

**The role of the Regional Seas Conventions and Action Plans with respect to Sustainable Development Goals on oceans and the post 2015 development agenda.**

16th Global Meeting of the Regional Seas Conventions and Action Plans

Athens, Greece

29 September to 1 October 2014

Leszek Dybiec, Chair, CCAMLR

The outcome document from the United Nations Conference on Sustainable Development held in Rio de Janeiro in 2012, “The Future We Want”, reflected international shared concern regarding the degradation of our oceans and seas including its living resources and ecosystems.

Heads of State and high level representatives subsequently resolved to “establish an inclusive and transparent intergovernmental process on sustainable development goals that is open to all stakeholders, with a view to developing global sustainable development goals to be agreed by the General Assembly” (*Resolution 66/288, para.248*).

Having worked since January 2013, the Open Working Group for Sustainable Development Goals (OWG) recently released (September 2014) its Proposal for consideration at the 69<sup>th</sup> Session of the General Assembly in which the goals and targets for sustainable development for the next 10 years are elaborated. They include a stand-alone goal for the oceans: *Goal 14. Conserve and sustainably use the oceans, seas and marine resources for sustainable development (A/67/L.48/Rev.1 – see Appendix)*.

While I do not profess to speak on behalf of all CCAMLR Members, CCAMLR’s experience does provide a basis for some broad observations and comments concerning our future sustainable development agenda for the oceans.

CCAMLR is an independent partner programme to the Regional Seas Conventions and Action Plans. It was not established under the auspices of UNEP but, as with all ocean regions, shares many of the interests and challenges of the regional seas family and that which the Proposal of the OWG seeks to address.

CCAMLR is 10 years younger than the regional seas programme. Its 33 years of operations have been marked by some significant achievements many of which have been the result of protracted and testing deliberations among its 25 Members. I will touch on some of these.

CCAMLR was established by international convention in 1982 to conserve Antarctic marine living resources where conservation includes rational use. So, unlike many participants in the regional seas programme, CCAMLR has a significant role in the management of fisheries. Since entry into force of the Convention, collectively and individually, CCAMLR’s 25 Members and 11 Acceding States have made good progress in several target areas identified in the proposed post-2015 sustainable development agenda.

While the absence of permanent communities in the Antarctic minimises issues associated with the social pillar of sustainable development the Antarctic marine environment remains exposed to many of the risks identified in the outcomes of UNEP’s visioning workshop in Switzerland in March this year.

As the single common link to the planet's 3 major oceans, the Indian, Pacific and Atlantic Oceans, the Southern Ocean is commonly portrayed as the conveyor belt for global ocean processes. It is critical to the health of the planet. And its health is critically linked to what happens in other oceans. While CCAMLR is concerned with many issues, and engages in numerous global processes as an organisation and individually through its Members, I'll touch on some issues that directly relate to the regional seas programme and Goal 14 of the Proposal.

### *Marine debris and pollution*

Since 1984, CCAMLR's has dedicated considerable effort to the assessment and avoidance of incidental mortality of Antarctic marine living resources. An important component relates to monitoring and reporting on marine debris in the Convention Area. CCAMLR has implemented measures to address the risk associated with entanglement of marine mammals in plastic packaging bands (used to secure bait boxes) and the injury to seabirds caused by the discharge of hooks in offal. CCAMLR Members annually submit information on marine debris from beach surveys, debris associated with seabird colonies, entanglements of marine mammals, and hydrocarbon soiling of mammals and seabirds. The CCAMLR Marine Debris Database contains data from 13 sites, predominantly in the Antarctic Peninsula and on Sub-Antarctic islands.

As well as monitoring the occurrence of debris, CCAMLR has developed a number of initiatives to educate fishers and fishing vessel operators about the potential impact of marine debris on seabirds and marine mammals. Since 1989, fishing and fisheries research vessels operating in CCAMLR waters have been required to display a marine debris poster which outlines procedures for the handling, storing and discarding of different types of refuse.

### *Ecosystem approach*

The CCAMLR Convention incorporates, as part of its objectives, the maintenance of ecological relationships and the prevention of irreversible changes to the ecosystem. To give effect to this commitment, in 1987, CCAMLR implemented an Ecosystems Monitoring Programme (CEMP) to monitor selected prey, predators and environmental indicators of ecosystem performance. The aim of CEMP is to provide information about changes in the ecosystem and to determine whether those changes are due to natural processes or are related to harvesting activities. Under CEMP, data on 14 parameters of predator performance have been collected on six predator species from 15 sites. This extremely valuable dataset, that continues to build, provides critical information to assist CCAMLR sustainably manage harvesting activities in the Convention Area.

In respect of the rational use of Antarctic marine living resources, the principles of decision-making in CCAMLR continue to be based on the best available science to deliver management of fishing operations that take account of ecological relationships involving associated and dependent species, and environmental change. In addition, CCAMLR has implemented a comprehensive suite of Conservation Measures designed to identify and protect vulnerable marine ecosystems from adverse impacts of bottom fishing.

CCAMLR has successfully addressed a range of by-catch threats including the development and implementation of globally recognised best-practice measures for the reduction of

seabird by-catch, which has led to near-zero levels of seabird mortality in CCAMLR-managed fisheries in recent years. Importantly, several finfish target stocks, severely depleted during periods of over-exploitation in the 1970s (before CCAMLR's existence) are demonstrating positive signs of re-building. This is occurring as a result of lengthy periods (in some cases more than 25 years) of prohibition on targeting these stocks.

CCAMLR's precautionary approach to management necessarily factors in considerations of climate change. The implications of climate change on krill and fish production modelling is the subject of work underway through the CCAMLR Scientific Committee relating to the development feedback management strategies for the krill fishery.

Significantly, in 2005, CCAMLR Members commenced a scientifically-based process to establish representative system of marine protected areas. In 2009 a high-seas marine protected area, covering 94,000 km<sup>2</sup> on the South Orkney islands shelf, became the first component of this system.

Efforts continued during 2013 and 2014 in relation to two proposals for the establishment of MPAs in the Ross Sea and in the East Antarctica and early data assimilation work has commenced in several other planning domains including the Antarctic Peninsula and the Weddell Sea.

### *IUU fishing*

Important in establishing the sustainability of CCAMLR-managed fisheries has been the collective efforts of CCAMLR Members, over 20 years, to address the threats posed by IUU fishing. Although the extent of IUU fishing in the CAMLR Convention Area has been reduced relative to the high levels experienced in the late 1990s and early 2000s it remains a serious threat to CCAMLR fisheries and associated ecosystems. This concern relates to uncertainties associated with IUU operations that need to be accommodated in assessments of the status and trends of target stocks and non-compliance with measures to mitigate impacts on non-target stocks and species taken incidentally in fishing operations.

### *Capacity building*

CCAMLR gives considerable attention to capacity building and means to strengthen participation in its institutional processes with a focus on science. In 2010, CCAMLR established a General Science Capacity Fund and a CCAMLR Scholarship which is available to early career scientists from CCAMLR Members. Four scholarships have been awarded to early career scientists from Argentina, Chile, China and Poland. In addition, the CCAMLR Secretariat has formalised an arrangement with the Secretariat of the Agreement for the Conservation of Albatross and Petrels (ACAP) and the University of Tasmania, under the auspices of the International Antarctic Institute, to support a post-graduate internship programme at the CCAMLR Secretariat.

### *Multilateral engagement*

CCAMLR functions as an integral component of the Antarctic Treaty System which was established by Treaty in 1962 and now involves 50 Contracting Parties. CCAMLR Members also engage in a large number of other multilateral processes such as in the IMO (in respect of the development of the Polar Code), numerous UN processes including those supporting

UNGA Resolutions on Sustainable Fisheries and Oceans and the Law of the Sea, the Open-ended Informal Consultative Process on Oceans and the Law of the Sea (UNICPOLOS), UNFCCC (on climate change), IHO (on bathymetric charting), and with regional fisheries bodies particularly those with responsibilities for areas contiguous with the CCAMLR Convention Area.

### *Conclusion*

In summary, the recommendation of a stand-alone Goal, and associated targets, for the oceans in the post-2015 sustainable development agenda relates directly to past and planned work of CCAMLR. The key challenges in meeting the targets are associated with:

- Improved knowledge of ecosystem processes in the Antarctic including uncertainties associated with climate change
- Continuing to strengthen the scientific basis for the precautionary management of harvesting activities for marine living resources in a changing environment
- Effectively combating threats from IUU fishing
- Promoting and supporting effective cross-sectorial engagement on Antarctic affairs
- Building scientific- and policy-engagement capacity to support effective participation in Antarctic-related institutional processes for all CCAMLR Members

### For Leszek's reference:

#### Introduction to the Proposal of The Open Working Group for Sustainable Development Goals

1. The Rio+20 outcome document, *The future we want*, inter alia, set out a mandate to establish an Open Working Group to develop a set of sustainable development goals for consideration and appropriate action by the General Assembly at its 68<sup>th</sup> session. It also provided the basis for their conceptualization. The Rio outcome gave the mandate that the SDGs should be coherent with and integrated into the UN development agenda beyond 2015.

2. Poverty eradication is the greatest global challenge facing the world today and an indispensable requirement for sustainable development. The Rio+20 outcome reiterated the commitment to freeing humanity from poverty and hunger as a matter of urgency.

3. Poverty eradication, changing unsustainable and promoting sustainable patterns of consumption and production and protecting and managing the natural resource base of economic and social development are the overarching objectives of and essential requirements for sustainable development.

4. People are at the centre of sustainable development and, in this regard, Rio+20 promised to strive for a world that is just, equitable and inclusive, and committed to work together to promote sustained and inclusive economic growth, social development and environmental protection and thereby to benefit all, in particular the children of the world, youth and future generations of the world without distinction of any kind such as age, sex, disability, culture, race, ethnicity, origin, migratory status, religion, economic or other status.

5. Rio+20 also reaffirmed all the principles of the Rio Declaration on Environment and Development, including, inter alia, the principle of common but differentiated responsibilities, as set out in principle 7 thereof.

6. It also reaffirmed the commitment to fully implement the Rio Declaration, Agenda 21, the Programme for the Further Implementation of Agenda 21, the Plan of Implementation of the World Summit on Sustainable Development (Johannesburg Plan of Implementation) and the Johannesburg Declaration on Sustainable Development, the Programme of Action for the Sustainable Development of Small Island Developing States (Barbados Programme of Action) and the Mauritius Strategy for the Further Implementation of the Programme of Action for the Sustainable Development of Small Island Developing States. It also reaffirmed the commitment to the full implementation of the Programme of Action for the Least Developed Countries for the Decade 2011–2020 (Istanbul Programme of Action), the Almaty Programme of Action: Addressing the Special Needs of Landlocked Developing Countries within a New Global Framework for Transit Transport Cooperation for Landlocked and Transit Developing Countries, the political declaration on Africa's development needs and the New Partnership for Africa's Development. It reaffirmed the commitments in the outcomes of all the major United Nations conferences and summits in the economic, social and environmental fields, including the United Nations Millennium Declaration, the 2005 World Summit Outcome, the Monterrey Consensus of the International Conference on Financing for Development, the Doha Declaration on Financing for Development, the outcome document of the High-level Plenary Meeting of the General Assembly on the Millennium Development Goals, the Programme of Action of the International Conference on Population and Development, the key actions for the further implementation of the Programme of Action of the International Conference on Population and Development and the Beijing Declaration and Platform for Action, and the outcome documents of their review conferences. The Outcome document of the September 2013 special event to follow up efforts made towards achieving the Millennium Development Goals reaffirmed, inter alia, the determination to craft a strong post-2015 development agenda. The commitment to migration and development was reaffirmed in the Declaration of the High-Level Dialogue on International Migration and Development.

7. Rio+20 outcome reaffirmed the need to be guided by the purposes and principles of the Charter of the United Nations, with full respect for international law and its principles. It reaffirmed the importance of freedom, peace and security, respect for all human rights, including the right to development and the right to an adequate standard of living, including the right to food and water, the rule of law, good governance, gender equality, women's empowerment and the overall commitment to just and democratic societies for development. It also reaffirmed the importance of the Universal Declaration of Human Rights, as well as other international instruments relating to human rights and international law.

8. The OWG underscored that the global nature of climate change calls for the widest possible cooperation by all countries and their participation in an effective and appropriate international response, with a view to accelerating the reduction of global greenhouse gas emissions. It recalled that the United Nations Framework Convention on Climate Change provides that parties should protect the climate system for the benefit of present and future generations of humankind on the basis of equity and in accordance with their common but differentiated responsibilities and respective capabilities. It noted with grave concern the significant gap between the aggregate effect of mitigation pledges by parties in terms of global annual emissions of greenhouse gases by 2020 and aggregate emission pathways consistent with having a likely chance of holding the increase in global average temperature below 2° C, or 1.5° C above pre-industrial levels and it reaffirmed that the ultimate objective under

the UNFCCC is to stabilize greenhouse gas concentrations in the atmosphere at a level that would prevent dangerous anthropogenic interference with the climate system.

9. Planet Earth and its ecosystems are our home and that “Mother Earth” is a common expression in a number of countries and regions, and Rio+20 noted that some countries recognize the rights of nature in the context of the promotion of sustainable development. Rio+20 affirmed the conviction that in order to achieve a just balance among the economic, social and environmental needs of present and future generations, it is necessary to promote harmony with nature. It acknowledged the natural and cultural diversity of the world, and recognized that all cultures and civilizations can contribute to sustainable development.

10. Rio+20 recognized that each country faces specific challenges to achieve sustainable development. It underscored the special challenges facing the most vulnerable countries and, in particular, African countries, least developed countries, landlocked developing countries and small island developing States, as well as the specific challenges facing the middle-income countries. Countries in situations of conflict also need special attention.

11. Rio+20 reaffirmed the commitment to strengthen international cooperation to address the persistent challenges related to sustainable development for all, in particular in developing countries. In this regard, it reaffirmed the need to achieve economic stability, sustained economic growth, the promotion of social equity and the protection of the environment, while enhancing gender equality, women’s empowerment and equal employment for all, and the protection, survival and development of children to their full potential, including through education.

12. Each country has primary responsibility for its own economic and social development and the role of national policies, domestic resources and development strategies cannot be overemphasized. Developing countries need additional resources for sustainable development. There is a need for significant mobilization of resources from a variety of sources and the effective use of financing, in order to promote sustainable development. Rio+20 affirms the commitment to reinvigorating the global partnership for sustainable development and to mobilizing the necessary resources for its implementation. The report of the Intergovernmental Committee of Experts on Sustainable Development Financing will propose options for a sustainable development financing strategy. The substantive outcome of the third International Conference on Financing for Development in July 2015 will assess the progress made in the implementation of the Monterrey Consensus and the Doha Declaration. Good governance and the rule of law at the national and international levels are essential for sustained, inclusive and equitable economic growth, sustainable development and the eradication of poverty and hunger.

13. Rio+20 reaffirmed that there are different approaches, visions, models and tools available to each country, in accordance with its national circumstances and priorities, to achieve sustainable development in its three dimensions which is our overarching goal.

14. The implementation of sustainable development goals will depend on a global partnership for sustainable development with the active engagement of governments, as well as civil society, the private sector, and the United Nations system. A robust mechanism of implementation review will be essential for the success of the SDGs. The General Assembly, the ECOSOC system and the High Level Political Forum will play a key role in this regard.

15. Rio+20 reiterated the commitment to take further effective measures and actions, in conformity with international law, to remove the obstacles to the full realization of the right of self-determination of peoples living under colonial and foreign occupation, which continue to adversely affect their economic and social development as well as their environment, are incompatible with the dignity and worth of the human person and must be combated and eliminated.

16. Rio+20 reaffirmed that, in accordance with the Charter, this shall not be construed as authorizing or encouraging any action against the territorial integrity or political independence of any State. It resolved to take further effective measures and actions, in conformity with international law, to remove obstacles and constraints, strengthen support and meet the special needs of people living in areas affected by complex humanitarian emergencies and in areas affected by terrorism.

17. In order to monitor the implementation of the SDGs, it will be important to improve the availability of and access to data and statistics disaggregated by income, gender, age, race, ethnicity, migratory status, disability, geographic location and other characteristics relevant in national contexts to support the support the monitoring of the implementation of the SDGs. There is a need to take urgent steps to improve the quality, coverage and availability of disaggregated data to ensure that no one is left behind.

18. Sustainable Development Goals are accompanied by targets and will be further elaborated through indicators focused on measurable outcomes. They are action oriented, global in nature and universally applicable. They take into account different national realities, capacities and levels of development and respect national policies and priorities. They build on the foundation laid by the MDGs, seek to complete the unfinished business of the MDGs, and respond to new challenges. These goals constitute an integrated, indivisible set of global priorities for sustainable development. Targets are defined as aspirational global targets, with each government setting its own national targets guided by the global level of ambition but taking into account national circumstances. The

goals and targets integrate economic, social and environmental aspects and recognize their interlinkages in achieving sustainable development in all its dimensions.

### **Sustainable Development Goals**

**Goal 1. End poverty in all its forms everywhere**

**Goal 2. End hunger, achieve food security and improved nutrition, and promote sustainable agriculture**

**Goal 3. Ensure healthy lives and promote well-being for all at all ages**

**Goal 4. Ensure inclusive and equitable quality education and promote life-long learning opportunities for all**

**Goal 5. Achieve gender equality and empower all women and girls**

**Goal 6. Ensure availability and sustainable management of water and sanitation for all**

**Goal 7. Ensure access to affordable, reliable, sustainable, and modern energy for all**

**Goal 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all**

**Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation**

**Goal 10. Reduce inequality within and among countries**

**Goal 11. Make cities and human settlements inclusive, safe, resilient and sustainable**

**Goal 12. Ensure sustainable consumption and production patterns**

**Goal 13. Take urgent action to combat climate change and its impacts\***

\*Acknowledging that the UNFCCC is the primary international, intergovernmental forum for negotiating the global response to climate change.

**Goal 14. Conserve and sustainably use the oceans, seas and marine resources for sustainable development**

**Goal 15. Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss**

**Goal 16. Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels**

**Goal 17. Strengthen the means of implementation and revitalize the global partnership for sustainable development**

### **Sustainable Development Goals and targets**

**Goal 1. End poverty in all its forms everywhere**

1.1 by 2030, eradicate extreme poverty for all people everywhere, currently measured as people living on less than \$1.25 a day

1.2 by 2030, reduce at least by half the proportion of men, women and children of all ages living in poverty in all its dimensions according to national definitions

1.3 implement nationally appropriate social protection systems and measures for all, including floors, and by 2030 achieve substantial coverage of the poor and the vulnerable

1.4 by 2030 ensure that all men and women, particularly the poor and the vulnerable, have equal rights to economic resources, as well as access to basic services, ownership, and control over land and other forms of property, inheritance, natural resources, appropriate new technology, and financial services including microfinance

1.5 by 2030 build the resilience of the poor and those in vulnerable situations, and reduce their exposure and vulnerability to climate-related extreme events and other economic, social and environmental shocks and disasters

1.a. ensure significant mobilization of resources from a variety of sources, including through enhanced development cooperation to provide adequate and predictable means for developing countries, in particular LDCs, to implement programmes and policies to end poverty in all its dimensions

1.b create sound policy frameworks, at national, regional and international levels, based on pro-poor and gender-sensitive development strategies to support accelerated investments in poverty eradication actions

## **Goal 2. End hunger, achieve food security and improved nutrition, and promote sustainable agriculture**

2.1 by 2030 end hunger and ensure access by all people, in particular the poor and people in vulnerable situations including infants, to safe, nutritious and sufficient food all year round

2.2 by 2030 end all forms of malnutrition, including achieving by 2025 the internationally agreed targets on stunting and wasting in children under five years of age, and address the nutritional needs of adolescent girls, pregnant and lactating women, and older persons

2.3 by 2030 double the agricultural productivity and the incomes of small-scale food producers, particularly women, indigenous peoples, family farmers, pastoralists and fishers, including through secure and equal access to land, other productive resources and inputs, knowledge, financial services, markets, and opportunities for value addition and non-farm employment

2.4 by 2030 ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters, and that progressively improve land and soil quality

2.5 by 2020 maintain genetic diversity of seeds, cultivated plants, farmed and domesticated animals and their related wild species, including through soundly managed and diversified seed and plant banks at national, regional and international levels, and ensure access to and fair and equitable sharing of benefits arising from the utilization of genetic resources and associated traditional knowledge as internationally agreed

2.a increase investment, including through enhanced international cooperation, in rural infrastructure, agricultural research and extension services, technology development, and plant and livestock gene banks to enhance agricultural productive capacity in developing countries, in particular in least developed countries

2.b. correct and prevent trade restrictions and distortions in world agricultural markets including by the parallel elimination of all forms of agricultural export subsidies and all export measures with equivalent effect, in accordance with the mandate of the Doha Development Round

2.c. adopt measures to ensure the proper functioning of food commodity markets and their derivatives, and facilitate timely access to market information, including on food reserves, in order to help limit extreme food price volatility

## **Goal 3. Ensure healthy lives and promote well-being for all at all ages**

3.1 by 2030 reduce the global maternal mortality ratio to less than 70 per 100,000 live births

3.2 by 2030 end preventable deaths of newborns and under-five children

3.3 by 2030 end the epidemics of AIDS, tuberculosis, malaria, and neglected tropical diseases and combat hepatitis, water-borne diseases, and other communicable diseases

3.4 by 2030 reduce by one-third pre-mature mortality from non-communicable diseases (NCDs) through prevention and treatment, and promote mental health and wellbeing

3.5 strengthen prevention and treatment of substance abuse, including narcotic drug abuse and harmful use of alcohol

3.6 by 2020 halve global deaths and injuries from road traffic accidents

3.7 by 2030 ensure universal access to sexual and reproductive health care services, including for family planning, information and education, and the integration of reproductive health into national strategies and programmes

3.8 achieve universal health coverage (UHC), including financial risk protection, access to quality essential health care services, and access to safe, effective, quality, and affordable essential medicines and vaccines for all

3.9 by 2030 substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water, and soil pollution and contamination

3.a strengthen implementation of the Framework Convention on Tobacco Control in all countries as appropriate

3.b support research and development of vaccines and medicines for the communicable and non-communicable diseases that primarily affect developing countries, provide access to affordable essential medicines and vaccines, in accordance with the Doha Declaration which affirms the right of developing countries to use to the

full the provisions in the TRIPS agreement regarding flexibilities to protect public health and, in particular, provide access to medicines for all

3.c increase substantially health financing and the recruitment, development and training and retention of the health workforce in developing countries, especially in LDCs and SIDS

3.d strengthen the capacity of all countries, particularly developing countries, for early warning, risk reduction, and management of national and global health risks

#### **Goal 4. Ensure inclusive and equitable quality education and promote life-long learning opportunities for all**

4.1 by 2030, ensure that all girls and boys complete free, equitable and quality primary and secondary education leading to relevant and effective learning outcomes

4.2 by 2030 ensure that all girls and boys have access to quality early childhood development, care and pre-primary education so that they are ready for primary education

4.3 by 2030 ensure equal access for all women and men to affordable quality technical, vocational and tertiary education, including university

4.4 by 2030, increase by x% the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship

4.5 by 2030, eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples, and children in vulnerable situations

4.6 by 2030 ensure that all youth and at least x% of adults, both men and women, achieve literacy and numeracy

4.7 by 2030 ensure all learners acquire knowledge and skills needed to promote sustainable development, including among others through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship, and appreciation of cultural diversity and of culture's contribution to sustainable development

4.a build and upgrade education facilities that are child, disability and gender sensitive and provide safe, non-violent, inclusive and effective learning environments for all

4.b by 2020 expand by x% globally the number of scholarships for developing countries in particular LDCs, SIDS and African countries to enrol in higher education, including vocational training, ICT, technical, engineering and scientific programmes in developed countries and other developing countries

4.c by 2030 increase by x% the supply of qualified teachers, including through international cooperation for teacher training in developing countries, especially LDCs and SIDS

#### **Goal 5. Achieve gender equality and empower all women and girls**

5.1 end all forms of discrimination against all women and girls everywhere

5.2 eliminate all forms of violence against all women and girls in public and private spheres, including trafficking and sexual and other types of exploitation

5.3 eliminate all harmful practices, such as child, early and forced marriage and female genital mutilations

5.4 recognize and value unpaid care and domestic work through the provision of public services, infrastructure and social protection policies, and the promotion of shared responsibility within the household and the family as nationally appropriate

5.5 ensure women's full and effective participation and equal opportunities for leadership at all levels of decision-making in political, economic, and public life

5.6 ensure universal access to sexual and reproductive health and reproductive rights as agreed in accordance with the Programme of Action of the ICPD and the Beijing Platform for Action and the outcome documents of their review conferences

5.a undertake reforms to give women equal rights to economic resources, as well as access to ownership and control over land and other forms of property, financial services, inheritance, and natural resources in accordance with national laws

5.b enhance the use of enabling technologies, in particular ICT, to promote women's empowerment

5.c adopt and strengthen sound policies and enforceable legislation for the promotion of gender equality and the empowerment of all women and girls at all levels

#### **Goal 6. Ensure availability and sustainable management of water and sanitation for all**

6.1 by 2030, achieve universal and equitable access to safe and affordable drinking water for all

6.2 by 2030, achieve access to adequate and equitable sanitation and hygiene for all, and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations

6.3 by 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater, and increasing recycling and safe reuse by x% globally

6.4 by 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity, and substantially reduce the number of people suffering from water scarcity

6.5 by 2030 implement integrated water resources management at all levels, including through transboundary cooperation as appropriate

6.6 by 2020 protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes

6.a by 2030, expand international cooperation and capacity-building support to developing countries in water and sanitation related activities and programmes, including water harvesting, desalination, water efficiency, wastewater treatment, recycling and reuse technologies

6.b support and strengthen the participation of local communities for improving water and sanitation management

### **Goal 7. Ensure access to affordable, reliable, sustainable, and modern energy for all**

7.1 by 2030 ensure universal access to affordable, reliable, and modern energy services

7.2 increase substantially the share of renewable energy in the global energy mix by 2030

7.3 double the global rate of improvement in energy efficiency by 2030

7.a by 2030 enhance international cooperation to facilitate access to clean energy research and technologies, including renewable energy, energy efficiency, and advanced and cleaner fossil fuel technologies, and promote investment in energy infrastructure and clean energy technologies

7.b by 2030 expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, particularly LDCs and SIDS

### **Goal 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all**

8.1 sustain per capita economic growth in accordance with national circumstances, and in particular at least 7% per annum GDP growth in the least-developed countries

8.2 achieve higher levels of productivity of economies through diversification, technological upgrading and innovation, including through a focus on high value added and labour-intensive sectors

8.3 promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage formalization and growth of micro-, small- and medium-sized enterprises including through access to financial services

8.4 improve progressively through 2030 global resource efficiency in consumption and production, and endeavour to decouple economic growth from environmental degradation in accordance with the 10-year framework of programmes on sustainable consumption and production with developed countries taking the lead

8.5 by 2030 achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value

8.6 by 2020 substantially reduce the proportion of youth not in employment, education or training

8.7 take immediate and effective measures to secure the prohibition and elimination of the worst forms of child labour, eradicate forced labour, and by 2025 end child labour in all its forms including recruitment and use of child soldiers

8.8 protect labour rights and promote safe and secure working environments of all workers, including migrant workers, particularly women migrants, and those in precarious employment

8.9 by 2030 devise and implement policies to promote sustainable tourism which creates jobs, promotes local culture and products

8.10 strengthen the capacity of domestic financial institutions to encourage and to expand access to banking, insurance and financial services for all

8.a increase Aid for Trade support for developing countries, particularly LDCs, including through the Enhanced Integrated Framework for LDCs

8.b by 2020 develop and operationalize a global strategy for youth employment and implement the ILO Global Jobs Pact

**Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation**

9.1 develop quality, reliable, sustainable and resilient infrastructure, including regional and trans-border infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all

9.2 promote inclusive and sustainable industrialization, and by 2030 raise significantly industry's share of employment and GDP in line with national circumstances, and double its share in LDCs

9.3 increase the access of small-scale industrial and other enterprises, particularly in developing countries, to financial services including affordable credit and their integration into value chains and markets

9.4 by 2030 upgrade infrastructure and retrofit industries to make them sustainable, with increased resource use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, all countries taking action in accordance with their respective capabilities

9.5 enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, particularly developing countries, including by 2030 encouraging innovation and increasing the number of R&D workers per one million people by x% and public and private R&D spending

9.a facilitate sustainable and resilient infrastructure development in developing countries through enhanced financial, technological and technical support to African countries, LDCs, LLDCs and SIDS

9.b support domestic technology development, research and innovation in developing countries including by ensuring a conducive policy environment for inter alia industrial diversification and value addition to commodities

9.c significantly increase access to ICT and strive to provide universal and affordable access to internet in LDCs by 2020

**Goal 10. Reduce inequality within and among countries**

10.1 by 2030 progressively achieve and sustain income growth of the bottom 40% of the population at a rate higher than the national average

10.2 by 2030 empower and promote the social, economic and political inclusion of all irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status

10.3 ensure equal opportunity and reduce inequalities of outcome, including through eliminating discriminatory laws, policies and practices and promoting appropriate legislation, policies and actions in this regard

10.4 adopt policies especially fiscal, wage, and social protection policies and progressively achieve greater equality

10.5 improve regulation and monitoring of global financial markets and institutions and strengthen implementation of such regulations

10.6 ensure enhanced representation and voice of developing countries in decision making in global international economic and financial institutions in order to deliver more effective, credible, accountable and legitimate institutions

10.7 facilitate orderly, safe, regular and responsible migration and mobility of people, including through implementation of planned and well-managed migration policies

10.a implement the principle of special and differential treatment for developing countries, in particular least developed countries, in accordance with WTO agreements

10.b encourage ODA and financial flows, including foreign direct investment, to states where the need is greatest, in particular LDCs, African countries, SIDS, and LLDCs, in accordance with their national plans and programmes

10.c by 2030, reduce to less than 3% the transaction costs of migrant remittances and eliminate remittance corridors with costs higher than 5%

**Goal 11. Make cities and human settlements inclusive, safe, resilient and sustainable**

11.1 by 2030, ensure access for all to adequate, safe and affordable housing and basic services, and upgrade slums

11.2 by 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities and older persons

11.3 by 2030 enhance inclusive and sustainable urbanization and capacities for participatory, integrated and sustainable human settlement planning and management in all countries

11.4 strengthen efforts to protect and safeguard the world's cultural and natural heritage

11.5 by 2030 significantly reduce the number of deaths and the number of affected people and decrease by y% the economic losses relative to GDP caused by disasters, including water-related disasters, with the focus on protecting the poor and people in vulnerable situations

11.6 by 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality, municipal and other waste management

11.7 by 2030, provide universal access to safe, inclusive and accessible, green and public spaces, particularly for women and children, older persons and persons with disabilities

11.a support positive economic, social and environmental links between urban, peri-urban and rural areas by strengthening national and regional development planning

11.b by 2020, increase by x% the number of cities and human settlements adopting and implementing integrated policies and plans towards inclusion, resource efficiency, mitigation and adaptation to climate change, resilience to disasters, develop and implement in line with the forthcoming Hyogo Framework holistic disaster risk management at all levels

11.c support least developed countries, including through financial and technical assistance, for sustainable and resilient buildings utilizing local materials

## **Goal 12. Ensure sustainable consumption and production patterns**

12.1 implement the 10-Year Framework of Programmes on sustainable consumption and production (10YFP), all countries taking action, with developed countries taking the lead, taking into account the development and capabilities of developing countries

12.2 by 2030 achieve sustainable management and efficient use of natural resources

12.3 by 2030 halve per capita global food waste at the retail and consumer level, and reduce food losses along production and supply chains including post-harvest losses

12.4 by 2020 achieve environmentally sound management of chemicals and all wastes throughout their life cycle in accordance with agreed international frameworks and significantly reduce their release to air, water and soil to minimize their adverse impacts on human health and the environment

12.5 by 2030, substantially reduce waste generation through prevention, reduction, recycling, and reuse

12.6 encourage companies, especially large and trans-national companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle

12.7 promote public procurement practices that are sustainable in accordance with national policies and priorities

12.8 by 2030 ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature

12.a support developing countries to strengthen their scientific and technological capacities to move towards more sustainable patterns of consumption and production

12.b develop and implement tools to monitor sustainable development impacts for sustainable tourism which creates jobs, promotes local culture and products

12.c rationalize inefficient fossil fuel subsidies that encourage wasteful consumption by removing market distortions, in accordance with national circumstances, including by restructuring taxation and phasing out those harmful subsidies, where they exist, to reflect their environmental impacts, taking fully into account the specific needs and conditions of developing countries and minimizing the possible adverse impacts on their development in a manner that protects the poor and the affected communities

## **Goal 13. Take urgent action to combat climate change and its impacts \***

\*Acknowledging that the UNFCCC is the primary international, intergovernmental forum for negotiating the global response to climate change .

13.1 strengthen resilience and adaptive capacity to climate related hazards and natural disasters in all countries

13.2 integrate climate change measures into national policies, strategies, and planning

13.3 improve education, awareness raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction, and early warning

13.a implement the commitment undertaken by developed country Parties to the UNFCCC to a goal of mobilizing jointly USD100 billion annually by 2020 from all sources to address the needs of developing countries in the

context of meaningful mitigation actions and transparency on implementation and fully operationalize the Green Climate Fund through its capitalization as soon as possible

13.b Promote mechanisms for raising capacities for effective climate change related planning and management, in LDCs, including focusing on women, youth, local and marginalized communities

**Goal 14. Conserve and sustainably use the oceans, seas and marine resources for sustainable development**

14.1 by 2025, prevent and significantly reduce marine pollution of all kinds, particularly from land-based activities, including marine debris and nutrient pollution

14.2 by 2020, sustainably manage and protect marine and coastal ecosystems to avoid significant adverse impacts, including by strengthening their resilience, and take action for their restoration, to achieve healthy and productive oceans

14.3 minimize and address the impacts of ocean acidification, including through enhanced scientific cooperation at all levels

14.4 by 2020, effectively regulate harvesting, and end overfishing, illegal, unreported and unregulated (IUU) fishing and destructive fishing practices and implement science-based management plans, to restore fish stocks in the shortest time feasible at least to levels that can produce maximum sustainable yield as determined by their biological characteristics

14.5 by 2020, conserve at least 10 per cent of coastal and marine areas, consistent with national and international law and based on best available scientific information

14.6 by 2020, prohibit certain forms of fisheries subsidies which contribute to overcapacity and overfishing, and eliminate subsidies that contribute to IUU fishing, and refrain from introducing new such subsidies, recognizing that appropriate and effective special and differential treatment for developing and least developed countries should be an integral part of the WTO fisheries subsidies negotiation \*

14.7 by 2030 increase the economic benefits to SIDS and LDCs from the sustainable use of marine resources, including through sustainable management of fisheries, aquaculture and tourism

14.a increase scientific knowledge, develop research capacities and transfer marine technology taking into account the Intergovernmental Oceanographic Commission Criteria and Guidelines on the Transfer of Marine Technology, in order to improve ocean health and to enhance the contribution of marine biodiversity to the development of developing countries, in particular SIDS and LDCs

14.b provide access of small-scale artisanal fishers to marine resources and markets

14.c ensure the full implementation of international law, as reflected in UNCLOS for states parties to it, including, where applicable, existing regional and international regimes for the conservation and sustainable use of oceans and their resources by their parties

**Goal 15. Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss**

15.1 by 2020 ensure conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and drylands, in line with obligations under international agreements

15.2 by 2020, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests, and increase afforestation and reforestation by x% globally

15.3 by 2020, combat desertification, and restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land-degradation neutral world

15.4 by 2030 ensure the conservation of mountain ecosystems, including their biodiversity, to enhance their capacity to provide benefits which are essential for sustainable development

15.5 take urgent and significant action to reduce degradation of natural habitat, halt the loss of biodiversity, and by 2020 protect and prevent the extinction of threatened species

15.6 ensure fair and equitable sharing of the benefits arising from the utilization of genetic resources, and promote appropriate access to genetic resources

15.7 take urgent action to end poaching and trafficking of protected species of flora and fauna, and address both demand and supply of illegal wildlife products

15.8 by 2020 introduce measures to prevent the introduction and significantly reduce the impact of invasive alien species on land and water ecosystems, and control or eradicate the priority species

15.9 by 2020, integrate ecosystems and biodiversity values into national and local planning, development processes and poverty reduction strategies, and accounts

15.a mobilize and significantly increase from all sources financial resources to conserve and sustainably use biodiversity and ecosystems

15.b mobilize significantly resources from all sources and at all levels to finance sustainable forest management, and provide adequate incentives to developing countries to advance sustainable forest management, including for conservation and reforestation

15.c enhance global support to efforts to combat poaching and trafficking of protected species, including by increasing the capacity of local communities to pursue sustainable livelihood opportunities

**Goal 16. Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels**

16.1 significantly reduce all forms of violence and related death rates everywhere

16.2 end abuse, exploitation, trafficking and all forms of violence and torture against children

16.3 promote the rule of law at the national and international levels, and ensure equal access to justice for all

16.4 by 2030 significantly reduce illicit financial and arms flows, strengthen recovery and return of stolen assets, and combat all forms of organized crime

16.5 substantially reduce corruption and bribery in all its forms

16.6 develop effective, accountable and transparent institutions at all levels

16.7 ensure responsive, inclusive, participatory and representative decision-making at all levels

16.8 broaden and strengthen the participation of developing countries in the institutions of global governance

16.9 by 2030 provide legal identity for all including birth registration

16.10 ensure public access to information and protect fundamental freedoms, in accordance with national legislation and international agreements

16.a strengthen relevant national institutions, including through international cooperation, for building capacities at all levels, in particular in developing countries, for preventing violence and combating terrorism and crime

16.b promote and enforce non-discriminatory laws and policies for sustainable development

**Goal 17. Strengthen the means of implementation and revitalize 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 ODA commitments, including to provide 0.7% of GNI in ODA to developing countries of which 0.15-0.20% 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 poor countries (HIPC) to reduce debt distress

17.5 adopt and implement investment promotion regimes for LDCs

**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, particularly at UN level, and through a global technology facilitation mechanism when agreed

17.7 promote 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 STI (Science, Technology and Innovation) capacity building mechanism for LDCs by 2017, and enhance the use of enabling technologies in particular ICT

**Capacity building**

17.9 enhance international support for implementing effective and targeted capacity building in developing countries to support national plans to implement all sustainable development goals, including through North-South, South-South, and triangular cooperation

**Trade**

17.10 promote a universal, rules-based, open, non-discriminatory and equitable multilateral trading system under the WTO including through the conclusion of negotiations within its Doha Development Agenda

17.11 increase significantly the exports of developing countries, in particular with a view to doubling the LDC share of global exports by 2020

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

### **Systemic issues**

#### **Policy and institutional coherence**

17.13 enhance global macroeconomic 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

#### **Multi-stakeholder partnerships**

17.16 enhance the global partnership for sustainable development complemented by multi-stakeholder partnerships that mobilize and share knowledge, expertise, technologies and financial resources to support the achievement of sustainable development goals in all countries, particularly developing countries

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

#### **Data, monitoring and accountability**

17.18 by 2020, enhance capacity building support to developing countries, including for LDCs and SIDS, 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 GDP, and support statistical capacity building in developing countries