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### Agenda

- The Ford Plan
- 2010 Highlights/2011 Outlook
- Delivering the Ford Plan/Technology and Experiences
- Connectivity as a Differentiating Experience
- What's in our Connected Future...



#### The Plan



The
"ONE FORD"
Story

#### **ONE TEAM**

People working together as a lean, global enterprise for automotive leadership, as measured by:

Customer, Employee, Dealer, Investor, Supplier, Union/Council, and Community Satisfaction

#### **ONE PLAN**

- Aggressively restructure to operate profitably at the current demand and changing model mix
- Accelerate development of new products our customers want and value
- · Finance our plan and improve our balance sheet
- · Work together effectively as one team

#### **ONE GOAL**

An exciting viable Ford delivering profitable growth for all

#### Expected Behaviors Foster Functional and Technical Excellence

- Know and have a passion for our business and our customers.
- · Demonstrate and build functional and technical excellence
- · Ensure process discipline
- Have a continuous improvement philosophy and practice

#### Own Working Together

- · Believe in skilled and motivated people working together
- Include everyone; respect, listen to, help and appreciate others
- Build strong relationships; be a team player; develop ourselves and others
- · Communicate clearly, concisely and candidly

#### Role Model Ford Values

- · Show initiative, courage, integrity and good corporate citizenship
- · Improve quality, safety and sustainability
- Have a can do, find a way attitude and emotional resilience
- Enjoy the journey and each other; have fun never at others' expense

#### **Deliver Results**

- Deal positively with our business realities; develop compelling and comprehensive plans, while keeping an enterprise view
- Set high expectations and inspire others
- Make sound decisions using facts and data
- Hold ourselves and others responsible and accountable for delivering results and satisfying our customers

www.one.ford.com



#### The Plan

- Aggressively restructure to operate <u>profitably at the current demand and</u> <u>changing model mix</u>
- Accelerate development of new products our customers want and value...to deliver profitable growth for all
  - Serve all markets
  - Complete family of products
  - Best-In-Class design, quality, green, safety, smart
- Finance our plan and improve our balance sheet
- Work together effectively as one team
  - Partner with all stakeholders and each other
  - Have Fun! Celebrate!





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#### 2010 Highlights

- Overall, 2010 marked a pivotal year as Ford launched 24 new or redesigned vehicles in key markets around the world, including:
  - Redesigned Explorer (North American Truck of the Year)
  - New Fiesta,
  - Redesigned Edge and Lincoln MKS in North America
  - 2011 F150 lineup with completely new fuel-efficient engines
  - Redesigned C-MAX and new Grand C-MAX in Europe
  - New Figo in India (Indian Car of the Year)
  - New Ford Focus Launched Globally
- The company also announced more than \$9 billion in global investments for future growth, including \$4.5 billion in North and South America, \$2.9 billion in Europe and \$1.7 billion in Asia Pacific Africa.



#### 2011 Business Environment

- Global economic growth projected to provide a solid foundation for a growing automotive industry
- Strong growth in emerging markets China, India, Brazil, Turkey
- Economic and volume recovery underway in the U.S.
- Economic growth in Europe hampered by debt crisis
- Low interest rate policies in U.S. and Europe supportive of sales gains
- Commodity and other raw material cost trends are being affected by solid global economic growth
- Suppliers are being challenged as growing global demand is exceeding supplier installed capacity (primarily powertrain components)

We expect continued improvement in 2011, driven primarily by our growing product strength, a gradual strengthening global economy and an unrelenting focus on improving the competitiveness of all of our operations – Alan Mulally



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#### 2nd Element of the "One Ford" Plan

- "Accelerate development of new products customers want and value" is achieved through the following:
- A balanced portfolio of products facilitated by using Ford's world class small and medium size vehicles available in other regions
- Product excellence through leadership in fuel economy, quality, safety, and leading edge "comfort and convenience" technology
- Reduction in the number of vehicle platforms, engines, transmissions, and customer offered complexity
- Significant improvement in the profitability of small cars



#### **Global Product Strategy**

- Bold, emotive exterior designs
- Great to drive
- Engaging driving dynamics
- Comfort and convenience of a second home on wheels
- Fuel economy as a reason to buy
- Innovative, class-leading technologies
- Exceptional value

Ford is developing new products customers <u>want</u> and <u>value</u>.



#### **Consumer Trends**

#### Consumer Electronics Association Survey: Tech Wish List

- 1. Voice activated wireless communications (61%)
- 2. Local information displayed on dashboard (58%)
- 3. Connections for digital media players (56%)

"The average driver spends 101 minutes per day on the road."

(University of California)



#### **Top Reasons Drivers Want Technology In Vehicles**

- 1. For entertainment
- 2. To communicate with others
- 3. Others in the car have something to do
- 4. To help make the best use of my time
- 5. For safety reasons
- 6. To stay informed
- 7. To alleviate stress

(Source: Consumer Electronics Association)



#### Delivering the Brand Pillars ...



### Democratization of Technology ...

- To deliver high value content for our customers
- To differentiate our products
- To define our brand and enhance our corporate reputation

Leverage our global volume and scale to deliver relevant and affordable features and technologies to millions of customers around the world.





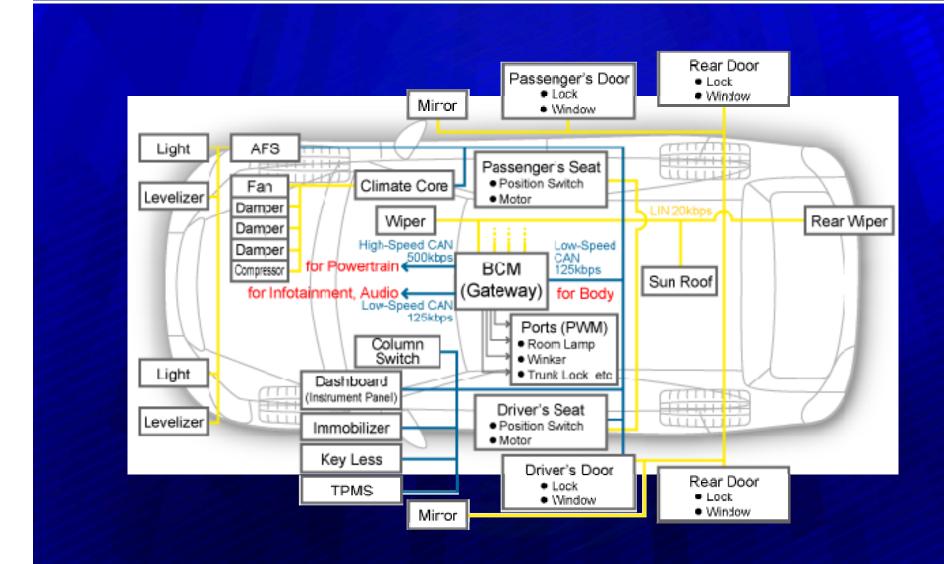
#### Electronics has Been and is Still Growing in Autos

- In 2010, An estimated 30% to 45% of the vehicle value is electronics
- More than 10 Million lines of software code and growing
- More than 40 Electronic μControllers, over 60 on some luxury behicles
- Every subsystem now has electronic controls
  - Powertrain (Engine, Transmission, Hybrid, Battery Electric, Plug-in etc.)
  - Chassis (Brakes, Steering, Roll Stability, etc.)
  - Body (Crash Passive and in the future Active)
  - Body (Lighting, Windows, Locks)
  - Climate Control (Multi Zone, Instant Heat/Cool etc.)
  - Instrumentation
  - Entertainment (Multi-media, Navigation etc.)
- Vehicles now have Wireless Connections for:
  - Remote Entry/Start
  - Tire Pressure Monitoring
  - Bluetooth Phone and Media
  - WiFi





#### Electrical & Electronics on an Average Platform





## The Automotive Electronics Industry























MOTOROLA























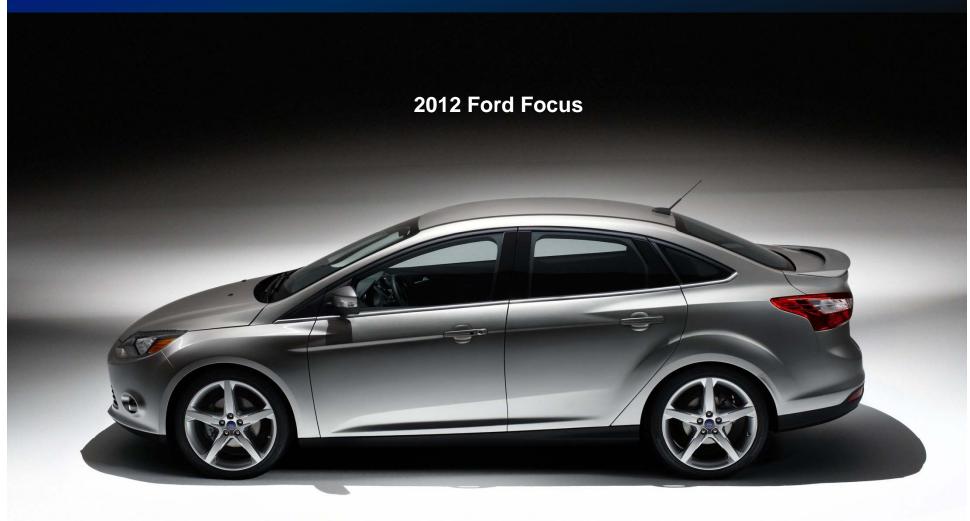








## Technologies & Features





#### 2012 Ford Focus: Driver Assistance & Active Safety



- Focus adds latest driver assistance and active safety technologies
- Focus will be an industry benchmark, even compared to premium products

**DRIVE SAFE** 

Features  Optional Standard C-Segment Leader	Ford New Focus	O O O	1 Series	VOLVO C30	Astra	Golf	7 Series	A8	S-Class
Adaptive Cruise Control (ACC)	_								40
ACC Stop and Go									
Auto High Beam					<b>A</b>			A	
Advanced Front Light									
Active Park Assist									
Speed Limiter	_								
Front/Rear Park Aid		A			A	A		A	
Hill Launch Assist					AO	AO	AO	AO	40
Lane Keeping Aid	_								
Traffic Sign Recognition									
Blind Spot Information System									
Distance Alert									
Driver Alert	_								
Forward Alert/Collision Mit.	_								
Lane Departure Warning	A				<b></b>				
Low Speed Safety System	_								
Pedestrian Recognition									
Emergency Brake Light		40	M9	MA 9				AO	
Tire Pres use Monitoring	AO						À	<b>A9</b>	40
Trailer Stability Control					A				
Number Features Standard	3	1		1	2		1	3	4
Number Features Optional	13	7	3	2	7	5	11	12	8



### Brought-In

- Leveraging existing delivery methods
- "Riding along" with Technology Changes (3G/4G/LTE...)
- Customer Choices and Preferences
- Seamless Home, Personal, Vehicle, Office





#### Built-In

- Human Machine Interface
- Voice Recognition
- Reconfigurable Displays
- Touch screen/Touch Sense
- Coach/Personal Assistant













### **Partnerships**











# MyFord Touch Keeps you Connected



- SYNC debuted on a 2008 Ford Focus.
- Over 3 Million Sync Equipped Vehicles are now on the road
- SYNC and MyFord Touch continue to be a significant strategic product differentiators for Ford.
- Vehicles equipped with SYNC turn twice as fast on dealers' lots as those without.
- Upwards of 70% vehicles we sell are equipped with SYNC
- Exposure to SYNC doubles a person's purchase consideration of Ford.
- SYNC requires no monthly subscription fees.



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urbanization

congestion













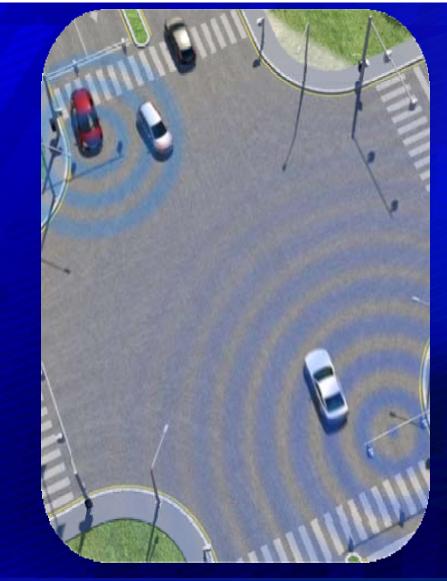
Congestion Costs San Francisco Drivers Annually

49 Hours 39 GALLONS \$1.112

Texas Transportation Institute, (TTI) 2010 Urban Mobility Report





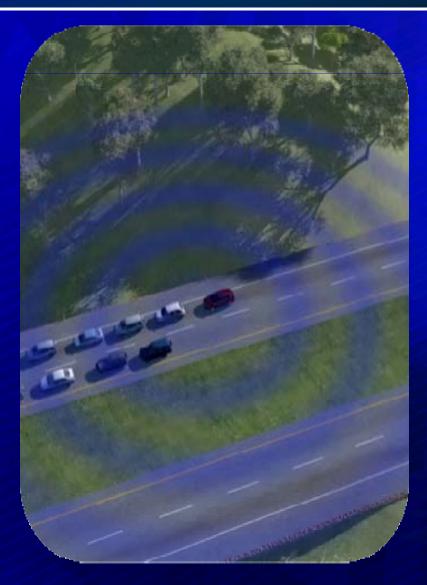


TECHNOLOGY COULD HELP IN

OF LIGHT VEHICLE CRASHES

**Smart Intersections** 





# REDUCE FUEL CONSUMPTION

FROM RELATED TRAFFIC

Caravans/Platooning







### Electronics Playing an Important Role in Automotive

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