



U.S. DEPARTMENT OF ENERGY

LOAN PROGRAMS OFFICE

ADVANCED TECHNOLOGY VEHICLES MANUFACTURING (ATVM) LOAN PROGRAM

MORE THAN
\$16
BILLION
IN REMAINING
AUTHORITY

LOW-COST FINANCING FOR U.S. MANUFACTURING FACILITIES



LOW INTEREST RATES

Interest rates on loans are set at U.S. Treasury rates.



LONG TENOR

Loans are set at the useful life of the asset, as determined by DOE, and can extend up to 25 years.



GROWTH CAPITAL

Repayment program where eligible costs are reimbursed.



FEES & COSTS

The program does not charge application fees. At closing, applicant pays a closing fee of 0.1% of loan principal amount. Applicant pays for costs of DOE's external advisors.

ATVM can provide loans for eligible vehicle and component manufacturing projects in the U.S. that can include:

- ✓ **Building new facilities in the U.S.**
- ✓ **Reequipping, modernizing, or expanding existing facilities in the U.S.**
- ✓ **Engineering integration**

ELIGIBLE COMPONENTS INSTALLED IN ADVANCED TECHNOLOGY VEHICLES TO INCREASE FUEL ECONOMY PERFORMANCE

Advanced Engine Technologies

- Variable Valvetrain Control
- Direct Injection
- Turbocharging
- Start/Stop

Electronics

- Advanced EV Controllers
- Electric Power Steering
- Power Electronics
- Battery Systems

Fuel Efficient Tires

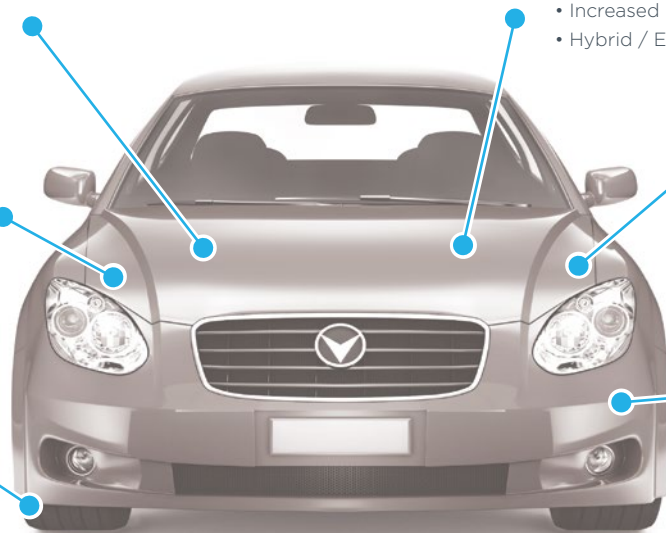
Advanced Powertrain Technologies

- Increased Number of Gear Ratios
- Hybrid / EV Powertrain Integration

Light-Weighting Technologies

- Advanced High Strength Steels
- Aluminum, Magnesium, or Other Alloys
- Plastics, Carbon Fiber, & Composite Materials

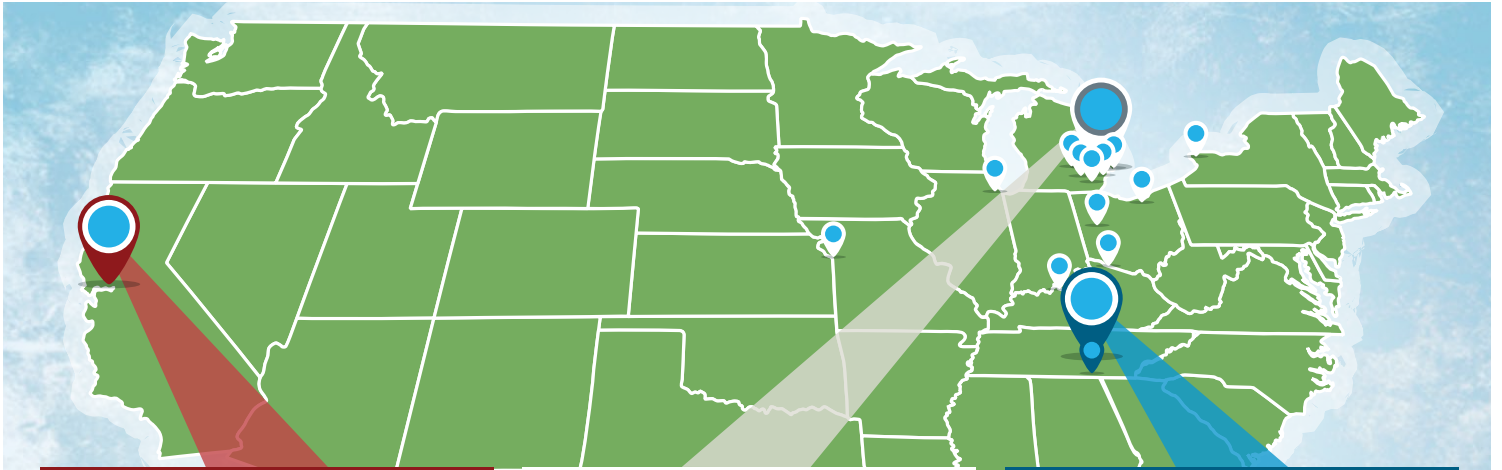
Improved Aerodynamics



Qualifying projects may include—but are not limited to—these technologies

SUCCESSFUL PUBLIC-PRIVATE PARTNERSHIPS

\$8 BILLION INVESTED IN AMERICAN AUTO MANUFACTURING



TESLA

- \$465 million loan issued in 2010
- Financed the engineering and design of the all-electric Model S, battery manufacturing, and the renovation and modernization of a shuttered auto plant in California.



FORD

- \$5.9 billion loan issued in 2009
- Modernized 13 facilities in 6 states to manufacture fuel-efficient vehicles and components, including the EcoBoost™ engine.



NISSAN

- \$1.45 billion loan issued in 2010
- Financed the construction of Nissan's new all-electric Leaf vehicle assembly line, a battery facility, and electric motor manufacturing facility in Tennessee.

PRE-APPLICATION CONSULTATION

Companies interested in building, reequipping, modernizing, or expanding vehicle or component manufacturing facilities in the U.S. are encouraged to contact the ATVM loan program to schedule a pre-application consultation.

✓ **NO COST**

✓ **NON-BINDING**

Learn more *at*
energy.gov/lpo/atvm

Contact ATVM staff *at*
atvmloan@hq.doe.gov



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energy.gov/lpo