



## CALL OF THE 20th YSM DATA ANALYSIS COMPETITION 2015

The United Nations Industrial Development Organization (UNIDO) announces a Data Analysis Competition to be held within the frame of the 20th Young Statisticians Meeting. The winners will be invited to present their work at the 20th Young Statisticians Meeting to be held in Vorau, Austria, October 16th to 18th, 2015, <http://www.stat.tugraz.at/ysm20/>. They will also be invited to contribute to a working paper to be published by UNIDO.

UNIDO is the specialized agency of the United Nations that promotes industrial development for poverty reduction, inclusive globalization and environmental sustainability. The mission of UNIDO Statistics is to produce reliable and internationally comparable statistics for the wider use of international knowledge institutions. UNIDO Statistics supports the research programme of UNIDO and meets the data needs of different UNIDO branches in formulation, implementation and monitoring of the development programmes. As an integral part of the international statistical community UNIDO Statistics plays an active role in development of international statistical standards and coordination of statistical activities of international organizations.

### 1 Competition guidelines:

The target 9.3 of Sustainable Development Goals (SDG) says: "Promote inclusive and sustainable industrialization and foster innovation and by 2030, double the share of manufacturing in GDP in least developed countries (LDC)".

UNIDO has a leading role in the definition and monitoring of the related indicators. Below is a list of tasks to support this activity:

1. Project the share of manufacturing in economy of LDCs to the year 2030 based on past growth trend information (1990–2010).
2. If the projected share is lower than the target value (doubling the share), estimate the growth rate for 2010–2030 required to meet this target in 2030.
3. Apply at least three different forecast models and recommend the most suitable one. Provide an appropriate argumentation.
4. How would the share of LDCs in world MVA (Manufacturing Value Added) change if they succeeded to double the MVA share in GDP in 2030?

Your entry must be submitted in the form of 3 to 8 pages essay or article, in PDF format. If necessary, an appendix containing graphs and tables could be added. Optionally, a poster can be prepared.

### 2 Data:

Use as a basis for the above tasks international statistical databases, like <http://stat.unido.org> and <http://data.worldbank.org/>.

### 3 Deadline for submission:

Final submissions (PDF) are due on 30-th September 2015. Submit to: [v.todorov@unido.org](mailto:v.todorov@unido.org)  
For all inquiries contact Dr. Valentin Todorov: [v.todorov@unido.org](mailto:v.todorov@unido.org).