



ASSOCIAÇÃO
BRASILEIRA
DE NORMAS
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Liquid Biofuel

Brazilian initiatives
in International standardization

Director of External Affairs

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ABNT

- **Created in 1940;**
- **Private, non-profit organization and of public utility;**
- **Responsible for the management of the process of standardization;**
- **Officially recognized by the Brazilian Government as the National Standards Body ;**
- **Only representative of Brazil at ISO, COPANT and AMN;**
- **Signatory of the WTO/TBT/Code of Good Practices on Standardization (1995);**
- **Conformity assessment body for products, systems and services.**





ABNT – Biofuels National scenario

- **Strategic decision**
 - Create an international market to Biofuels.
- **HOW**
 - deal with biofuels as *commodities*;
 - ensure production.
- **Action**
 - developing international standards.



ABNT – Biofuels National scenario

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- Existence of two major groups:
 - Regulators: (ANP e INMETRO);
 - NSB: (ABNT).
- How to get there: efforts into creation of International Standards;
- ISO recognized as one tool for commodity's purpose ” (Agreement WTO/ Agreement on Technical Barriers to Trade):
 - ***BIOFUEL + ISO Standard = International Commodity***



ABNT – Biofuels

International Standards Scenario

- **ABNT:** official Brazilian representant in ISO → member of the ISO/TMB (top technical structure on ISO);
- **November 2006:** ISO/TMB approves expansion of scope of the TC 28 (responsible for fuels)
 - **ABNT in ISO/TMB:** proposal to set up Biofuels's Committee
- **March 2007:** ABNT contacts ANSI → Proposal of partnership for a Committee on Biofuels;
- **June 2007:** ABNT and ANSI conclude proposal for Subcommittee (presented to the TMB in September 2007).



ABNT – Biofuels

International Standards Scenario

- **ISO**

- o Proposal of establishment a new technical committee for liquid biofuel approved by the ISO/TMB.

- **ISO Committee for Liquid biofuel**

- o Partnership ABNT/ANSI

- ABNT → Chair (technical and political leadership);**

- ANSI → Secretariat (conduct ISO rules and project development).**

- **Initiatives to highlight:** International Biofuel Forum (IBF)





ABNT – Biofuels

Nowadays International Scenario

- **ISO/TC 28/SC 7 (Liquid biofuels) approved by ISO:**
 - **President → Sergio Fontes (Petrobras);**
 - **Secretariat → Todd Sandler (ASTM).**
- **“Informal” meeting of the leadership → definition of structure and aims (May, 2008 – Buenos Aires, Argentina)**
- **1st Plenary Meeting → January (29th and 30th), 2009 (Rio de Janeiro, Brazil)**
 - **Establishment of the Subcommittee**
 - **Definition of the future work and directions**



ISO/TC 28/SC 7 1st Plenary meeting 29th - 30th January 2009

Key topics dealt in the meeting were:

- Presentation of National Positions, including: current initiatives, regulatory environment (use of standards and/or regulations, or both)
- National structures for management of issues related to biofuels
 - Needs of national members and how to support them
- Subcommittee structure and Work Programme
- Reflections of triparty needs on the work
- Subcommittee scope and proposal for modifications
 - *Scope:* “Standardization of terminology, classification, specification, analysis and testing for liquid biofuels”



ISO/TC 28/SC 7 1st Plenary meeting 29th - 30th January 2009

Main results (resolutions)

- Definition of a structure:
 - Joint Working Group with ISO/TC 34/SC 11 (Input/output quality for feedstocks and fatty acid esters used in biodiesel)
 - Study Group on evaluation of test methods for ethanol (led by automotive industry, using white paper as starting point – selection of five properties for bioethanol or biodiesel that present at least one test method)
- Efforts to avoid duplication of work developed by other organization
- Establishment of liaison with main stakeholders like ASTM and CEN

Next meeting: no later than 14 months from last one (in Europe)





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Thank you!

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