

United Nations Office for Sustainable Development, Executive Training for Policymakers on the 2030 Agenda and the SDGs

23-27 April 2018, Songdo Central Park Hotel, Republic of Korea (Sapphire Hall, 3rd Floor)

# ***SDG 17 - Partnerships and means of implementation***

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Low Carbon Development Programme

**UNEP DTU Partnership**

# Outline

- Overview of SDG 17
- UNEP DTU Partnership
- Climate and sustainable development linkages
- Examples of partnerships and means of support
- Challenge - alignment of agendas
- Conclusion

## Overview of SDG 17



# Goal 17. Strengthen the means of implementation and revitalise the Global Partnership for Sustainable Development

## Finance

17.1 Strengthen domestic resource mobilization, including through international support to developing countries, to improve domestic capacity for tax and other revenue collection

17.2 Developed countries to implement fully their official development assistance commitments, including the commitment by many developed countries to achieve the target of 0.7 per cent of ODA/GNI to least developed countries ; ODA providers are encouraged to consider setting a target to provide at least 0.20 per cent of ODA/GNI to least developed countries

17.3 Mobilize additional financial resources for developing countries from multiple sources

17.4 Assist developing countries in attaining long-term debt sustainability through coordinated policies aimed at fostering debt financing, debt relief and debt restructuring, as appropriate, and address the external debt of highly indebted countries to reduce the debt distress

17.5 Adopt and implement regimes for least developed countries



# Goal 17. Strengthen the means of implementation and revitalise the Global Partnership for Sustainable Development

## Technology

17.6 Enhance North-South, South-South and triangular regional and international cooperation on and access to science, technology and innovation and enhance knowledge sharing on mutually agreed terms, including through improved coordination among existing mechanisms, in particular at the United Nations level, and through a global technology facilitation mechanism

17.7 Promote the development, transfer, dissemination and diffusion of environmentally sound technologies to developing countries on favourable terms, including on concessional and preferential terms, as mutually agreed

17.8 Fully operationalize the technology bank and science, technology and innovation capacity-building mechanism for least developed countries by 2017 and enhance the use of enabling technology, in particular information and communications technology



## Goal 17. Strengthen the means of implementation and revitalise the Global Partnership for Sustainable Development

### Capacity- building

17.9 Enhance international support for implementing effective and targeted capacity-building in developing countries to support national plans to implement all the Sustainable Development Goals, including through North-South, South-South and triangular cooperation



# Goal 17. Strengthen the means of implementation and revitalise the Global Partnership for Sustainable Development

## Trade

17.10 Promote a universal, rules-based, open, non-discriminatory and equitable multilateral trading system under the World Trade Organization, including through the conclusion of negotiations under its Doha Development Agenda

17.11 Significantly increase the exports of developing countries, in particular with a view to doubling the least developed countries' share of global exports by 2020

17.12 Realize timely implementation of duty-free and quota-free market access on a lasting basis for all least developed countries, consistent with World Trade Organization decisions, including by ensuring that preferential rules of origin applicable to imports from least developed countries are transparent and simple, and contribute to facilitating market access



## Goal 17. Strengthen the means of implementation and revitalise the Global Partnership for Sustainable Development

Systemic  
issues -  
policy and  
institutional  
coherence

17.13 Enhance global macro-economic stability, including through policy coordination and policy coherence

17.14 Enhance policy coherence for sustainable development

17.15 Respect each country's policy space and leadership to establish and implement policies for poverty eradication and sustainable development





## Goal 17. Strengthen the means of implementation and revitalise the Global Partnership for Sustainable Development

Systemic  
issues -  
multi-  
stakeholder  
partnerships

17.16 Enhance the Global Partnership for Sustainable Development, complemented by multi-stakeholder partnerships that mobilize and share knowledge, expertise, technology and financial resources, to support the achievement of the Sustainable Development Goals in all countries, in particular developing countries

17.17 Encourage and promote effective public, public-private and civil society partnerships, building on the experience and resourcing strategies of partnerships



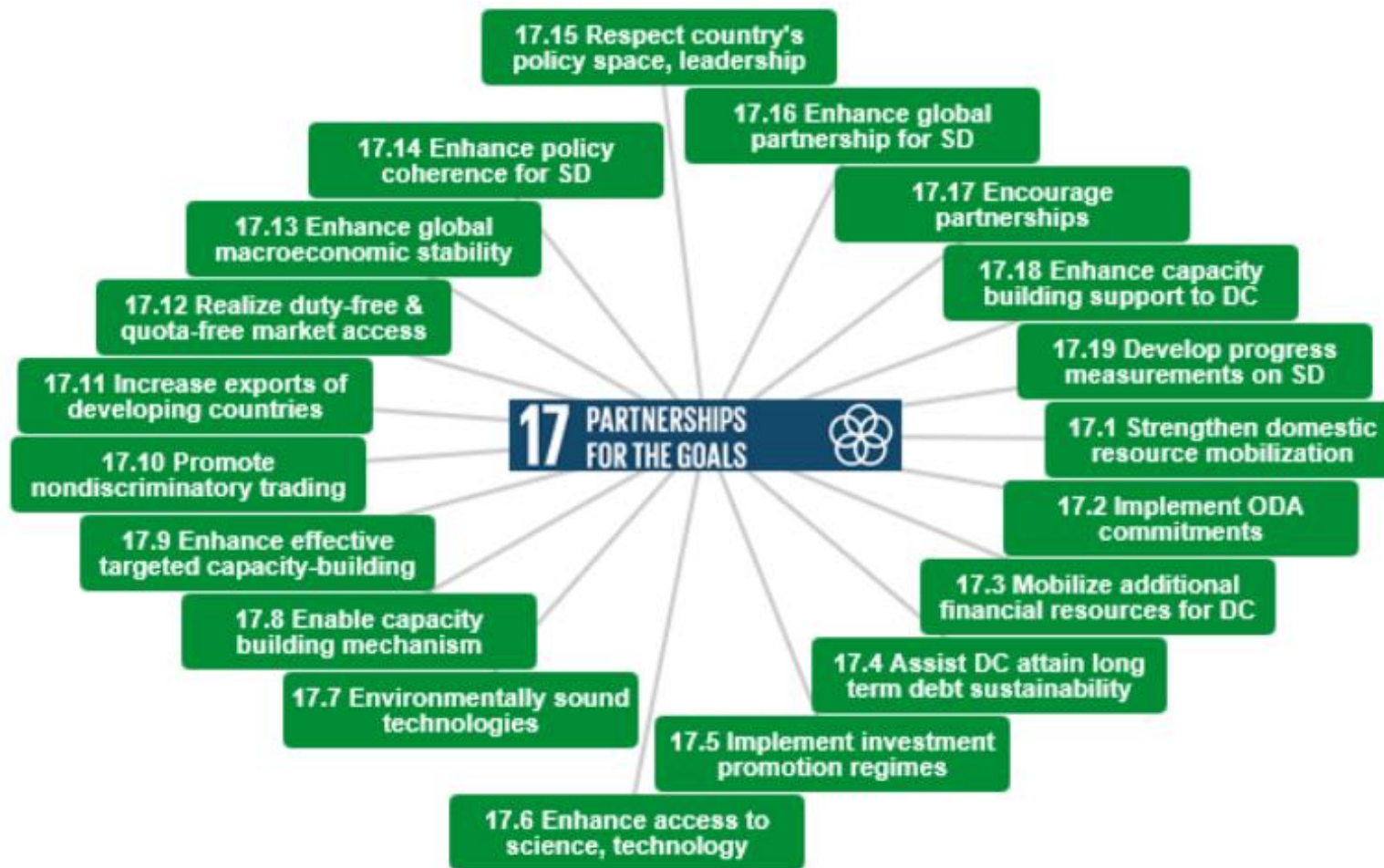
## Goal 17. Strengthen the means of implementation and revitalise the Global Partnership for Sustainable Development

Systemic  
issues -  
data,  
monitoring  
and  
accountability

17.18 By 2020, enhance capacity-building support to developing countries, including for least developed countries and small island developing States, to increase significantly the availability of high-quality, timely and reliable data disaggregated by income, gender, age, race, ethnicity, migratory status, disability, geographic location and other characteristics relevant in national contexts

17.19 By 2030, build on existing initiatives to develop measurements of progress on sustainable development that complement gross domestic product, and support statistical capacity-building in developing countries

# Partnerships & means of implementation - 19 targets



# Tracking progress of indicators

- UN Environment, Sustainable Development Goals Data and Information Unit, Nairobi is custodian of 26 SDG indicators
- Indicator 17.7.1 covers environmentally sound technologies (ETS) and is classified as Tier III, since no methodology exists for its monitoring.
- In its role as custodian, UN Environment is responsible for leading the methodological development of the indicator, and subsequently for compiling and reporting data on it to the Global SDGs Database
- To support the development of the methodology, UN Environment has established a Technical Expert Group, comprised of multiple experts
- Environment Live provides information on all 26 SDG indicators:  
<https://environmentlive.unep.org/statistics>

# UNEP DTU Partnership

# UNEP DTU Partnership

- UNEP DTU was established in 1990 as an independent unit based on an triparty agreement between UN Environment, Risø/DTU and The Danish Ministry of Foreign Affairs
- Governed by a Management & Policy Committee.
- General mandate is to support and promote UNEP activities in the areas of energy and climate change, with a special emphasis on developing countries.



## UNEP DTU Partnership in Copenhagen

### Centre on Energy Climate and Sustainable Development

- Established in 1990

### Copenhagen Centre on Energy Efficiency

- Established in September 2013 as part of United Nations Secretary General's Sustainable Energy for All initiative

### Climate Technology Centre and Network (CTCN)

- Established as part of the Technology Mechanism of the UNFCCC
- Mission: To stimulate technology cooperation and enhance the development and transfer of technologies to developing countries at their request.





Support the achievement of the Global  
Climate and Sustainable Development  
Goals

Planning  
and  
Policy



Better National  
Planning

Institutions  
and  
Capacity



Stronger National  
Capacity

Transparency and  
Accountability



Higher  
Accountability

Technology  
and  
Markets



Stronger Market  
Models

Business models  
and  
Finance



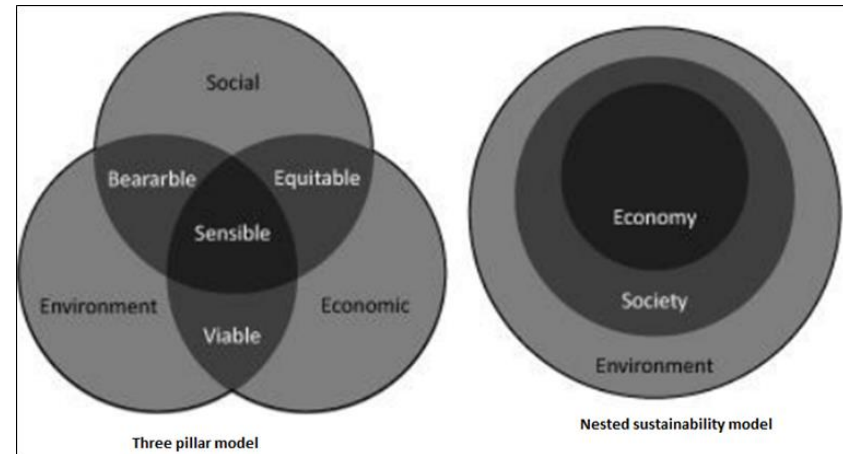
Increased Private  
Sector Finance



# Climate and sustainable development linkages

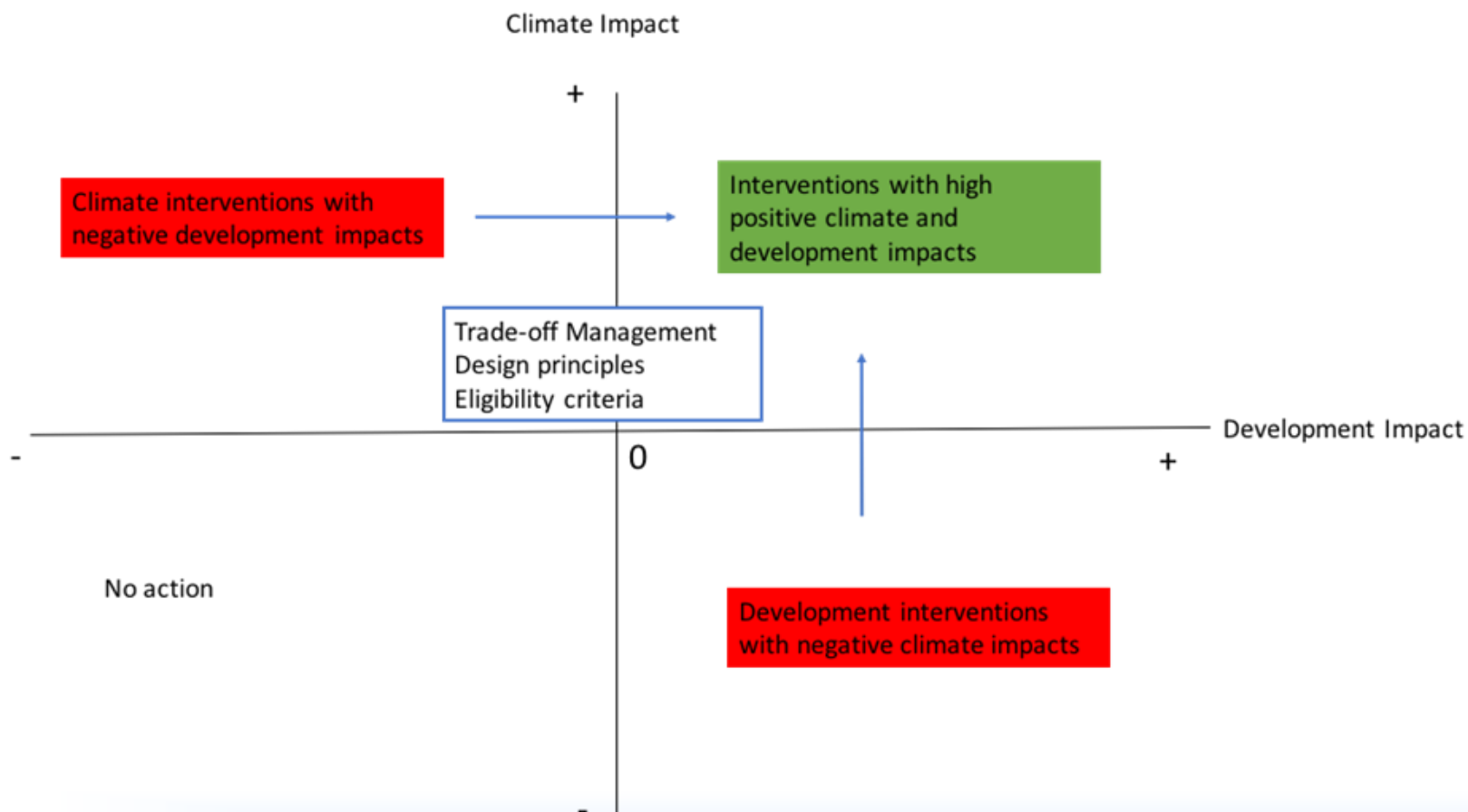
# The Paris Agreement acknowledges the 2030 Agenda

- Preamble:** *“Emphasizing the intrinsic relationship that climate change actions, responses and impacts have with equitable access to sustainable development and eradication of poverty”*
- Articles 2, 4 and 6:** *'Climate change shall not be seen in isolation but in context of sustainable development and poverty alleviation'*



- Yet, the 2030 Agenda and the Paris Agreement are run as parallel but separate processes. Tools and approaches to ensure synergies and avoid trade-offs are largely missing in practice.

# Climate and development synergies and trade-offs



# Contribution of NDCs to SDGs

## - positive impacts

a

| Country/region  | Contribution to climate change mitigation |                          |                               |                                       |                                 | Positive consequences for other societal goals |                           |                          |             |             |              |
|-----------------|---|--------------------------|-------------------------------|---------------------------------------|---------------------------------|--|---------------------------|--------------------------|-------------|-------------|--------------|
|                 |   |                          |                               |                                       |                                 | Air quality                                    |                           | Energy security          |             |             | Ocean Health |
|                 | CAT's NDC assessment                      | GHG emissions            | GHG emissions per capita      | GHG emissions per GDP                 | Marginal abatement costs        | NO <sub>x</sub> emissions                      | SO <sub>2</sub> emissions | Coal imports             | Oil imports | Gas imports | Ocean pH     |
|                 |   | Percentage reduction RTR | tCO <sub>2</sub> e per person | Percentage reduction relative to 2005 | 2010US\$ per tCO <sub>2</sub> e | Percentage reduction RTR                       |                           | Percentage reduction RTR |             |             | Increase RTR |
| USA             | Medium                                    |                          |                               |                                       |                                 |  |                           |                          |             |             |              |
| Brazil          | Medium                                    |                          |                               |                                       |                                 |  |                           |                          |             |             |              |
| EU-15           | Medium                                    |                          |                               |                                       |                                 |  |                           |                          |             |             |              |
| EU-12           | Medium                                    |                          |                               |                                       |                                 |  |                           |                          |             |             |              |
| Australia_NZ    | Low                                       |                          |                               |                                       |                                 |  |                           |                          |             |             |              |
| Canada          | Low                                       |                          |                               |                                       |                                 |  |                           |                          |             |             |              |
| South Korea     | Low                                       |                          |                               |                                       |                                 |  |                           |                          |             |             |              |
| Argentina       | Low                                       |                          |                               |                                       |                                 |  |                           |                          |             |             |              |
| Japan           | Low                                       |                          |                               |                                       |                                 |  |                           |                          |             |             |              |
| Colombia        | NA  |                          |                               |                                       |                                 |  |                           |                          |             |             |              |
| India           | Medium                                    |                          |                               |                                       |                                 |  |                           |                          |             |             |              |
| Russia          | Low                                       |                          |                               |                                       |                                 |  |                           |                          |             |             |              |
| China           | Low                                       |                          |                               |                                       |                                 |  |                           |                          |             |             |              |
| Africa_Northern | NA  |                          |                               |                                       |                                 |  |                           |                          |             |             |              |
| Mexico          | Medium                                    |                          |                               |                                       |                                 |  |                           |                          |             |             |              |
| South Africa    | Low                                       |                          |                               |                                       |                                 |  |                           |                          |             |             |              |
| Middle East     | NA  |                          |                               |                                       |                                 |  |                           |                          |             |             |              |
| Indonesia       | Low                                       |                          |                               |                                       |                                 |  |                           |                          |             |             |              |
| Southeast Asia  | NA  |                          |                               |                                       |                                 |  |                           |                          |             |             |              |

# Contribution of NDCs to SDGs

## - negative impacts

b

| Country/region  | Negative consequences for other societal goals |             |             |                   |                         |                    |                    |                                 |  |                         |             |             |              |                 |                       |
|-----------------|--|-------------|-------------|-------------------|-------------------------|--------------------|--------------------|---------------------------------|--|-------------------------|-------------|-------------|--------------|-----------------|-----------------------|
|                 | Economic development                           |             |             |                   | Energy access           |                    |                    |                                 |  | Food security           |             |             |              | Land-use change |                       |
|                 | Coal exports                                   | Oil exports | Gas exports | Mitigation costs  | Oil prices              | Natural gas prices | Electricity prices | Traditional biomass consumption | Per capita electricity consumption         | Wheat prices            | Corn prices | Beef prices | Dairy prices | Biomass land    | Unmanaged forest land |
|                 | Percentage reduction RTR                       |             |             | Percentage of GDP | Percentage increase RTR |                    |                    | Increase RTR*                   | Percentage reduction relative to Reference | Percentage increase RTR |             |             |              | Increase RTR*   | Decrease RTR*         |
| USA             |  |             |             |                   |                         |                    |                    |                                 |  |                         |             |             |              |                 |                       |
| Brazil          |  |             |             |                   |                         |                    |                    |                                 |  |                         |             |             |              |                 |                       |
| EU-15           |  |             |             |                   |                         |                    |                    |                                 |  |                         |             |             |              |                 |                       |
| EU-12           |  |             |             |                   |                         |                    |                    |                                 |  |                         |             |             |              |                 |                       |
| Australia_NZ    |  |             |             |                   |                         |                    |                    |                                 |  |                         |             |             |              |                 |                       |
| Canada          |  |             |             |                   |                         |                    |                    |                                 |  |                         |             |             |              |                 |                       |
| South Korea     |  |             |             |                   |                         |                    |                    |                                 |  |                         |             |             |              |                 |                       |
| Argentina       |  |             |             |                   |                         |                    |                    |                                 |  |                         |             |             |              |                 |                       |
| Japan           |  |             |             |                   |                         |                    |                    |                                 |  |                         |             |             |              |                 |                       |
| Colombia        |  |             |             |                   |                         |                    |                    |                                 |  |                         |             |             |              |                 |                       |
| India           |  |             |             |                   |                         |                    |                    |                                 |  |                         |             |             |              |                 |                       |
| Russia          |  |             |             |                   |                         |                    |                    |                                 |  |                         |             |             |              |                 |                       |
| China           |  |             |             |                   |                         |                    |                    |                                 |  |                         |             |             |              |                 |                       |
| Africa_Northern |  |             |             |                   |                         |                    |                    |                                 |  |                         |             |             |              |                 |                       |
| Mexico          |  |             |             |                   |                         |                    |                    |                                 |  |                         |             |             |              |                 |                       |
| South Africa    |  |             |             |                   |                         |                    |                    |                                 |  |                         |             |             |              |                 |                       |
| Middle East     |  |             |             |                   |                         |                    |                    |                                 |  |                         |             |             |              |                 |                       |
| Indonesia       |  |             |             |                   |                         |                    |                    |                                 |  |                         |             |             |              |                 |                       |
| Southeast Asia  |  |             |             |                   |                         |                    |                    |                                 |  |                         |             |             |              |                 |                       |

## Example

- of partnerships and means of support



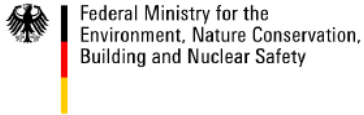
# Initiative for Climate Action Transparency

Objective: Provide policymakers around the world with tools and support to measure and assess the impacts of their climate policies and actions, to further transparent and ambitious climate action.



# Multi-stakeholder partnership

## DONORS



## GRANT MANAGEMENT



## SUPPORTING PARTNERS





# ICAT Guidance: Introductory Guide

## *Impact Assessment Guidance*

Greenhouse gas impacts:

Renewable Energy

Buildings Efficiency

Transport Pricing

Agriculture

Forest

Sustainable Development

Transformational Change

## *Supporting Guidance*

Stakeholder Participation

Technical Review

Non-State and  
Subnational Action

# Transformational Change Guidance

Guidance for assessing the transformational impacts of policies and actions

Available at: [www.climateactiontransparency.org/icat-guidance/](http://www.climateactiontransparency.org/icat-guidance/)

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# Definition of transformational change

- Transformational change is defined in this guidance as:

***A fundamental, sustained change of a system that disrupts established high-carbon practices and contributes to a zero-carbon society in line with the Paris Agreement's 1.5 - 2 °C temperature goal and the UN Sustainable Development Goals.***

# Characteristics of transformational change

## Transformational impact

### Outcomes - GHGs and SDGs

Scale of  
outcome

Sustained  
nature of  
outcome

### Processes

Technology

Agents


Incentives

Norms

## Challenge

- alignment of climate and development agendas for sustainability transition

# Example: Operationalizing the SD provisions in the Paris Agreement Article 6 cooperative approaches



|          |   |
|----------|---|
| Art. 6.1 | <ul style="list-style-type: none"> <li>• <b>Unitary objectives:</b></li> <li>• Increase ambition</li> <li>• Promote <b>sustainable development</b></li> <li>• Ensure environmental integrity</li> </ul> |
| Art. 6.2 | <ul style="list-style-type: none"> <li>• No international supervision, but guidance</li> <li>• Parties shall promote <b>SD</b> and</li> <li>• ensure environmental integrity</li> </ul>                 |
| Art. 6.4 | <ul style="list-style-type: none"> <li>• Supervision by UN Body</li> <li>• Rules, modalities and procedures</li> <li>• Contribute to GHG ERs and support <b>SD</b></li> </ul>                           |
| Art. 6.8 | <ul style="list-style-type: none"> <li>• Framework for non-market approaches to <b>sustainable development</b></li> </ul>   |
|          |   |
|          |   |
|          |   |

# SD issues identified in Party submissions

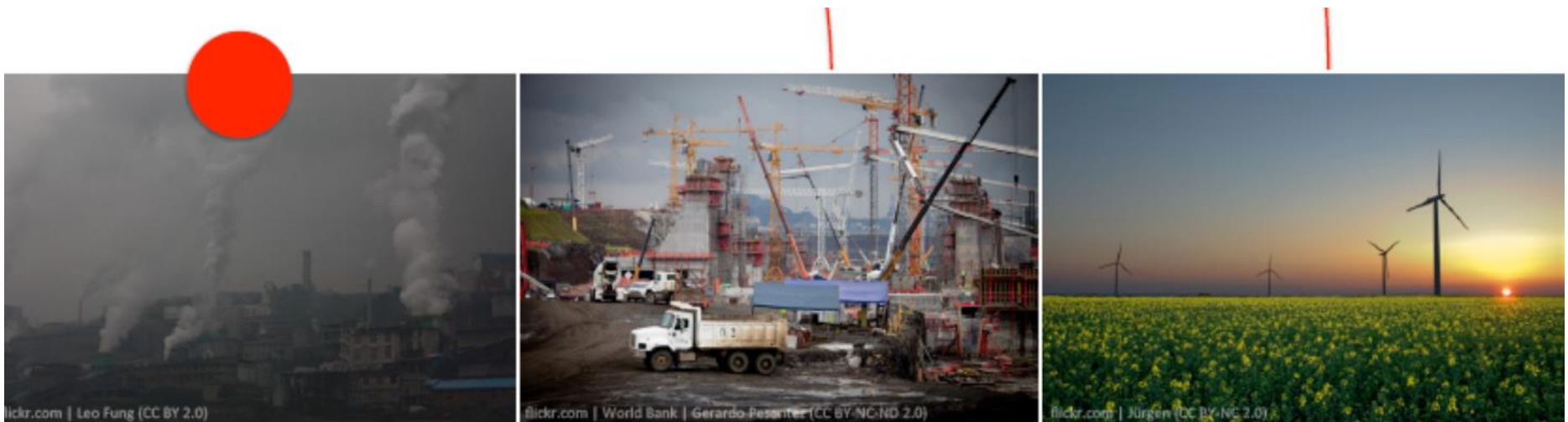
## SD issues raised by Parties:

- Defining SD criteria/standards/priorities is a national prerogative
- SD criteria to be made publicly available
- ***Global SDGs can serve as a framework for comparable reporting and assessment***
- An international voluntary tool like the CDM SD tool can be helpful to Parties
- Conformity with human rights and safeguards for no-harm-done to be confirmed
- Certification of units traded to promote SD, do-no-harm and respect human rights
- Tools to be developed for assessment of negative impacts of climate actions and outcomes
- Reporting under the transparency framework how activities promote SD
- International minimum requirements to be applied by Parties nationally

# Conclusion



# Climate change as a transformational challenge



Climate Change as  
Environmental Problem

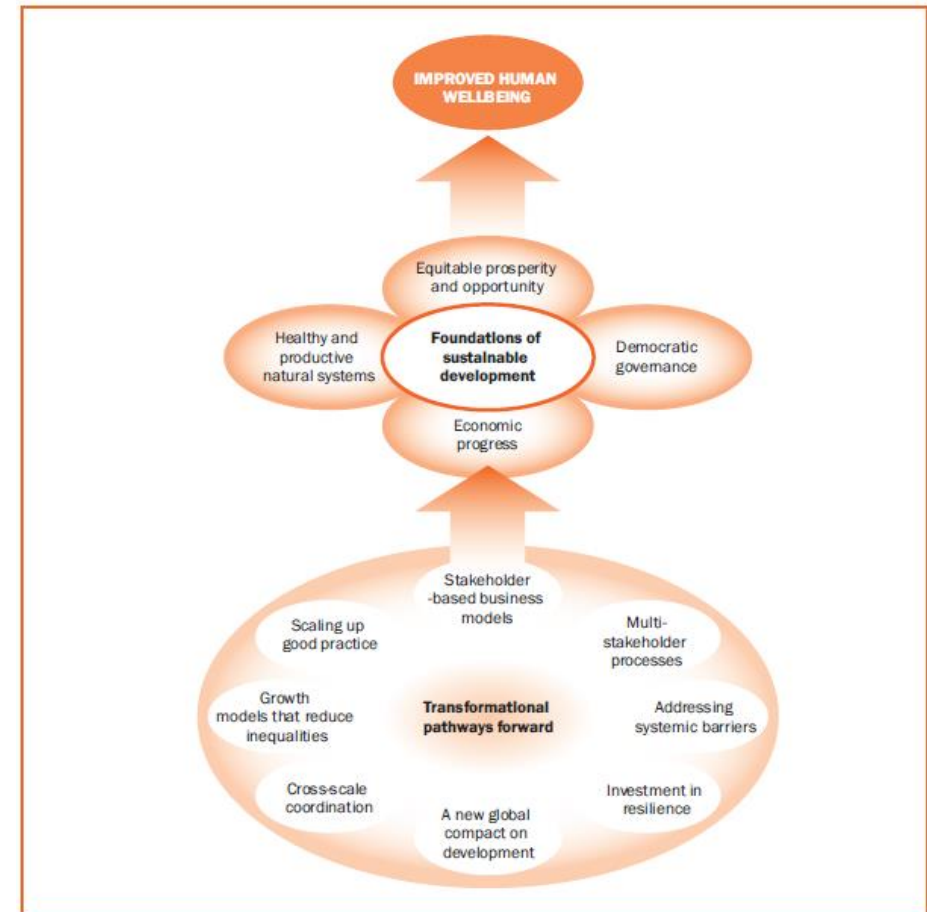
Climate Change as  
Development Issue

Climate Change as  
Transformation  
Challenge

Source: Hermwille 2017, [www.interconnections2017.org/papers](http://www.interconnections2017.org/papers)

# Transformational change

- The UN High-level Panel identifies five shifts for a transformational change to sustainable development:
  - Leave No One Behind
  - Put Sustainable Development at the Core
  - Transform Economies for Jobs and Inclusive Growth
  - Build Peace and Effective, Open and Accountable Institutions for All
  - Forge a New Global Partnership



Source: Independent Research Forum (IRF) on a Post-2015 Sustainable Development Agenda, March 2013

# Thank you!

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