

# **Update on the SIEC Revision Process**

UN Statistics Division  
UN Committee of Experts on International Statistical Classifications  
2<sup>nd</sup> Session - 31 October 2024

## Update on the SIEC Revision Process

- Updated Timeline
- Current Status
- Significant Decisions
- Alignment with CPC
- Pending Issues
- Draft Structure
- Process for Finalization

## TT-SIEC: Updated Timeline

November 2022	Terms of Reference agreed, TT-SIEC formed
May 2023	Global consultation on initial list of issues
July 2023 - August 2024	Task team and focus group discussions on issues
Oct. 2024 - March 2025	Resolve issues and finalize structure
Q2 2025	Global consultation on final structure
October 2025	Seek approval from UNCEISC
March 2026	Submit revised structure to UNSC for endorsement

## Current Status

- All 18 original issues have now been discussed at least initially by Task Team
- Some require additional discussions in TT/Focus Groups; some overlapping proposals
- Issues surrounding scope and purpose of SIEC & final structure only recently discussed
- Finalization of CPC V3.0 explanatory notes/introduction affecting SIEC-CPC alignment

## Significant Decisions – Examples

### Synthetic fuels

- Not clearly defined or identified in original SIEC
- New top-level Section created for “Synthetic fuels”, including:
  - Hydrogen (previously under “Other hydrocarbons”) and Ammonia
  - CO<sub>2</sub>-/Hydrogen-derived fuels such as synthetic methanol, methane, kerosene
  - TBD whether to include fuels derived from waste using chemical/thermal processing

### Waste

- Original SIEC included only “Industrial” and “Municipal waste” breakdown
- Revised Section now broken down into two Divisions:
  - Solid post-consumer waste and industrial by-products used directly for energy production
  - Energy products derived from solid post-consumer waste/industrial by-products
    - Divisions broken down by biogenic/non-biogenic content (rather than renewable/non-renewable)
    - Further breakdown with optional “of which” for municipal/industrial content

## Alignment with CPC

### CPC V3.0 Revision

Some changes were made to better align with SIEC, e.g.

- Added breakdowns for coal (anthracite, bituminous and sub-bituminous coal, lignite)
- Split coke and semi-coke of coal from that of peat (similarly with coal tar/peat tar)

### SIEC Revision

Some changes have been proposed to better align with CPC, e.g.

- Group together coal gases (coke oven gas, gas works gas and recovered gases)
- Remove distinction between sod and milled peat

### Full alignment not always possible/desirable

- Example of waste: “industrial/municipal” breakdown was aligned with CPC, but did not fit requirements of energy statistics

## Pending Issues

### Issues that are or near agreement:

1	Harmonization of CPC and SIEC
4	Classification of Hydrogen and Ammonia
5	Classification of “concentrated” or “washed coal”
6	& Review the definition of coal
7	Classification of oil shale and oil sands
11	Industrial and municipal waste
14	Classification of bio-methane
15	Classification of synthetic fuels
16	Classification of blending and mixed products
17	Review the breakdown of biogases

### Issues potentially requiring further discussion:

2	Review underlying scope, principles & concepts of SIEC
3	& Review of SIEC structure
8	Classification of “wet gas”
9	& Distinction between liquefied and compressed natural gas
10	District cooling as an energy product
12	Breakdown of fuelwood, wood residues and by-products
13	& Definition of biofuels
18	Overall review of classification of renewable energy products

## Pending Issues

Other issues/themes to be resolved:

- Scope of energy statistics
- Renewable/non-renewable products
- Primary/secondary sources
- Structural issues/hierarchy
- CPC/HS correspondences



## Draft Structure

Original SIEC structure		Proposed revised SIEC structure		
Coc	Title	Code	Title	
<b>2</b>	<b>Oil shale/oil sands</b>			
<b>20</b>	<b>Oil shale/oil sands</b>	-	-	-
200	Oil shale/oil sands	-	-	-
2000	Oil shale/oil sands	-	-	-
<b>3</b>	<b>Natural gas</b>	<b>2</b>	<b>Natural gas</b>	<b>Section</b>
<b>30</b>	<b>Natural gas</b>	<b>21</b>	<b>Gaseous natural gas</b>	<b>Division</b>
300	Natural gas	211	Wet or raw gaseous natural gas	Group
3000	Natural gas	2110	Wet or raw gaseous natural gas	Class
		212	Processed gaseous natural gas	Group
		2120	Processed gaseous natural gas	Class
		<b>22</b>	<b>Liquid natural gas (LNG)</b>	<b>Division</b>
		220	Liquid natural gas (LNG)	Group
		2200	Liquid natural gas (LNG)	Class
<b>4</b>	<b>Oil</b>	<b>3</b>	<b>Oil</b>	<b>Section</b>
<b>41</b>	<b>Conventional crude oil</b>	<b>31</b>	<b>Crude oil</b>	<b>Division</b>
410	Conventional crude oil	310	Crude oil	Group
4100	Conventional crude oil	3100	Crude oil	Class
<b>42</b>	<b>Natural gas liquids (NGL)</b>	<b>32</b>	<b>Natural gas liquids (NGL)</b>	<b>Division</b>
420	Natural gas liquids (NGL)	320	Natural gas liquids (NGL)	Group
4200	Natural gas liquids (NGL)	3200	Natural gas liquids (NGL)	Class
<b>43</b>	<b>Refinery feedstocks</b>	<b>33</b>	<b>Refinery feedstocks</b>	<b>Division</b>
430	Refinery feedstocks	330	Refinery feedstocks	Group
4300	Refinery feedstocks	3300	Refinery feedstocks	Class
<b>44</b>	<b>Additives and oxygenates</b>	<b>34</b>	<b>Additives and oxygenates</b>	<b>Division</b>
440	Additives and oxygenates	340	Additives and oxygenates	Group
4400	Additives and oxygenates	3400	Additives and oxygenates	Class

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## Finalization Process

- Seeking UNCEISC approval for one year extension
- Aim to resolve all pending issues by end-March 2025
- Plan to hold focus group meetings open to all interested TT members (and others)
- Potential focus group topics:
  - Electricity/heat/cold
  - Synthetic fuels
  - Wood fuel, residues, etc.
- Q2 2025: Global consultation on revised structure
- Summer 2025: Make adjustments as needed based on consultation feedback
- October 2025: Submit revised SIEC structure to UNCEISC for approval

# Thank you

