

2011 APMA Activities

April 27, 2012

1. The 3rd Board Meeting

October 31, 2011 at the 3rd Board Meeting in Jeju

2. Participants

Board Members

President	Mr. Isamu Kikuchi (JPMA, Japan)
Director	Prof. Jai-Sung Lee (KPMI, Korea)
Director	Mr. Chiu-Lung Chu TPMA, Taiwan)
Auditor	Mr. Yutaka Mizuno, President (JSPM, Japan)
Secretariat	Mr. Kazunori Arai (APMA)
Interpreter	Mr. Takashi Saito

Members Association

JPMA (Japan)	Mr. Yoshiyasu Iino, President
JSPM (Japan)	Prof. Hideshi Miura, Mr. Yoshihiro Takayama, Executive Director
KPMA (Korea)	Mr. Chang Whan Bae, President, Mr. Deog-Joe Kim, Director Mr. Kun Jin Lee, Vice President
KPMI (Korea)	Prof. Byoung Kee Kim, President Dr. Yoo-Dong Hahn, Senior Vice President Prof. Youg Do Kim, Ph.D., Vice President Prof. Jung-Ho Ahn, Vice President
TPMA (Taiwan)	Prof. Wen Cheng Chang, President, Prof. Kuen-Shyang Hwang
PMIA (India)	Mr. N. Gopinath, Vice President

Observer

SATIPM (China)	Dr. Cai Rang, Director-General Prof. Wang Chonglin (Institute of Metal Research, Chinese Academy of Science) Dr. Yu Yang (General Manager of Xiamen Honglu Tungsten Molybdenum Industry Co., Ltd.)
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PMA (Australia)	Prof. Ma Qian, Chairman
MPM ² A (Malaysia)	Prof. Norhamidi Muhamad, President

3. Conclusion

2009-2010 Finance and 2011 Budget was approved.

Confirmation of the PM2012 cooperation

Discussion of Prospective Country to host PM 2018 Asia Conference

The APMA join of China was approved.

Prospective APMA 2013 Conference Site



PM PRODUCTION IN ASIA

○ PM Production

Source: PMAI, KPMI, TPMA (APMA members) and Powder Metallurgy Association of China General Machine Components Industry Association (CMPMA)

AREA		2009	2010	2011	11/10(%)
Japan	Iron-base	72,221	90,912	93,538	102.9
	Copper-base	2,419	3,326	3,567	107.2
	Total	74,640	94,238	97,105	103.0
China	Iron-base	90,371	128,185	134,544	105.0
	Copper-base	5,579	8,961	8,884	99.1
	Total	95,950	137,146	143,428	104.6
Korea	*Iron-base	42,752	58,355	625,433	107.2
	Copper-base	731	1,758	1,318	75.0
	Total	43,483	60,113	63,861	106.2
Taiwan	Iron-base	18,000	24,000	27,000	112.5
	Copper-base	1,800	1,800	1,800	100.0
	Total	19,800	25,800	28,800	116.3
India	Iron-base	26,500	31,200	35,400	113.5
	Copper-base	12,500	13,700	14,500	105.8
	Total	39,000	44,900	49,900	111.1
Malaysia	Iron-base	4,811	6,123	6,009	98.1
	Copper-base	163	133	162	121.8
	Total	4,974	6,256	6,171	98.7
Singapore	Iron-base	1,067	1,595	1,744	109.3
	Copper-base	495	636	674	106.0
	Total	1,562	2,231	2,418	108.4
Thailand	Iron-base	9,837	15,350	15,401	100.3
	Copper-base	21	29	145	500.0
	Total	9,858	15,379	15,546	101.1
Total	Iron-base	265,559	355,720	376,179	103.4
	Copper-base	23,708	30,343	31,050	101.3
	Total	289,267	386,063	407,229	102.5

*Included "Others"

○ Application Field Ratio of PM Production (2011) (%)

AREA	For Transportation Machines	For Industrial Machines	For Electrical Machines	For Others
Japan	92	4	3	1
China	56	2	32	10
Korea	90	0	4	6
Taiwan	35	39	16	10
India	77	6	15	2
Malaysia	63	2	35	0
Singapore	43	6	51	0
Thailand	89	4	7	0