Global Trading

An interconnected world

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# Project

The whole project is available on the Git-Hub repository:

*Global Trading, An interconnected world;* <https://github.com/zenodarani/transport-visualization-project/>

# Abstract

The project focuses on international trading and the effects of globalization. We showed the values that international trade generates globally every year, and we identified the major actors. Then, the research focuses on energy production, which is currently one of the goods that majorly impacts our modern lifestyles. The work is presented on a web page that enables a deeper exploration of the data, thanks to interactable visualizations and a narrative explanation given by the analysis of the graphs.

# Introduction

We live in an epoch where we can go to the store and buy products from every side of the world. Nowadays trading with foreign countries is essential for the well-being of our economies. Historically, markets were more restricted and isolated by geographic and political matters. The transport of goods required longer times, and the technology needed to be improved. With the rise of steam-powered machines, like trains and steamboats, goods started to circulate faster, increasingly reaching further distances. The high production enabled countries to offer more goods to external markets, and as a result, new connections were created, and the concept of globalization was born. In recent times (2023) with the return of the war in Europe, the fragility of our interconnected globe was shown to us. *Due to the war in Ukraine, a leading grain exporter, has seen a dramatic drop in its exports. This has resulted in significant food security concerns for millions of people around the world. [European Council][[1]](#footnote-1)* The aim of this project is to analyse how countries in this world depend on each other and look at the impact that this can have on our daily lives. To do so we will take data and create visualizations that will enable the reader to get a bigger picture about the topic. Then, with more precise representations, we will get a more profound analysis of the production of energy, what truly powers our daily lives. The results of the projects will be shared to advertise the consequences of globalization in a simple, straightforward, and intuitive way dedicated to European consumers.

1. *Infographic - How the Russian invasion of Ukraine has further aggravated the global food crisis*; European Council; December 2023; <https://www.consilium.europa.eu/en/infographics/how-the-russian-invasion-of-ukraine-has-further-aggravated-the-global-food-crisis/> [↑](#footnote-ref-1)