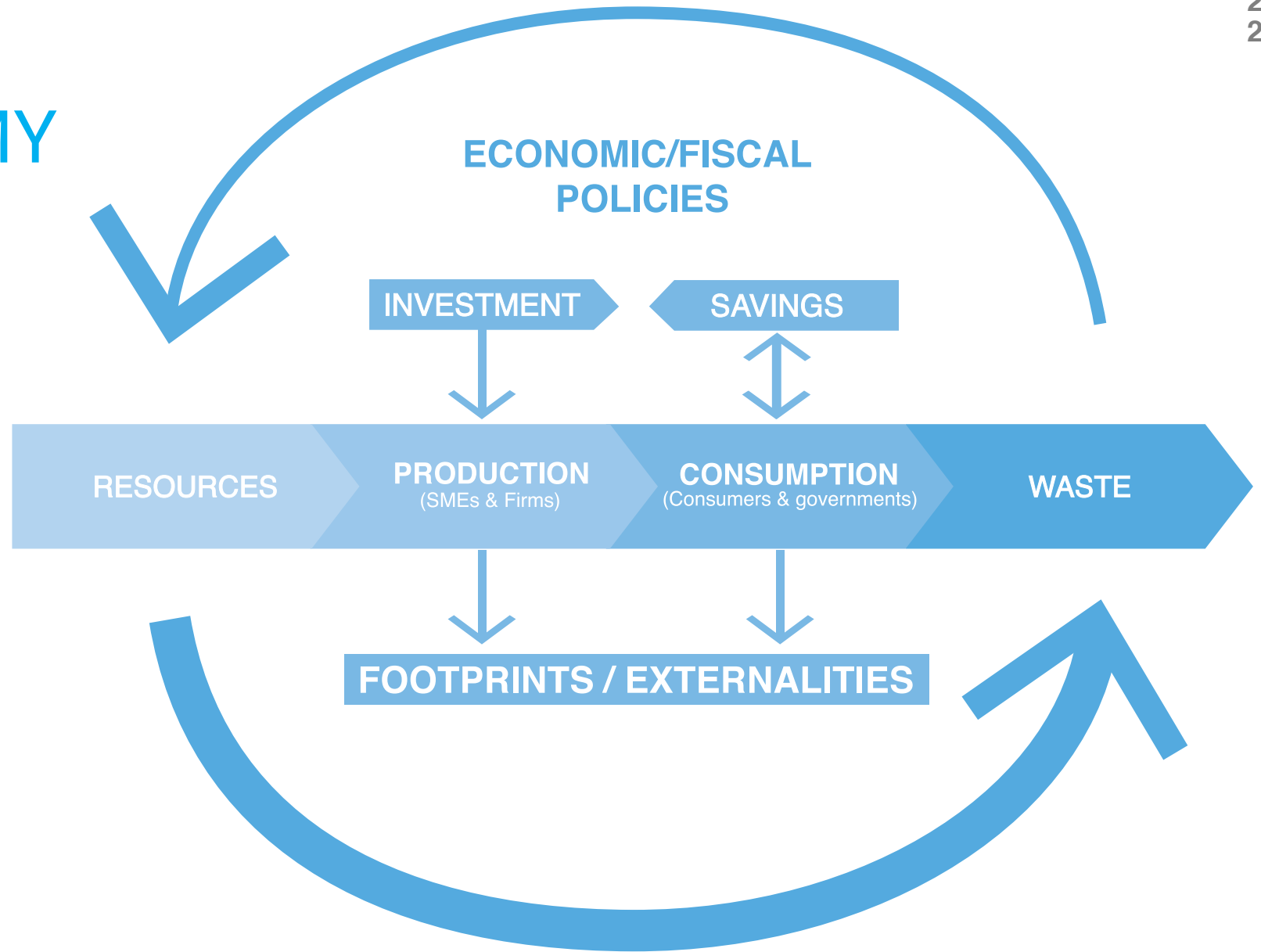
/ CREATING SOLUTIONS

Reshaping the economies of tomorrow will require new approaches and partnerships to increase impact and innovation. Building circularity and accelerating sustainable consumption and production patterns (SDG12) can create cost effective solutions to advance the 2030 Agenda. Economic, trade and fiscal policies to support these solutions are required to reinforce nature-based cycles, to grow natural wealth and close inequality gaps.



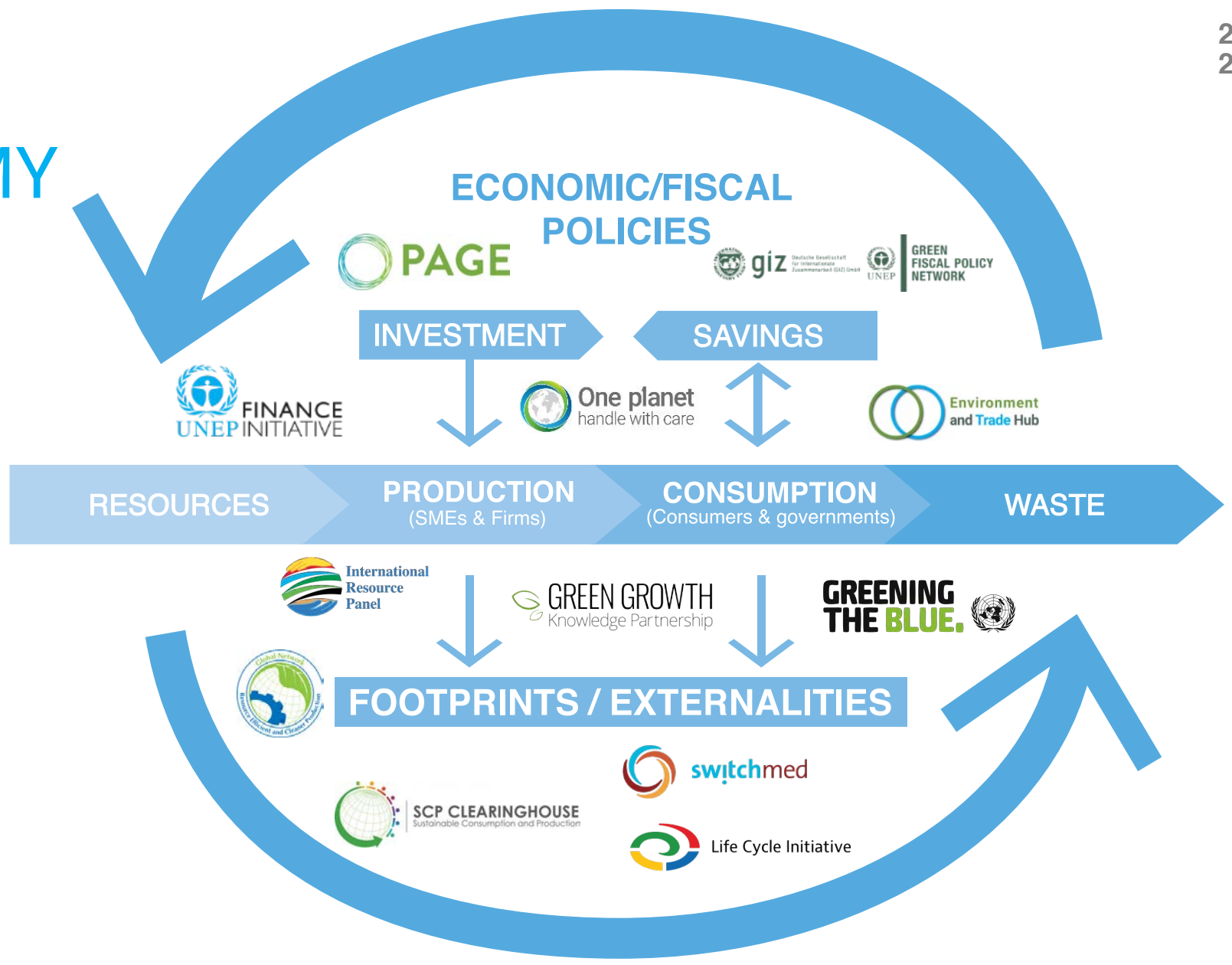
/ RESHAPING OUR ECONOMY

Bending the curves
of our linear
economy takes time
and effort...



/ RESHAPING OUR ECONOMY

...and will require
innovative partnerships
and platforms.



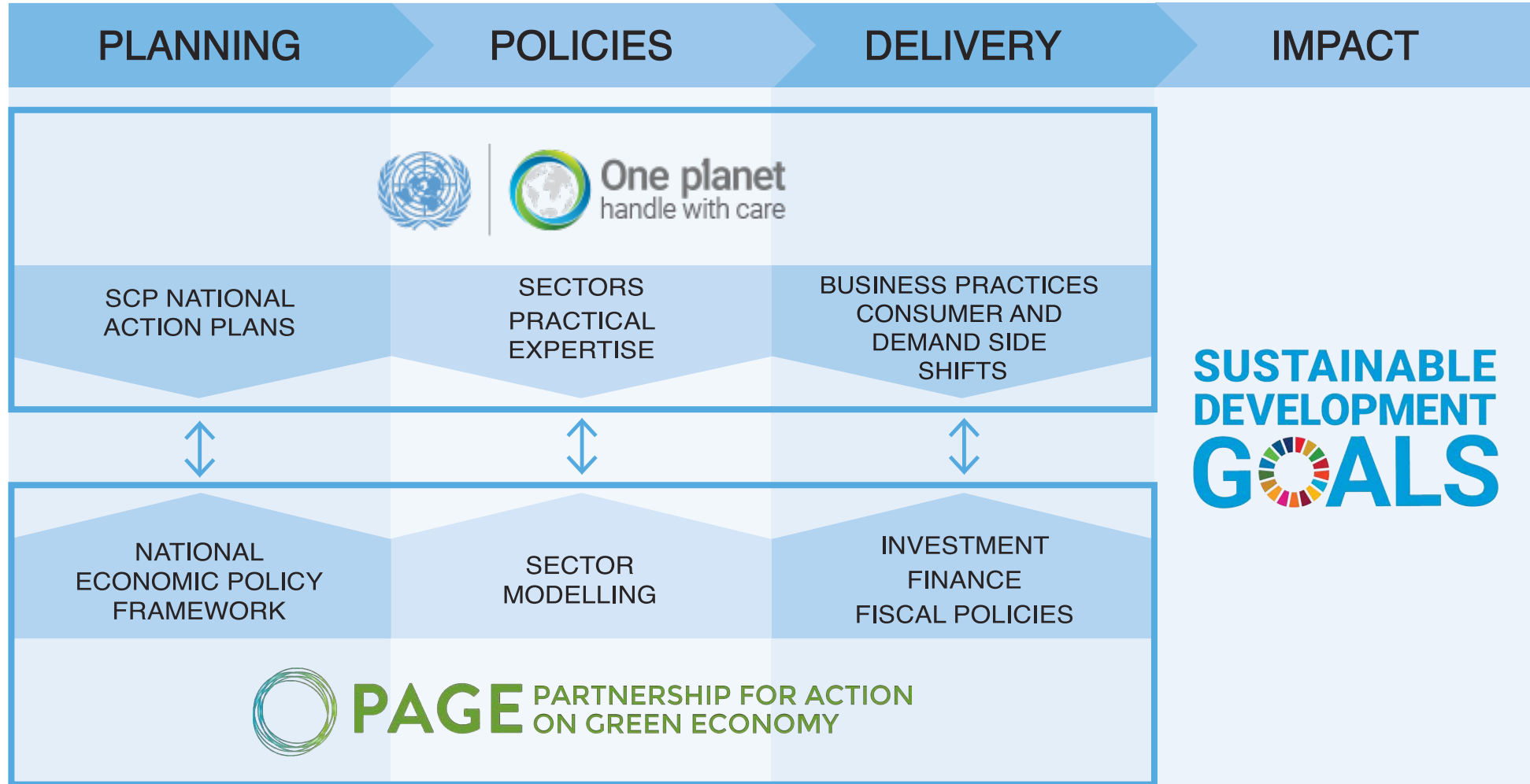
/ COLLECTIVE IMPACT

We work together and with partners to generate, share and deliver knowledge, and impact, on circularity and inclusive green economy.



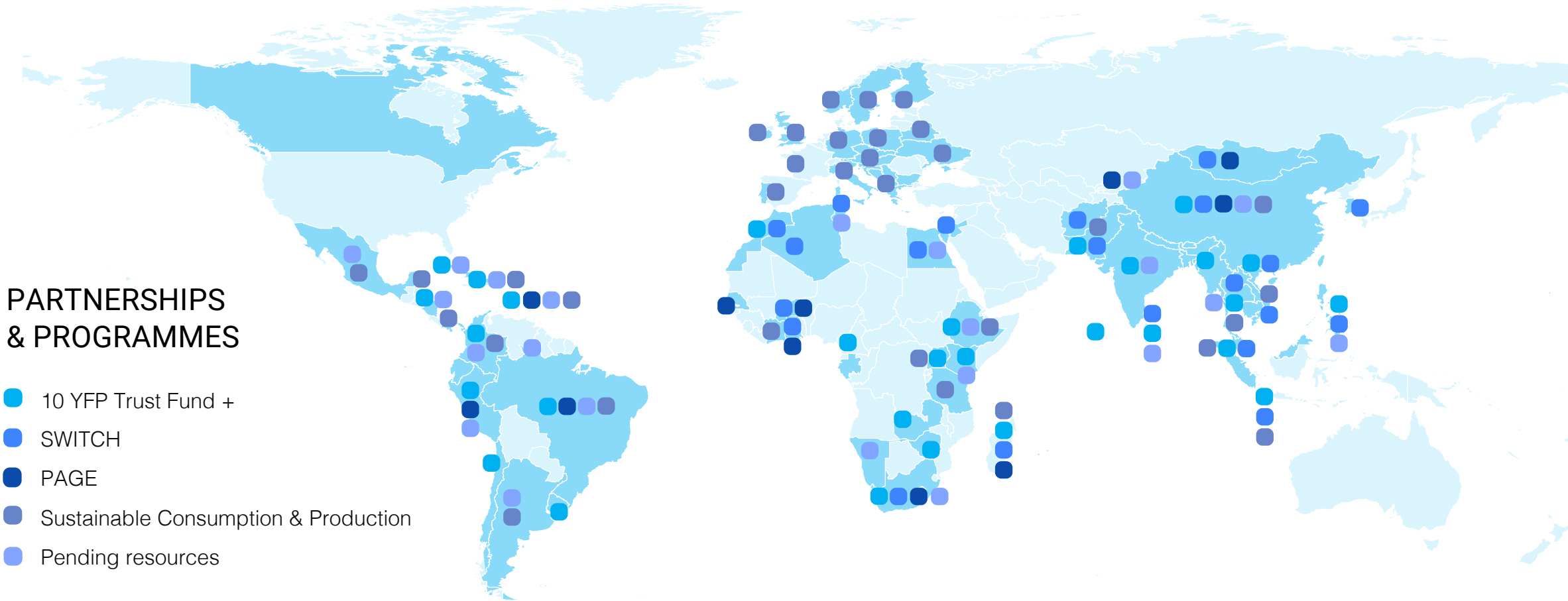
/ JOINING FORCES

Creating synergies across platforms



/ PARTNERSHIPS

Global reach and delivery of regional partnerships



ENABLING POLICY ENVIRONMENT

Transitioning to sustainable development through multiple pathways

8 countries

implemented policies for a green economy and sustainable production and consumption transition, for a cumulative total of:

26 countries

supported by UNEP in building capacity and analytical support.

Local governments and cities that measure their resource profile

14 cities

have started measuring their resource profiles and report on the sustainable management of resources.

/ HIGHLIGHTS

Enabling Policy Environment

PAGE Ministerial Conference 2019

500 innovators from 50 countries together for a unique global forum on green economy.

IRP Global Resources Outlook launch, UNEA4

Mineral Resource Governance report

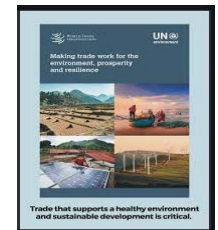
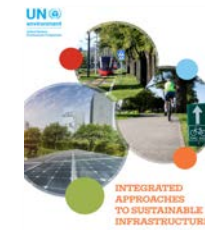
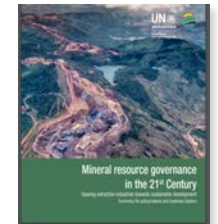
Inputs to every sector of the global economy.

Integrated approaches to Sustainable Infrastructure

Proposed ways to advance integrated approaches at the global level: making trade work for the environment.

Sustainable Consumption and Production HAT tool: modules to analyse hotspot areas, and provides:

1. Key information regarding the country's environmental performance;
2. wide range of SCP indicators to analyse hotspots of unsustainable consumption and production at country and sector levels and;
3. the option of inserting national data to receive more tailored results.



SUSTAINABILITY IN BUSINESS

Life cycle Thinking based decision making

6 Public and private stakeholders using LCA.

Adoption of Sustainable Finance Principles

8 Financial institutions,
1 Insurance company,
10 Countries and,
1 European supervisory authority adopted the principles.

Sustainable Tourism Policies

28 Tourism businesses and
8 countries adopted new policies.

Sustainable Management Practices

14 Businesses improved their sustainability reporting with UNEP support.

Sustainable Buildings and Constructions

11 Countries and
13 businesses implemented policies in the building and construction sector.

/ HIGHLIGHTS

Sustainability in Business

Principles for Responsible Banking: UNEP Finance Initiative

Mobilized CEOs in over 130 banks across the world with USD 47 trillion in assets to commit to 6 principles.

National tourism roadmaps aligned to SDG targets

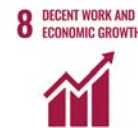
Developed in Dominican Republic, the Philippines, Mauritius and Saint Lucia.

Over 80 companies in these countries align business operations to SDG targets and NDCs.

Plastics economy global commitment

- Uniting 400 organisations for circular economy for plastics.
- Industries and governments committed to tackling plastic pollution – Joint UNEP and Ellen MacArthur Foundation Initiative.

SDGs and Tourism: focus on culture equitable economic development and footprint reduction



SUSTAINABLE LIFESTYLES & CONSUMPTION

Sustainable lifestyles and consumer information

13 countries and government institutions participated in awareness-raising, advocacy and educational initiatives.

Sustainable public procurement

4 additional countries and
1 city adopted new policies.

Food waste

6 additional countries have initiated assessments across the value chain using the Food Loss & Waste Protocol.

/ RESULTS
in 2019

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/ HIGHLIGHTS

Sustainable Lifestyles & Consumption

Sustainable Living - the Anatomy of Action Social Media Kit: evidence-based actions people can take to live better and lighter; Pilot challenge reached 5+ million via 70+ institutions, 50+ cultural influencers across 40 countries; Great potential: youth, campaigns and sustainable living initiatives; Made with UnSchool and experts as a contribution to the One Planet Network.



Collaborative Framework for Food Systems Transformation launch

A publication that suggests easy-to-follow actions for performing analyses of food systems, expanding or reorienting existing activities, integrating policy interventions and building effective food systems governance.

Transforming markets and accelerating the achievement of SDGs through Sustainable Public Procurement

/ INTO THE FUTURE

To make a transition which is both fair and green, we need to extend our reach with policy champions, private sector pioneers and cultural influencers of tomorrow's economies.



/ VALUE DRIVERS

Integrate further

Work across initiatives and other workstreams e.g. Sustainable Consumption and Production, Circularity, Climate Change, Chemicals, Waste and Air Quality and Healthy and Productive Ecosystems.

Leverage UN Reform

Delivery at country level – through regional platforms, capacity building, leadership and knowledge sharing.

Enhance collaboration

With other UN agencies and partners to reduce transactional costs and scale resource efficient practices.

Sharpen focus

On consumer and behavioral change (and education) for sustainability.

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/ DESIRED OUTCOMES 20
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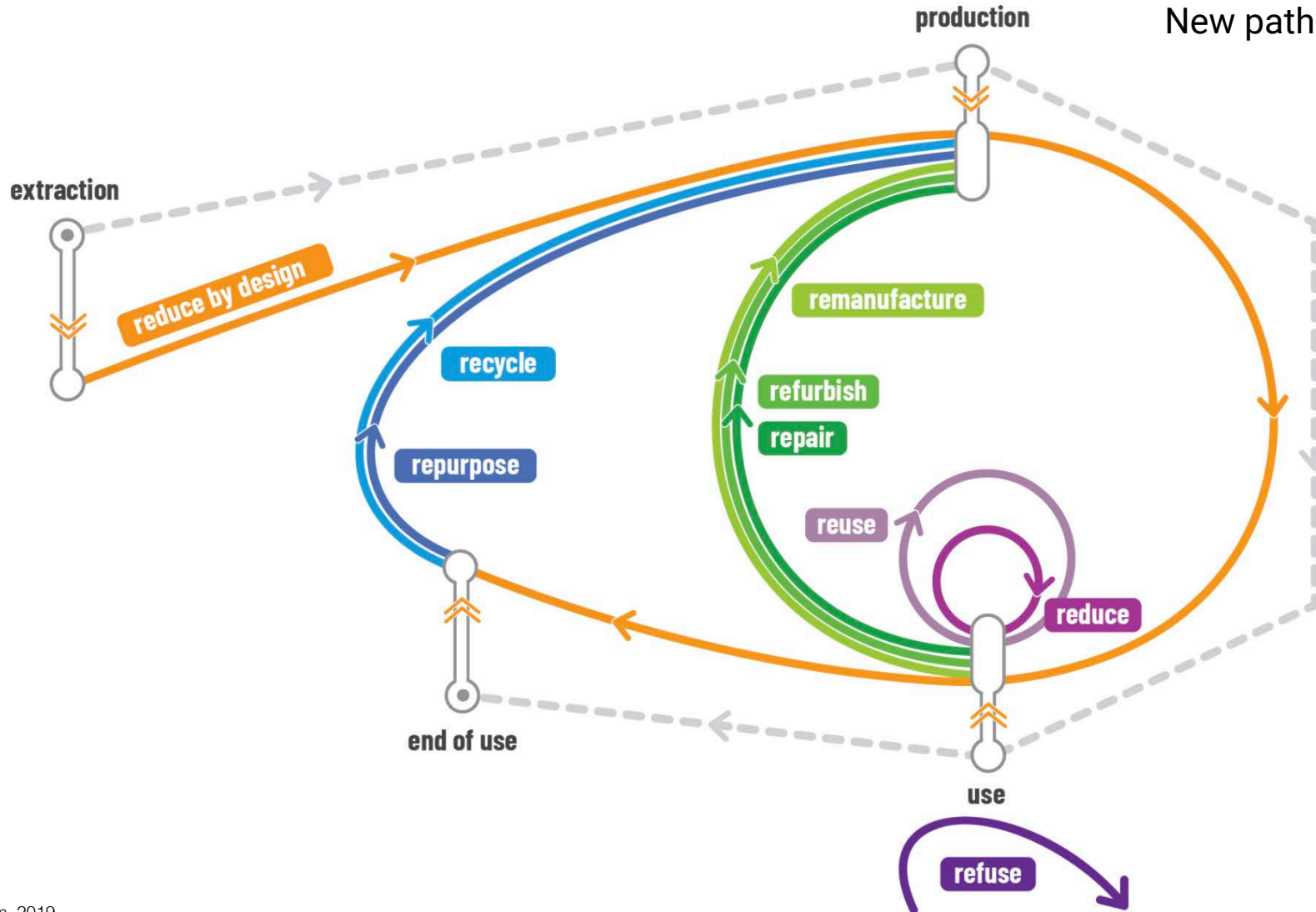
Circularity
is a way to achieve
**sustainable
consumption
and production**
and other interlinked
SDG goals



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/ DESIRED OUTCOMES ²⁰₂₀₊

New pathways to circularity



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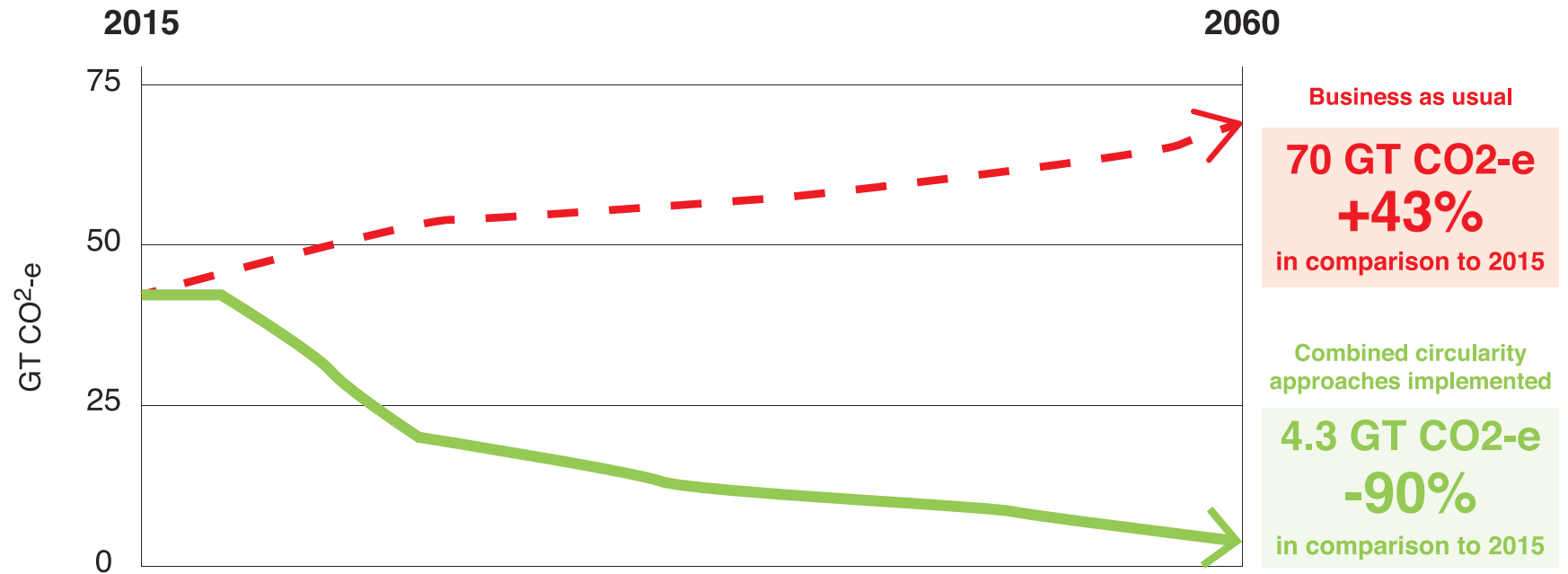
/ DESIRED OUTCOMES

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Combining circularity approaches – World emissions (GT CO₂-e)

Combined approaches:

Sustainable Consumption and Production, One Planet, the Life Cycle Initiative and the International Resource Panel.



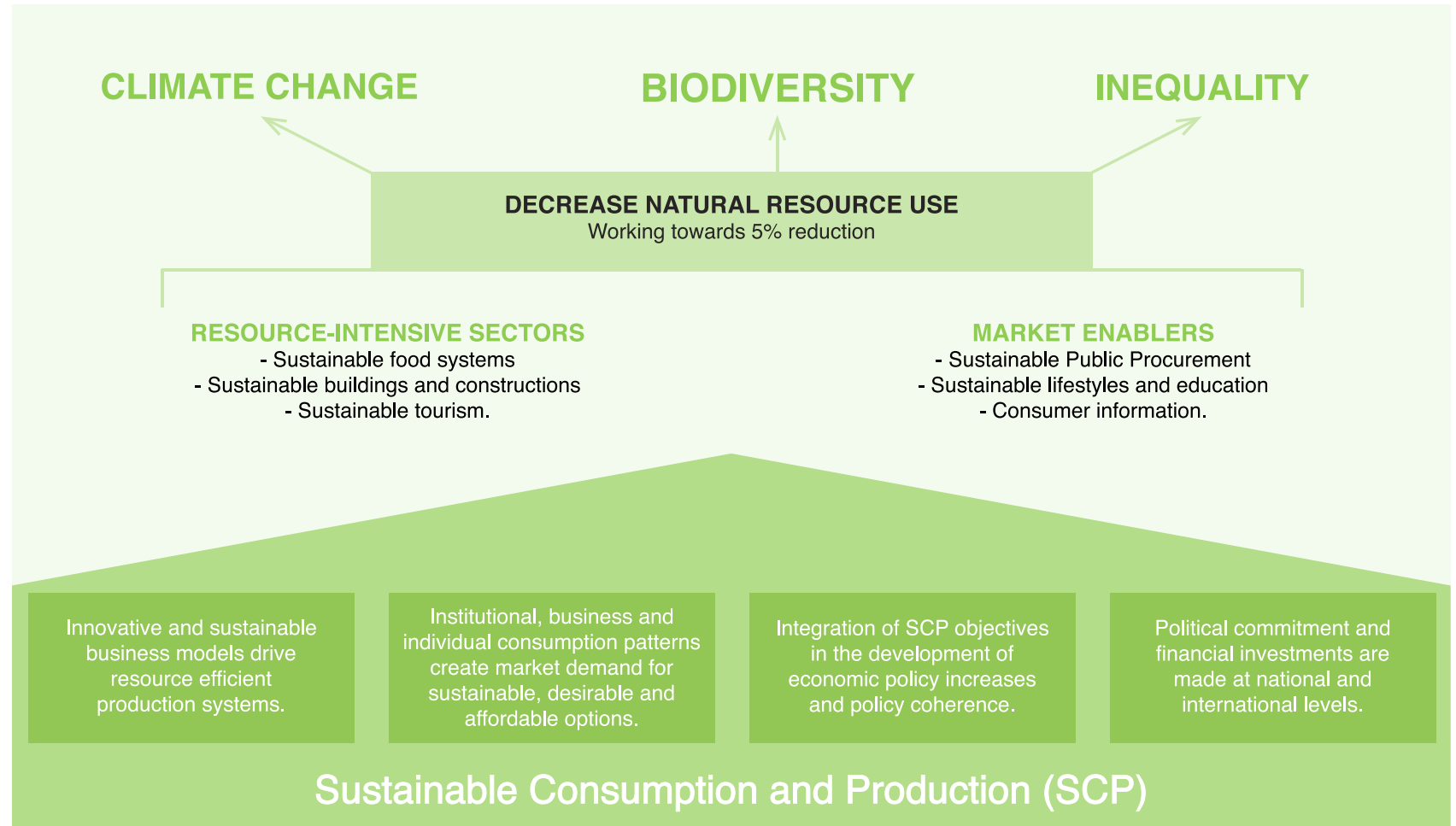
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Sustainable Consumption and
Production roadmap.

/ IMPACT PATHWAYS

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Accelerating action on SDG12



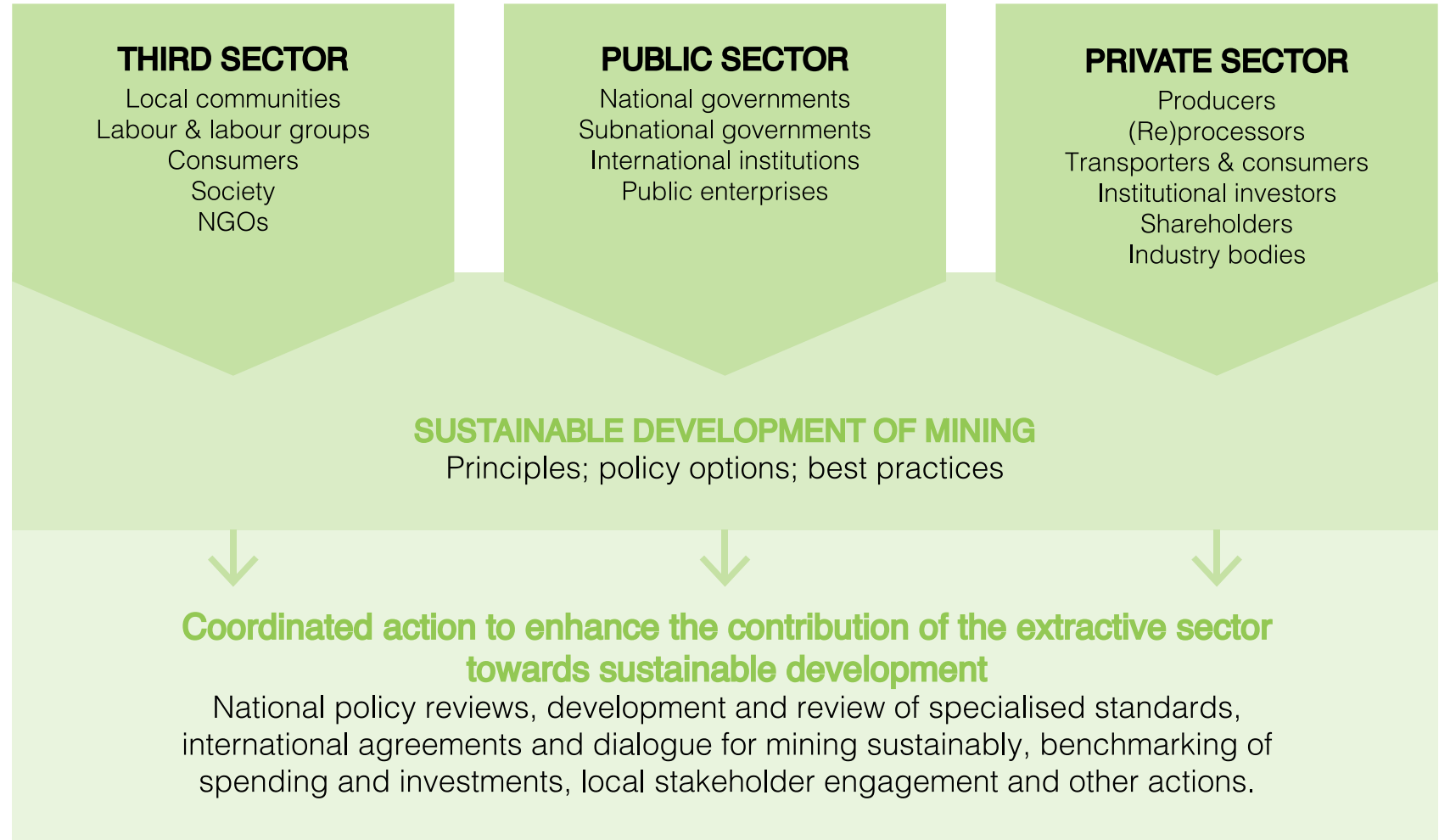
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Gearing extractive industries towards the sustainable development of mineral governance resolution.

/ IMPACT PATHWAYS

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UNEA 4 Resolution

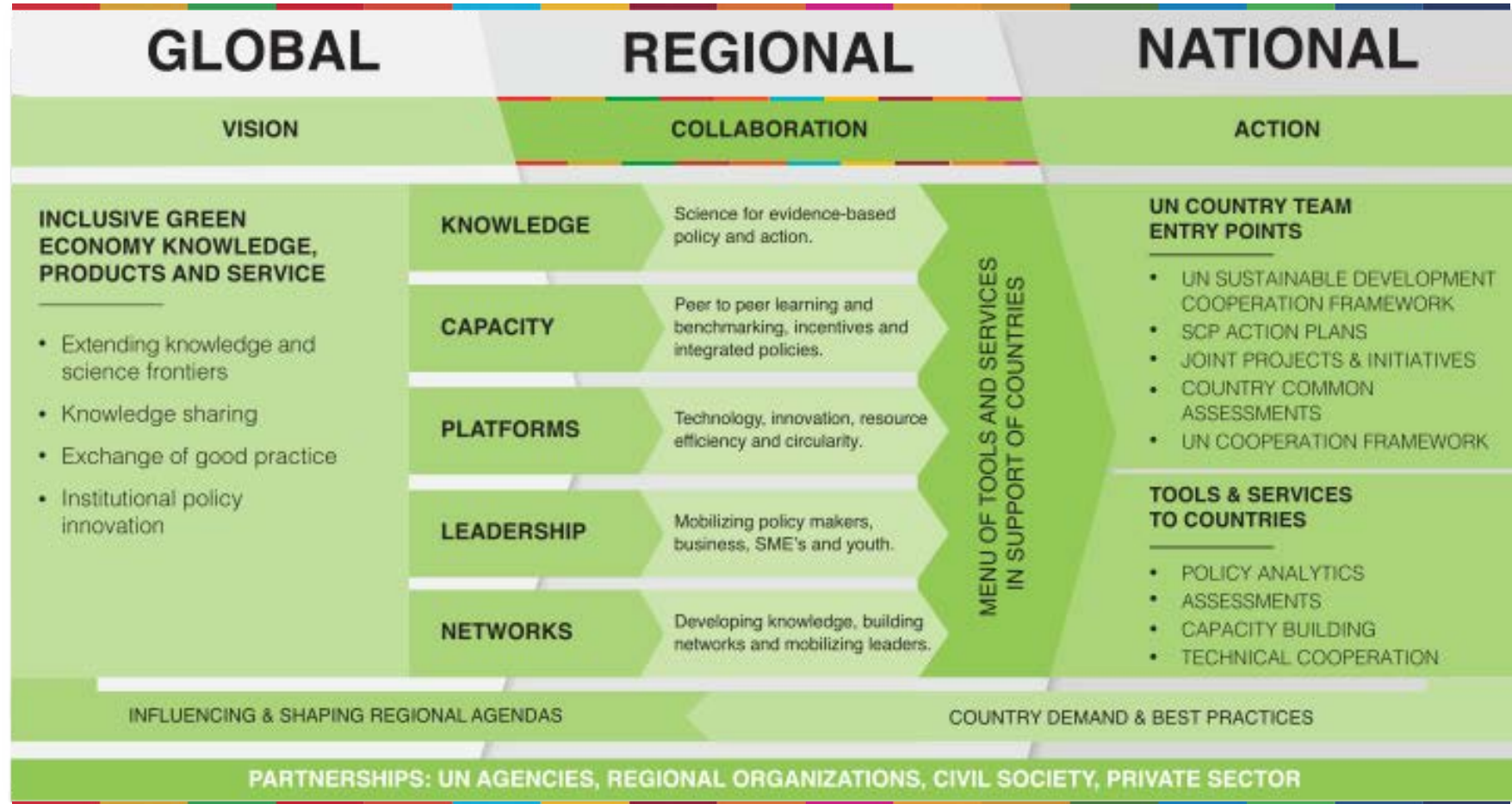


/ IMPACT PATHWAYS

20 20+

Aligned with UN reforms, with the purpose of accelerating shifts to more sustainable consumption and production through peer-to-peer learning and benchmarking on at the regional level.

GO 4 SDGs



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/ NEAR TERM GOALS^{20 20+}

Core outcomes

Super Year for Nature

Tracing back our impact on nature to the economy via:

- footprinting and life-cycle analysis
- Labeling, consumer information, green trade
- behavioral insights/lifestyle change
- Infrastructure-biodiversity nexus; nature as infrastructure.

SDG 12x5 Action Plan

- One Planet Network as the aggregator and “go to” source and new SDG 12 hub
- financing for circularity – completed and shared with development banks
- GO 4 SDGs official roll out and ramp up.

Scaling Impact of Circularity

Massifying resource efficiency through a strong science base that connects policy windows, and addresses climate and biodiversity challenges.

UN Environment Assembly 5

Leading delivery on key resolutions including:

- Sustainable infrastructure
- Minerals resource governance
- Advancing sustainable consumption & production
- Sustainable Business Practices
- Single use plastic products.

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/ NEAR TERM GOALS

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Core Outcomes

It's Mostly Fiscal

- Stepping up ambition in the NDCs: The role of inclusive green fiscal policies
- extractives and sovereign wealth;
- price alignments and subsidy reform along agri/food nexus
- Sustainable Public Procurement SDG tracking.

Wider and Deeper

- Launch of PAGE 2030 strategy, linking with GO 4 SDGs initiative.
- Expanding new GGKP green finance and industry platforms; launching an interactive, online community space ("Green Forum"); localizing GGKP as a connector across GO 4 SDGs efforts.

Trading up

Focus on trade for biodiversity and climate, strengthen partnerships with WTO and government champions on green trade, promote green global value chains with China.

Blue Integrity

- Complete the UN Sustainability Strategy launched by the Secretary General at the Climate Summit.
- Position the UN and its partners for sustainability aligned with 2030 agenda.

/ KEY DATES

- 30 JAN – 1 FEB**
ChangeNow Summit, France
- 21 JAN – 24 JAN**
World Economic Forum, Switzerland
- 24 – 28 FEB**
2nd OEWG, China
- 2 – 6 JUN**
UN Ocean Summit, Portugal
- 11 – 19 JUN**
IUCN World Conservation Congress, France
- 23 – 25 JUN**
World Resources Forum, Ghana
- 7 – 16 JUL**
High Level Political Forum (SDGs)
- AUG**
Green Growth Forum, Rwanda
- 15 – 30 SEP**
UN General Assembly, USA
- 29 SEP – 1 OCT**
World Circular Economy Forum, Canada
- 9 – 19 NOV**
Climate conference, Scotland
- 22-26 FEB**
UN Environment Assembly, Nairobi
- MAR**
PAGE Ministerial Conference/8th GGKP Annual Conference, Kenya and Dubai
- SEP**
UN General Assembly, USA
- Stockholm 50+ UNEP 50th Anniversary**

2020

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/ RESOURCE EFFICIENCY

Resources and tools

Resource Efficiency

 unenvironment.org/explore-topics/resource-efficiency


Partnership for Action on Green Economy

 un-page.org/files/public/20171121_page_tools_services_preview.pdf


SCP-Hot spot analysis tool  scp-hat.lifecycleinitiative.org

Climate Technology Centre and Network  ctc-n.org

Special Programme on Chemicals and Waste

 unenvironment.org/explore-topics/chemicals-waste/what-we-do/special-programme

Electric Mobility


 unenvironment.org/explore-topics/transport/what-we-do/electric-mobility

Climate and Clean Air Coalition

 ccacoalition.org/en/solutioncenter/expert-assistance

Circularity Platform  unenvironment.org/circularity

International Environmental Technology Centre

 unenvironment.org/ietc

Green Growth Knowledge Platform  greengrowthknowledge.org/

Green Finance Platform  greenfinanceplatform.org

Green Industry Platform  greenindustryplatform.org


One Planet Network  oneplanetnetwork.org

Green Fiscal Policy Network  greenfiscalpolicy.org


Sustainable Infrastructure Partnership

 unenvironment.org/explore-topics/green-economy/what-we-do/economic-and-fiscal-policy/sustainable-infrastructure

Sustainable Public Procurement

 oneplanetnetwork.org/resource/2017-global-review-sustainable-public-procurement

Environment and Trade Hub  unenvironment.org/explore-topics/green-economy/what-we-do/environment-and-trade-hub

Eco-innovation  unep.ecoinnovation.org

