

“Global Limits of Economic Growth”

2023/2024 academic year, spring semester

Module Teacher: Evgeniya Anatolyevna Shvets, Ph.D.

Module teacher’s contact details: e.shvets.mgubs@gmail.com, also available for consultations on the day of sessions.

Guidelines for Individual Projects

- ✓ Individual Projects can be made by 1 or 2 students.
- ✓ The electronic final version of the presentation should be sent to the teacher. The last day to do it is the last day of the course when there is a final test. Follow this information from Administration announcements at your personal accounts.

Country or Industry Analysis of Economic Growth Limitations

I. Presentation parameters

- Up to 6-10 slides of Power Point Presentation or up to 2 pages A4 of Word. Better to deliver it in PDF format.
- First slide: title of the project, course title, your name, your department
- Make all necessary references and quotes
- Illustrate your presentations with statistical data, diagrams, schemes or pictures

II. Defining a country and resources for the presentation

- Each student (or 2) selects **one country for the analysis** taking into consideration teacher recommendations. Countries should not be repeated among students.
- For the country selected a group defines **4 types of natural resources representing the greatest interest and priority for the country**. The resources types include the following: Ecology, Climate, Energy, Population, Land Use, Agriculture, Food Production, Water and other types of natural resources that were not covered by the course.
- **Put the list of your resource priorities** in terms of business growth limitations **in accordance with priorities of UN Development Sustainable Goals (DSG) for the specific country/industry**. (<http://www.un.org/sustainabledevelopment/sustainable-development-goals/>).

III. General Presentation Scheme

#	Resources	Steps of Analysis			
		Step 1	Step 2	Step 3	Step 4
		Importance of the resource for a country/industry	Limitations produced	Ways used to overcome existing limitations	Your suggestions how to improve the situation
	Resource

IV. Steps of Analysis for Each Resource Type

Step 1: An economic role/importance of the resource in the economy of the country (... *is a unique type of resource for the country because it provides ... (% GDP, % of industrial output ...)*). Try to find something peculiar about this kind of resource for your country, compare it with the situation of neighbor countries or international standards whether it's appropriate.

Step 2: Different kind of limitations (problems, risks) that are produced or can be produced by these resources on a national level and on a level of different industries that limit economic growth.

Step 3: Ways how countries are overcoming these limitations (public policy: laws, measures, special instruments, regulation forms, what is reflected in different kind of strategies; adaptation or mitigation schemes, risk management).

Step 4: Your suggestions/recommendations how the current country policy about overcoming resources limitations can be improved (see successful stories of other countries and international experience to formulate your suggestions).

V. Suggestions about resources description

1. **Ecology** (*suggestions:* find some key-information about the ecological situation of the country, pollution level, main sources of pollution, ecological policy, special ecological standards in this country, any ecological ratings in which the country was participating, ecological footprint of the country, ecological catastrophes/disasters on its territory if any, damage evaluation, what was done by the government and companies to minimize this damage, etc.).

Useful links:

- <http://beta.worldbank.org/climatechange/>
- www.footprintnetwork.org
- www.wri.org/publications/ecosystems
- <http://www.carbonfootprint.com>
- <http://www.un.org/sustainabledevelopment/sustainable-development-goals>

2. **Climate** (*suggestions:* show country's position towards Paris Agreement, participation in CO2-trade, what are recent negative and positive impacts of climate change on economy and on certain industries, examples of business climate adaptation/mitigation strategies)

Useful links:

- <http://beta.worldbank.org/climatechange/>
- http://unfccc.int/kyoto_protocol/items/2830.php
- <http://www.un.org/sustainabledevelopment/sustainable-development-goals>

3. **Energy** (*suggestions*: identify main energy sources for the country; show energy balance for the country using data from the latest *BP Statistical Review of World Energy*; ratios of production to reserves, consumption to imports; energy consumption, energy production, energy dependence, energy crises (if any), energy policy, energy saving and energy efficiency measures adopted in the country).

Useful links:

- www.bp.com (see Statistical Review of World Energy)
- www.eia.doe.gov (U.S. Energy Information Administration)
- www.iea.org (International Energy Agency)
- <http://www.un.org/sustainabledevelopment/sustainable-development-goals>

4. **Population** (*suggestions*: general overview of a population as an economic factor, labor market situation, migration problems, labor mobility, ageing of economically active population, nationality pattern, public health, role of cities in the national economy, etc.).

Useful links:

- www.ilo.org (International Labour Organization)
- www.un.org/popin/ (UN Population Information Network)
- www.gapminder.org (tool similar to WB Data Visualizer)
- <http://www.un.org/sustainabledevelopment/sustainable-development-goals>
- <http://www.postcarbon.org/>

5. **Land Use, Agriculture, Food Production** (*suggestions*: production and import of agriculture food, food security/insecurity level, problem of GMF (if any), use of fertilizers, soil resources, food crises (if any)).

Useful links:

- www.fao.org
- http://www.fao.org/ag/agn/nutrition/profiles_en.stm
- http://www.fao.org/unfao/govbodies/cfs/country_en.htm
- <http://www.fao.org/hunger/en/>
- <http://www.un.org/sustainabledevelopment/sustainable-development-goals>
- <http://www.postcarbon.org/>

6. **Water** (*suggestions*: focus on water resources, water use by sectors, water management, water price for different consumers, etc.).

Useful links:

- <http://www.unwater.org/flashindex.html>
- <http://www.fao.org/nr/water/aquastat/main/index.stm> (and other statistics from this website)
- <http://www.un.org/sustainabledevelopment/sustainable-development-goals>

7. **Other types of natural resources**

Consult relevant links from the general list of recommended web-sites.

For all resources it is recommended to review documents, publications, regional outlooks/overviews and country profiles of the general list of recommended web-sites.