

VISION: We Can Use VW Funds As Seed Money to Transform Transportation in Texas While Creating Jobs and Reducing Pollution



- 1. Reduce Emissions of Ozone**
- 2. Use the VW funds as “seed” money and buy down the incremental costs of new cleaner technologies**
- 3. Pull and Create new technologies – regardless of fuel source**
- 4. Harness the purchasing power to Transform the Market Create Enough Demand to assure these Cleaner Vehicles/Components are made in Texas.**



Volt – built because of visionary bulk buys



In 2005 a number of publicly owned electric utilities realized their sales were declining with more efficient appliances and houses.

They began to look for ways to increase sales-and began to look at electric vehicles

They put together 13,000 soft orders and 5 years later the Volt was on the street.

Today there are 18 companies making 31 models of electric cars



Using communities' VW investments can create a market for new electric technologies and create local jobs



Autonomous electric passenger shuttles or delivery truck “Last Mile”



Help create demand for electric vehicles or engines Toyota, GM, Peterbuilt or CAT



Batteries

- TESLA Giga factory
- Goodenough II
- Expand demand for Houston made Toshiba vehicle batteries



Create new autonomous freight shuttles being designed by Texas A and M



Texans Working Together Have Made Big Things Happen and Together we can Create New Transportation Options



We created the nation's largest renewable energy boom and reduced electricity costs

Texas now leads the nation in wind production



- More than 21,000 MW of wind
- Wind Industry Employment: 22,000
- Wind Manufacturing Facilities: 40

Solar is expected to grow

- from 14,500 megawatts (MW) to 28,100 MW by 2031



Data AWEA Texas state facts
ERCOT LTSA Dec 2016

We created the Texas Emissions Reduction Program and reduced diesel pollution

- Spent of \$1 billion
- Replaced 17,692 old dirty diesels
- Reduced 171,945 tons of NO_x
- At a fraction of the cost of adding top of the stack emissions controls at industrial facilities



Biannual TERP report
https://www.tceq.texas.gov/assets/public/comm_ecec/pubs/sfr/079-16.pdf

Together We Can:



- Create a vision for a cleaner future
- Make big emissions reductions
- Set tough but attainable goals for using VW funds
- Set tougher 5 year goals
- Do bulk buys to reduce costs
- Work to lure new manufacturers and create jobs to Texas