

## **Abstract**

The thesis describes history, context and present situation of liquid biofuels usage in transport in the EU and with the help of basic statistical indicators researches the development of differences of the importance of biofuels in Member States. For these purposes a database of shares of biofuels in energy consumption in transport is created. If we understand the shares of biofuels as indicators of the intensity or the significance of biofuels usage, we can examine its differences. With the help of Lorenz curve the development of rate of biofuels production inequality is described.

Thesis is looking for possible relations to differences in intensity of biofuels usage in Member states. With the main contribution of literature, there are several characteristics chosen and there are examined their relations to shares of biofuels with the help of Spearman correlation coefficient. In the closure of the thesis their possible influence on biofuels usage is discussed.

**Key words:** liquid biofuels, useage, share of biofuels, correlation