Climate Change Country Research Template
Nadi, Fiji, September 2018
SIAP Climate Change Exercise (September 2018)

Instructions

Day 1

1. Review most recent national documentation on climate change (e.g,. National communications, other reports)
   National Communications:
   https://unfccc.int/process-and-meetings/transparency-and-reporting/reporting-and-review-under-the-convention/national-communications-and-biennial-update-reports-non-annex-i-parties/national-communication-submissions-from-non-annex-i-parties
   Non-annex:
   https://unfccc.int/process/transparency-and-reporting/reporting-and-review-under-the-convention/national-communications-and-biennial-reports--annex-i-parties/submissions/national-communications/fifth-national-communications
   Annex parties:
2. Asses whether specified indicator from UN-ECE list below is relevant or a priority in your country.
3. Review "metadata" for priority indicators in your country.
4. Discuss possible additional indicators that are relevant for your country. Select highest priority additional indicators.

Day 2, 3 & 4

5. Review which "series" are required to calculate the selected indicators (e.g., Share of fossil fuels in total primary energy supply (TPES) requires TPES and total fossil fuels supplied).
6. Search ESCAP database for indicators for your country. Also search national, other international and academic sources.
7. Record data, if available, for recent and one year in the past. Note if "proxies" available (not exactly the same definition)
   ESCAP database http://data.unescap.org/escap_stat/#domains

Day 5

8. Complete data recording for priority indicators.
9. Finalize indicators (calculate final indicators). Begin country report (5-minute verbal or PPT presentation).
10. Outline for country presentation:

- My country is concerned about climate change because….
- To address this concern, we should be producing the following key indicators as official statistics [choose 3]
- We have added indicator (x) to the list of priority indicators.
- We have national data for (x) out of 3 of these indicators and the indicators show…[good/bad trends]
- To develop (x) indicator as an official statistic, we would need to…[elements of work plan]
- To be more relevant to our country, we would suggest adding the following indicators to the list of priority indicators…

Source of Indicator list: Annex III of the Final Report (ECE/CES/BUR/2017/FEB/19)

Climate Change Country Research Template
Country:

Area	Sub-area	No.	Indicator	Series required	Source	Past value	Recent value	Trend (good / bad)
Drivers	National total	1	Total primary energy supply (TPES)					
		2	Share of fossil fuels in total primary energy supply (TPES)					
		3	Losses of land covered by (semi-) natural vegetation					
		4	Total support for fossil fuels / GDP					
	Production	5	Total energy intensity of production activities					
		6	CO2 intensity of energy for the economy					
		7	Emission intensity of agricultural commodities					
	Consumption	8	Energy consumption by households / capita					
Emissions	National total	9	Total GHG emissions					
		10	CO2 emissions from fuel combustion					
		11	GHG emissions from land use					
	Production	12	Total GHG emissions of production activities					
		13	GHG emission intensity of production activities					
	Consumption	14	Direct GHG emissions from households					
		15	Carbon footprint					
Impacts	Physical Conditions	16	Annual average surface temperature					
		17	Percentage of land area suffering from unusual wet or dry conditions (Standard Precipitation Index)					
	Water resources	18	Level of water stress: freshwater withdrawal as a proportion of available freshwater resources					
	Land, Land Cover, Ecosystems and Biodiversity	19	Cumulative number of alien species					
		20	Carbon stock in soil					
		21	Proportion of land that is degraded over total land area					
	Extreme	22	Number of deaths and missing persons attributed to hydro-meteorological disasters, per 100,000 population					
		23	Occurrence of extreme weather events					

	Events and Disasters	24	Direct economic loss attributed to hydro-meteorological disasters in relation to GDP					
		25	Number of people whose destroyed dwellings were attributed to hydro-meteorological disasters					
	Human settlements and human	26	Distribution of cases of vector-borne diseases					
		27	Heat-related mortality					
	Agriculture, forestry and fishery	28	Direct agricultural loss attributed to hydro-meteorological disasters					
Mitigation	Energy resources	29	Renewable energy share in the total final energy consumption					
	Expenditures	30	Share of climate change mitigation expenditure relative to GDP					
	Environmental governance and regulation	31	Share of energy and transport related taxes as percentage of total taxes and social contributions					
		32	Total climate change related subsidies and similar transfers / GDP					
		33	Average carbon price					
		34	Mobilized amount of USD per year starting in 2020 accountable towards the USD 100 billion commitment					
Adaptation	Expenditures	35	Share of government adaptation expenditure to GDP					
	Water resources	36	Change in water use efficiency over time					
	Human settlements and human health	37	Proportion of population living in dwellings with air conditioners or air conditioning					
	Agriculture, forestry and fishery	38	Progress towards sustainable forest management					
		39	Proportion of agricultural area under productive and sustainable agriculture					
Additional national indicators		1						
		2						
		3						

Note: Links are to metadata sheets.