European and CEN Drivers for Biofuels
Developments

Shannon Fraser
Office of Energy and Environmental Industries
U.S. Department of Commerce
International Trade Administration

ANSI Biofuels Standards Panel
Arlington, VA, May 9, 2007
# EU Biofuel Production by Select Member States

(Source: EurObserver, No. 167, May-June, 2005)

<table>
<thead>
<tr>
<th>Million Gallons</th>
<th>Biodiesel</th>
<th></th>
<th>Ethanol</th>
<th></th>
<th>Total</th>
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<tr>
<td>Germany</td>
<td>141</td>
<td>224</td>
<td>324</td>
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<tr>
<td>France</td>
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<td>112</td>
<td>109</td>
<td>30</td>
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<tr>
<td>Italy</td>
<td>66</td>
<td>85</td>
<td>100</td>
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</table>
**EU Policy Measures for Biofuels Production**

- EU’s Common Agricultural Policy (CAP);
- Blair House Restrictions;
- CAP Land Use Rules;
- Energy Crop Payments;
- Sugar Sector Reform.
EC Directives for Biofuels

• Biofuels Use Directive;
• Energy Taxation Directive;
• Fuel Quality Directive.
EU Biofuels Trade

• Thirty-six percent of ethanol imported under MFN trade arrangements;
• Twenty-five percent of ethanol imports are from Brazil;
• Preferential Trade Arrangements account for sixty-four percent of EU ethanol imports;
• Limited trade in biodiesel, with an ad valorem duty of 6.5%.
EU Biofuels Standards and Regulations

- **EU Directives**: Obligatory in all EU member states;

- **CEN Standards**: Developed by industry experts, based on Directive elements and incorporated into national regulations;

- **National Standards**: Special cases
EU Standards Developments on Biofuels

• CEN Taskforce on biodiesel specifications (Standard EN 14214)

• CEN Taskforce on ethanol standard (prEN 15376)

• Upcoming standards developments and discussions

• June 2006, Vienna:
  U.S.-EU Strategic Energy Cooperation under the U.S.-EU Summit

• October 2006, Washington:
  U.S.-EU Strategic Energy Cooperation Workshops:
    ➢ 1) Biofuels, 2) Strategic Energy Cooperation, 3) CCS/CCT,
        4) Energy Efficiency

• Biofuels Cooperation:
  ➢ Regulatory/Policy Issues (Standards, Product, Fuel Quality)
  ➢ R&D on Second Generation
  ➢ Resource Assessments
  ➢ Economic Factors and Environmental Impacts

• February 2007, Brussels:
  Second Biofuels Workgroup Meeting

• February 2007, Brussels:
  International Biofuels Standards Conference

• April 2007, Washington:
  Second U.S.-EU Strategic Energy Cooperation under U.S.-EU Summit