



UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION  
*Regional Project SAP 120443*

**Seminar on Indices of Industrial Production**

14-16 May, St Petersburg

**Programme**

**14 May**

10:00 – 10:40 Opening session - Moderator Oleg Nikiforov, Petrostat

Speakers:

Aleksandr Kevesh, Rosstat

Shyam Upadhyaya, UNIDO

Break

11:00 – 12 30 Purpose and methods of compiling IIP as one of the major short term economic indicators (Igor Uliyanov)

Definition of industrial production

Treatment of outsourcing in production measures

Recommended statistical units

IIP in CIS countries (Vera Vasilyeva, CIS-Stat)

Lunch

14:00 – 15:30 Presentation and dissemination of IIP (Igor Uliyanov)

Recommended classification

Compilation frequency and dissemination

Country reports

Break

16:00 – 17:30 Country reports and discussions, (Igor Uliyanov)

Discussions and summarization of main questions rose during the discussions

18:00 – 20:00 Reception, Coffee break area, 1 wing

## 15 May

09:00 - 10:30 Approximation of industrial production and related variables  
(Norbert Herbel)

Output measures

Input measures (labour input, materials consumed)

Methods of obtaining volume measures of industrial production

Volume extrapolation and deflation

Break

11:00 – 12:30 Methods of compilation of IIP (Norbert Herbel)

Basic principles of index compilation

Laspeyres, Paasche and Fisher volume indices

Building IIP from the lowest level

Lunch

14:00 – 15:30 Weighting and aggregation (Norbert Herbel)

Role of weights in index compilation

Weighting index data in IIP

Fixed weight versus chained index

Break

16:00 – 17:30 Index compilation steps (Norbert Herbel)

Other compilation issues –introducing new products, reweighting and linking methods

UNIDO presentation on benchmarking of indices (Shyam Upadhyaya/Shohreh Mirzaei)

## **16 May**

09:00 - 10:30 Quality assurance of IIP (Norbert Herbel)

Comparison of monthly/quarterly indices with annual data  
Seasonal adjustment  
Other quality issues

International experience of seasonal adjustment – UNIDO presentation  
(Shyam Upadhyaya/Shohreh Mirzaei)

Break

11:00 – 12:30 Methods of compilation of IIP for various industrial sectors (Norbert Herbel)

Special consideration for IIP compilation for mining and quarrying,  
manufacturing and utility sectors

12:30 – 13:00 Wrapping up session (Vladimir Sokolin, Shyam Upadhyaya)

13:00 – 14:00 Lunch

14:30 – 19:30 Social event (Guided bus tour to Tsarskoe Selo).