



# National Fire Plan

## Managing the Impact of Wildfires on Communities and the Environment

### 2003: Maryland DNR Type 6X Engines

The Department of Natural Resources Forest Service in Maryland annually responds to an average of 660 wildfires that burn an average of 3,500 acres. Many of these fires occur in the wildland/urban interface and can threaten homes and communities. Forty Type 7X engines of varying configurations are in service across the state, but with reductions in workforce and fleet, the challenge was to build a heavier standardized Type 6X engine for better capability in initial and extended attack.

The DNR used National Fire Plan State Fire Assistance preparedness funds to purchase four units that can be mounted in the back of a truck. State funds were used to purchase four one-ton heavy-duty 4X4 utility trucks, along with the equipment needed to outfit the engines. These purchases allowed the DNR to build four replacement engines to better protect Maryland communities at risk. Each unit is equipped with a 200-gallon tank, 18 hp engine and CET fire pump, a foam delivery system, an aluminum reel with 200 feet of hose, and a box for an additional 200 feet of pre-connect hose.



New engine in the back of a truck.

#### Resulting benefits:

- Four new Type 6X engines are in service.
- Each of the state's four regions received a new engine
- Initial and extended attack capability is greatly improved.

**Sharing success:** The new units are available for Compact or interagency fire assignments.



For more information contact George Brooks (610)557-4145 [gbrooks@fs.fed.us](mailto:gbrooks@fs.fed.us)