



## National online workshop:

Generating environment, climate change and disasters indicators for use in policy decision-making in Grenada

17 – 19 Oct 2022

# Group work: Building climate change and disaster indicators

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# We will now divide into 5 groups:

Five indicators to be built during the workshop:

1. **Drivers** – Ind 19 Number of fossil-driven vehicles per capita
2. **Impacts** - Ind 58 Total rainfall anomaly
3. **Vulnerability** - Ind 90 Ecosystem carbon stocks
4. **Mitigation** – Ind 125 Increase in forest area
5. **Adaptation** – Ind 156 Municipal waste collected per capita

# What to do during the break out groups?

**Objective:** calculate and develop the methodological sheet of the chosen indicator

**Activities:**

- Work together to calculate, describe the selected indicator and develop its MS – complete all fields of the MS
- Present in plenary on day 3

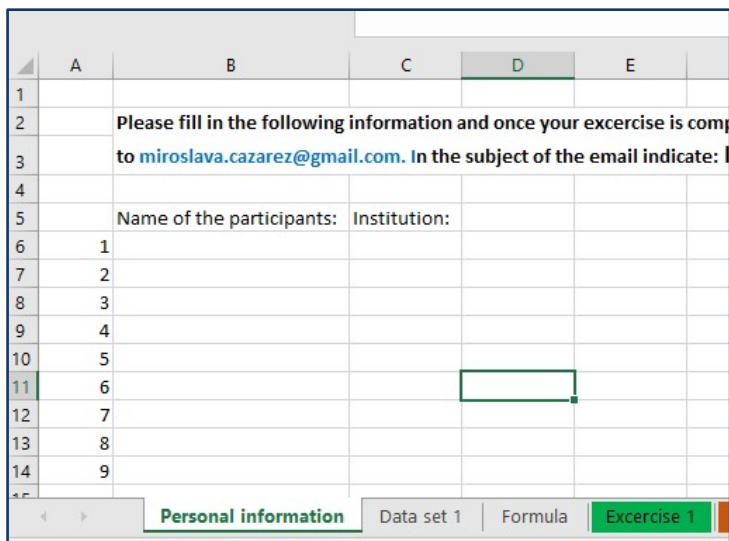
**Materials:** data set (Excel file) + generic metadata (pdf) + MS template (Word file)

**Output:** New indicator + its MS per group

# Materials

1. Excel file – Data, formula & Exercises
2. Metadata of the indicator

## 1



The screenshot shows an Excel spreadsheet with the following content:

	A	B	C	D	E
1					
2		Please fill in the following information and once your exercise is complete, email the results to <a href="mailto:miroslava.cazarez@gmail.com">miroslava.cazarez@gmail.com</a> . In the subject of the email indicate:			
3					
4					
5		Name of the participants:	Institution:		
6	1				
7	2				
8	3				
9	4				
10	5				
11	6				
12	7				
13	8				
14	9				

At the bottom, the worksheet tabs are labeled: Personal information, Data set 1, Formula, and Exercise 1.

## 2

Generic metadata: Indicator 1

Total greenhouse gas emissions per year

Field	Description			
Code	1020	1021	1022	1023
Indicator	Total greenhouse gas emissions per year (SDG 13.2.2)			
Statistics		Total emissions of direct greenhouse gases (GHGs, excluding LULUCF) (FDES 3.1.1.a)	Total emissions of indirect greenhouse gases (GHGs) (FDES 3.1.1.b)	Greenhouse gas emissions from land use, land use change and forestry (LULUCF) (UN-ECE 11)
Area	Drivers			
Topic	Total greenhouse gas (GHG) emissions	Total greenhouse gas (GHG) emissions	Total greenhouse gas (GHG) emissions	Total greenhouse gas (GHG) emissions
Themes	GHG emissions	GHG emissions	GHG emissions	GHG emissions
Paris Agreement article	13.7a	13.7a	13.7a	13.7a
PAWP-Katowice	Decision 18/CMA.1, chapter II, para. 47-49	Decision 18/CMA.1, chapter II, para. 47-49	Decision 18/CMA.1, chapter II, para. 47-49	Decision 18/CMA.1, chapter II, para. 47-49
FDES		3.1.1.a	3.1.1.b	
SDG	13.2.2			

- Data Set
- Formula
- Exercise



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**Thank you for your attention!**

<https://www.cepal.org/en/topics/environmental-statistics>



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