

# Directors and Audit & Supervisory Board Members

(As of July 1, 2017)

## Directors



### Yoshiaki Nakazato

President and Representative Director  
 April 1976 Joined the Company  
 December 1997 General Manager of Administration Dept., Electronics Div.  
 June 2004 General Manager of Corporate Planning Dept.  
 June 2005 Executive Officer  
 June 2006 Director  
 June 2007 General Manager of Affiliated Business Administration Dept.  
 June 2008 Managing Executive Officer  
 General Manager of Advanced Materials Div.  
 October 2008 General Manager of Semiconductor Materials Div.  
 June 2009 Executive Officer  
 General Manager of Advanced Materials Div.  
 June 2010 Managing Executive Officer  
 June 2012 Representative Director  
 Senior Managing Executive Officer  
 June 2013 President and Representative Director (Present Position)

### Takeshi Kubota

Representative Director, Executive Vice President  
 April 1977 Joined the Company  
 June 2004 General Manager of Nickel Business Unit, Non-Ferrous Metals Div.  
 October 2005 General Manager of Nickel Sales & Raw Materials Dept., Non-Ferrous Metals Div.  
 June 2006 Executive Officer  
 Senior Deputy General Manager of Non-Ferrous Metals Div.  
 June 2007 General Manager of Non-Ferrous Metals Div.  
 June 2009 Managing Executive Officer  
 Director  
 Senior Managing Executive Officer  
 Resigned Director  
 President of Sumitomo Metal Mining Philippine Holdings Corporation  
 Chairman of Sumitomo Metal Mining Philippine Holdings Corporation (Present Position)  
 Representative Director (Present Position)  
 Executive Vice President (Present Position)

### Harumasa Kurokawa

Director, Senior Managing Executive Officer, General Manager of Materials Div.  
 April 1981 Joined the Company  
 June 2004 General Manager of Toyo Smelter & Refinery, Copper & Precious Metals Business Unit, Non-Ferrous Metals Div.  
 January 2007 General Manager of Niihama Nickel Refinery, Non-Ferrous Metals Div.  
 April 2008 General Manager of Administration Dept., Non-Ferrous Metals Div.  
 June 2011 Executive Officer  
 Senior Deputy General Manager of Non-Ferrous Metals Div.  
 June 2013 Senior Deputy General Manager of Technology Div.  
 June 2014 Managing Executive Officer  
 General Manager of Technology Div.  
 June 2017 Director (Present Position)  
 Senior Managing Executive Officer (Present Position)  
 General Manager of Materials Div. (Present Position)

### Akira Nozaki

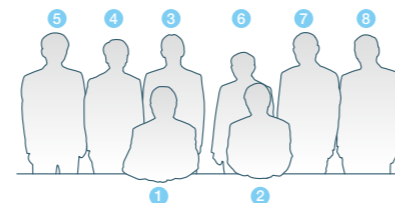
Director, Managing Executive Officer, General Manager of Non-Ferrous Metals Div.  
 April 1984 Joined the Company  
 July 2010 Corporate Planning Dept.  
 May 2012 Administration Dept., Sierra Gorda Project Dept.  
 June 2013 Executive Officer  
 Senior Deputy General Manager of Non-Ferrous Metals Div.  
 June 2014 Director (Present Position)  
 General Manager of Corporate Planning Dept.  
 General Manager of Non-Ferrous Metals Div. (Present Position)  
 June 2015 Managing Executive Officer (Present Position)

### Tsutomu Ushijima

Outside Director  
 April 1976 Registered as a lawyer  
 April 1982 Established Ushijima Law and Tax Accountant Firm  
 June 1982 Registered as a certified public tax accountant  
 January 1994 Established Ushijima Teramae Law Firm (current Ushijima, Teramae & Wada Law Firm)  
 June 2003 Audit & Supervisory Board Member of the Company  
 June 2007 Director of the Company (Present Position)

### Hitoshi Taimatsu

Outside Director  
 April 1979 Research Associate of the Mining College of Akita University  
 October 1988 Lecturer of the Mining College of Akita University  
 April 1990 Associate Professor of the Mining College of Akita University  
 April 1994 Professor of the Mining College of Akita University  
 April 1998 Professor of the Faculty of Engineering and Resource Science of Akita University  
 April 2006 Director of the Radiosotope Research Center of Akita University  
 April 2008 Member of the Education and Research Council of Akita University, Vice Dean of the Faculty of Engineering and Resource Science of Akita University  
 April 2010 Professor of the Graduate School of Engineering and Resource Science of Akita University, Vice Dean of the Graduate School of Engineering and Resource Science of Akita University  
 June 2015 Director of the Company (Present Position)  
 April 2016 Professor of the Graduate School of Engineering Science of Akita University  
 April 2017 Visiting professor of Akita University (Present Position)



- 1 Yoshiaki Nakazato
- 2 Takeshi Kubota
- 3 Harumasa Kurokawa
- 4 Akira Nozaki
- 5 Hiroshi Asahi
- 6 Tsutomu Ushijima
- 7 Hitoshi Taimatsu
- 8 Kazuhisa Nakano

### Hiroshi Asahi

Director, Executive Officer, General Manager of Mineral Resources Div.  
 April 1982 Joined the Ministry of International Trade and Industry (current Ministry of Economy, Trade and Industry)  
 April 2008 Director for Technology Affairs of the Ministry of Economy, Trade and Industry  
 March 2010 Deputy Director-General for Energy and Environment of the Ministry of Economy, Trade and Industry  
 July 2012 Director-General for Technology Policy Coordination of the Ministry of Economy, Trade and Industry  
 June 2013 Left the Ministry of Economy, Trade and Industry  
 October 2013 Joined the Company  
 Engineering Dept., Mineral Resources Div.  
 Executive Officer (Present Position)  
 Senior Deputy General Manager of Mineral Resources Div.  
 June 2014 Executive Officer (Present Position)  
 Senior Deputy General Manager of Mineral Resources Div.  
 June 2017 Director (Present Position)  
 General Manager of Mineral Resources Div. (Present Position)

### Kazuhisa Nakano

Outside Director  
 April 1971 Joined Idemitsu Kosan Co., Ltd.  
 April 2003 Executive Officer and General Manager of Personnel Department of Idemitsu Kosan Co., Ltd.  
 June 2004 Director of Idemitsu Kosan Co., Ltd.  
 June 2005 Managing Director of Idemitsu Kosan Co., Ltd.  
 June 2007 Executive Vice President and Representative Director of Idemitsu Kosan Co., Ltd.  
 June 2009 President and Representative Director of Idemitsu Kosan Co., Ltd.  
 June 2013 Chairman and Representative Director of Idemitsu Kosan Co., Ltd.  
 June 2015 Executive Advisor of Idemitsu Kosan Co., Ltd.  
 June 2016 Director of the Company (Present Position)  
 June 2017 Retired from Executive Advisor of Idemitsu Kosan Co., Ltd.

## Audit & Supervisory Board Members



### Kazushi Ino

Senior Audit & Supervisory Board Member (Standing)  
 April 1982 Joined the Company  
 December 2010 General Manager of Administration Dept., Advanced Materials Div.  
 June 2012 General Manager of Legal & General Affairs Dept.  
 June 2014 Executive Officer  
 Senior Deputy General Manager of Materials Div.  
 June 2017 Senior Audit & Supervisory Board Member (Standing)  
 (Present Position)

### Junichi Kondo

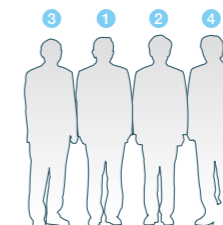
Outside Audit & Supervisory Board Member  
 April 1973 Joined Export-Import Bank of Japan  
 April 1999 Director of General, Administration and General Services Department of Export-Import Bank of Japan  
 October 1999 Director of Corporate Finance Department of Japan Bank for International Cooperation (JBIC) (which was formed as a result of integration between the former Export-Import Bank of Japan and the former Overseas Economic Cooperation Fund)  
 April 2001 Director of Personnel Department of JBIC  
 November 2002 Executive Director of JBIC  
 October 2003 Resident Executive Director, Osaka Branch of JBIC  
 October 2005 Senior Executive Director of JBIC  
 September 2007 Resigned from Senior Executive Director of JBIC  
 January 2008 Corporate Advisor of Tokyo Electric Power Company, Incorporated  
 February 2012 Corporate Advisor of ITOCHU Corporation  
 January 2015 President and Representative Director of Japan Institute for Overseas Investment (Present Position)  
 June 2016 Audit & Supervisory Board Member of the Company (Present Position)

### Yasuyuki Nakayama

Audit & Supervisory Board Member (Standing)  
 April 1982 Joined the Company  
 June 2001 Finance & Accounting Dept.  
 April 2012 General Manager of Administration Dept., Semiconductor Materials Div.  
 July 2012 General Manager of Semiconductor Materials Business Unit, Materials Div.  
 October 2014 President and Representative Director of Shinko Co., Ltd.  
 June 2016 Audit & Supervisory Board Member (Standing)  
 (Present Position)

### Yuichi Yamada

Outside Audit & Supervisory Board Member  
 March 1988 Registered as a certified public accountant  
 August 2003 Partner of ASAH & Co. (current KPMG AZSA LLC)  
 June 2008 Board Member of KPMG AZSA & Co. (current KPMG AZSA LLC)  
 June 2016 Left KPMG AZSA LLC upon reaching mandatory retirement age  
 July 2016 Established Yuichi Yamada Certified Public Accountant Firm  
 June 2017 Audit & Supervisory Board Member of the Company (Present Position)



- 1 Kazushi Ino
- 2 Yasuyuki Nakayama
- 3 Junichi Kondo
- 4 Yuichi Yamada

## Executive Officers

An asterisk indicates the officer is also serving concurrently as a director.

### President

\* **Yoshiaki Nakazato**  
 In charge of Corporate Planning Dept.

### Executive Vice President

\* **Takeshi Kubota**  
 In charge of Legal & General Affairs Dept., Secretarial Dept., Internal Audit Dept., Information System Dept.

### Senior Managing Executive Officer

\* **Harumasa Kurokawa**  
 General Manager of Materials Div., in charge of Ome District Div.

### Managing Executive Officers

\* **Akira Nozaki**  
 General Manager of Non-Ferrous Metals Div., in charge of Osaka Branch

### Hiroki Kadoya

Senior Deputy General Manager of Materials Div.

### Hiroyuki Asai

General Manager of Public Relations & Investor Relations Dept., in charge of Purchasing Dept.

### Executive Officers

**Hirohisa Oda**  
 Senior Deputy General Manager of Mineral Resources Div. (Posted in Chile)

### Masahiro Morimoto

General Manager of Finance & Accounting Dept.

### Masaki Imamura

General Manager of Technology Div.

### \* Hiroshi Asahi

General Manager of Mineral Resources Div.

### Atsushi Idegami

Senior Deputy General Manager of Materials Div.

### Shuichi Yasukawa

General Manager of Human Resources Development Dept., General Manager of Personnel Dept.

### Fumio Mizuno

General Manager of Engineering Div.

### Atsushi Kaikake

General Manager of Safety & Environment Control Dept., in charge of Quality Assurance Dept.

### Nobuhiro Matsumoto

Senior Deputy General Manager of Non-Ferrous Metals Div.

### Fumikazu Oshita

Senior Deputy General Manager of Mineral Resources Div.

### Masahiro Kamiya

Senior Deputy General Manager of Non-Ferrous Metals Div.

### Isao Abe

Senior Deputy General Manager of Materials Div.

### Takahiro Kanayama

General Manager of Besshi-Niihama District Div.