

San Bernardino Clean Communities Pilot Project

*Working Together to
Build Cleaner Communities*

August 10, 2011



San Bernardino Work Plan Structure



Update on Technology, Funding, Projects, and Showcase



Technology,
Funding,
Projects,
and
Showcase

- Targeted Air Shed Grant Incentive Programs
 - Yard Equipment Exchange Program
 - ❖ Lawnmower Exchange – 487 units
 - ❖ Leaf Blower Exchange – 450 units
 - Kicking off gas log fireplace incentive program in August
 - Identifying candidates for boiler retrofits
 - Working with City of San Bernardino for joint outreach for VOC-reducing projects
 - ❖ Architectural coating rebates for public buildings and schools (September)
 - ❖ Aqueous brake cleaning systems for automotive repair
 - ❖ Targeted laser paint systems for auto refinishing
 - ❖ Green cleaner dilution systems for public buildings and schools

Update on Technology, Funding, Projects, and Showcase



Technology,
Funding,
Projects,
and
Showcase

- Air filtration systems at schools
 - 5 schools selected (Installation pending)
- UPS Truck Replacement Project
 - AQMD cosponsoring diesel truck replacement project at UPS in San Bernardino with Electric Vehicle International, Inc.
 - Replacement of 28 older UPS diesel delivery trucks with zero-emission medium-duty trucks
 - 5 year demonstration (collect data, evaluate durability and reliability)

Update on Partnerships



Partnership

- AQMD staff assisted with hosting California Science, Technology, Engineering, Mathematics (STEM) Learning Institute Program in July 2011 with San Bernardino County Superintendent of Schools

Update on Education and Outreach



Education
and
Outreach

- AQMD Clean Air Connections webpage working on new electronic tools and information resources
- San Bernardino Valley College (SBVC)
 - Natural Gas Heavy Duty Engine Curriculum developed for alternative-fueled heavy duty vehicles
 - Designed for mechanics



Update on Community Well Being



Community
Well Being

- Loma Linda University's Environmental Railyard Research Impacting Community Health (ENRRICH)

Other Action Items from Last Meeting

- Loma Linda University's Environmental Railyard Research Impacting Community Health (ENRRICH) link to website
- Link to information on AQMD Amnesty Rule
 - <http://www.aqmd.gov> (banner on homepage)
- Additional interviews with stakeholders
 - California Auto Body Association (7/1/11)
 - Others pending
- Report on the SBX project at a future meeting

Interview with California Auto Body Association

- Met with Linda Holcomb and discussed the following topics and suggestions:
 - Outreach to auto body industry (paint and equipment distributors, publications)
 - Training and education
 - Coordinating efforts with other regulating entities
 - Auto body insurance regulation reform
 - Incentivizing compliant businesses
 - Encouraging use of compliant businesses

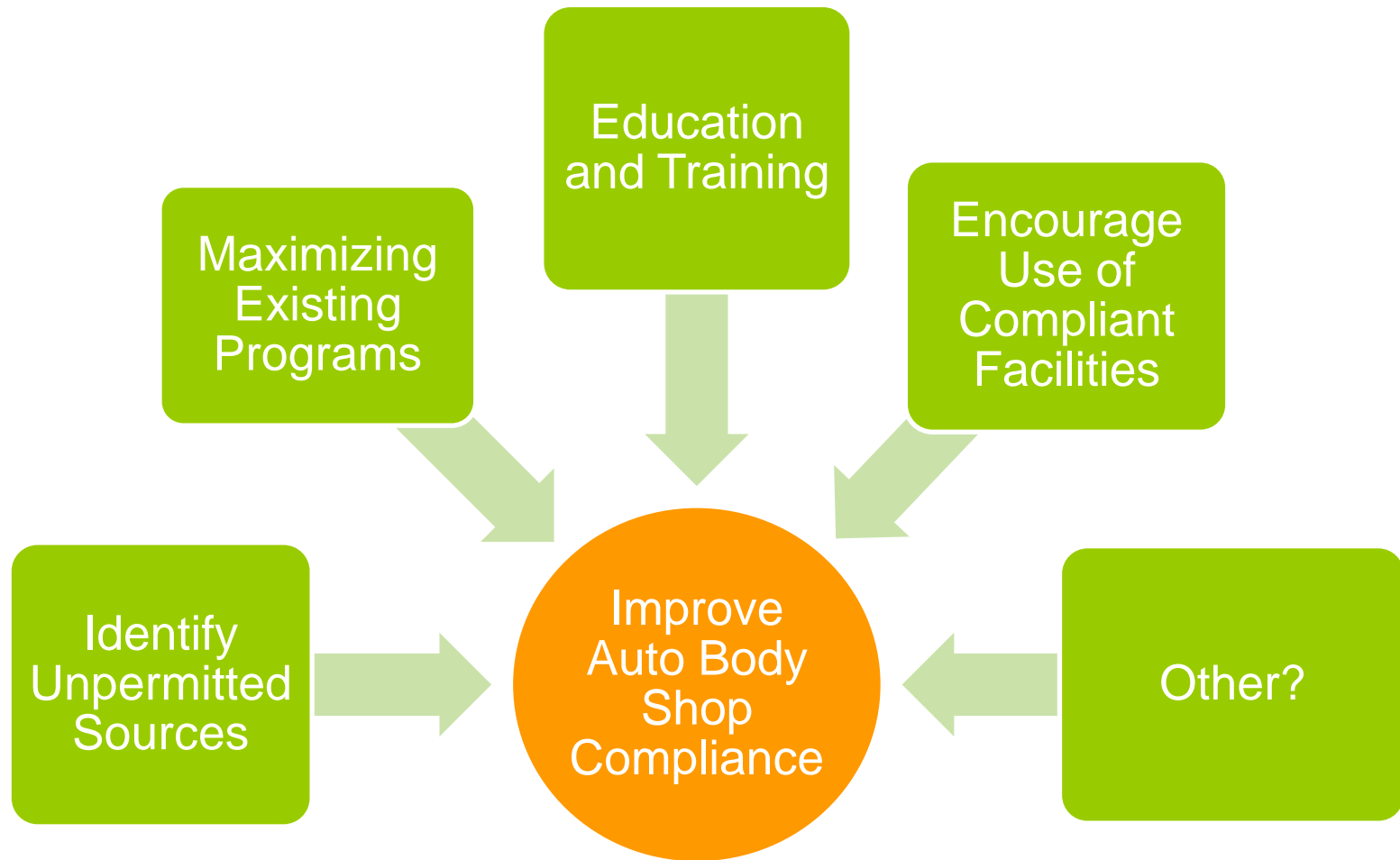
Potential Study Issues for San Bernardino

- Non-compliant businesses
- BNSF Rail Yard
- Warehouses and distribution centers – truck traffic near homes (existing and proposed)
- Omnitrans – expansion and safety concerns
- Concrete Ready Mix Operation – dust, school nearby
- Rendering operation – odors
- Freeway expansion and construction
- Lack of green space, bike paths, centralized shopping

Non-Compliant Businesses – Auto Body Case Study

- Issue of “Non-Compliant” businesses spans variety of businesses
- Auto Body Case Study is a starting point
- Objective
 - “Even the playing field”
 - Bring facilities into compliance – permits, pollution control equipment
- Brainstorming “tools” to address non-compliant auto body shops
- Incorporated suggested approaches from California Auto Body Association

Tools to Improve Auto Body Shop Compliance



Approaches to Identifying Non-Compliant Auto Body Shops

- Compare AQMD permit database with “yellow pages” or business listing database
- Can work with local code enforcement to obtain facility lists based on business permits
- “No fault inspections”
- Complaint investigations

Approaches to Identifying Non-Compliant Auto Body Shops

- Partner with Economic & Employment Enforcement Coalition (EEEC)*
 - Partnership of state and federal agencies for targeted enforcement against non-compliant businesses
 - Has conducted inspections for multiple industries including auto body

* Suggestion from California Auto Body Association

AQMD's Existing Programs

- AQMD Rule 310.1 Amnesty for Unpermitted Equipment (7/1/2011 through 12/31/2011)
 - No penalty fee assessed for previous failure to obtain a permit provided no violations and for non-Title V facility
 - 50% discount on application filing fee for new control equipment for small business*
- Rule 301 (Ongoing)
 - Applicability: \leq \$5 million gross annual receipts and \leq 100 employees
 - No penalty fee assessed for previous failure to obtain a permit provided no violations

* \leq \$500,000 gross annual receipts and \leq 10 employees





Approaches to Maximize AQMD's Existing Programs

- Advertise programs in auto body magazines, websites, and other publications*
- Focused outreach to auto body shops in San Bernardino
- Instructional videos for auto body shops

* Suggestion from California Auto Body Association

Approaches to Enhance Education and Training

- Educate paint and equipment distributors*
- Informational articles in trade magazines*
- Hold workshops for the auto body industry
- Education and training at auto body trade schools and local colleges**
 - Use of air pollution control equipment (laser targeted paint guns, spray booths)
 - Best management practices

* Suggestion from California Auto Body Association

** Suggestion from Boyle Heights Working Group

Approaches to Encourage Use of Compliant Facilities

- Work with insurance commissioner to ensure insurance companies use auto body shops that are permitted and have pollution control equipment*
- Education on the benefits to selecting air quality compliant and green auto body shops*
- Develop a recognizable rating system or logo for the consumers and insurance companies*

* Suggestion from California Auto Body Association

Next Steps

- Develop an action plan based on comments received for implementation
- Report back at next meeting
- Next meeting – October 12, 2011