



Starting with a durable design, the innovative approach to the Los Angeles International Airport (LAX) Automated People Mover (APM) project integrates a focus on sustainability through construction strategies that minimize energy consumption and adverse environmental effects, promote indoor environmental quality and reduce resource consumption.

Institute for Sustainable Infrastructure: Envision

The APM project is applying for an Envision Platinum award. Envision is a framework that includes 64 sustainability and resilience indicators with multiple levels of achievement, ranging from slightly improving beyond conventional practice to conserving and restoring communities and environments.

Leadership in Energy and Environmental Design (LEED): Maintenance & Storage Facility (M&SF)

LEED provides a framework to create healthy, highly efficient and cost-effective green buildings. The current LEED New Construction and Major Renovation certification awards credits in seven main categories:



Location and Transportation, Sustainable Sites, Water Efficiency, Energy and Atmosphere, Materials and Resources, Indoor Environmental Quality and Innovation. The M&SF has been designed to meet LEED Gold certification standards.

- The APM's M&SF will include a solar photovoltaic generation system on the roof and incorporate solar carports, providing 40% of the M&SF's power demand and 7% of the overall APM Project's power demand.
- Highly energy-efficient Bombardier INNOVIA APM 300 trains are designed to eliminate hazardous substances and toxic emissions and their state-of-the-art aluminum shells are fully recyclable.
- When complete, the APM will ease airport traffic and congestion, reduce emissions and improve community mobility.
- By incorporating innovative and proactive strategies into a comprehensive Inclusivity Program, the APM project supports social justice initiatives by providing career development opportunities to prepare a diverse workforce to help fill newly-created jobs and pouring millions of dollars into local and small businesses.
- The APM's context-sensitive design will enhance views and local character while increasing public art opportunities. It goes beyond historical preservation by prominently showcasing LAX's Theme Building, iconic to Los Angeles' architectural legacy.

Our sustainability commitments for the Automated People Mover and associated works are a key part of LINXS' commitments to designing, building and operating innovative, world class infrastructure.

-Antonio Estrada
CEO, LINXS

Examples of Envision Project Credits



- Minimize Construction Impacts
- Improve Community Mobility
- Improve Access & Wayfinding
- Advance Equity & Social Justice



- Assess Climate Change Vulnerability
- Establish Resilience Goals & Strategies
- Improve Infrastructure Integration



- Support Sustainable Procurement
- Use Recycled Materials
- Reduce Construction Waste
- Use Renewable Energy
- Preserve Water Resources



- Preserve Undeveloped Land
- Reclaim Brownfields
- Manage Storm Water
- Protect Surface & Groundwater Quality

Examples of LEED Project Credits



- Outdoor Water Use Reduction
- Indoor Water Use Reductions
- Building-Level Water Metering



- Building-Level Energy Metering
- Optimize Energy Performance
- Renewable Energy Production
- Carbon Offsets



- Waste Management Planning
- Storage of Recyclables
- Optimizing and Disclosing Material Sourcing



- Indoor Air Quality Assessment
- Low-Emitting Materials
- Enhanced Air Quality
- Environmental Tobacco Smoke Control

About the Automated People Mover

The Automated People Mover (APM) system will bring convenience and time-certainty for guests traveling to or from LAX. During peak hours, driverless trains will arrive at stations every two minutes. The trains will have wide doors for easy access with luggage, large windows for viewing, plenty of hand holds and seats for those in need. Station platforms are open-air, light-filled and have escalators and elevators for quick, convenient access to the terminals. The APM is the centerpiece of LAX's Landside Access Modernization Program (LAMP), which also includes a Consolidated Rent-A-Car (ConRAC) facility, Intermodal Transportation Facilities and associated roadway improvements. The APM will reduce vehicle congestion in the Central Terminal Area, provide a connection with L.A. Metro's regional transportation system, create new locations for passenger pick-up and drop-off, reduce emissions and provide reliable access to the terminals.

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