

## COMPETITION GUIDELINES OVERVIEW

### THE AUTOMOTIVE X PRIZE

The X PRIZE Foundation is developing a multi-million dollar Automotive X PRIZE (AXP) to inspire a new generation of super-efficient vehicles that help break our addiction to oil and stem the effects of climate change.

The Automotive X PRIZE will be awarded to the teams that win a stage race for clean, production-capable vehicles that exceed 100 MPG equivalent fuel economy.

To encourage feedback, the AXP has published draft Competition Guidelines, now open for public comment from April 2 to May 31, 2007. The product of thousands of hours of effort by the AXP and world-class advisors, the Competition Guidelines are based upon sound principles of fairness, inclusiveness and independence.

### COMPETITION REQUIREMENTS

The AXP will challenge teams to design, build and demonstrate vehicles that are super-efficient *and* production-capable, not concept cars. Requirements include:

- **Energy and emissions** – Vehicles must achieve significant energy and emissions goals, most importantly in fuel economy, with at least 100 Miles per Gallon or its equivalent (MPGe).
- **Production capability** – All vehicles must be designed to reach the market. They will be judged on specific market criteria detailed in key areas: safety, cost, features, and business plan.

### VEHICLE CLASSES

Teams can compete in two vehicle classes – Mainstream and Alternative. The Mainstream vehicles will carry 4+ passengers with 4+ wheels; Alternative vehicles will carry 2+ passengers with no minimum wheel requirements. Both classes have the same requirements for fuel economy and emissions, but have different design constraints.

### THE AXP RACE SERIES

The AXP will culminate with two dramatic, long-distance stage races in 2009 to test qualified vehicles – a Qualifying Race and the Grand Prize Final. Race courses will reflect typical consumer driving patterns during numerous stages, in varied terrain, communities, and weather conditions.

To win the multi-million dollar Automotive X PRIZE, vehicles must complete both races with the lowest overall time averaged over all scoring stages while still meeting the AXP requirements for fuel economy and emissions.

- **Qualifying Race** – Vehicles will be admitted based on credible evidence that they are production capable and can meet AXP energy, emissions, and performance requirements.
- **Final Race** – Vehicles that successfully complete the AXP Qualifying Race may apply to compete in the Grand Prize Final Race. In order to win, vehicles must achieve 100 MPGe fuel economy, less than 200 g/mi GHG emissions, and criteria emissions at levels legal in all 50 US states.

### OPPORTUNITIES FOR RECOGNITION

The AXP will provide many opportunities for team and vehicle recognition for all competitors, such as:

- **“AXP Certified” mark** – Available for vehicles that successfully complete the AXP Final Race
- **“AXP Awards”** – For vehicles that demonstrate significant progress toward various AXP goals
- **Special recognition** – For production-intent vehicles that will be brought to market within a year

### PRIZE TIMELINE



Complete draft Competition Guidelines may be downloaded at <http://auto.xprize.org>.