# FY2012 2<sup>nd</sup> Quarter Financial Results ended September 30, 2011

October 28, 2011 DENSO CORPORATION



Overview of FY2012 2<sup>nd</sup> Quarter Financial Results

01 / 25

1. Sales and Income decreased from previous year

# 2. Revision of FY2012 forecast

# 3. Dividends increased for 1 yen to 23 yen for the first half period (46 yen for the year)



#### FY2012 2<sup>nd</sup> Quarter Financial Results

02 / 25



				(Unit: Milli	ons of Units)
Foreign Exchange Rate	JPY 81/\$ JPY116/Euro	JPY 80/\$ JPY114/Euro	JPY 89/\$ JPY114/Euro	-JPY 9 -JPY 0	
Domestic Car Production	3.81	3.91	4.78	-0.87	-18.2%
Overseas Car Production of Japanese Manufacturers (North America)	<b>6.18</b> (1.54)	<b>6.69</b> (1.54)	<b>6.42</b> (1.94)	+0.27 (-0.40)	+4.2% (-20.6%)



DENSO CORPORATION All rights reserved,



**DENSO** 

DENSO CORPORATION All rights reserved,

#### Change in 2<sup>nd</sup> Quarter Consolidated Sales





DENSO CORPORATION All rights reserved.

#### Change in 2<sup>nd</sup> Quarter Operating Income 05 / 25 (Unit: Billions of Yen) 124.3 -61.5 Production volume decrease Operating Income -14.5 -8.2 -7.4 Currency exchange +6.7 31.9

-0.2 -15.0 -0.4 Labor loss cost +8.1Raw **Expense Others** material **Depreciation** cost Temporary Variable Operating cost of cost Income earthquake reduction **FY11 2Q YTD FY12 2Q YTD** 





#### **FY2012** Financial Forecast



				(Unit: Milli	ons of Units)
Foreign Exchange Rate	JPY 81/\$ JPY113/Euro	JPY 79/\$ JPY110/Euro	JPY 86/\$ JPY113/Euro	-JPY7 -JPY3	
Domestic Car Production	9.25	9.35	8.99	+0.36	+4.0%
Overseas Car Production of Japanese Manufacturers (North America)	<b>14.26</b> (3.94)	<b>15.19</b> (3.90)	<b>13.45</b> (3.96)	+1.74 (-0.06)	+12.9% (-1.5%)

#### **DENSO**

DENSO CORPORATION All rights reserved,

#### Change in FY2012 Operating Income





© DENSO CORPORATION All rights reserved.





Our Approach for Future Growth: Strengthen business, cost and management



Technology innovations for fuel efficiency/CO2 reduction
 Strengthening of regional competitiveness





Management to maximize group capability
 Challenge mind-set



#### 12 / 25

# **Technology Innovations for Fuel Efficiency/CO2 Reduction**



#### 1. Higher Output Internal Combustion Engine - Gasoline Direct injection -





This information is the exclusive property of DENSO CORPORATION. Without their consent, it may not be reproduced or given to third parties.

#### Starters for Stop/Start System Sales Development

Index: models J<mark>apanese</mark> auto manufacture

14 / 25

Overseas auto manufacture



#### **DENSO**

@DENSQ CORPORATION All rights reserved.



Products highlighted in blue: under development

15 / 25

Satisfy various system needs as a system supplier



#### **Establishment of Low-cost Technology**

Idea of product development

Review of all processes from the design to production Establishment of low-cost technology as a new technical field

#### **Activities for Cost-half product**

1. Optimum	2. Optimum	3. Optimum	4. Promotion of
function	quality	production	localization
- To narrow the function and performance through benchmark activities.	- To loosen quality /performance standard to meet market demand	- Optimum design for local process	<ul> <li>Local material, die and mold, equipment</li> <li>To utilize existing equipment</li> </ul>

#### Improve profitability by competitive product technology



#### **Cost-half Product (23 products)**

Business Groups	Products	Business Groups	Products
Power-train Control Systems	Fuel Injector	Thermal Systems Business Group	Passenger Vehicle Air-conditioning System
Business Group	Ignition coil		Compressors
	Oxygen Sensor		Radiator
	Electronic throttle body sensor		Electric Fan
	Fuel pump module	Electronic Systems Business Group	Engine Electronic Control Units
	VCT (Variable Cam Timing) OCV(Oil flow control valve)	ASMO	Windshield Wiper System
	Supply Pump		Power Window Regulator Motor
Electric Systems Business Group	Alternators	TOYOTA BOSHOKU	Air cleaners
	Starters		Oil Filter
Information & Safety Systems	Instrument Clusters	ANDEN	Relays
Business Group	Car Navigation System	HAMANAKO DENSO	Horn
	Airbag Sensors & Electronic Control Units		

#### **Low-cost Products Sales Development**







**DENSO** 

ODENSQ CORPORATION All rights reserved

#### **Expansion of Indonesia business**



#### **DENSO Strategy in ASEAN**

Reconstruction supply system to demand expansion and localization in Indonesia, and promote sales expansion

Supply System:

Complement components to each other and Concentrate production in Thailand

Expand product item in Indonesia, increasing market

 $\rightarrow$ Thailand and Indonesia are two major production bases



# Strengthening of regional competitiveness

(2) " Monozukuri " in Japan

Competitiveness to deliver advanced products globally - Develop high value-added products timely, and continue to provide them globally.

**Competitiveness to resist imports pressure** 

- Develop leading-edge production technologies, and introduce them into domestic operations

Continue research and development of advanced technologies in Japan

Enhance competitiveness of whole supply chain

Build the outstanding factory to survive in Japan

# **Outstanding "Monozukuri"**

#### ♦ Develop low-cost compact 1/N machines to enhance productivity



♦ Improve productivity of whole supply chain

- Improve logistics of procurement and delivery
- Introduce new technologies to suppliers



Sales Target





#### **Return to Shareholders**



25 / 25



#### Appendix

- Non-Consolidated Financial Results
- **Pre-Conditions** (Foreign Exchange Rate/Car Production)
- Consolidated Sales by Customer
- Consolidated Sales by Business Segment
- Capital Expenditures, Depreciation and R&D

## Overview of FY2011 2<sup>nd</sup> Quarter Financial Results

#### **Income Statements**

#### (Ratio to Sales)

#### (Unit:Billions of Yen,%)

Account		FY2011 2Q YTD		FY2010 2Q YTD		Change		FY2011 Forecast					Change from FY10					
Account		FIZUIIZ		,	1120	0 20		Amount	Percent	Fo	Forecast as of Aug.1		Forecast as of Oct. 28		Amount	Percent		
Net Sales	(	100.0	886	.0	( 100.	0)	997.5	-111.5	-11.2	(	100.0 )	1,990.0	(	100.0	)	2,020.0	74.3	3.8
Cost of Sales	(	93.7	) 829	.8	( 89.	0)	887.8	-57.9										
SGA Expenses	(	6.7	) 59	.6	( 6.	8)	68.3	-8.7										
Operating Income	(	-0.4	) -3	.4	( 4.	2)	41.4	-44.8	-	(	1.3)	25.0	(	1.4	)	29.0	-6.8	-19.0
Non-Operating Income			40	.7			36.7	4.0				50.0				54.0	-2.5	
Extraordinary Income (Loss)			-0	.0			-0.0	0.0				-0.0				-0.0	0.0	
Income Before Income Taxes	(	4.2	) 37	.3	(7.	8)	78.1	-40.9	-52.3	(	3.8)	75.0	(	4.1	)	83.0	-9.3	-10.1
Net Income	(	4.2	) 37	.2	( 5.	8)	57.8	-20.6	-35.7	(	3.3)	66.0	(	3.6	)	72.0	-0.8	-1.1

#### Pre-Conditions (Foreign Exchange Rate/Car Production)

			FY	2012 First-	Half			FY20	12 Secon	d-Half			FY2	2012 Full	Year	
	Forecast as of Apr.28	Forecast as of Aug.1	Actual	Change	Prior Year	Forecast as of Apr.28	Forecast as of Aug.1	Revised Estimate	Change	Prior Year	Forecast as of Apr.28	Forecast as of Aug.1	Revised Estimate	Change		
Foreign Exchange		89	81	81	80	- 9	83	80	80	77	- 6	86	81	81	79	- 7
Rate (Yen)	EUR	114	116	116	114	- 0	112	110	110	105	- 7	113	113	113	110	- 3
Forex Impact on Operating Income	USD											3.0	-	2.9	2.7	- 0.3
per Yen (Billions of Yen)	EUR											0.7	-	0.8	0.7	0
Car Production of	Domestic	4.78	-	3.81	3.91	- 18%	4.21	-	5.44	5.44	+ 29%	8.99	-	9.25	9.35	+ 4%
Japanese Manufacturers	North Americ	1.94	-	1.54	1.54	- 21%	2.02	-	2.40	2.36	+ 17%	3.96	-	3.94	3.90	- 2%
(Millions of Units)	Overseas	6.42	-	6.18	6.69	+ 4%	7.04	-	8.07	8.50	+ 21%	13.45	-	14.26	15.19	+ 13%

### Consolidated Sales by Customer

						<u>(Onit. L</u>	
		FYZ	2012	FYZ	2011	Cha	ngo
		ended Se	pt.30,2011	ended Sej	ot.30,2010	Cha	nge
		Amount	% to Total	Amount	% to Total	Amount	Percent
	Toyota	574.9	40.8	731.0	46.0	-156.1	-21.4
	Daihatsu	40.8	2.9	45.5	2.8	-4.8	-10.5
	Hino	21.3	1.5	19.1	1.2	2.3	11.9
	Toyota Group	637.0	45.2	795.6	50.0	-158.6	-19.9
Γ	Honda	82.1	5.8	109.6	6.9	-27.6	-25.2
	Suzuki	37.1	2.6	41.3	2.6	-4.2	-10.3
	Fuji	22.0	1.6	29.8	1.9	-7.7	-26.0
	Mazda	25.3	1.8	29.8	1.9	-4.5	-15.2
	Mitsubishi	23.4	1.7	21.6	1.4	1.8	8.5
	Isuzu	21.4	1.5	20.8	1.3	0.6	2.7
	Nissan	15.9	1.1	14.7	0.9	1.2	7.9
	GM	42.1	3.0	49.6	3.1	-7.5	-15.2
	Ford	33.0	2.4	29.0	1.8	4.0	13.7
	Chrysler	25.7	1.8	25.1	1.6	0.5	2.2
	VW/AUDI	30.3	2.2	23.4	1.5	6.9	29.7
	Benz	10.5	0.7	9.5	0.6	0.9	10.0
	BMW	14.9	1.1	12.6	0.8	2.3	18.1
	Fiat	42.9	3.0	43.4	2.7	-0.4	-1.0
	PSA	8.2	0.6	7.9	0.5	0.3	3.9
	Land Rover	7.4	0.6	8.9	0.6	-1.5	-16.7
	Hyundai/Kia	37.1	2.6	33.9	2.1	3.2	9.5
	OE Sales for others	123.1	8.7	116.9	7.4	6.2	5.3
_	OEM Total	1,239.4	88.0	1,423.4	89.6	-184.1	-12.9
	After-market,	169.8	12.0	166.2	10.4	3.6	2.2
	New business & Others						
	Total	1,409.1	100.0	1,589.6	100.0	-180.4	-11.4

#### (Unit: Billion of Yen)



**©DENSO CORPORATION All rights reserved**,

#### **Consolidated Sales by Business Segment**

(Unit: Billion of Yen)

		2012 pt.30,2011	FY2 ended Sep	2011 pt.30,2010	Cha	inge	
	Amount	% to Total	Amount	% to Total	Amount	Percent	
Thermal	433.5	30.8	489.6	30.8	-56.1	-11.5	
Powertrain Control	365.1	25.9	383.2	24.1	-18.1	-4.7	
Information & Safety Systems	215.9	15.3	274.0	17.2	-58.1	-21.2	
Electric	128.3	9.1	136.4	8.6	-8.1	-5.9	
Electronic	123.7	8.8	146.1	9.2	-22.3	-15.3	
Small Motors	98.6	7.0	118.9	7.5	-20.3	-17.1	
Others(*1)	16.5	1.2	16.2	1.0	0.3	2.1	
Automotive Total	1,381.6	98.1	1,564.3	98.4	-182.7	-11.7	
Industrial & Consumer Product	22.8	1.6	20.7	1.3	2.1	10.2	
Others(*2)	4.7	0.3	4.6	0.3	0.1	2.6	
New Business Total	27.5	1.9	25.3	1.6	2.2	8.8	
Total	1,409.1	100.0	1,589.6	100.0	-180.4	-11.4	

#### Capital Expenditures, Depreciation and R&D

			_		(Unit: Bill	ion of Yen)
	2QYTD	FY11	2QYTD	FY12 Estimate	2Q YTD Change from PY	Progress to FY12 Estimate
Japan	46.5	95.5	48.9	95.0	5.2%	51.5%
North America	4.2	9.1	4.6	11.0	9.5%	41.8%
Europe	4.7	12.1	8.8	19.0	87.2%	46.3%
Asia & Oceania	11.1	22.8	19.9	45.0	79.3%	44.2%
Others	3.3	5.5	3.4	7.0	3.0%	48.6%
Capital Exp.	69.8	145.1	85.6	177.0	22.6%	48.4%
Japan	65.7	142.2	61.1	132.0	-7.0%	46.3%
North America	9.0	17.1	7.8	17.0	-13.3%	45.9%
Europe	6.4	12.4	5.9	14.0	-7.8%	42.1%
Asia & Oceania	10.0	19.4	9.6	21.0	-4.0%	45.7%
Others	1.0	2.0	1.0	2.5	0.0%	40.0%
Depreciation	92.1	193.1	85.4	186.5	-7.3%	45.8%
R&D Expenditure (Ratio to Sales)	141.1 (8.9%)	290.1 (9.3%)	148.0 (10.5%)	285.0 (9.0%)	4.9%	51.9%

