

Statistical Commission**Fiftieth session**

5- 8 March 2019

Item 3(j) of the provisional agenda

Items for discussion and decision: **Price statistics**

In 2019, Statistics Poland will start the modernization process of the production of retail price statistics. The opportunity to take up this challenge was possible after a positive evaluation of the project submitted for the competition organized by the National Centre for Research and Development.

The project **Development of the Integrated Retail Price Statistics System** will be implemented by Statistics Poland in a consortium with the Warsaw School of Economics and the Institute of Computer Science of the Polish Academy of Sciences.

The implementation of the project is divided into **eight tasks**. The research will concern developing a concept for modernizing the process of measuring changes in retail prices of goods and services (measure of inflation) by Statistics Poland, taking into account new data sources and innovative methods of data collection. The project will include tasks connected mainly with:

- identification and evaluation of new sources of data concerning retail price levels, including the analysis of the possible use of data from non-administrative information systems, as well as from public registers;
- experimental testing of innovative methods of data collection concerning retail prices from new sources (e.g. commonly accessible sources on the Internet), as well as implementing new methodological solutions for estimating price indices (inflation measure) and innovative techniques and tools, which would support the work of statistical price collectors recording data in the field.

The effect of the implemented work will be the **establishment of an information system**, enabling the management of the collected data, and integration of heterogeneous and scattered data sets. Simultaneously, a system of dedicated tools will be created to support the process of price data analysis done by statisticians. The effects obtained will increase the efficiency and transparency of our Office's functioning and will enable the introduction of innovative solutions for public administration into practice. This will greatly influence the effectiveness of official statistics in fulfilling its functions and the creation of its modern image.

Statistics Poland

International Cooperation Department

Aleja Niepodległości 208, 00-925 Warsaw
phone +48 22 608 31 10
intrelations@stat.gov.pl
stat.gov.pl