

# ISO PC 248 Sustainability Criteria for Bioenergy.

IPIECA Workshop, Sept. 18 & 19 2012 Hans Nordström





# Rules and guidance for ISO 13065

- Principles, criteria and indicators (PCI:s) shall be relevant to **all economic operators.**
- Principles, criteria and indicators should be applicable across **all forms of bioenergy.**
- We use a **science-based approach** which translates in measurable results
- We identify, where necessary develop, criteria and methodologies, **not set threshold values** or limits.
- Principles, criteria and indicators should **facilitate comparison** among energy options, **whenever possible.**
- The standard development process shall ensure that flexibility and transparency are built into all sections of the standard
- Showing compliance with principles, criteria and indicators shall **not be an undue administrative burden** for society or the economic operator..



# ISO 13065 – a process standard

- ◆ The sustainability of a product is assessed by looking at its whole life cycle, which might consist of many sub-processes.
- ◆ The standard shall define PCI:s regarding social, economic resp. environmental aspects considered needed for evaluate degree of sustainability.
- ◆ The I:s gives a checklist/scorecard to which the economic operator shall give answers
- ◆ The customer, enduser, a political decision etc can then decide whether the sustainability level is good enough ( ISO 13065 is not a certification system
- ◆ Publication date according to project plan April 2014



# WGs in ISO/PC 248, Sustainability Criteria for Bioenergy.

- ◆ WG 1 (NL) – Cross-cutting Issues (incl scope, terminology, traceability, comparability etc.)
- ◆ WG 2 (US) – Greenhouse Gases (methodology; references ISO 14040, ISO 14044 LCA, **ISO 14067** Carbon footprint )
- ◆ WG 3 (Sw+Br) – PCI:s for Environmental, Economical and Social aspects
- ◆ WG 4 (Ca+Ar+US) – Report Indirect Effects



# ISO 13065, status Sept -12

- 1. Scope
- 2. Normative references
- 3. Terms and definitions
- 4. Symbols and abbreviated terms
- 5. Guiding clause
- 6. General requirements
- 7. Principles, criteria and indicators
- 8. Greenhouse gas methodologies
- 9. Traceability
- 10. Comparability



# Guiding Clause, status Sept -12

- Flexibility / Relevance
- Rotation period
- Stakeholder involvement
- Undue administrative burden
- Management plan
- Direct & indirect effects



# General Requirements, status Sept -12

- Responsibility
- Transparency
- Legality
- Science based approach
- Human rights
- Working conditions





# Principles, criteria and indicators status, Social part, status Sept -12

- Human rights
- Labour rights
- Land use rights & land use change
- Water use rights



# Principles, criteria and indicators status, Economical part, status Sept -12

- Economic sustainability
  - Fair business practices
  - Financial risk management



# Principles, criteria and indicators status, Environmental part, status Sept -12

- Greenhouse gas
- Water
- Soil
- Air
- Biodiversity
- Energy efficiency
- Waste



# Summary ISO 13065

- On track
- Working draft → Committee draft
- Some burning issues
- Importance of global input
- Way forward



*Thank you for your attention!*

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