Vehicle Electrification Fact Sheet

Cars are a global problem.

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We can fix them.

How?

Hydrogen fuel cells and advanced batteries

far-term GHGs

+immediately cut GHG emissions using H2 from natural gas^[5]

foreign oil tailpipe emissions

It will take a portfolio of solutions to address

the ills of our transportation sector. Fuel cells and batteries are only a start.

are close to meeting car cost targets.[6] How? Platinum cost System cost

Cost: -30% from 2008-2010 -40% needed 2010-2016

With auto companies promising fuel cell vehicles by 2015,

funding fuel cell research is critical to the transition to cleaner transportatio

And new vehicle tech alone is no silver bul Transit and active transportation are needed to meet GHG targets.[7]

1. Transp. energy data book, ORNL, (2009) / 2. Delucchi et al., J Environ Mgmt 64 (2002) / 3. Delucchi et al., Energy Policy 36 (2008) / 4. Parry et al., in Resources for the Future: Discussion Papers (2003) / 5. Thomas, Int J of Hydrogen Energy 34 (2009) / 6. Papageorgopoulis, DOE H2 Program AMR (10 May 2011) / 7. Sager et al., Environ Res Lett 6 (2011)

light-dut vehicles

urban air pollution costs a in healthcare

Protecting US oil interests abroad costs

is the "pren associated with ı market

volatility