



Office for
National Statistics
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Ystadegau Gwladol

Supply and Use Tables and Input-Output Tables

Principles and Guidelines - Day two, Session two

United Nations Economic Commission for Europe (UNECE)
Group of Experts on National Accounts
Special Session for Eastern Europe, Caucasus and Central Asia (EECCA) and South
East Europe (SEE) countries
3-5 October 2022, Geneva, online

All views expressed reflect those of the author / presenter only and not those of the ONS

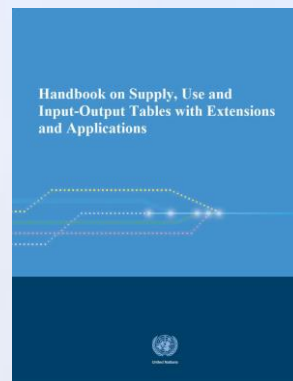
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Supply and Use Tables and Input-Output Tables Principles and Guidelines

An overview

- Compilation of IOTs
 - Some key principles and guidelines
- An overview of the compilation schematic
- Brief feedback on the UNECE SUTs / IOTs questionnaire
- Any questions?



Supply and Use Tables and Input-Output Tables

Principles and Guidelines

Compilation of IOTs

Some key principles and guidelines

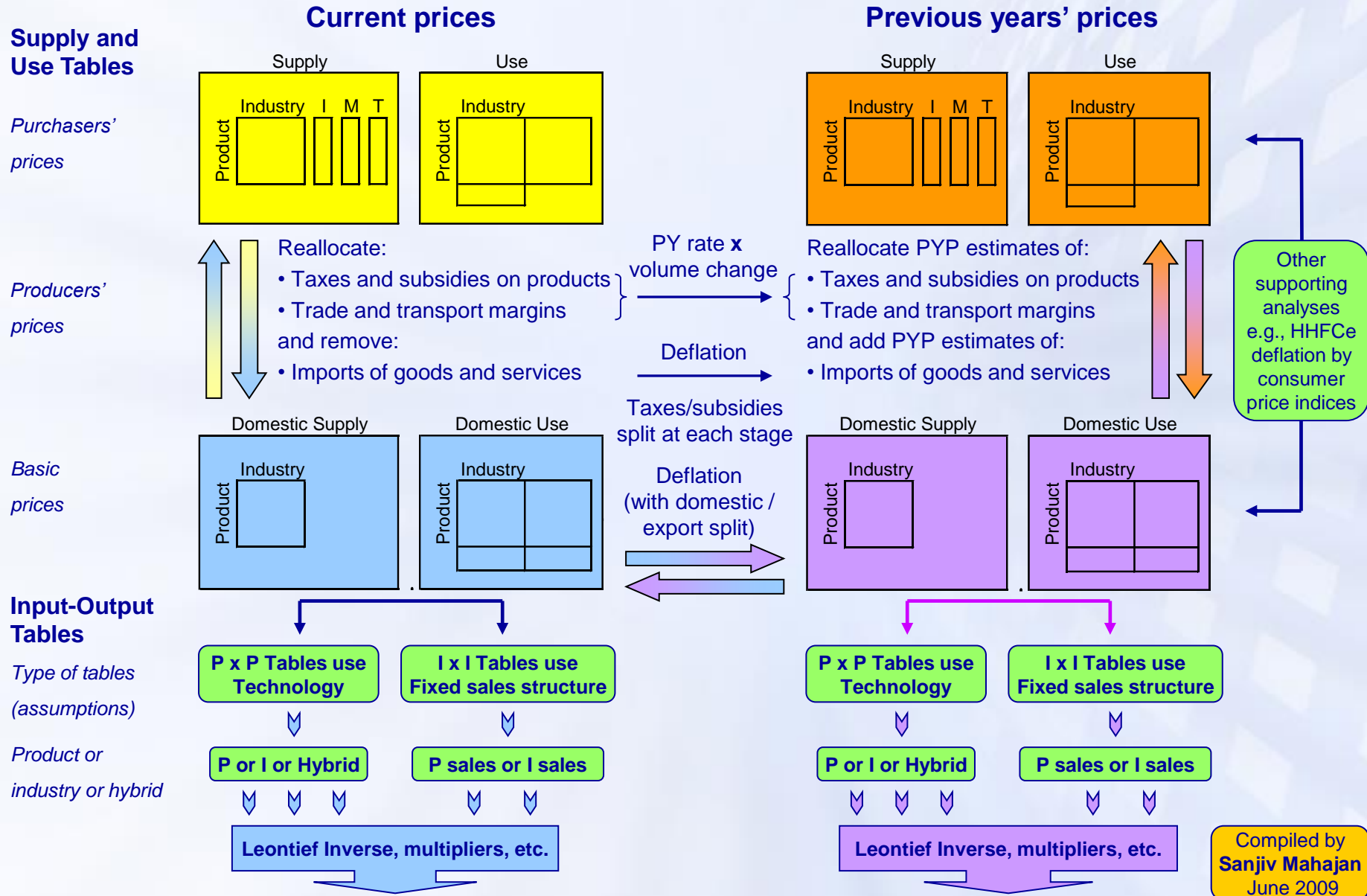
- SUTs / IOTs should be at the heart of National Accounts
 - **Integration** leads to better quality, coherency and consistency.
- Production of SUTs comes first, **then** the production of IOTs.
- Align with annual production of SUTs:
 - Investment is up front.
 - Handling negatives and review of assumptions thereafter.
- The most frequently used methods to derive IOTs are:
 - Model A (Product by Product) IOTs using the product technology assumption.
 - Model D (Industry by Industry) IOTs using the fixed product sales structure assumption.
 - Hybrid - Mix of technologies usually chosen to avoid having any negatives.



We will touch on many of these issues during the Special Session.

UN Handbook on Supply and Use Tables and Input-Output Tables with Extensions and Applications

An overview of the compilation schematic integrating Supply and Use Tables and Input-Output Tables (“H-Approach”)



Supply and Use Tables and Input-Output Tables

Principles and Guidelines

Brief feedback on the UNECE SUTs / IOTs questionnaire

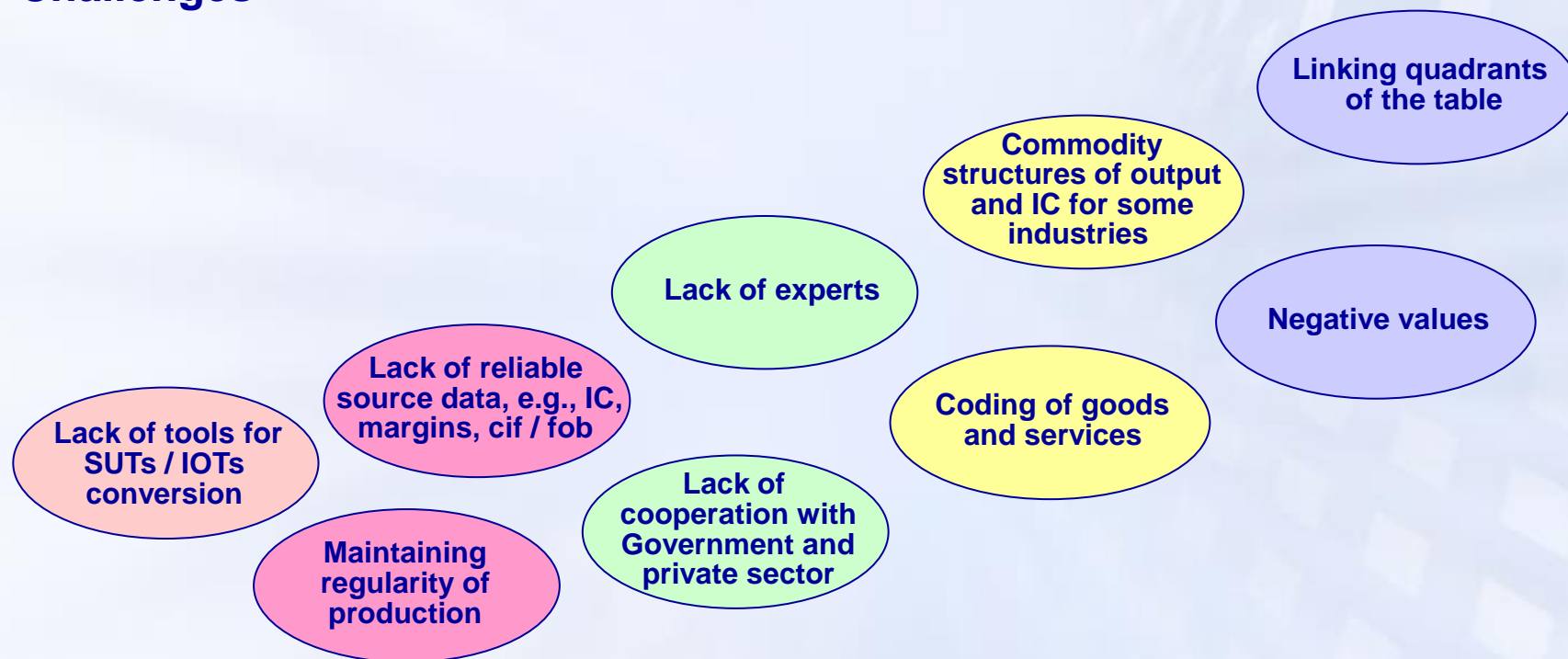
Based on 18 country responses (no two countries are exactly the same)

- 13 countries compile IOTs:
 - 11 countries derive IOTs from SUTs and four plan to start.
- Compilation frequency:
 - Six countries compile on an annual basis.
 - Five on a five-yearly basis, one on a three-yearly basis and one on an adhoc basis.
- Those compiling annual SUTs have a recent IOTs reference year, e.g., 2019 or 2020.
- Six countries utilise an IT-based balancing tool.

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Brief feedback on the UNECE SUTs / IOTs questionnaire

Challenges



Thank you all for responding to the UNECE Questionnaire.

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Any questions?

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