

**MOVES2004 Update for STAPPA/ALAPCO**  
**November 9, 2004**

- MOVES2004 and technical documentation to be made publicly available in December
  - Draft model – kicks off lengthy stakeholder review period
  - To be posted on EPA OTAQ website
  - MOBILE listserv will announce availability
  - Will plan workshop early 2005
  
- MOVES2004 Scope
  - All highway vehicles
  - National default fleet & activity
  - Estimates energy consumption (total, fossil, petroleum), CH<sub>4</sub> and N<sub>2</sub>O
  - Is not a replacement for MOBILE6
  
- Future plans
  - MOVES2005 (Fall 2005): draft aircraft, commercial marine, locomotive
  - MOVES2006 (Winter 2006): draft on-road HC, CO, NO<sub>x</sub>, PM, Toxics
  - MOVES2007 (Summer 2007):
    - final on-road HC, CO, NO<sub>x</sub>, PM, Toxics (MOBILE6 replacement)
    - draft off-road
  - MOVES2008 (Summer 2008): final off-road (NONROAD replacement)
  - **Implication: MOVES will not be available in time to support 8-hour ozone and PM<sub>2.5</sub> SIPs. MOBILE6 will still be the official model for use in these analyses**
  
- Objective of release
  - Seeking stakeholder comments
  - Allows validation of fleet & activity components of model via comparison of bottom-up and top-down fuel consumption estimates
  - Lays building blocks for MOBILE replacement
  - Gives users chance to familiarize themselves with MOVES framework
  
- Features
  - County / state / national estimates 1999 through 2050
  - Well-to-pump effects through interface with DOE's GREET model
  - Advanced technology penetration options
  - Graphical User Interface