



# *EXPERT GROUP MEETING ON ENVIRONMENT STATISTICS*



## **Suriname's EXPERIENCE on Environmentally-related SDG indicators**

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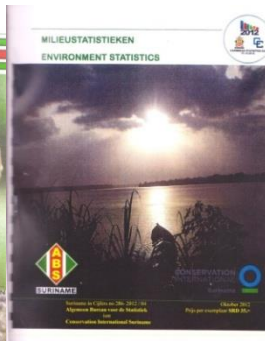
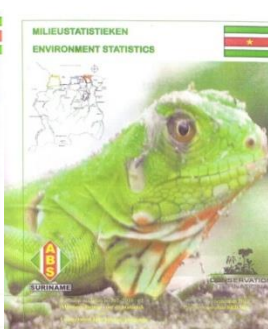
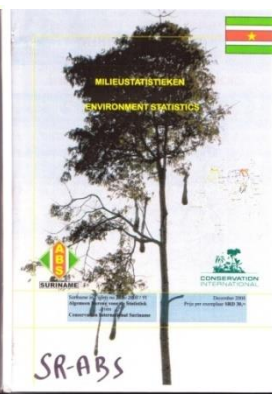
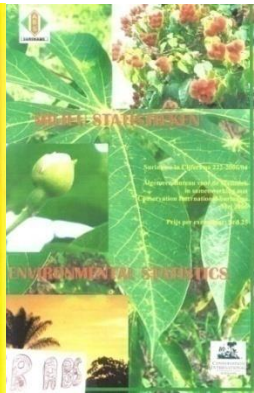
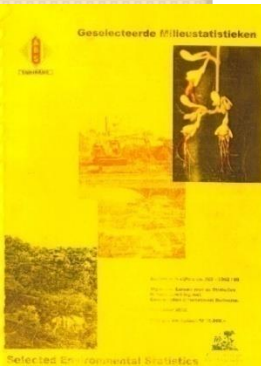
UNSD, New York, 16-18 May 2018

# Outline of the presentation

- 1:GBS – Environment Statistics publications
- 2:Frameworks used for the Environment Statistics publication.
  - 2.1: Sectors of the Environment Statistics Publication.
- 3:Process of Data collection and Compilation
- 4:Data Availability environmentally-related SDGs
  - 4.1: Status Data Availability per SDG goal
- 5. Strengths and Opportunities in data collection environmentally-related SDGs
- 6. Challenges and threats in data collection environmentally-related SDGs
- 7. Work in Progress/ Future activities
- 8. Conclusion

# 1. GBS-Environment Statistics Publication(s)

- The first was in 2002,
- The Second in May 2006
- The Third in December 2008
- The Fourth in September 2010
- The Fifth in October 2012
- The Sixth in December 2014
- The Seventh in December 2016
- And the Eight Publication will be launched the end of 2018



## **2. Frameworks used for the *Environment Statistics publication***

- 1. *Regional: The CARICOM Core Set.*** (This set contains most of the FDES statistics and also data on tourism).
- 2. *International, UNSD framework:***  
*The Framework for the Development of Environment Statistics (FDES 2013)*
- 3. *International UN framework: The Sustainable Development Goals (SDG), Environment Related SDG indicators.***

## 2.1: Sectors of the Environment Statistics publ.

- **Sector 1:** Demographic and Socio-economic Background (*FDES, CARICOM & SDGs*)
- **Sector 2:** Climate & Natural Disasters (*FDES & CARICOM & SDGs*)
- **Sector 3:** Tourism (*CARICOM*)
- **Sector 4:** Transport
- **Sector 5:** Environment and Health (*FDES & CARICOM & SDGs*)
- **Sector 6:** Water (*FDES & CARICOM & SDGs*)
- **Sector 7:** Energy and Minerals (*FDES & CARICOM & SDGs*)
- **Sector 8:** Forestry (*FDES & CARICOM & SDGs*)
- **Sector 9:** Coastal and Marine Resources (*FDES & CARICOM & SDGs*)
- **Sector 10:** Land use and Agriculture (*FDES & CARICOM & SDGs*)
- **Sector 11:** Biodiversity (*FDES & CARICOM & SDGs*)
- **Sector 12:** Air (*FDES & CARICOM & SDGs*)
- **Sector 13:** Waste (*FDES & CARICOM & SDGs*)

### 3. Process of Data collection and Compilation

- Send invitation letters to the stakeholders in the first quarter (e.g. February 2018). The stakeholders (50) are trusted to provide the GBS with the necessary data within at most two months (e.g. April 2018).
- Data is accepted by all possible means, digital (email) or hardcopy . Sometimes we receive raw data and have to create our own tables etc. I received circa 95 % of the requested data by the end of April 2018.
- A workshop is normally held in the second quarter of the year.

### 3. Process of Data collection and Compilation

- The workshop for 2018 will be funded by the National Institute for Environment and Development in Suriname (NIMOS) & UNDP Suriname. The state of affairs “a zero” draft with all the remaining gaps is presented and stakeholders get an additional month to fill the gaps.
- Processing and analyzing of the received data.
- Launch the publication (last quarter of the year). All stakeholders receive a complimentary hard copy of the publication also funded by NIMOS & UNDP Suriname (some receive the publication on a CD)

# 4. Data availability environmentally-related SDGs

## SDGs 2015 – 2030

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 lifelong 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

green (Goals 6 and 7) - entire goal is environmental

orange (Goals 2, 3, 8 and 9) - selected targets are environmental

## SDGs 2015 – 2030 (cont.)

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
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

green (Goals 11, 12, 13, 14 and 15) - entire goal is environmental



## 4. Data availability environmentally-related SDGs

- Of the 17 SDG goals, 7 goals are all environmentally related indicators (goals 6, 7, 11, 12, 13, 14 and 15) and 4 have selected environment related indicators (goals 2, 3, 8 and 9).
- Out of **the 84 environment related** SDG indicators Suriname at the moment only has data for **40 indicators** which is only circa **48** %. (some of these indicators data is available on the UN SDG website)
- For the data availability we checked three sources, namely
  1. The GBS Environment Statistics Publications 2012-2016 :  
<http://www.statistics-suriname.org/index.php/statistieken/downloads/category/34-milieu-publicatie-2012>
  2. The GBS “SurinameEnvironmentInfo DevInfo database:  
<http://www.devinfo.org/surinameenvironmentinfo/libraries.aspx/Home.aspx>
  3. And we also checked the UN SDG database:  
<https://unstats.un.org/sdgs/indicators/database>

# Main Sources of Environment Related SDGdata

- **Censuses & Surveys**
- CENSUS2012. The next census will be in 2022
- MICS 2,3 and 4. We are currently (March-July 2018) conducting MICS 6
- Household Surveys (HBS 2013/2014, Quarterly Labor Force Surveys)
  
- **Administrative data**
- Environment Statistics Publication and administrative data.
  
- See the following slides for the indicators, data availability and the source

## Goal 2: achieve food security and improved nutrition and promote sustainable agriculture

- 2.4.1 Proportion of agricultural area under productive and sustainable agriculture (Tier III)- **Yes, Source: Ministry of Agriculture, Animal Husbandry and Fisheries, Chapter 10 of ES pub.**
- 2.5.1 Number of plant and animal genetic resources for food and agriculture secured in either medium- or long-term conservation facilities (Tier I)-**No data available**
- 2.5.2 Proportion of local breeds classified as being at risk, not at risk or at unknown level of risk of extinction (Tier I)-**No data available**

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

- 3.9.1 Mortality rate attributed to household and ambient air pollution (Tier I)- *Yes, Data available on the UN website for 2012 (15.99)- The Environment Stat. publ. does not have this data .*
- 3.9.2 Mortality rate attributed to unsafe water, unsafe sanitation and lack of hygiene (exposure to unsafe Water, Sanitation and Hygiene for All (WASH) services) (Tier I)-**Yes. Data available from the MICS survey 2010 and the MICS 2018 will provide an update**

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

- 6.1.1 Proportion of population using safely managed drinking water services (Tier II)
  - **Yes. Source: Census 2012, Household Surveys ( Labour Force survey and HBS 2013/2014) and MICS2010/2018**
- 6.2.1 Proportion of population using safely managed sanitation services, including a hand-washing facility with soap and water(Tier II)-**Yes. Source MICS 2010, 2018**
- 6.3.1 Proportion of wastewater safely treated(Tier II) **No data available**
- 6.3.2 Proportion of bodies of water with good ambient water quality(Tier III) **No data available**
- 6.4.1 Change in water-use efficiency over time(Tier II) **No data available**
- 6.4.2 Level of water stress: freshwater withdrawal as a proportion of available freshwater resources(Tier I) **Yes, data available on the UN website for 2014**
- 6.5.1 Degree of integrated water resources management implementation (0–100) (Tier I) **No data available**
- 6.6.1 Change in the extent of water-related ecosystems over time (Tier III) **No data available**
- 6.a.1 Amount of water- and sanitation-related official development assistance that is part of a government-coordinated spending plan (Tier I) **yes, data available on the UN website for 2000-2015**
- 6.b.1 Proportion of local administrative units with established and operational policies and procedures for participation of local communities in water and sanitation management (Tier I) **No data available**

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

- 7.1.1 Proportion of population with access to electricity (Tier I)-Yes. Source: Census, Household Survey, MICS and Energy Company Suriname- Chapter 7 of the Environment Pub.
- 7.1.2 Proportion of population with primary reliance on clean fuels and technology (Tier I)-Yes. Source: Census, Household Survey, MICS and Energy Company Suriname- Chapter 7 of the Environment Pub.
- 7.2.1 Renewable energy share in the total final energy consumption(Tier I)Yes. Source: Energy Company Suriname-
- 7.3.1 Energy intensity measured in terms of primary energy and GDP (Tier I)-yes, data available on the UN website for 2000-2014
- 7.a.1 International financial flows to developing countries in support of clean energy research and development and renewable energy production, including in hybrid systems (Tier II)-No data
- 7.b.1 Investments in energy efficiency as a proportion of GDP and the amount of foreign direct investment in financial transfer for infrastructure and technology to sustainable development services(Tier III)-No data

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

- 8.4.1 Material footprint, material footprint per capita, and material footprint per GDP (Tier III)- **Yes data available on the UN website for 2000-2010**
- 8.4.2 Domestic material consumption, domestic material consumption per capita, and domestic material consumption per GDP (Tier I) **Yes data available on the UN website for 2000-2010**

## Goal 9 : Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

- 9.1.1 Proportion of the rural population who live within 2 km of an all-season road (Tier III) – **No data available**
- 9.4.1 CO<sub>2</sub> emission per unit of value added (Tier I)- **Yes data available on the UN website for 2000-2014**

## Goal 11: Make cities and human settlements inclusive, safe, resilient and sustainable

11.1.1 Proportion of urban population living in slums, informal settlements or inadequate housing (Tier I)- **Yes data available on the UN website for 2005 & 2014**

11.2.1 Proportion of population that has convenient access to public transport, by sex, age and persons with disabilities (Tier II). **No data**

11.3.1 Ratio of land consumption rate to population growth rate (Tier II) **No data**

11.3.2 Proportion of cities with a direct participation structure of civil society in urban planning and management that operate regularly and democratically (Tier III)

**No data**

## Goal 11: Make cities and human settlements inclusive, safe, resilient and sustainable

- 11.4.1 Total expenditure (public and private) per capita spent on the preservation, protection and conservation of all cultural and natural heritage, by type of heritage (cultural, natural, mixed and World Heritage Centre designation), level of government (national, regional and local/municipal), type of expenditure (operating expenditure/investment) and type of private funding (donations in kind, private non-profit sector and sponsorship) (Tier III) **No data**
- 11.5.1 Number of deaths, missing persons and directly affected persons attributed to disasters per 100,000 population (Tier II) **Yes, Source: National Coordination Center For Disaster Relief- Chapter two of the ES pub.**
- 11.5.2 Direct economic loss in relation to global GDP, damage to critical infrastructure and number of disruptions to basic services, attributed to disasters (Tier I) **Yes data available on the UN website 2016**
- 11.6.1 Proportion of urban solid waste regularly collected and with adequate final discharge out of total urban solid waste generated, by cities (Tier II) **Yes, Source: Ministry of Public Works, Garbage Pickup - Chapter thirteen of the ES pub.**
- 11.6.2 Annual mean levels of fine particulate matter (e.g. PM<sub>2.5</sub> and PM<sub>10</sub>) in cities (population weighted) (Tier I) **Yes data available on the UN website for 2012**
- 11.7.1 Average share of the built-up area of cities that is open space for public use for all, by sex, age and persons with disabilities (Tier III) **No data**
- 11.a.1 Proportion of population living in cities that implement urban and regional development plans integrating population projections and resource needs, by size of city (Tier III) **No data**
- 11.b.1 Number of countries that adopt and implement national disaster risk reduction strategies in line with the Sendai Framework for Disaster Risk Reduction 2015–2030 (Tier I) **No data**
- 11.b.2 Proportion of local governments that adopt and implement local disaster risk reduction strategies in line with national disaster risk reduction strategies (Tier II) **No data**
- 11.c.1 Proportion of financial support to the least developed countries that is allocated to the construction and retrofitting of sustainable, resilient and resource-efficient buildings utilizing local materials (Tier III) **No data**

## Goal 12: Ensure sustainable consumption and production patterns

- 12.1.1: Number of countries with sustainable consumption and production (SCP) national action plans or SCP mainstreamed as a priority or target into national policies (Tier II)- **No data**
- 12.2.1 Material footprint, material footprint per capita, and material footprint per GDP(Tier III) **Yes data available on the UN website for 2000-2010, see indicator 8.4.1**
- 12.2.2 Domestic material consumption, domestic material consumption per capita, and domestic material consumption per GDP (Tier I) **Yes data available on the UN website for 2000-2010, see indicator 8.4.2**
- 12.3.1 Global food loss index(Tier III) **No data**
- 12.4.1 Number of parties to international multilateral environmental agreements on hazardous waste, and other chemicals that meet their commitments and obligations in transmitting information as required by each relevant agreement(Tier I)-**Yes, Source: Ministry of Public Works- & UN website**
- 12.4.2 Hazardous waste generated per capita and proportion of hazardous waste treated, by type of treatment (Tier III) **No data**
- 12.5.1 National recycling rate, tons of material recycled (Tier III) **No data**
- 12.6.1 Number of companies publishing sustainability reports(Tier III) **No data**
- 12.7.1 Number of countries implementing sustainable public procurement policies and action plans(Tier III) **No data**
- 12.8.1 Extent to which (i) global citizenship education and (ii) education for sustainable development (including climate change education) are mainstreamed in (a) national education policies; (b) curricula; (c) teacher education; and (d) student assessment(Tier III) **No data**
- Indicator 12.a.1 Amount of support to developing countries on research and development for sustainable consumption and production and environmentally sound technologies (Tier III) **No data**
- 12.b.1 Number of sustainable tourism strategies or policies and implemented action plans with agreed monitoring and evaluation tools (Tier III) **No data**
- Indicator 12.c.1 Amount of fossil-fuel subsidies per unit of GDP (production and consumption) and as a proportion of total national expenditure on fossil fuels (Tier III) **No data**



## Goal 13: Take urgent action to combat climate change and its impacts

- 13.1.1 Number of deaths, missing persons and directly affected persons attributed to disasters per 100,000 population (Tier II) *Yes, Source: National Coordination Center For Disaster Relief- Chapter two of the ES pub.*
- 13.1.2 Number of countries that adopt and implement national disaster risk reduction strategies in line with the Sendai Framework for Disaster Risk Reduction 2015–2030(Tier I) **not yet**
- 13.2.1 Number of countries that have communicated the establishment or operationalization of an integrated policy/strategy/plan which increases their ability to adapt to the adverse impacts of climate change, and foster climate resilience and low greenhouse gas emissions development in a manner that does not threaten food production (including a national adaptation plan, nationally determined contribution, national communication, biennial update report or other)(Tier III) **No data**
- 13.3.1 Number of countries that have integrated mitigation, adaptation, impact reduction and early warning into primary, secondary and tertiary curricula(Tier III) **No data**
- 13.3.2 Number of countries that have communicated the strengthening of institutional, systemic and individual capacity-building to implement adaptation, mitigation and technology transfer, and development actions(Tier III) *Yes, Cabinet of the president ( environment division)*
- 13.a.1 Mobilized amount of United States dollars per year between 2020 and 2025 accountable towards the \$100 billion commitment (Tier III) **No data**
- 13.b.1 Number of least developed countries and small island developing States that are receiving specialized support, and amount of support, including finance, technology and capacity-building, for mechanisms for raising capacities for effective climate change-related planning and management, including focusing on women, youth and local and marginalized communities (Tier III) **No data**

## Goal 14: Conserve and sustainably use the oceans, seas and marine resources for sustainable development

- 14.1.1 Index of coastal eutrophication and floating plastic debris density(Tier III). **No data**
- 14.2.1 Proportion of national exclusive economic zones managed using ecosystem-based approaches (Tier III). **Yes, Chapter ten**
- 14.3.1 Average marine acidity (pH) measured at agreed suite of representative sampling stations (Tier III) **No data**
- 14.4.1 Proportion of fish stocks within biologically sustainable levels(Tier I) **Yes, Source: FAO & Fishery service. Chapter ten**
- 14.5.1 Coverage of protected areas in relation to marine areas(Tier I) **Yes, (Source SBB) Chapter Eight**
- 14.6.1 Progress by countries in the degree of implementation of international instruments aiming to combat illegal, unreported and unregulated fishing(Tier III) **Yes. Source: Min of Agriculture, Animal Husbandry and Fisheries.**
- 14.7.1 Sustainable fisheries as a proportion of GDP in small island developing States, least developed countries and all countries(Tier III) **No data**
- 14.a.1 Proportion of total research budget allocated to research in the field of marine technology(Tier II) **No data**
- 14.b.1 Progress by countries in the degree of application of a legal/ regulatory/ policy/ institutional framework which recognizes and protects access rights for small-scale fisheries(Tier III) **No data**
- 14.c.1 Number of countries making progress in ratifying, accepting and implementing through legal, policy and institutional frameworks, ocean-related instruments that implement international law, as reflected in the United Nations Convention on the Law of the Sea, for the conservation and sustainable use of the oceans and their resources(Tier III) **Yes, Min of Agriculture, Animal Husbandry and Fisheries.**

## 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

- 15.1.1 Forest area as a proportion of total land area(Tier I)  
• Yes. Source: SBB . Chapter eight ES pub
- 15.1.2 Proportion of important sites for terrestrial and freshwater biodiversity that are covered by protected areas, by ecosystem type(Tier I)  
Yes. Source: SBB . Chapter eight ES pub
- 15.2.1 Progress towards sustainable forest management(Tier I) Yes.  
Source: SBB . Chapter eight ES pub
- 15.3.1 Proportion of land that is degraded over total land area(Tier II) Yes.  
Source: SBB . Chapter eight ES pub
- 15.4.1 Coverage by protected areas of important sites for mountain biodiversity (Tier I) Yes. Source: SBB . Chapter eight ES pub
- 15.4.2 Mountain Green Cover Index (Tier I) Yes. Source: SBB . Chapter eight ES pub
- 15.5.1: Red List Index (Tier I). Yes, the Red list website. Chapter eleven
- 15.6.1 - Number of countries that have adopted legislative, administrative and policy frameworks to ensure fair and equitable sharing of benefits. Yes data available on the UN website for 2012-2017

## 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

- 15.7.1 Proportion of traded wildlife that was poached or illicitly trafficked(Tier II)- **No data**
- 15.8.1 Proportion of countries adopting relevant national legislation and adequately resourcing the prevention or control of invasive alien species(Tier II)- **Yes, government of Suriname**
- 15.9.1 Progress towards national targets established in accordance with Aichi Biodiversity Target 2 of the Strategic Plan for Biodiversity 2011–2020(Tier III) **Yes, Cabinet of the President (government of Suriname)**
- 15.a.1 Official development assistance and public expenditure on conservation and sustainable use of biodiversity and ecosystems (Tier I/III) **Yes data available on the UN website for 2003-2015**
- 15.b.1 Official development assistance and public expenditure on conservation and sustainable use of biodiversity and ecosystems (Tier I/III) **Yes data available on the UN website for 2003-2015, see 15.a.1**
- 15.c.1 Proportion of traded wildlife that was poached or illicitly trafficked (Tier II) **No data**

Environment Related Sustainable Development Goals (SDG Goal)		# Ind.	Data Availa.		Source for data
			#	%	
2	Achieve food security and improved nutrition and promote sustainable agriculture	3	1	33	2.4.1= <a href="#">Env.Stat. pub</a>
3	Ensure healthy lives and promote well-being for all at all ages	2	2	100	3.9.1= UN website/ 3.9.2= MICS 2010
6	Ensure availability and sustainable management of water and sanitation for all	10	4	40	6.1.1= CENSUS2012/MICS2010/ Household Surveys 6.2.1 =MICS2010 6.4.2= UN website (2014) 6.a.1= UN website (2000-2015)
7	Ensure access to affordable, reliable, sustainable and modern energy for all	6	4	67	7.11 & 7.1.2= <a href="#">Env. Stat. pub</a> 7.2.1= Energy Company Suriname 7.3.1= UN website (2000-2014)
8	Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all	2	2	100	8.4.1= UN website(2000-2010) 8.4.2= UN website(2000-2010)
9	Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation	2	1	50	9.4.1= UN website(2000-2014)
11	Make cities and human settlements inclusive, safe, resilient and sustainable	14	4	29	11.1.1= UN website (2005 & 2014) 11.5.1= <a href="#">Env. Stat. pub</a> 11.5.2= UN website (2016) 11.6.1= <a href="#">Env. Stat. pub</a> 11.6.2= UN website (2012)
12	Ensure sustainable consumption and production patterns	13	3	23	12.2.1=UN website(2000-2010) 12.2.2=UN website(2000-2010) 12.4.1= <a href="#">Env.Stat. pub</a> ( min publ works) & UN website(2015)
13	Take urgent action to combat climate change and its impacts	7	2	29	13.1.1= <a href="#">Env.Stat. pub</a> 13.3.2= Cabinet of the President
14	Conserve and sustainably use the oceans, seas and marine resources for sustainable development	10	5	50	14.2.1= <a href="#">Env.Stat. pub</a> 14.4.1= FAO 14.5.1= <a href="#">Env.Stat. pub</a> 14.6.1= Policy min of Agriculture 14.c.1= Policy min of Agriculture
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	12	80	15.1.1/ 15.1.2/ 15.2.1/ 15.3.1/ 15.4.1/ 15.4.2/ 15.5.1= <a href="#">Env. Stat. pub</a> 15.6.1= UN website(2012-2017) 15.8.1/ 15.9.1= Cabinet of the President 15.a.1 & 15.b.1=UN website (2003-2015)
<b>TOTAL</b>		<b>84</b>	<b>40</b>	<b>48</b>	

Note: Environment Statistics Publication= [Env.Stats. pub.](#)

## 5. Strengths and Opportunities in data collection environmentally-related SDGs (1)

- The 6<sup>th</sup> MICS 2018 is a very important survey which will provide baseline data for the SDGs. Suriname is currently conducting the MICS 6 using tablets. MICS 6 will mostly provide data on **goal 3** (*mortality rate unsafe water and Sanitation*), **goal 6** (*population using safely managed drinking water services & sanitation services*) & **goal 7** (*Proportion of population with access to electricity*)
- Suriname is preparing for the third UNFCCC report. The second UNFCCC report was done in 2008. This will provide an update for the climate change indicators where at the moment there is a data gap.

## 5. Strengths and Opportunities in data collection environmentally-related SDGs (2)

- Through the GBS Environment Statistics publication there is a good relationship between GBS and the Environment data providers. This year the 8<sup>th</sup> Environment Statistics publication will be published with the financial support of UNDP Suriname and NIMOS.
- The Environment Statistics Publication can be downloaded on the GBS website: <http://www.statistics-suriname.org/index.php/statistieken/downloads/category/34-milieu-publicatie-2012>
- June 2017 GBS in collaboration with NIMOS installed the Suriname Environment Information Network(SMIN) which is a network of users and producers of Environment Statistics. In the second quarter of 2018 we will have our second meeting.

## 5. Strengths and Opportunities in data collection environmentally-related SDGs (3)

- Since 2017 Suriname is part of the CARICOM Technical Working Group on SDGs who worked on the CARICOM Core set on SDGS.
- In 2017 Suriname also became part of the CARICOM Technical Working Group Environment Statistics responsible data collection on Environment Statistics.
- GBS has experience with the MDG process, through the writing of three MDG progress reports together with the line ministries of the government. I was responsible for Goal 7 (Environment) in the last MDG progress report that was published in 2014.
- <http://www.statistics-suriname.org/index.php/statistieken/downloads/category/35-millennium-development-goals>



## 6. Challenges and threats collecting data incl. SDG data (1)

- For some of the Environment related SDG Indicators there is no data available in the Environment Statistics Publications. For some of these indicators data is available on the UN SDG database.  
Its is important that GBS needs to review and compare the data especially if we are not the source.
- For some indicators there is no data available either in the Env. Stat. publications or the UN SDG database, a specialized Survey is needed to collect this data. Lack of financial and human resources makes it hard to have specialized surveys.
- There is no official SDG commission installed yet, like how it was with the MDG.

## 6.Challenges and threats in data collection environmentally-related SDGs (2)

- The metadata needs to be studied to see how values could be better harmonized if different. For some Tier 2, and in particular for Tier 3 indicators, if there is no data available one of the problems could possibly be the lack of metadata (probably due to lack of methodology) provided by the custodian agency of the SDG indicator.
- Some of the Tier 2 and Tier 3 indicators are still very challenging globally so more time, research etc. is needed for methodological work by the custodian agencies. Some of the Tier 3 indicators should be re-considered/re-discussed by the custodian agencies to make them a bit simpler or to have proxy indicators.

## 5. Challenges and threats in data collection environmentally-related SDGs

- The data from Surveys like MICS (latest 2010) and data from the Census (latest 2012) are only available for certain years. (MICS every 5 years) and Census every 10 years. These surveys and censuses cost a lot of money and the data needs to be updated.
- This also the case for the UNFCCC report that was last done in 2008. Their needs to be an update of this report.
- To obtain the data the data providers need to be reminded constantly (calling, emailing and personal visits), which is very labour intensive and lack of financial and human resources makes hard for the GBS.
- Sometimes the data is not collected or processed in the format that GBS wants. We get “raw data”, and have to make some modifications.

# 7. Work in Progress/ Future activities

- **National:**
  - For the 8<sup>th</sup> Environment Statistics Publication GBS will try to collect Environment related SDG data where available.
- **Regional:**
  - Suriname was part of the Regional Public Goods Project: (IDB, UNSD, ECLAC, 11 participating countries from the Caribbean and Latin America): *“Development and Strengthening of Official Environmental Statistics through a Regional Framework in Latin America and the Caribbean*
  - *Suriname will also be part of “ Regional Climate Change Indicators Framework for Evidence Based Policies and Decision Making in Latin America and the Caribbean”* where 17 countries will participate.
  - Continued work on the CARICOM Core Indicators.
- **International:**
  - Participate in the fifth UNSD-led Expert Group on Environment Statistics.

# Conclusion

- **The first publication (2002) contained**
- **13 chapters / 61 Tables/ 0 Graphs /60 pages and No basic descriptions per chapter and table.**
  
- **The most recent publication (2016)**
- **13 chapters / 167 Tables/ 42 Graphs / 202 pages and Basic descriptions per chapter and per table.**
  
- **But there is still room to expand and improve especially in light of new data demands that have emanated or will emanate from the SDG targets and climate change discussions.**



- Thank you
- Gracias
- Bedankt

