EXPLORING EN-ROADS:
REAL-LIFE IMPACTS OF CLIMATE POLICY

Assignment Overview:
In class, you will be introduced to the [En-ROADS](#) online tool, learning how adjusting factors can change a country's greenhouse gas emissions. This global climate simulator will allow us to explore the tangible impact that dozens of climate-related policies have on global temperatures.

Key learning objectives from this assignment include the ability to assess the aims and progress of different countries in relation to the Paris Agreement targets, to determine the efficacy of different climate legislation, and to develop an understanding for the varying impact of different factors in relation to increasing global temperatures.

Task:
You are assigned a country — one student per country — and must research that country's climate policies, searching for specifics such as: [tax rates on natural gas](#), [how energy efficient transport is](#), [deforestation rates](#), [how subsidized electrification is](#), etc.

After researching your assigned country's policies, you will use En-ROADS to estimate your country's trajectory of GHG net emissions, temperature change, sea level rise, and other impacts. To do this, you'll toggle each of the 18 factors on the En-ROADS online simulator to above or below the status quo, depending on the policy you're inputting.

You must take a screenshot of your En-ROADS targets and include at least 4 sources you used in researching your country's policies.

Subsequently, in a <u>one-page paper</u>, you will note key findings from En-ROADS detailing their country's situation and suggesting tweaks in domestic policies that would have the greatest impact on global temperature change. You are required to have at least 7 sources between your paper and En-ROADS targets. Submit your paper following Chicago Style Citation conventions, using 12-point Times New Roman font, and 1.5-spacing.

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	Criteria					Points
	5	**4**	**3**	**2**	**1**	
Accuracy	Screenshot of En-ROADS simulator accurately reflects the legislative targets set out by the student's assigned country.	Screenshot of En-ROADS simulator somewhat reflects the legislative targets set out by the student's assigned country.	Screenshot of En-ROADS simulator has few accurate reflections of the targets from the student's assigned country.	Screenshot of En-ROADS simulator does not reflect the legislative targets set out by the student's assigned country.	There is no screenshot of the En-ROADs simulator.	
Analysis + Evaluation	Summarizes their country's current situation and key takeaways referring to their En-ROADS screenshot and using external sources.	Identifies the country's current situation and presents key takeaways.	Identifies some of the country's current situation and presents key takeaways.	Inaccurately identifies the country's current situation and key takeaways.	Fails to identify their country's targets and does not identify key takeaways.	
Recommendations	Formulates a strong, coherent argument as to what policies would best tackle global temperature rising. Uses En-ROADS screenshot and sources to defend position.	Formulates a relatively cohesive argument as to what policies would best tackle global temperature rising. Uses some En-ROADS screenshot and sources to defend position.	Formulates an argument as to what policies would best tackle global temperature rising. Uses minimal En-ROADS screenshot and sources to defend position.	Formulates an argument as to what policies would best tackle global temperature rising. Uses little En-ROADS screenshot and sources to defend position.	Does not formulate an argument as to what policies would best tackle global temperature rising.	
Requirements	Uses at least 7 sources, proper format, and meets all other requirements to present a strong, cohesive assignment.	Uses 7 sources, proper format, and meets all other requirements.	Uses some sources and meets most of the formatting requirements.	Uses few sources and meets little of the requirements of the assignment.	Does not use sources nor meet the requirements of the assignment.	