

**Today's Agenda**

- ✓ Introductions
- ✓ Bagley-Keene Review
- ✓ Advisory Panel Guidelines
- ✓ LCFS Overview and Updates
- ☐ Draft Workplan and 2011 Agenda
- ☐ Expert Workgroup Summaries
- ☐ Method 2A/2B Review and Update
- ☐ Next Steps

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**Draft Workplan  
and 2011 Agenda**

Advisory Panel Meeting  
February 16, 2011

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**Background**

- Panel will meet three more times
  - Discuss ARB staff's program review
  - Potential 2-day meeting in August
- Two public checkpoint meetings
  - Summarize work to date
- Minimum 13 topics listed in regulation (13 CCR section 95489 (a)(1)-(13))

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### Panel Schedule

| Month     | Schedule                           |
|-----------|------------------------------------|
| February  | Topic 3                            |
| April     | Topics 5, 9, and 10                |
| June      | Topics 6, 7, and 12                |
| July      | Public checkpoint meeting          |
| August    | Topics 1, 2, 4, and 8              |
| September | Public checkpoint meeting          |
| October   | Topic 3 (cont.) and draft document |
| December  | Staff report to the Board          |

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- ### Today's Meeting
- **Logistics of Topic 3 - Advances in full, fuel-lifecycle**
    - Expert Workgroup summaries and staff progress
    - Stakeholder-proposed new/modified fuel pathways (Method 2A/2B)
    - ARB-generated pathways
  - **Must move on to other topics next meeting**
    - Written comments welcome
    - Panel can revisit all topics in October meeting when draft report is discussed
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- ### April Meeting
- **Topic 5 – Availability and use of ultralow carbon fuels, advisability of establishing mechanisms to incentivize**
  - **Topic 10 - Assessment of the air quality impacts associated with the implementation of the LCFS**
  - **Topic 9 – Analysis of public health impacts at state and local levels in consultation with public health experts**
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**Ultra-Low Carbon Fuels(Topic 5)  
Scope of Analysis**

- Update on new technologies
- Review incentive funding
- Update on advanced fuel production
- Ways to encourage ultra low carbon fuels

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**Air Quality Assessment (Topic 10)  
Scope of Analysis**

- Review Biorefinery Siting Guidance document
- Review air quality assessment
- Update on biodiesel impacts analysis in parallel with biodiesel rulemaking
- Update on ongoing multimedia evaluation for other fuels, blendstocks

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**Public Health Impacts (Topic 9)  
Scope of Analysis**

- Review health risk assessment in Staff Report
- Discuss staff's commitment to track and review new fuels project permits
- Update on additional tools

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**June Meeting**

- **Topic 6 – Assessment of supply availabilities, rates of commercialization of fuels and vehicles**
- **Topic 7 – Program’s impact on State’s fuel supplies**
- **Topic 12 – Significant economic issues; fuel adequacy, reliability, and supply issues; and environmental issues that have arisen**

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**Supply and Commercialization (Topic 6)  
Scope of Analysis**

- **Review number of alternative fuel stations**
- **Review vehicle supply**
- **Includes CNG, biodiesel, E85, hydrogen and electricity**

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**Impact on Fuel Supplies (Topic 7)  
Scope of Analysis**

- **Review of current fuels, including sales, and volumes**
  - Gasoline
  - Diesel
  - Corn ethanol
  - Other fuels

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**Economics and Reliability (Topic 12)  
Scope of Analysis**

- Review of current fuel prices
- Discussion on any new economic issues
- Discussion of any new environmental issues
- Update on the Sustainability Workgroup

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**July Meeting**

- Public checkpoint meeting to review work presented to the panel
- Discuss the analysis and any preliminary conclusions/recommendations identified thus far

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**August Meeting – Day 1**

- Topic 1 – Progress against targets
- Topic 2 – Adjustments to the compliance schedule, if needed
- Topic 4 – Advances in fuels and production technologies, including feasibility and cost-effectiveness of advances
- Topic 8 – Impact on state revenues, consumers, economic growth

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**Progress and Adjustments** (Topics 1 and 2)  
**Scope of Analysis**

- Review reporting data to provide indication on progress towards meeting the target
- Analysis of whether 2006 CA baseline crude mix needs update/adjustment

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**Production and Revenues** (Topics 4 and 8)  
**Scope of Analysis**

- Update on near- and long-term fuels
- Cost analysis of these fuels
- Consider staff report economic analysis and determine if any updates/adjustments are necessary
  - Determine potential reasons for differences, if any
  - Identify potential ways to help address cost differences, if needed

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**August Meeting – Day 2**

- Topic 11 – Identification of hurdles or barriers (e.g., permitting issues, infrastructure adequacy, research funds) and recommendations for addressing such hurdles or barriers
- Topic 13 – Advisability of harmonizing with international, federal, regional, and state LCFS and lifecycle assessments

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**Hurdles and Harmonization** (Topics 11 and 12)  
**Scope of Analysis**

- Review EPA Guidance document
- Discuss potential barriers
- Update on other LCFS efforts
- Discuss CA LCFS harmonization efforts with similar programs in Eastern states, EU, Canada, others

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**September Meeting**

- Public checkpoint meeting to review work presented to the panel
- Discuss the analysis and any preliminary conclusions/recommendations identified thus far

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**October Meeting**

- Update on advances in full, fuel-lifecycle assessments
- First draft of review document released to Panel and reviewed at this meeting

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**End of 2011**

- Report to the Board

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**Questions?  
Comments?**

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