



He also outlined that today's call would focus on:

- 1) Seeing if this Sector Workgroup has any near-term projects for a) either an early September announcement, or b) that should be bumped to the front of the line for possible FY05 funding, and
- 2) Seeing which longer term projects (meaning, projects that would need more than \$250k of funding) this Sector Workgroup would like to focus on and identify who in the group is most interesting in developing these projects.

## **II. Re-cap from June 15th (Michelle Roos, US EPA R9)**

- 1) Self-determined draft mission of the workgroup: Most cost effective emissions reductions.
- 2) Project Ideas
  - a) "enhanced" Carl Moyer Fund/expansion of EQIP funds
    1. irrigation pump replacement/efficiency improvement
    2. tractors and other mobile equipment
  - b) look at agricultural system as a whole: trucks and trains
  - c) short-term: expand use of emulsified fuel
  - d) mid term: early conversion to ULSD or LNG retrofits
  - e) long term: electrification, anti-idling
  - f) other: bio-diesel production/use of methane from digesters as biogas for fuel

## **III. Report Outs since June 15/Ideas for short-term projects**

### **1) "enhanced" Carl Moyer Fund/expansion of EQIP funds**

#### **Irrigation Pump Efficiency (Paul Johnson, US DOE)**

Paul Johnson emphasized the importance of "pinch points" –areas of concern/emphasis by numerous organizations- when we look at Collaborative projects. Mr. Johnson then talked about a project with the Center for Irrigation Technology that the Central Valley Task Force has been looking into that would expand their existing electric irrigation pump efficiency program to diesel pump efficiency. CIT has 3 proposals (a pilot for \$100k, a mid-size project for \$250k and a full scale project for \$800k) that they're looking for funding for.

#### **Update on Carl Moyer (Seyed Sadredin, San Joaquin Valley Air Pollution Control District)**

Seyed Sadredin relayed although existing Moyer funds have expired, the Governor of CA has a \$61 million/year permanent funding proposal that would fund Carl Moyer using smog check fees (double fees for older vehicles, exempt vehicles 6 years or younger). There are also bills in the legislature that would create long term sustainability through a gas tax or a tire disposal fee.

Many of these ideas have broad support with the Large Emissions Reductions Project (LERP) – a diverse group of stakeholders in CA that have been working in the legislature.

Seyed also talked about being about to better assess the number of agriculture pumps or other sources of agriculture equipment emissions following SB 700, and that there may be more engines that was once thought.

## **2) bio-diesel production/use of methane from digesters as biogas for fuel**

### **Bio-diesel (Allen Dusault, Sustainable Conservation)**

Allen Dusault talked about the concerns from both farmers (is there a payback and what are the risks of switching to a new crop) as well as the environmental community (are there NOx increases, are there concern with GMOs, soil erosion or pesticides, will this be more costly) and offered to help research these issues and identify mutual goals and common grounds. Allen offered to pull a small group together to layout the pros and cons and to answer questions and evaluate opportunities. Per Cynthia Cory's suggestion, Mr. Dusault will also get in touch with the Bio-diesel working group at the CA Energy Commission.

## **3) expand use of emulsified fuel**

### **Lubrizol distributor opening (Bob Gaffney, RV Jenson)**

Bob Gaffney talked to the group about possibly using his October grand opening as a Collaborative project and mentioned that CARB is supplying a \$.25/gal subsidy for using emulsified fuel in Sa Joaquin and South Coast. Per Manuel Cunha's suggestion, Mr. Gaffney will contact/work with CARB about engine-testing for C-9 and C-15 engines.

## **4) look at agricultural system as a whole: trucks and trains**

### **Intermodal Activities (Manuel Cunha, Nisei Farmers League)**

Manuel Cunha talked about the CIRIS project that will be spending approximatey \$9 million to consolidate rail lines (install off shoots/rail spurs) to connect the Port of Oakland to the San Joaquin Valley. Kerry Drake from EPA offered to get more information about this project and approach the National Agriculture Task Force about it.

## **1. Next Steps**

The group decided to focus on gathering more information, possibly in the form of short prospectuses or draft language, in 4 areas before the next Workgroup meeting in August. Please contact the below mentioned lead to volunteer to help out. One suggestion might be for each of these "subgroups" to have a meeting/conference call. Please contact Michelle Roos if you need help setting that meeting up.

**Joseph Lapka and Kathy Diehl from EPA R9 volunteered to gather more information together about the CIT Irrigation Pump Efficiency project and distribute it to the group.**

**Seyed Sadredin from the San Joaquin Valley Air Pollution Control District volunteered to work with others in the group before the August meeting to develop a few possible short-term (\$50-100k), medium-term (a few \$100k) and long-term (over \$1 million) projects to mitigate diesel agriculture equipment emissions (fuel and engine) that might be eligible for Collaborative, EQIP, Moyer, EPA, etc, funds).**

**Allen Dusault from Sustainable Conservation volunteered to pull together a small group to layout the pros and cons of bio-diesel production, answer questions and evaluate opportunities.**

**Bob Gaffney from RV Jensen volunteered to bring back to the group more information about the CARB emulsified fuel subsidy.**

**Kerry Drake from EPA R9 offered to explore the CIRIS Project as a potential Collaborative project and to report back to the group on this findings.**