

May 10, 2010

JX Holdings, Inc.

## **JX Group: Medium-Term Management Plan and Long-Term Vision**

—Become a world's leading  
integrated energy, resources and materials business groups—

JX Holdings, Inc., based on the Group's Mission Statement, is seeking to become a world's leading "integrated energy, resources and materials business groups" with its businesses in Petroleum Refining & Marketing, Oil and Natural Gas Exploration & Production (E&P), and Metals Businesses, by the optimal allocation of its management resources. To this end, the company has formulated the Medium-term Management Plan that sets management targets and strategies for the three-year period from fiscal 2010, and a Long-Term Vision that the JX Group to achieve by around fiscal 2020.

The JX Group will achieve full-fledged group structure on July 1, 2010, with the establishment of three core operating companies (JX Nippon Oil & Energy Corporation, JX Nippon Oil & Gas Exploration Corporation, and JX Nippon Mining & Metals Corporation).

### 1. Outline of the Mid-Term Management Plan (FY 2010-2012)

#### (1) Basic Policy

With emphasis on the concept of "Best Practices," dramatically transform the Petroleum Refining & Marketing Business by realizing integration synergies and rigorously reducing costs, and maximize corporate value by allocating management resources to highly profitable operations on a priority basis.

Note: Refer to the attachment for information on basic strategies and major tasks for core businesses.

#### (2) Key Factors (FY 2012)

- a) Exchange rate : 90 ¥/\$1
- b) Crude oil price (Dubai) : 80 \$/barrel
- c) Copper price (LME) : 280 ¢/lb

#### (3) Targets (FY 2012)

- a) Ordinary Income : ¥ 300.0 billion or more
- b) ROE : 10% or higher
- c) Net Debt / Equity ratio : 1.0 times
- d) Capital expenditure and investments  
: ¥ 960.0 billion (FY 2010-2012 total)  
Of which, ¥690.0 billion in strategic investments
- e) Dividend policy : Redistribute profits by reflecting consolidated business results while striving to remain stable dividends

## (4) Profit Plan (Ordinary Income) (JPY billion)

	FY 2009 <sup>*1</sup> (Actual)	FY 2010 (Forecast)	FY 2012 (Plan)
Exchange rate (¥/\$)	93	90	90
Crude oil FOB (Dubai spot, \$/bbl) <sup>*2</sup>	67	80	80
Copper price (LME, ¢/lb)	277	280	280
Net sales	9,008.0	9,160.0	9,360.0
Operating income	130.4	170.0	275.0
Ordinary income (Excluding inventory valuation)	187.3 (15.3)	220.0 170.0	330.0 330.0
1) Refining & Marketing (of which, inventory valuation)	66.0 201.8	92.0 50.0	163.0 -
2) E&P of Oil and Natural Gas	49.0	57.0	61.0
3) Metals (of which, inventory valuation)	47.4 2.0	53.0 -	82.0 -
4) Listed subsidiaries <sup>*3</sup> and Others	24.9	18.0	24.0
Net income	73.1	270.0	175.0
Negative goodwill impact	-	180.0	-
ROE (%)	4.8	5.6 <sup>*4</sup>	10.0
Net Debt / Equity ratio (times)	1.3	1.3	1.0

Reference information: Fiscal 2015 ordinary Income (forecast): ¥500 billion. (Breakdown: Refining & Marketing: ¥200 billion; E&P of Oil and Natural Gas: ¥115.0 billion; Metals: ¥160 billion, Listed Subsidiaries and Others: ¥25 billion; Contribution from non-petroleum businesses: Approx. 40%. Assumption: Exchange rate 90¥/\$, Crude oil price 90\$/barrel, Copper price 300¢/lb.)

\*1: Unaudited pro forma combined financial results of Nippon Oil and Nippon Mining

\*2: Average from March to February of the next year (nearly equal to arrived crude cost)

\*3: NIPPO and Toho Titanium

\*4: Excluding negative goodwill

## (5) Capital Expenditures and Investments (JPY billion)

	FY 2010-12 total (plan)	Breakdown:		Depreciation & amortization
		Strategic investments	Regular investments	
1) Refining and Marketing	300.0	150.0	150.0	375.0
2) E&P of Oil and Natural Gas	320.0	320.0	-	148.0
3) Metals	300.0	220.0	80.0	82.0
4) Listed subsidiaries and Others (Maintenance and others)	40.0	-	40.0	51.0
Total	960.0	690.0	270.0	656.0

## 2. Outline of the Long-term Vision

(1) Make a major leap forward to become a world's leading integrated energy, resources, and materials business groups with activities including new energy business.

1) Transform existing operations into world-class businesses, and establish profitability on new energy business.

2) Build sustainable business structure against market fluctuation, and continue strategic investment in growth areas.

### (2) Vision for Each Business

1) Refining & Marketing: Slim, robust production operations aligned with demand (Goal: Refining capacity of 1 million barrels/day)

2) E&P of Oil and Natural Gas: Become an oil and natural gas E&P company that achieves sustained growth on the basis of operatorship (Goal: produce 200 thousand barrels/day of crude oil and natural gas (equity basis))

3) Metals: Securement of resources and business development to meet societies' Eco needs (Goal: Equity entitled copper mine production ratio of 80%)

4) New Energy: Establish profitability (Goal: Fuel cell unit sales of 300 thousand units/year (including exports))

## Attachment

### Basic Strategies and Major Tasks for Core Businesses in the Medium-term Management Plan (FY 2010-12)

- Refining & Marketing: Dramatically transform the business
  - Dramatically transform the business: Realize integration synergies; Develop the No.1 competitiveness of Refining & Marketing in Japan; Enhance overseas business to meet increasing demand in Asia; Develop new energy business.
  - Realize integration synergies ahead of original plan: Realize annual benefits of ¥80.0 billion by the end of March 2013 (¥20 billion more than original plan); Aim to realize annual benefits of ¥100 billion ahead of original plan of realizing it by March 31, 2015.
  - Enhance efficiency of refineries: Realize annual improvement of ¥29 billion by the end of March 2013 on top of integration synergy benefits.
  - Reduce refining capacity: Streamline Japan's leading oil refinery operation ahead of a demand decline. Reduce refining capacity by 400,000 barrels/day by March 31, 2011, as planned, maintain high utilization rate (Approx. 95% excluding the impact of periodic repair). Further capacity reduction of 200,000 barrels/day by the end of March 2014 (one year ahead of original schedule; consider further accelerating capacity reduction depending on the supply/demand environment).
  - Formulate a growth strategy for the future: Increasing petrochemicals production (paraxylene, specialty & performance chemicals, etc.); Bolster refinery competitiveness; Restructure the LPG business; Forge ahead in new energy businesses (fuel cells, solar cells, storage cells); Expand the overseas lubricants business; Expand the energy solutions businesses; and so on.
  - Raising profitability: ¥300 billion improvement in ordinary income(excluding inventory valuation) in FY 2012 (vs. FY2009).
  - Disciplined investments: Disciplined investments equivalent to around 80% of depreciation and amortization.
- E&P of Oil and Natural Gas: Maintain and expand production over the medium/long term
  - Lay the groundwork for growth:
    - Reserve replacement & expansion: Primarily through exploration, and increase future production; Asset acquisition with (comprehensive pre-investment) risk analysis.
    - Pursuit of additional development projects: Pursuit of additional development mainly on core countries of operation.
    - Involvement in new technologies: Apply the knowledge accumulated as na operator; Involvement in new technologies for enhanced oil recovery etc.
  - Restructuring the asset portfolio: Allocate resources with a focus on core countries of operation (Vietnam, Malaysia, the UK (North Sea)).
  - Investment: Total of ¥320.0 billion over three years.

- Metals:

Resource development / smelting & refining: Development of a balanced, highly profitable business structure by increasing the equity entitled copper mine production.

Recycling & environmental services and electronic materials, etc.: Product development and market creation targeting growth sectors.

- Mine development: Casalones Mine in Chile (construction phase); Quechua Mine in Peru (FS phase).
- Development of new copper-refining technology: Develop technology for the N-Chlo Process for low-grade ore and biomining technologies. Use technological advantage to expand range of potential mining interests.
- Product development and market creation targeting growth sectors:
  - Recycling & Environmental Services: Put the Hitachi Metal Recycling Complex (HMC) plant into full operation; Quickly bring overseas scrap collecting facility (Taiwan) up to full strength; Develop and commercialize used-battery recycling technologies.
  - Electronic materials: Increase HA foil sales; Enhance rolled copper foil performance; Increase market share of target material in leading-edge semiconductor lines; Enhance copper sheet & strip business through the integrated "Rolling + Plating + Pressing" structure after integration of Nikko Fuji Electronics and acquisition of Sanyu Electronic; Commercialize UBM plating; Commercialize cathode materials for automotive lithium-ion batteries; etc.
  - Polysilicon for photovoltaic power generation: Promote Japan Solar Silicon (JSS) business.
- Investment: Total of ¥300.0 billion (of which ¥200.0 billion in Resource Development) over three years.