



Tripartite Meeting – Brussels, Belgium

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# **Proposal to Assist Expansion of Biofuels**

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# Background

- Many Benefits of Biofuels
  - Environmental Improvements
  - Energy Security
  - Economic Stimulus

## INTERNATIONAL GOAL

### Increase Global Production, Trade and Use of Biofuels

- Review of Biofuel Standards for EU, Brazil and US
- Tripartite White Paper



# Tripartite Efforts

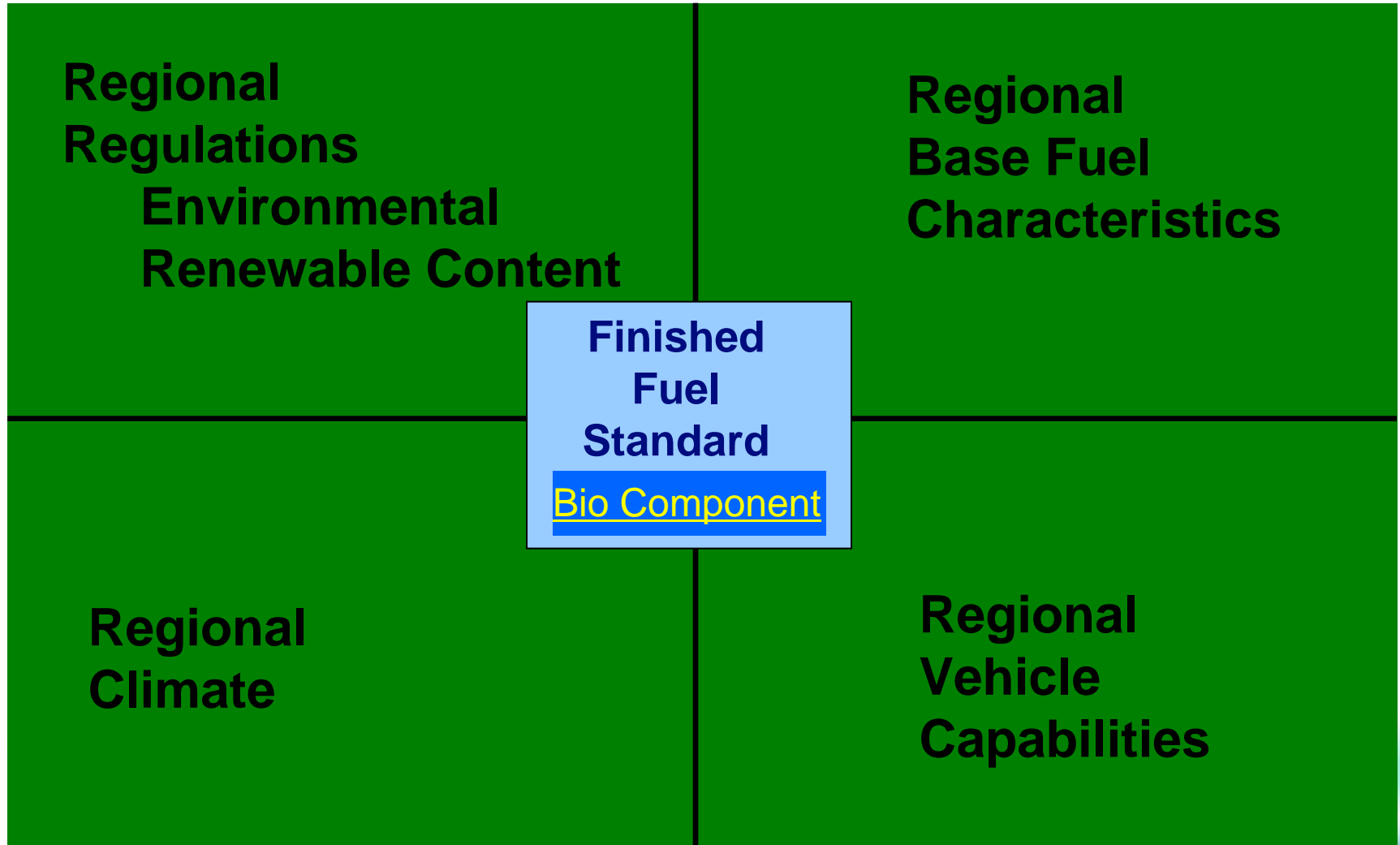
- Evaluate current Bio-Component Standards
- Identify Similarities and Differences
- Consider the Impact on International Trade
- Outcome

**Regional Standards Have  
Not Negatively Impacted  
Global Production, Trade or Use  
of Bio-Components**

# Tripartite Efforts

- Initial Approach has Created Confusion
  - Only Considered Bio-Component Standards
  - No Connection of Bio-component and Finished Fuel Standards
- Majority of Biofuels are Used as a Blend Component with Petroleum Hydrocarbons to Produce Finished Fuel Meeting Regional Standard
  - More Involved Process for Standards

# Regional Bio-Component Standards



# Tripartite Results

- Regional Analytical Methods Were Not Compared as Part of White Paper
  - This method comparison would be helpful
  - Ethanol - Undertaken by ISO TC 28 SC 7
  - Biodiesel - Joint WG ISO T28 SC 7 & TC 34 SC 11

# Tripartite Results

- No Further Review of Current Regional Bio-Component Or Finished Fuel Standards Necessary
  - ABNT, ASTM & CEN Will Consider Category B Specifications as a Part of Normal Business
- Metrology Labs Have Identified Areas to Assist Industry – CRMs and SRMs
- International Contacts and Relationships Beneficial

# NEW PROPOSAL

- How can the Internationally Recognized Regional Information be Compiled To Assist the Global Community in Understanding Current Standards and Developing New Standards?
- Global Production, Use and Trade of Bio-components May Improve with Easier Access to Information – **KNOWLEDGE BASE**

# Knowledge Base of Regional Information

- Web Based System
- Easy International Access
- Identify Developed Regional Standards
- Understanding of Regional Standards
- Model for Regions Developing Standards

# Knowledge Base of Regional Information

- Compile Internationally Recognized Regional Standards
  - Links to SDO for Purchase of Standards
    - Copyright Protection
  - Finished Fuel and Bio-Components Standards
- Discussion of Regional Analytical Methods
- Links to Helpful Background Information
  - Regional and International Trade Associations
  - SDOs, OEMs, Regional Regulatory Bodies, ...
  - Distribution and Retail Issues for Component & Blends

# Knowledge Base of Regional Information

- Background Materials for Regional Standards
  - Regulations on Taxation, Renewable Content & Environmental Requirements
- Links to National and International Metrology Groups for CRMs and SRMs
- Links to Regional Authorities on Trade Issues
  - Government Contacts
- Post a Glossary of Terms

# Developing Regions

- Valuable Information for Regions Developing Their Own Standards for Finished Fuels with Bio-Components
- Knowledge of Robust Methods
- Information on Characteristics of Current Regional Fleet?
- Background on Various Parameters
  - Why Needed In Finished Fuel

# Knowledgebase of Regional Standards

## Questions remain:

Who Will Host It?

Who Will Design & Build It?

Who Will Maintain It?

Who Will Pay For It?

Language(s) To Use?

## Who Will Use It?

# Knowledge Base for New Components

- New Liquid Biofuels (Bio-Components)
  - Other Alcohols
  - Renewable Gasoline & Renewable Diesel
  - Fermentation, Hydro Treating, GTL, Fischer Tropsch?
- Changes in Regional Vehicle Fleets
- Changes in Regional Finished Fuel Standards
- Changes in Analytical Methods, Reference Materials

# Summary

- Regional Bio-Component Standards Must be Based on Regional Finished Fuel Standards
- No Further Review of Standards Necessary
- SDOs Will Prioritize Further Efforts
- **A Central Knowledge Base of International Information May Assist the Developing Regions with Bio-Component Standards**