Name: Dr. **Șerban SCRIECIU**

Nationality: Romanian

Current work position: Economic Analyst, DG Energy, **European Commission**

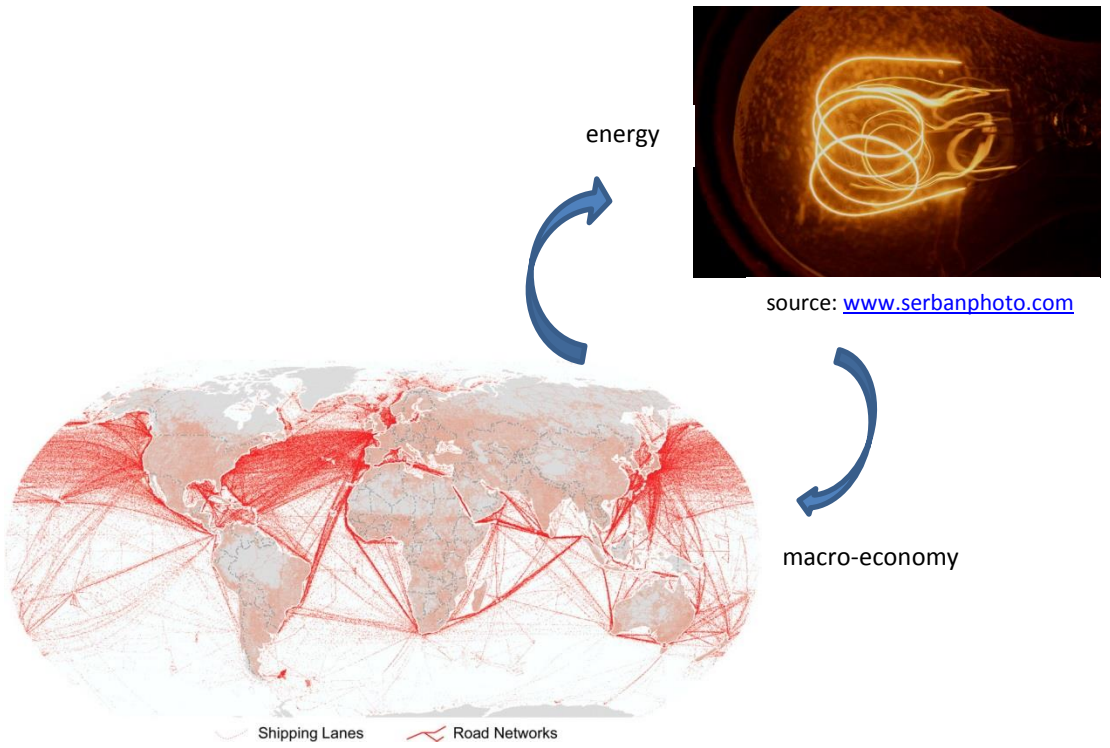
Website: http://ec.europa.eu/energy/ and www.linkedin.com/in/serbanscrieciu

Brief bio: Șerban joined the European Commission, Directorate-General Energy last year as an economic analyst with a focus on macroeconomics and EU energy and climate policies. Before joining the EC, he worked mostly in the academic sector, for UK universities (Cambridge, Manchester and Greenwich). He also worked for the United Nations Environment Programme in Paris between 2009 and 2011, where he led a project developing a methodological framework for assessing pro-development climate mitigation and adaptation policies. Șerban has undertaken several research consultancy projects (e.g. for Vienna University of Economics and Business, Global Green Growth Knowledge Platform). He has published more than 25 articles in respected peer-reviewed journals, has single-authored a book published with Routledge (*Socioeconomic and Environmental Impacts on Agriculture in the New Europe: Post-Communist Transition and Accession to the European Union*), and has written several book chapters and reports. He also acts on the editorial board of the *Mitigation and Adaptation Strategies for Global Change*, an international journal devoted to scientific, engineering, socio-economic and policy responses to environmental change.

Overview of my work:

Macroeconomics of EU Energy Policies

- Improving the evidence base on the interactions between energy and macro-economic and global developments, with a focus on EU energy-related policies.
- Understanding the potential for system-wide energy technology innovation induced by policy.
- Linking the monetary economy and finance with the real economy for energy system transformations.
- Exploring the interplay between policies and feedback effects between energy and the macro-economy
- Analysing convergence issues in energy investments and innovation across EU member states.



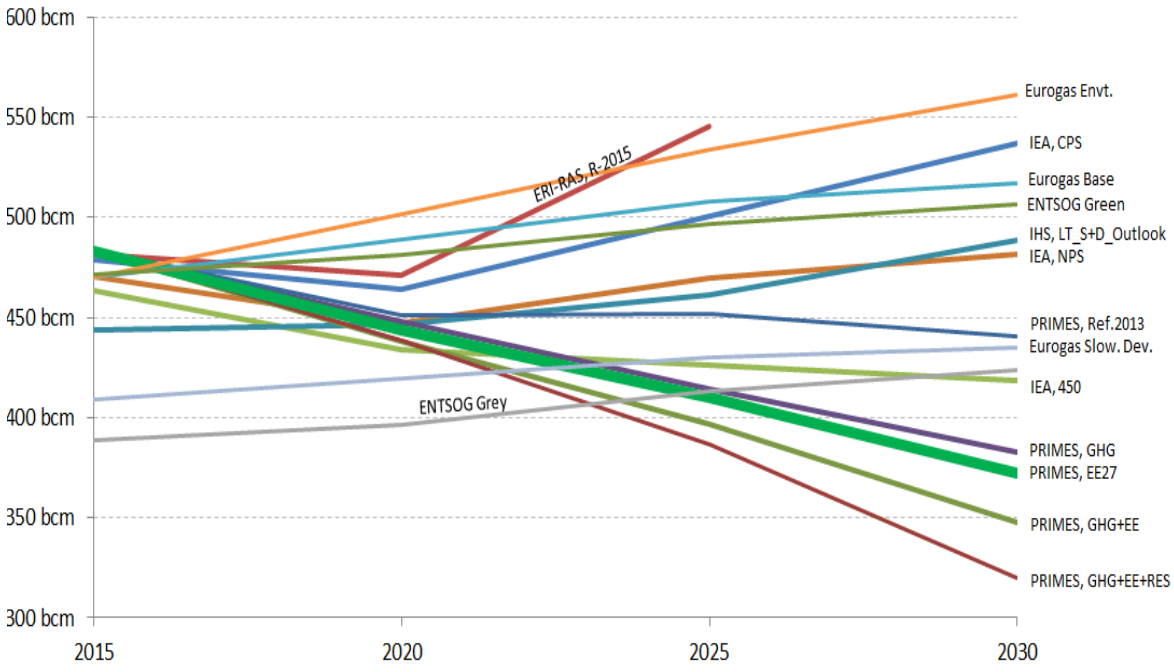
source: www.serbanphoto.com

source: https://espin086.wordpress.com/category/macroeconomics/page/3/

Energy-related Policy Scenarios, Model Simulations and Trends

- Using the knowledge generated through the use of energy-economy-climate models to support energy policy-making.
- Elaborating plausible narratives linking policy realism with the stylised world of models.
- Developing baseline, reference and policy scenarios and trends for energy, the economy and climate (e.g. contributing to the work on the EU Reference Scenario on energy, transport and GHG emission trends).
- Understanding key differences between the different energy-environment-economy models available in the literature and matching these to policy needs.
- Supporting the work of JRC on the modelling of energy policies.

Illustration of different trajectories forEU-28 primary gas demand up to 2030 based on selected models:



Other interests: In addition to policy analysis on sustainable energy futures and development, I am also interested in (art) photography. For a sample of images, please visit my photography website: www.serbanphoto.com