PEMPHIS 56









































Minister's Note

The Sustainable Development Goals are an ambitious, yet a promising call for the betterment of our world. The universal adoption of the SDGs signifies the global commitment towards securing a better world for current and future generations. The SDGs seek to address the underlying causes and issues challenging the substantive realization of progress towards sustainable development. The SDGs are indeed a milestone, demonstrating our shared common interest towards sustainable development.

SDGs present an important template to measure our progress and identify areas where additional efforts are necessary. In terms of environmental sustainability, being a small island developing state where socio-economics of the nation are immensely dependent upon its natural environment, we must recognize that progress towards achieving the SDGs are intrinsically linked to the protection and the preservation of our environment. There is then a critical need to link the environment with developmental goals and decouple development and degradation of our natural environment.

The key feature of SDGs is a commitment to 'leave no one behind'. I take the opportunity to reiterate the government's commitment towards this creed. Achieving the SDGs will no doubt require the involvement and participation of everyone. As such, I call upon all stakeholders to contribute towards this important work.

Thoriq Ibrahim

Editor's Note

The Sustainable Development Goals (SDGs) have the potential to be a tool to shift from today's growth-based development model to a more sustainable and equitable development model with greater societal participation in decision making.

Distinct from the MDGs where only MDG-7 had a clear focus on the environment, the SDGs have been formulated with integrated goals and targets incorporating all three dimensions (economic, social, and environmental) of sustainable development.

It is important to acknowledge the linkage between the environment and socio-economic aspects, as development cannot be sustained without considering its environmental dimensions. This edition of Pemphis provides an overview of the implementation of SDGs in the Maldives, including the progress and challenges that we face. I hope the edition will be useful for everyone.

Feedbacks, comments, articles, photos, etc. are welcome at

environment@environment.gov.mv





- People living in extreme poverty: 836 million
- About one in five persons in developing regions lives on less than US\$1.25 per day
- The overwhelming majority of people living on less than \$1.25 a day belong to two regions: Southern Asia and sub-Saharan Africa
- High poverty rates are often found in small, fragile and conflictaffected countries
- One in four children under age five in the world has inadequate height for his or her age
- Every day in 2014, 42,000 people had to abandon their homes to seek protection due to conflict

- 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
- Implement nationally appropriate social protection systems and measures for all, including floors, and by 2030 achieve substantial coverage of the poor and the vulnerable
- By 2030, ensure that all men and women, in particular 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
- 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
- Ensure significant mobilization of resources from a variety of sources, including through enhanced development cooperation, in order to provide adequate and predictable means for developing countries, in particular least developed countries, to implement programmes and policies to end poverty in all its dimensions
- Create sound policy frameworks at the national, regional and international levels, based on pro-poor and gender-sensitive development strategies, to support accelerated investment in poverty eradication actions





































Hunger

- One in nine people in the world today (795 million) are undernourished
- The vast majority of the world's hungry people live in developing countries, where 12.9 per cent of the population is undernourished
- Asia is the continent with the most hungry people two thirds of the total.
- Southern Asia faces the greatest hunger burden, with about 281 million undernourished people. In sub-Saharan Africa, projections for the 2014-2016 period indicate a rate of undernourishment of almost 23 per cent
- Poor nutrition causes nearly half (45 per cent) of deaths in children under five - 3.1 million children each year
- One in four of the world's children suffer stunted growth. In developing countries the proportion can rise to one in three
- 66 million primary school-age children attend classes hungry across the developing world, with 23 million in Africa alone.

- 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
- By 2030, end all forms of malnutrition, including achieving, by 2025, the internationally agreed targets on stunting and wasting in children under 5 years of age, and address the nutritional needs of adolescent girls, pregnant and lactating women and older persons
- By 2030, double the agricultural productivity and incomes of small-scale food producers, in particular 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
- 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
- By 2020, maintain the genetic diversity of seeds, cultivated plants and farmed and domesticated animals and their related wild species, including through soundly managed and diversified seed and plant banks at the national, regional and international levels, and promote access to and fair and equitable sharing of benefits arising from the utilization of genetic resources and associated traditional knowledge, as internationally agreed
- Increase investment, including through enhanced international cooperation, in rural infrastructure, agricultural research and extension services, technology development and plant and livestock gene banks in order to enhance agricultural productive capacity in developing countries, in particular least developed countries
- Correct and prevent trade restrictions and distortions in world agricultural markets, including through the effect, in accordance with the mandate of the Doha Development Roun
- 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.





































- 17,000 fewer children die each day than in 1990, but more than six million children still die before their fifth birthday each year
- Since 2000, measles vaccines have averted nearly 15.6 million deaths
- Despite determined global progress, an increasing proportion of child deaths are in sub-Saharan Africa and Southern Asia. Four out of every five deaths of children under age five occur in these regions.
- Children born into poverty are almost twice as likely to die before the age of five as those from wealthier families

- \blacksquare By 2030, reduce the global maternal mortality ratio to less than 70 per 100,000 live births
- By 2030, end preventable deaths of newborns and children under 5 years of age, with all countries aiming to reduce neonatal mortality to at least as low as 12 per 1,000 live births and under-5 mortality to at least as low as 25 per 1,000 live births
- By 2030, end the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases and combat hepatitis, water-borne diseases and other communicable diseases
- By 2030, reduce by one third premature mortality from non-communicable diseases through prevention and treatment and promote mental health and well-being
- Strengthen the prevention and treatment of substance abuse, including narcotic drug abuse and harmful use of alcohol
- By 2020, halve the number of global deaths and injuries from road traffic accidents
- 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
- Achieve universal health coverage, 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
- By 2030, substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination
- Strengthen the implementation of the World Health Organization Framework Convention on Tobacco Control in all countries, as appropriate































- Maternal mortality has fallen by almost 50 per cent since 1990
- In Eastern Asia, Northern Africa and Southern Asia, maternal mortality has declined by around two-thirds
- But maternal mortality ratio the proportion of mothers that do not survive childbirth compared to those who do –
 in developing regions is still 14 times higher than in the developed regions
- More women are receiving antenatal care. In developing regions, antenatal care increased from 65 per cent in 1990 to 83 per cent in 2012
- Only half of women in developing regions receive the recommended amount of health care they need
- Fewer teens are having children in most developing regions, but progress has slowed. The large increase in contraceptive use in the 1990s was not matched in the 2000s
- The need for family planning is slowly being met for more women, but demand is increasing at a rapid pace
- At the end of 2014, there were 13.6 million people accessing antiretroviral therapy
- New HIV infections in 2013 were estimated at 2.1 million, which was 38 per cent lower than in 2001
- At the end of 2013, there were an estimated 35 million people living with HIV
- HIV is the leading cause of death for women of reproductive age worldwide
- TB-related deaths in people living with HIV have fallen by 36% since 2004
- There were 250 000 new HIV infections among adolescents in 2013, two thirds of which were among adolescent girls
- Over 6.2 million malaria deaths have been averted between 2000 and 2015,
- Between 2000 and 2013, tuberculosis prevention, diagnosis and treatment interventions saved an estimated 37 million lives.
- Support the research and development of vaccines and medicines for the communicable and noncommunicable diseases that primarily affect developing countries, provide access to affordable essential medicines and vaccines, in accordance with the Doha Declaration on the TRIPS Agreement and Public Health, which affirms the right of developing countries to use to the full the provisions in the Agreement on Trade Related Aspects of Intellectual Property Rights regarding flexibilities to protect public health, and, in particular, provide access to medicines for all
- Substantially increase health financing and the recruitment, development, training and retention of the health workforce in developing countries, especially in least developed countries and small island developing States
- Strengthen the capacity of all countries, in particular developing countries, for early warning, risk reduction and management of national and global health risks



- Enrolment in primary education in developing countries has reached 91 per cent but 57 million children remain out of school
- More than half of children that have not enrolled in school live in sub-Saharan Africa
- An estimated 50 per cent of out-of-school children of primary school age live in conflict-affected areas
- 103 million youth worldwide lack basic literacy skills, and more than 60 per cent of them are women

- By 2030, ensure that all girls and boys complete free, equitable and quality primary and secondary education leading to relevant and Goal-4 effective learning outcomes
- By 2030, ensure that all girls and boys have access to quality early childhood development, care and preprimary education so that they are ready for primary education
- By 2030, ensure equal access for all women and men to affordable and quality technical, vocational and tertiary education, including university
- By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship
- 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
- By 2030, ensure that all youth and a substantial proportion of adults, both men and women, achieve literacy and numeracy
- By 2030, ensure that all learners acquire the 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
- Build and upgrade education facilities that are child, disability and gender sensitive and provide safe, nonviolent, inclusive and effective learning environments for all
- By 2020, substantially expand globally the number of scholarships available to developing countries, in particular least developed countries, small island developing States and African countries, for enrolment in higher education, including vocational training and information and communications technology, technical, engineering and scientific programmes, in developed countries and other developing countries
- By 2030, substantially increase the supply of qualified teachers, including through international cooperation for teacher training in developing countries, especially least developed countries and small island developing states





































- About two thirds of countries in the developing regions have achieved gender parity in primary education
- In Southern Asia, only 74 girls were enrolled in primary school for every 100 boys in 1990. By 2012, the enrolment ratios were the same for girls as for boys
- In sub-Saharan Africa, Oceania and Western Asia, girls still face barriers to entering both primary and secondary school
- Women in Northern Africa hold less than one in five paid jobs in the nonagricultural sector. The proportion of women in paid employment outside the agriculture sector has increased from 35 per cent in 1990 to 41 per cent in 2015
- In 46 countries, women now hold more than 30 per cent of seats in national parliament in at least one chamber

- End all forms of discrimination against all women and girls everywhere
- Eliminate all forms of violence against all women and girls in the public and private spheres, including trafficking and sexual and other types of exploitation
- Eliminate all harmful practices, such as child, early and forced marriage and female genital mutilation
- 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
- Ensure women's full and effective participation and equal opportunities for leadership at all levels of decisionmaking in political, economic and public life
- Ensure universal access to sexual and reproductive health and reproductive rights as agreed in accordance with the Programme of Action of the International Conference on Population and Development and the Beijing Platform for Action and the outcome documents of their review conferences
- 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
- Enhance the use of enabling technology, in particular information and communications technology, to promote the empowerment of women
- 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





































- 2.6 billion people have gained access to improved drinking water sources since 1990
- At least 1.8 billion people globally use a source of drinking water that is fecally contaminated
- Between 1990 and 2015, the proportion of the global population using an improved drinking water source has increased from 76 per cent to 91 per cent
- But water scarcity affects more than 40 per cent of the global population and is projected to rise. Over 1.7 billion people are currently living in river basins where water use exceeds recharge
- 2.4 billion people lack access to basic sanitation services, such as toilets or latrines
- Floods and other water-related disasters account for 70 per cent of all deaths related to natural disasters
- More than 80 per cent of wastewater resulting from human activities is discharged into rivers or sea without any pollution removal
- Each day,nearly 1,000 children die due to preventable water and sanitation-related diarrhoeal diseases
- Hydropower is the most important and widely-used renewable source of energy and as of 2011, represented 16 per cent of total electricity production worldwide
- Approximately 70 per cent of all water abstracted from rivers, lakes and aquifers is used for irrigation

- By 2030, achieve universal and equitable access to safe and affordable drinking water for all
- 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
- 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 substantially increasing recycling and safe reuse globally
- 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
- By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate
- By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes
- By 2030, expand international cooperation and capacity-building support to developing countries in waterand sanitation-related activities and programmes, including water harvesting, desalination, water efficiency, wastewater treatment, recycling and reuse technologies
- Support and strengthen the participation of local communities in improving water and sanitation management





































- One in five people still lacks access to modern electricity
- 3 billion people rely on wood, coal, charcoal or animal waste for cooking and heating
- Energy is the dominant contributor to climate change, accounting for around 60 per cent of total global greenhouse gas emissions
- Reducing the carbon intensity of energy is a key objective in long-term climate goals



































- Global unemployment increased from 170 million in 2007 to nearly 202 million in 2012, of which about 75 million are young women and men
- Nearly 2.2 billion people live below the US\$2 poverty line and that poverty eradication is only possible through stable and well-paid jobs
- 470 million jobs are needed globally for new entrants to the labour market between 2016 and 2030

- Sustain per capita economic growth in accordance with national circumstances and, in particular, at least 7 per cent gross domestic product growth per annum in the least developed countries
- Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labour-intensive sectors
- Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small-and medium-sized enterprises, including through access to financial services
- 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
- 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
- By 2020, substantially reduce the proportion of youth not in employment, education or training
- Take immediate and effective measures to eradicate forced labour, end modern slavery and human trafficking and secure the prohibition and elimination of the worst forms of child labour, including recruitment and use of child soldiers, and by 2025 end child labour in all its forms
- Protect labour rights and promote safe and secure working environments for all workers, including migrant
 workers, in particular women migrants, and those in precarious employment
- By 2030, devise and implement policies to promote sustainable tourism that creates jobs and promotes local culture and products

































- Strengthen the capacity of domestic financial institutions to encourage and expand access to banking, insurance and financial services for all
- Increase Aid for Trade support for developing countries, in particular least developed countries, including through the Enhanced Integrated Framework for Trade-Related Technical Assistance to Least Developed Countries
- By 2020, develop and operationalize a global strategy for youth employment and implement the Global Jobs Pact of the International Labour Organization



- Basic infrastructure like roads, information and communication technologies, sanitation, electrical power and water remains scarce in many developing countries
- About 2.6 billion people in the developing world are facing difficulties in accessing electricity full time
- 2.5 billion people worldwide lack access to basic sanitation and almost 800 million people lack access to water, many hundreds of millions of them in Sub Saharan Africa and South Asia
- 1-1.5 billion people do not have access to reliable phone services
- Quality infrastructure is positively related to the achievement of social, economic and political goals
- Inadequate infrastructure leads to a lack of access to markets, jobs, information and training, creating a major barrier to doing business
- Undeveloped infrastructures limits access to health care and education

- Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all
- Promote inclusive and sustainable industrialization and, by 2030, significantly raise industry's share of employment and gross domestic product, in line with national circumstances, and double its share in least developed countries
- Increase the access of small-scale industrial and other enterprises, in particular in developing countries, to financial services, including affordable credit, and their integration into value chains and markets
- By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resourceuse efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities
- Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers per 1 million people and public and private research and development spending
- Facilitate sustainable and resilient infrastructure development in developing countries through enhanced financial, technological and technical support to African countries, least developed countries, landlocked developing countries and small island developing States 18
- 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
- Significantly increase access to information and communications technology and strive to provide universal and affordable access to the Internet in least developed countries by 2020



































10 REDUCED INEQUALITIES

Facts and figures

- On average—and taking into account population size—income inequality increased by 11 per cent in developing countries between 1990 and 2010
- A significant majority of households in developing countries—more than 75 per cent of the population—are living today in societies where income is more unequally distributed than it was in the 1990s
- Evidence shows that, beyond a certain threshold, inequality harms growth and poverty reduction, the quality of relations in the public and political spheres and individuals' sense of fulfilment and self-worth
- There is nothing inevitable about growing income inequality; several countries have managed to contain or reduce income inequality while achieving strong growth performance
- Income inequality cannot be effectively tackled unless the underlying inequality of opportunities is addressed
- In a global survey conducted by UN Development Programme, policy makers from around the world acknowledged that inequality in their countries is generally high and potentially a threat to long-term social and economic development
- Social protection has been significantly extended globally, yet persons with disabilities are up to five times more likely than average to incur catastrophic health expenditures

- By 2030, progressively achieve and sustain income growth of the bottom 40 per cent of the population at a rate higher than the national average
- 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
- Ensure equal opportunity and reduce inequalities of outcome, including by eliminating discriminatory laws, policies and practices and promoting appropriate legislation, policies and action in this regard
- Adopt policies, especially fiscal, wage and social protection policies, and progressively achieve greater equality
- Improve the regulation and monitoring of global financial markets and institutions and strengthen the implementation of such regulations
- Ensure enhanced representation and voice for developing countries in decision-making in global international economic and financial institutions in order to deliver more effective, credible, accountable and legitimate institutions
- Facilitate orderly, safe, regular and responsible migration and mobility of people, including through the implementation of planned and well-managed migration policies
- Implement the principle of special and differential treatment for developing countries, in particular least developed countries, in accordance with World Trade Organization agreements
- Encourage official development assistance and financial flows, including foreign direct investment, to States where the need is greatest, in particular least developed countries, African countries, small island developing States and landlocked developing countries, in accordance with their national plans and programmes
- By 2030, reduce to less than 3 per cent the transaction costs of migrant remittances and eliminate remittance corridors with costs higher than 5 per cent



































- Half of humanity 3.5 billion people lives in cities today
- By 2030, almost 60 per cent of the world's population will live in urban areas
- 95 per cent of urban expansion in the next decades will take place in developing world
- 828 million people live in slums today and the number keeps rising
- The world's cities occupy just 3 per cent of the Earth's land, but account for 60-80 per cent of energy consumption and 75 per cent of carbon emissions
- Rapid urbanization is exerting pressure on fresh water supplies, sewage, the living environment, and public health
- But the high density of cities can bring efficiency gains and technological innovation while reducing resource and energy consumption

- \blacksquare By 2030, ensure access for all to adequate, safe and affordable housing and basic services and upgrade slums
- 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
- By 2030, enhance inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlement planning and management in all countries
- Strengthen efforts to protect and safeguard the world's cultural and natural heritage
- By 2030, significantly reduce the number of deaths and the number of people affected and substantially decrease the direct economic losses relative to global gross domestic product caused by disasters, including water-related disasters, with a focus on protecting the poor and people in vulnerable situations
- By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management
- By 2030, provide universal access to safe, inclusive and accessible, green and public spaces, in particular for women and children, older persons and persons with disabilities
- Support positive economic, social and environmental links between urban, peri-urban and rural areas by strengthening national and regional development planning
- By 2020, substantially increase 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, and develop and implement, in line with the Sendai Framework for Disaster Risk Reduction 2015-2030, holistic disaster risk management at all levels
- Support least developed countries, including through financial and technical assistance, in building sustainable and resilient buildings utilizing local materials



































- Each year, an estimated one third of all food produced equivalent to 1.3 billion tonnes worth around \$1 trillion – ends up as waste
- If people worldwide switched to energy efficient lightbulbs the world would save US\$120 billion annually
- Should the global population reach 9.6 billion by 2050, the equivalent of almost three planets could be required to provide the natural resources needed to sustain current lifestyles
- Less than 3 per cent of the world's water is fresh (drinkable), of which 2.5 per cent is frozen in the Antarctica, Arctic and glaciers
- Man is polluting water faster than nature can recycle and purify water in rivers and lakes

- Implement the 10-year framework of programmes on sustainable consumption and production, all countries taking action, with developed countries taking the lead, taking into account the development and capabilities of developing countries
- By 2030, achieve the sustainable management and efficient use of natural resources
- By 2030, halve per capita global food waste at the retail and consumer levels and reduce food losses along production and supply chains, including post-harvest losses
- By 2020, achieve the 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 in order to minimize their adverse impacts on human health and the environment
- By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse
- Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle
- Promote public procurement practices that are sustainable, in accordance with national policies and priorities
- By 2030, ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature
- Support developing countries to strengthen their scientific and technological capacity to move towards more sustainable patterns of consumption and production
- Develop and implement tools to monitor sustainable development impacts for sustainable tourism that creates jobs and promotes local culture and products
- 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



































- From 1880 to 2012, average global temperature increased by 0.85°C. To put this into perspective, for each 1 degree of temperature increase, grain yields decline by about 5 per cent. Maize, wheat and other major crops have experienced significant yield reductions at the global level of 40 megatonnes per year between 1981 and 2002 due to a warmer climate
- Oceans have warmed, the amounts of snow and ice have diminished and sea level has risen. From 1901 to 2010, the global average sea level rose by 19 cm as oceans expanded due to warming and ice melted. The Arctic's sea ice extent has shrunk in every successive decade since 1979, with 1.07 million km² of ice loss every decade
- Given current concentrations and on-going emissions of greenhouse gases, it is likely that by the end of this century, the increase in global temperature will exceed 1.5°C compared to 1850 to 1900 for all but one scenario. The world's oceans will warm and ice melt will continue. Average sea level rise is predicted as 24 30cm by 2065 and 40-63cm by 2100. Most aspects of climate change will persist for many centuries even if emissions are stopped
- Global emissions of carbon dioxide (CO2) have increased by almost 50 per cent since 1990
- Emissions grew more quickly between 2000 and 2010 than in each of the three previous decades
- It is still possible, using a wide array of technological measures and changes in behaviour, to limit the increase in global mean temperature to two degrees Celsius above pre-industrial levels
- Major institutional and technological change will give a better than even chance that global warming will not exceed this threshold

- Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries
- Integrate climate change measures into national policies, strategies and planning
- Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning
- Implement the commitment undertaken by developed-country parties to the United Nations Framework Convention on Climate Change to a goal of mobilizing jointly \$100 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
- Promote mechanisms for raising capacity for effective climate change-related planning and management in least developed countries and small island developing States, including focusing on women, youth and local and marginalized communities



































- Oceans cover three quarters of the Earth's surface, contain 97 per cent of the Earth's water, and represent 99 per cent of the living space on the planet by volume
- Over three billion people depend on marine and coastal biodiversity for their livelihoods
- Globally, the market value of marine and coastal resources and industries is estimated at \$3 trillion per year or about 5 per cent of global GDP
- Oceans contain nearly 200,000 identified species, but actual numbers may lie in the millions

- By 2025, prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities, including marine debris and nutrient pollution
- 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 in order to achieve healthy and productive oceans
- Minimize and address the impacts of ocean acidification, including through enhanced scientific cooperation at all levels
- By 2020, effectively regulate harvesting and end overfishing, illegal, unreported and unregulated fishing and destructive fishing practices and implement science-based management plans, in order 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
- By 2020, conserve at least 10 per cent of coastal and marine areas, consistent with national and international law and based on the best available scientific information
- By 2020, prohibit certain forms of fisheries subsidies which contribute to overcapacity and overfishing, eliminate subsidies that contribute to illegal, unreported and unregulated 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 World Trade Organization fisheries subsidies negotiation
- By 2030, increase the economic benefits to Small Island developing States and least developed countries from the sustainable use of marine resources, including through sustainable management of fisheries, aquaculture and tourism
- Increase scientific knowledge, develop research capacity 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 small island developing States and least developed countries































- Oceans absorb about 30 per cent of carbon dioxide produced by humans, buffering the impacts of global warming
- Oceans serve as the world's largest source of protein, with more than 3 billion people depending on the oceans as their primary source of protein
- Marine fisheries directly or indirectly employ over 200 million people
- Subsidies for fishing are contributing to the rapid depletion of many fish species and are preventing efforts to save and restore global fisheries and related jobs, causing ocean fisheries to generate US\$ 50 billion less per year than they could
- As much as 40 per cent of the world oceans are heavily affected by human activities, including pollution, depleted fisheries, and loss of coastal habitats
- Provide access for small-scale artisanal fishers to marine resources and markets
- Enhance the conservation and sustainable use of oceans and their resources by implementing international law as reflected in UNCLOS, which provides the legal framework for the conservation and sustainable use of oceans and their resources, as recalled in paragraph 158 of The Future We Want



Forests

- Around 1.6 billion people depend on forests for their livelihood. This includes some 70 million indigenous people
- Forests are home to more than 80 per cent of all terrestrial species of animals, plants and insects

Desertification

 2.6 billion people depend directly on agriculture, but 52 per cent of the land used for agriculture is moderately or severely affected by soil degradation

- By 2020, ensure the 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
- By 2020, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests and substantially increase afforestation and reforestation globally
- By 2030, combat desertification, restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land degradation-neutral world
- By 2030, ensure the conservation of mountain ecosystems, including their biodiversity, in order to enhance their capacity to provide benefits that are essential for sustainable development
- Take urgent and significant action to reduce the degradation of natural habitats, halt the loss of biodiversity and, by 2020, protect and prevent the extinction of threatened species
- Promote fair and equitable sharing of the benefits arising from the utilization of genetic resources and promote appropriate access to such resources, as internationally agreed
- 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
- 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
- By 2020, integrate ecosystem and biodiversity values into national and local planning, development processes, poverty reduction strategies and accounts
- Mobilize and significantly increase financial resources from all sources to conserve and sustainably use biodiversity and ecosystems































- As of 2008, land degradation affected 1.5 billion people globally
- Arable land loss is estimated at 30 to 35 times the historical rate
- Due to drought and desertification each year 12 million hectares are lost (23 hectares per minute), where 20 million tons of grain could have been grown
- 74 per cent of the poor are directly affected by land degradation globally

Biodiversity

- Of the 8,300 animal breeds known, 8 per cent are extinct and 22 per cent are at risk of extinction
- Of the over 80,000 tree species, less than 1 per cent have been studied for potential use
- Fish provide 20 per cent of animal protein to about 3 billion people. Only ten species provide about 30 per cent of marine capture fisheries and ten species provide about 50 per cent of aquaculture production
- Over 80 per cent of the human diet is provided by plants. Only three cereal crops rice, maize and wheat provide 60 per cent of energy intake
- As many as 80 per cent of people living in rural areas in developing countries rely on traditional plant--based medicines for basic

Healthcare

- Micro-organisms and invertebrates are key to ecosystem services, but their contributions are still poorly known and rarely acknowledged
- Mobilize significant resources from all sources and at all levels to finance sustainable forest management and provide adequate incentives to developing countries to advance such management, including for conservation and reforestation
- Enhance global support for efforts to combat poaching and trafficking of protected species, including by increasing the capacity of local communities to pursue sustainable livelihood opportunities



- Among the institutions most affected by corruption are the judiciary and police
- Corruption, bribery, theft and tax evasion cost some US \$1.26 trillion for developing countries per year; this amount of money could be used to lift those who are living on less than \$1.25 a day above \$1.25 for at least six years
- The rate of children leaving primary school in conflict affected countries reached 50 per cent in 2011, which accounts to 28.5 million children, showing the impact of unstable societies on one of the major goals of the post 2015 agenda: education.
- The rule of law and development have a significant interrelation and are mutually reinforcing, making it essential for sustainable development at the national and international level
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- Significantly reduce all forms of violence and related death rates everywhere
- End abuse, exploitation, trafficking and all forms of violence against and torture of children
- Promote the rule of law at the national and international levels and ensure equal access to justice for all
- By 2030, significantly reduce illicit financial and arms flows, strengthen the recovery and return of stolen assets and combat all forms of organized crime
- Substantially reduce corruption and bribery in all their forms
- Develop effective, accountable and transparent institutions at all levels
- Ensure responsive, inclusive, participatory and representative decision-making at all levels
- Broaden and strengthen the participation of developing countries in the institutions of global governance
- By 2030, provide legal identity for all, including birth registration
- Ensure public access to information and protect fundamental freedoms, in accordance with national legislation and international agreements
- Strengthen relevant national institutions, including through international cooperation, for building capacity at all levels, in particular in developing countries, to prevent violence and combat terrorism and crime
- Promote and enforce non-discriminatory laws and policies for sustainable development



































- Official development assistance stood at \$135.2 billion in 2014, the highest level ever recorded
- 79 per cent of imports from developing countries enter developed countries duty-free
- The debt burden on developing countries remains stable at about 3 per cent of export revenue
- The number of Internet users in Africa almost doubled in the past four years
- 30 per cent of the world's youth are digital natives, active online for at least five years
- But more four billion people do not use the Internet, and 90 per cent of them are from the developing world

TARGETS

<u>Finance</u>

- Strengthen domestic resource mobilization, including through international support to developing countries, to improve domestic capacity for tax and other revenue collection
- 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 developing countries and 0.15 to 0.20 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
- Mobilize additional financial resources for developing countries from multiple sources
- 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 to reduce debt distress
- Adopt and implement investment promotion regimes for least developed countries

<u>Technology</u>

- 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
- 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
- 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



































Capacity building

■ 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

<u>Trade</u>

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

Systemic issues

Policy and institutional coherence

- Enhance global macroeconomic stability, including through policy coordination and policy coherence
- Enhance policy coherence for sustainable development
- Respect each country's policy space and leadership to establish and implement policies for poverty eradication and sustainable development

Multi-stakeholder partnerships

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

Data, monitoring and accountability

- 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
- 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































SUSTAINABLE DEVELOPMENT GOALS - IMPLEMENTATION IN MALDIVES

Coordination Mechanism

A Sustainable Development Goals Division (SDGs Division) was established at the Ministry of Environment and Energy (MEE) in May 2016. The Division is mandated to coordinate, monitor and report the implementation process of SDGs in Maldives. In order to facilitate and execute SDGs in the Maldives, a National Ministerial Coordination Committee (NMCC) was formed to provide guidance and feedback from the respective agencies and other areas of knowledge and ensure the integration of economic, environmental, governance and social actions towards the

development of SDGs at country context. In addition, a Technical Committee for the SDGs implementation was formed at the end of 2016 where all the government offices and state agencies are included who will act as focal points from their relevant agencies in providing critical and technical support

ACTIVITIES COMPLETED

National Dialogue on SDG Targets - May 2016

The first task that was done with the establishment of the SDGs Division was the mapping of the goals into policy documents. The work was carried out by MEE together with Ministry of Foreign Affairs (MoFA) and UN.

Translation of the SDGs to local language - 20th December 2016

A Technical Committee Meeting was held with all the members. This was the first Technical Committee meeting held on SDGs where the translation of the SDGs was finalized with indepth consultation with the members of the committee. In addition, discussions were held on identifying the challenges in aligning the global goals with National Development Plans and addressing institutional boundaries throughout the nation.

Data Updates of SDG indicators - March 2017

A data analysis on the indicators of the SDGs target were completed by the National Bureau of Statistics (NBS) and submitted to the NMCC. The Indicators were categorized as follows:

- Data that is already collected
- Data that can be collected with additional effort
- Indicators with no data collecting mechanisms
- Indicators not relevant to the country context
- Indicators that fall into tier 3 where no agreed methodology and data is available.

This exercise will help in the process of identifying the priority areas to be focused in the implementation of the SDGs.

Advocating SDGs to State Owned Enterprises (SOEs) - Ongoing

Introduction of the implementation of the SDGs with SOEs were started at the end of last year by the SDG Division of MEE. These sessions focused on giving information on the SDGs, activities carried out and the role of SOEs in the implementation of the SDGs. The SOEs are encouraged to champion the SDGs and has an important role in the implementation of SDGs in identifying them as 'Partners for the Global Goals'.

National Workshop on SDG Core Health Indicators - January 2017

The workshop was held to identify the national target setting for the SDG3, Good Health and Well Being. Ministry of Health organized the workshop with all the relevant stakeholders.

Development Plan (2017-2021) - Completed

A five year Development Plan was formulated by the Local Government Authority to be implemented in the island councils. This plan was produced based on the SDGs.

PLANNED AND ONGOING ACTIVITIES

Identifying Data Gaps and National Priorities

With the completion of data analysis by NBS, preparing for the work of identifying national priorities is in process. The SDGs Division together with the NBS will be conducting meetings with different sectors separately regarding the data issues. This exercise with help to identify the data gaps, how to address them and the cross cutting issues with input from the sectors and implementing agencies.

Voluntary National Reviews (VNRs) for High Level Political Forum – July 2017

In order to track and review progress, a High Level Political Forum (HLPF) on SDGs is to be held from 10-19 July, 2017 in New York. Maldives has committed to participate in the VNRs to share experience with success, challenges and lessons learned in the implementation of SDGs in the country. VNRs also seek to strengthen policies and institutions of governments and to mobilize multi-stakeholder support and partnerships for the implementation of the Sustainable Development Goals.

The Voluntary National Reviews will be focused from a perspective of Small Island Developing State since Maldives is a developing country that is vulnerable to major economic, social, financial, political and environmental issues. In addition, Maldives is the chair of the Alliance of Small Island States (AOSIS). The report will focus on 8 key goals, highlighting the challenges faced as an island nation and how the challenges have been attempted to overcome through innovative methods.

Implementation of the SDGs in the Maldives and successful experiences are to be presented from selected sectors. The sectors and the goals that will be focused in the VNRs are Health (Goal 3), Education (Goal 4), Gender (Goal 5), Water (Goal 6), Energy (Goal 7), Infrastructure (Goal 9), Climate (Goal 13) and Oceans (Goal 14).

The civil society and private sector input for the VNR is planned through consultations and during the validation process of the report. The final report is to be endorsed by the National Ministerial Coordination Committee for SDGs.

The VNR in being developed as a collaborative effort with the implementing agencies/sectors and it is crucial that the key sectors be represented at the Maldivian delegation for the HLPF. Efforts are underway to seek assistance for a multi-sector delegation to participate in the HPLF 2017.

Oceans Conference - June 2017

To support the implementation of SDG 14 (Life below Water), and to mark the World Oceans Day, a high-level United Nations Conference is going to be held from 5-7 June 2017. The main purpose of the conference is to identify ways and means to support the SDG 14 and involve all relevant stakeholders building on existing successful partnerships and stimulate innovative new partnerships to advance the implementation of SDG 14.

To prepare for the conference, the work of coordinating between the sectors is led by the SDGs Division. A working committee is formed with all the relevant agencies where the members of the committee will contribute in giving technical input and provide materials required for the conference.

Creating Awareness

The focus is mostly on creating awareness to all the stakeholders including Parliamentarians, Local Councils and school students to engage them in the implementation process of the SDGs.

The participation of NGOs and Civil Society is important in the implementation of the SDGs. A Forum for Civil Society and NGOs are arranged to enlighten and activate them in the implementation process. The Forum will help to encourage and empower the NGOs and civil society to seek resources for their work and identify how they can be engaged to reach the targets of SDGs. The purpose of reaching a lot of people will be covered through these forums since the NGOs are active at different islands.

Partnership with the Public Service Media (PSM) is important in creating awareness and reaches a wider audience. A capacity building workshop will be held for the media journalist of different media to make them aware of the SDGs and how they can link the SDGs into program development and in delivering reports and news. This will be an opportunity for the media journalists to learn the development issues and create opportunities for delivering meaningful reports to the public. In addition, special programs will be developed to be broadcasted in different Medias for the outreach of whole population. These awareness sessions and activities are arranged to be held separately throughout the year and will require technical support and funding throughout the process.

Integration of SDGs into Budgetary Process

One of the main tasks for the year includes the integration of SDGs into the budgetary process. This work is on-going in the Ministry of Finance and Treasury and will help in the plan of future activities for the implementation of the SDGs.

Development of a Monitoring Framework

Development of a Monitoring Framework is planned to be done in the 4th quarter of 2017. The framework will be developed to monitor and report the achievements of the SDGs targets in the process which will require Technical Assistance and financial support.

Identifying National Priority

Identification of National Priority for the SDGs targets will be made through a process of consultations with the implementing agencies as well as input from the civil society and the private sector. A Rapid Integrated Assessment (RIA) is scheduled for Aril 2017, which will feed into the process of identifying of the National Priority.

Issues/Challenges in the implementation of SDGs in the Maldives

Achieving five out of eight goals in the MDGs before 2015 was a great achievement for the country making Maldives the only 'MDG plus' country in the South Asia region. The implementation of the SDGs require strong coordination between the government agencies, SOEs, development partners, local governments, commitment by the private sector as well as the civil society. Furthermore, the implementation of SDGs also require continued political support and commitment as well as broad based participation as these will be critical to drive the national sustainable development agenda.

The lack of long term strategic direction, ad hoc implementation of strategic plans and frequent policy changes makes it difficult for sectors to plan programs, leading to duplication of work and resources and makes it difficult in planning for budget and execution.

The government agencies lack technical expertise as there is few staff who can engage in providing necessary and key information on issues related to sectors. Poor collaboration between the government agencies leads to duplication of work affecting the efficiency of decisions taken.

A series of activities are focused on raising awareness among the stakeholders given the lack of awareness on SDGs among the government agencies. In addition, due to the geographical dispersal of the islands, creating awareness for the local citizens requires more funding.

Across all the agencies, capacity building is required in collecting data. The lack of trained staff and necessary equipment for data collection contributes to this issue. Collaboration between the agencies are missing when it comes to data sharing since the current data systems are not integrated among the agencies and a proper mechanism for periodic/regular data collection is not in place. There is a need to strengthen the administrative data that is already available at different sectors since these administrative data can be used for decision making and avoid duplication of work and resources. One of the main challenges is getting funds for data collection. The National Bureau of Statistics has proposed 2 new surveys to be carried out in 2017 which will gather a lot of new data required for measuring the SDGs but lacks fund to carry out the proposed surveys. Therefore, strengthening the institutional and human capacity in the NBS is important.

Although Maldives has graduated from the status of Least Developed Countries (LDCs) to Middle Income Status, the country faces a lot of economic, social, financial and political challenges. Additionally, being a Small Island developing State (SIDS), the country is vulnerable to environmental shocks. The main challenge is getting funds required for the implementation of the SDGs because of the population dispersion; additional efforts have to be made to reach everyone leaving no one behind. Moreover, financial aid is required for the activities to achieve the Goals throughout the implementation process

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SUSTAINABLE DEVELOPMENT GERALS

Sinks prening

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