6-month internship position in CCNR – First half year 2019

Statistical data analysis of the European inland shipping sector

CCNR and Market Observation activity description

The Central Commission for the Navigation of the Rhine (CCNR) is an international organisation that exercises an essential regulatory role in the navigation of the Rhine. It is active in the technical, legal, economic and environmental fields. In all its areas of action, its work is guided by the efficiency of transport on the Rhine, safety, social considerations, and respect for the environment. Many of the Central Commission’s activities now reach beyond the Rhine and are directly concerned with European navigable waterways more generally. The Central Commission works closely with the European Commission as well as with the other river commissions and international organisations.

The market observation and market insight are respectively annual and quarterly publications by the CCNR dealing with the European inland navigation market. Free of charge, these analyses of the economic situation aim to assist strategic decision making in this sector in Europe, by both the profession and firms as well as in terms of transport policy and within administrative authorities. Given the inherent risks with which the transport industry is confronted, it has proved to be important to keep a permanent track of economic performance and its structural and cyclical trends. The gathering and analysis of this data by the CCNR has been co-financed by the European Commission since 2005. This fruitful collaboration has enabled the CCNR to extend this activity, which historically it has been carrying on for almost two centuries, beyond the Rhine region to cover all Europe’s navigable waterways, subject to the availability of reliable data supporting these analyses.

Internship description

The intern work will be fully integrated in the frame of the Market Observation activity. The Market Observation reports contain very detailed information on the inland navigation market and the intern will contribute to its content. Within the internship, there are three main tasks, which are described below by order of priority.

First task: Statistical data about the transports in the Rhine basin (based on existing in-house excel data)

- Calculating and analyzing monthly results (in tonnes and tonne-kilometers) for the goods transport on the Rhine per market segment (e.g. grain, iron ore, etc.)
- Calculating and analyzing Rhine transport flows per country of loading (origin) and unloading (destination) of the cargo
- Calculating the share of upstream and downstream transport per market segment
- Identifying statistically the transport flows on certain parts of the Rhine and on its main affluents (Moselle, Main, Neckar)

Second task: European inland shipping data per country and region (based on data from Eurostat and other organizations)

- Calculating (and possibly analysing) multimodal statistical data per country and market segment in Europe
- Extracting data about river basins from written pdf reports and converting them into excel tables
Based on the above, creating graphical figures that show the evolution of goods traffic per basin (region) in France and in Germany
- Assisting in identifying cross-border-transport figures in Europe
- Assisting in identifying container traffic in Europe
- Assisting in analysing the relation between water levels on rivers and several transport indicators (prices or freight rates, loaded volumes, maximum loading capacity, etc.)

Third task: Assisting in the collection and analysis of data on passenger vessels (day trip vessels) and their activity
- Assisting in the collection of data on the number of passengers on day trip vessels in European cities (Paris, Amsterdam, Berlin, Hamburg, etc.) and regions
- Assisting in the analysis and graphical description of the above mentioned data

Other tasks:
1) Besides, the intern might be asked to assist the market observation team when drafting a thematic report about another topic to be determined with the European Commission.
2) In addition to the above mentioned research-orientated tasks, the trainee will have to assist in quality checks of market reports and the creation of excel databases.

The trainee will need to have the following skills:

- Very good knowledge in statistics, good familiarity with excel and strong interest in working with large volumes of data (Statistical software would be a plus)
- Strong interest in a research-orientated work on European economic data and international comparisons
- A solid knowledge of the Geography of Europe (rivers, cities)
- Curiosity / creativity / autonomy
- Good knowledge in English and German or French is necessary.

Conditions:
- Attractive internship remuneration (around 1000€ per month + meal vouchers)
- Office located in Palais du Rhin, 2, Place de la République, F-67082 Strasbourg / France
- Full integration to Market Observation team and impact on edition of reports

Please send a motivation letter and a CV before 31th January to the following email address: career@ccr-zkr.org