Request

Our website save-the-climate.info offers four Excel tools to calculate global and national emission paths that meet a pre-defined budget. You will also find further information about our approaches there.

By filling out the following form, you can request PDFs containing the calculated budgets, paths and reference values based on the **framework data you specified**.

	basic approach:	containing **distribution** of a **global budget** among countries		pure application of the RM Scenario Types 1 - 6	
	model respective tool:	**RM**	**ESPM**	**global paths**	global or national **paths**
Which tools does your request refer to?		☐ |	☐ |	☐ |	☐ |
Enter a **country** for which you want the results:					global or national budget 2020 - 2100
What cumulative **budget** should the calculations be based on (in Gt)? Global: For guidance, see the latest IPCC findings here.		global CO$_2$ budget **2020 - 2100**			
Due to the poor data situation on a country basis, LUC (land-use change) and ISA (international shipping and aviation) are not considered. For this reason, budgets specified by you are reserved from the global budget.	LUC emissions in Gt			*If you do not specify* own values, we'll use the entered values.	
	ISA (share of global budget)				
To set the **lowest emission level** by 2100 (global or national), please enter a percentage that will be applied to emissions in the base year 2019. A **negative value** stands for **net negative emissions**. If net negative emissions are allowed, then it is possible to temporarily exceed the budget specified above. This **overshoot** will then be offset by net negative emissions until 2100.		*If you do not specify* any other value, we will use -2%.			
Which rate of change for global or national emissions in 2020 should be used in the scenarios types RM-2-exp, RM-3-lin, RM-4-quadr and RM–5-rad compared to 2019 ? A temporary effect of the corona crisis should not be considered here. In the scenario types RM-1-const and RM-6-abs, the respective reduction rate for 2020 is endogenous. Here the RM Scenario Types are described mathematically.		*If you do not specify* a value, we will use the change rate from 2018 to 2019.			
		global	national	global	global or national
In the Regensburg Model (RM), at what level of per capita emissions should all countries converge? **Convergence level** in t / capita:				Global per capita emissions without LUC / ISA were around 5 t in 2019. *If you do not specify* an own value, we will use 0.5 t.	
For the distribution of the global budget, a weighted distribution key containing "population" and "emissions" is used in this model (ESPM). Enter the **weighting** of the "**population**" here.				*If you do not specify* an own value, we will use 50%.	
Which scenario type (RM 1 - 6) should be used for the list of reference values for all countries in RM and the six major emitters? Here the RM Scenario Types are described mathematically.				*If you do not specify* an own value, we will use RM-6.	

Annual global or national emissions in Gt: The tool for paths only does not contain a database. Therefore the emission data must be given here. Please make sure that the content of the annual emissions corresponds to the budget specified above (e.g. due to LUC / ISA).	actual emissions	2018		
	base year emissions	2019		
	actual emissions if available	2020		
		2021		
		2022		
	optional for calculating reference values for this reference years	1990		
		2010		

your E-mail address:	
your name (optional)	
your institution (optional)	

Please send the filled out form to: info-save-the-climate@online.ms

Here is an overview of our web apps: https://climate-calculator.info, which also allow easy access to results.