

## 2018 APMA Activities

### The 10th Board Meeting

Date : Tuesday 18 September 2018 10:00-12:00

Venue : 402A, China National Convention Center, Beijing, China

Participants :

#### APMA Board Member

President	Chiu-Lung Chu (TPMA, Taiwan)
Director	Rang Cai (CPMA, China)
Director	Yoichi Inoue (JPMA, Japan)
Director	Kun Jin Lee (KPMA, Korea)
Director	N. Gopinath (PMAI, India)
Secretariat	Takashi Saito (JPMA, Japan)

#### Attendant of APMA Members Association

APMA(Japan)	Isamu Kikuchi (Former President)
CPMA(China)	Rang Cai (President) Han Wei (Secretary General), Yang Yu (Vice Secretary General) Chonglin Wang (Consultant)
CPMS(China)	Baiyun Huang (President) Xiang Xiong (Executive Director), Yon Liu (Secretary General)
JPMA(Japan)	Yoichi Inoue (President) Takashi Saito (Executive Director), Yusuke Watanuki (Manager) Motonobu Isaka (Chairman of Committee for Administration)
JSPM(Japan)	Yoko Inoue (Secretary General)
KPMA(Korea)	Kun Jin Lee (President) Joon Park (Secretary General)
KPMI(Korea)	Chang Kyu Rhee (President) Jai Sung Lee (Former President), Hyoung Seop Kim (President-Elect)
PMAI(India)	N.Gopinath (President) Aniket Gore (Vice President), Deepak Grover (Vice President)
TPMA(Taiwan)	Sea Fue Wang (President) Ming Wei Wu (Secretary General)
ThaiPMA(Thailand)	Boon Teeraprawatekul (Secretary General)

#### Conclusions

- \*2017 Finance and 2018 Budget was approved
- \*Report of APMA2019 India
- \*Next APMA2021 Conference is decided to be held in Korea
- \*Next WORLD PM2024 Conference is decided to be held in Japan

## PM Production in Asia

PM Production (Source JPMA, PMAI, KPMI, TPMA and CMPMA)

(Metric Tons)

AREA		2016	2017	2018	18/17(%)
Japan	Iron-base	88,145	92,166	92,283	100.1
	Copper-base	3,121	3,059	3,026	98.9
	Total	91,266	95,225	95,309	100.1
China	Iron-base	156,525	169,636	168,876	99.5
	Copper-base	12,669	15,535	14,831	95.5
	Total	169,194	185,171	183,707	99.2
Korea	*Iron-base	64,086	68,917	65,858	95.6
	Copper-base	633	435	639	146.9
	Total	64,719	69,352	66,497	95.9
Taiwan	Iron-base	30,000	32,637	34,800	106.6
	Copper-base	2,000	2,070	2,040	98.5
	Total	32,000	34,707	36,840	106.1
India	Iron-base	30,000	33,600	36,000	107.1
	Copper-base	6,000	7,200	8,900	123.6
	Total	36,000	40,800	44,900	110.0
Malaysia	Iron-base	3,810	3,744	3,970	106.0
	Copper-base	116	85	95	111.8
	Total	3,926	3,829	4,065	106.2
Singapore	Iron-base	1,486	1,542	1,655	107.3
	Copper-base	438	404	314	77.7
	Total	1,924	1,946	1,969	101.2
Thailand	Iron-base	17,141	16,498	19,771	119.8
	Copper-base	8	66	67	101.5
	Total	17,149	16,564	19,838	119.8
Indonesia	Iron-base	5,444	6,134	6,778	110.5
	Copper-base	68	96	104	108.3
	Total	5,512	6,230	6,882	110.5
Total	Iron-base	396,637	424,874	429,991	101.2
	Copper-base	25,053	28,950	30,016	103.7
	Total	421,690	453,824	460,007	101.4

\*Included "Others"

## Application Field Ratio of PM Production (2018) (%)

AREA	For Transportation Machines	For Industrial Machines	For Electrical Machines	For Others
Japan	93.8	4.3	1.6	0.3
China	59.0	2.0	25.0	14.0
Korea	95.5	0.0	2.0	2.5
Taiwan	42.0	26.0	9.0	23.0
India	80.0	7.0	8.0	5.0
Malaysia	67.7	1.7	30.5	0.1
Singapore	51.2	1.9	45.9	1.0
Thailand	93.3	2.8	3.9	0.0
Indonesia	100.0	0.0	0.0	0.0