CORNING

How Regulations Drive Technology Investment & Economic Development

Mark A. Beck Senior Vice President, General Manager Corning Environmental Technologies May 14, 2012 Environmental Technologies



We have looked to the EPA to lead the way in clean-air regulation.

Industry has invested and created jobs in support of EPA initiatives.

We need the EPA to continue to be a global leader for clean air.



Corning Incorporated



Founded: 1851

Headquarters: Corning, New York

Employees: ~29,000 worldwide

2011 Sales: \$7.9 billion

2012 Fortune 500 Rank: 328

Our core strength: glass and ceramic understanding

Display Technology	Telecom	Environmental Technologies	Life Sciences	Specialty Materials
LCD Glass Substrates	Optical Fiber & Cable	Emissions	Cell Culture &	Corning [®] Corilla [®] Class
Glass	Hardware &	Products	Assav & High-	Display Optics
Substrates for	Equipment	gasoline	Throughput	& Components
Performance	 Fiber optic connectivity 	 Light-duty and 	Screening	 Optical
LCD Platforms	products	heavy-duty on- road diesel	 Genomics & Proteomics 	Materials
		vehicles	Conorol	 Optics
		non-road diesel	Laboratory	Aerospace &
		- Stationary	Products	Detense
				 Ophthalmic

CORNING

160-year history of breakthrough technologies



The need for cleaner air



CORNING

Tangible benefits

Los Angeles, California: Today



Mobile emissions control products have prevented

4 billion tons of hydrocarbons

4 billion tons of nitrogen oxides

40 billion tons of carbon monoxide

from entering the air we breathe.

Awarded 2003 National Medal of Technology

"For their pioneering work resulting in the design and manufacture of the cellular ceramic substrate for catalytic converters that enabled auto manufacturers to develop the first commercially mass-produced automotive catalytic converter."



Ronald Lewis, President George W. Bush, Dr. Irwin Lachman, and Dr. Rodney Bagley

Corning[®] Celcor[®] flow-through substrates for gasoline & diesel vehicles







Corning[®] Celcor[®] flow-through substrates for gasoline & diesel vehicles







Corning[®] Celcor[®] flow-through substrates for gasoline & diesel vehicles





Corning[®] DuraTrap[®] particulate filters for diesel vehicles





Corning[®] Celcor[®] flow-through substrates for gasoline & diesel vehicles





Corning[®] DuraTrap[®] particulate filters for diesel vehicles





U.S. initiative becomes worldwide phenomenon







Tightening regulations bring opportunity









Another wave approaching









Impact: High-value manufacturing & technology jobs



Source: MECA membership

Investment cycle: Vision to regulatory implementation





Regulations push societal benefits to higher plateaus



Year



Air quality around the world is still an issue



Cairo, Egypt







EPA leadership can continue to guide global progress

- First-class research in technology and regulatory impact
- First-class regulatory innovation
- Courageous implementation has successfully challenged industry to the betterment of everyone







We have looked to the EPA to lead the way in clean-air regulation.

Industry has invested and created jobs in support of EPA initiatives.

We need the EPA to continue to be a global leader for clean air.

