Productive Capacities Index (PCI):
Statistical, Methodological and Emerging Issues and the Way Forward

(Istanbul/Gebze, Türkiye, 8-9 February 2023)

Draft Programme

Wednesday, 8 February 2023

09:30 - 09:45 Welcome remarks
Mr. Taffere Tesfachew, Acting Managing Director, United Nations Technology Bank for Least Developed Countries (LDCs)

09:45 - 10:00 Opening statement
Mr. Paul Akiwumi, Director, Division for Africa, Least Developed Countries and Special Programmes, UNCTAD

10:00 - 17:00 (Session I): Productive Capacities Index: Data integration, curation, statistical and methodological issues

Moderator: **Dr. Chukwuka Onyekwena, Executive Director, Centre for the Study of the Economies of Africa**

10:00 - 11:00 How the PCI was composed, input data, category level scores and where we stand with the PCI today: An overview of the statistical and methodological background and updates of the PCI

- **Ms. Nour Barnat, Chief of Methodology Unit, UNCTAD Statistics** (30 minutes)
- **Mr. Rachid Bouhia, Economic Affairs Officer, UNCTAD Statistics** (30 minutes)

11:00 - 11:15 Coffee/tea break

11:15 - 11:45 Computing composite PCI scores, correlations and robustness tests: Stakes and further methodological issues

Mr. Benny Salo, Statistician, Methodology Unit, UNCTAD Statistics

11:45 - 12:30 Commentary on Computing composite PCI score, correlations & robustness tests, including statistical tools and methodologies used (via Zoom link)

Professor Xiaowen Fu, Associate Dean and Professor, Department of Industrial and Systems Engineering, Faculty of Engineering, The Hong Kong, Polytechnic University, Hong Kong (TBC)

12:30 - 14:00 Lunch break

14:00 - 17:00 Discussant's comments and interactive discussion: Productive Capacities Index: Data integration, curation, statistical and methodological issues

14:00 - 14:30 **Dr. Yohannes Kinfu, Associate Professor, University of Canberra, Australia**

14:30 - 15:00 Mr. Fernando Cantu Bazaldua, Chief Statistician, United Nations Industrial Development Organization (UNIDO), Vienna, Austria

15:00 - 15:30 Questions & answers, interactive discussion

15:30 - 15:45 Coffee/tea break

15:45 - 17:00 Questions & answers, interactive discussion (continued)

Thursday, 9 February 2023

<u>09:30 - 15:30</u> (Session II): Selecting input indicators and expanding PCI components to include environmental and gender dimensions: Statistical and methodological challenges

Moderator: **Mr. Taffere Tesfachew, Acting Managing Director, United Nations Technology Bank for Least Developed Countries (LDCs)**

09:30 - 10:00 Ms. Nour Barnat, Chief of Methodology Unit, UNCTAD Statistics

10:00 - 10:30 Mr. Benny Salo, Statistician, Methodological Unit, UNCTAD Statistics

10:30 - 11:00 Economic Complexity Index (Adjusted): Implications for the Structural Change Component of the PCI

Mr. Clovis Freire Junior, Chief, Technology and Innovation Policy Research Section, Division for Technology and Logistics (DTL)

11:00 - 11:15 Coffee/tea break

11:15 - 12:30 Imputation and extrapolation: major enhancements from the last update and remaining challenges

- **Ms. Nour Barnat, Chief of Methodology Unit, UNCTAD Statistics** (20 minutes)
- **Mr. Benny Salo, Statistician, Methodological Unit, UNCTAD Statistics** (20 minutes)
- **Mr. Guillaume Blanc, Consultant, UNCTAD Statistics** (20 minutes)

12:30 - 14:00 Lunch break

14:00 - 15:30 Discussants' comments: Selecting input indicators and expanding PCI components to include environmental and gender dimensions: Statistical and methodological challenges

- **Dr. Yohannes Kinfu, Associate Professor, University of Canberra, Australia**
- **Mr. Fernando Cantu Bazaldua, Chief Statistician, United Nations Industrial Development Organization (UNIDO), Vienna, Austria**

Questions & answers

15:30 - 15:45 Coffee/tea break

15:45-17:00: (Session III) The way forward: Suggestions and issues requiring further examination

Moderator: **Mr. Paul Akiwumi, Director, Division for Africa, Least Developed Countries and Special Programmes, UNCTAD**