

## Profile of Taiwan Printed Circuit Association (TPCA) and Taiwan PCB Industry



# Outline

About us

Our services

PCB Industries

# TPCA

## About us

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**TPCA** 台灣電路板協會  
Taiwan Printed Circuit Association

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## About TPCA



- ◆ Founded in March, 1998



- ◆ Founded 『PCB Institute』 in 2004



- ◆ Relocated to TPCA Building in July, 2009

- ◆ Organized ECWC12- The 12th Electronic Circuits World Convention (Debut in Taipei) in 2011



- ◆ Hosted the 1st TPCA Show & Forum in 2000



- ◆ PCB Forum became the IMPACT Conference in 2007



- ◆ Hosted the 1st ECO Taiwan Expo



- ◆ Released Taiwan PCB Industry White Paper in July, 2014



- ◆ founded Training Center in 2010



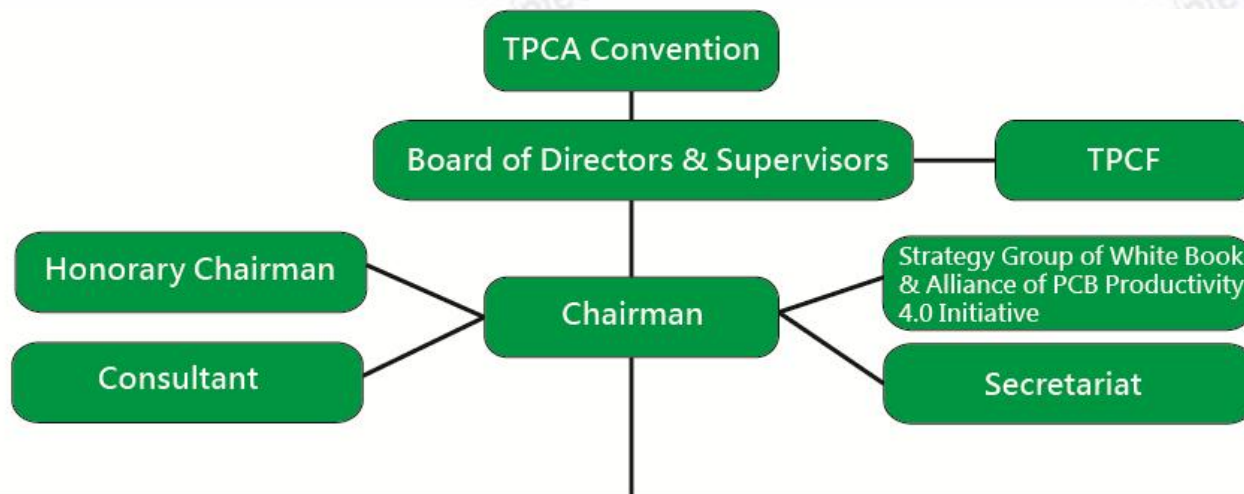
- ◆ TPCA achieved ISO 9001:2008 Certification in 2013

## Our Objectives

- Strengthen member services. Facilitate industrial cooperation
- Professional training. Promote human resources development.
- Provide market information. Strengthen competitiveness
- Enhance industry interaction. Improve industrial economy .
- Participate in international affairs. Enhance global perspective.
- Cooperate with the government. Organize charity events.

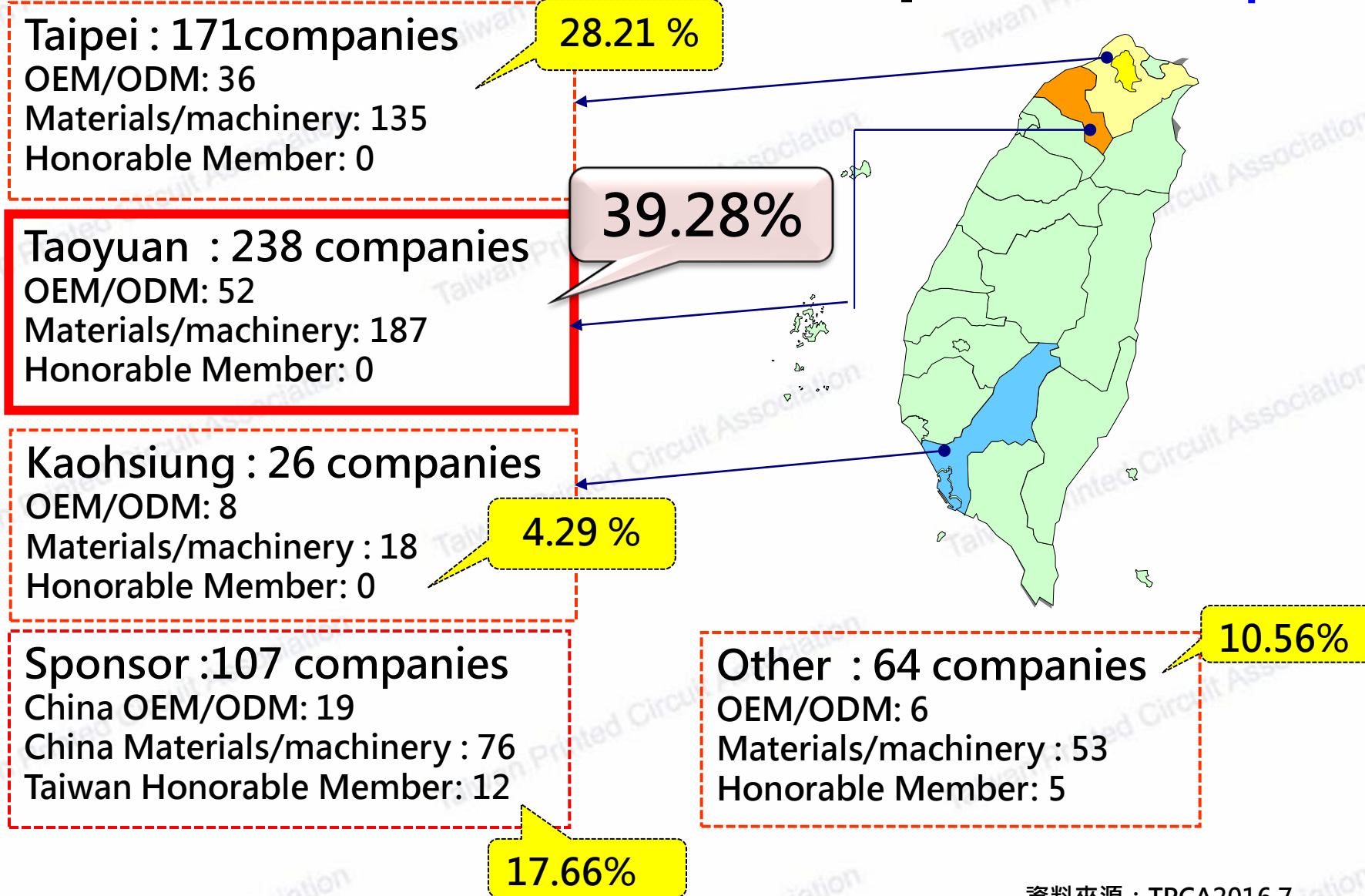


## Structure & Committees



## Member Outlook

**Total: 606 Shops**



	D/S	MLB/HDI	Thermal Conductive (Heat Sink)	Rigid-Flex	FPC/COF	IC Substrate
<b>PCB Maker</b> 121 Shops	Chin-Poon, TCI , Hitachi Chemical, etc.	Compeq, NanYa PCB, Unimicron, GCE, Unitech, WUS, Liangdar, Tripod , Picotec , Plotech, etc.	Chin-Poon, Chin-Shi , H & T, Liangdar, Nisdrom , Picotec, etc.	Compeq, Unimicron, GCE, WUS, Unitech, Mutualtek , Picotec, etc.	Career, Mektec, Flexium, Foxconn AT, Uniflex, Ichia, etc.	NanYa PCB, Unimicron, Kinsus, Taihong, P.P.T, ASEM, etc.
<b>Equipment</b> 222 Shops	C Sun, Temg Tai, Lih Song, DAR HARNQ,TA LIANG ,FAIR FRIEND, TUNGALOY, DAIDALOS, Union Optronics, TKK, Takisawa Taiwan ,CENS, Taiwan Microdrill, HOWTEH, Topoint, TONGTAI , Schmoll-Asia,Asia Neo Tech, KEY WARE, CARBIDE,AMPOC, WAH LEE, SHIN WU, GROUP UP, SYMTEK, TAIWAN UNION TOOL, etc.					
<b>Materials &amp; Chemicals</b> 190 Shops	<b>Base Materials</b>		<b>CCL</b>		<b>Chemicals</b>	
	Nan Ya, CCP, Vantico, Eternal, Umtek, Taiwan Copper Foil, Chang Chun, Cft, Co-Tech, Lee Chang Yung, Taiwan Glass, Nag, Hyotek, Fulltech, Glotech, Asahi-Schwebel, Dupont, Taimide, etc.		CCP,Eternal, Nan Ya, Elite, NPL, Isola, ITEQ, Uniplus, Taiwan Leader, Taiwan Union, Hong Tai, Advance, Shine More, S&S, Dupont, Mektec, Microcosm, Taiflfx, Nippon Steel Chemical , Thinflex, Tech Advance , Allstar, etc.		Jetchem, DOW, Atotech , Enthone, Fujifilm, ORIENTAL HAPPY, OMG (ASIA), Eternal, etc.	
<b>Others</b> 73 Shops	ACER, ASUS, Intel, ASE, ITRI, etc.					
<b>Total : 606 Shops</b>						

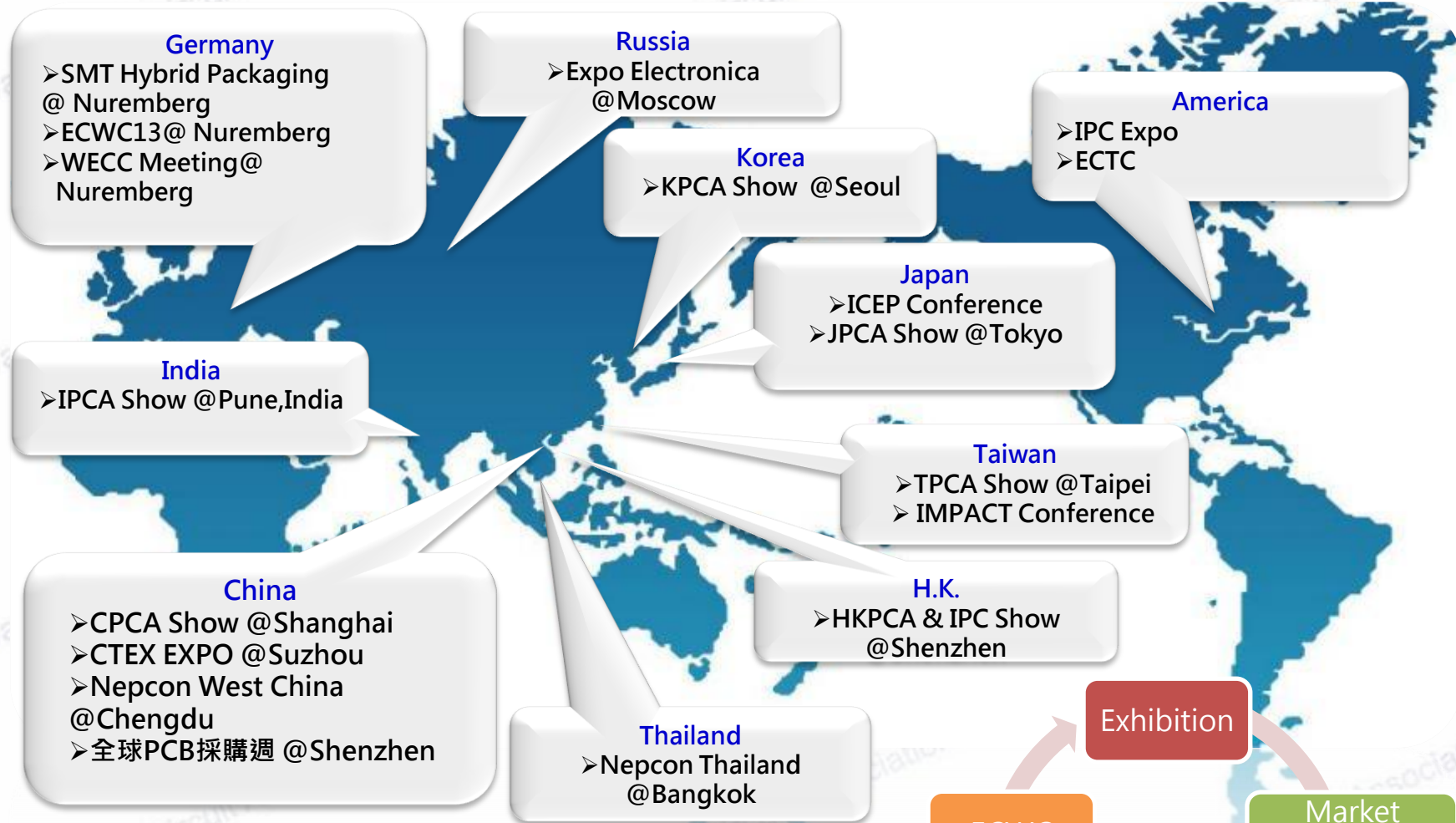


## Our Services

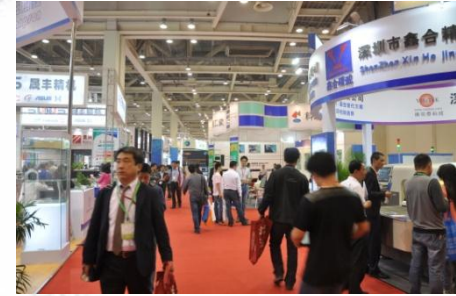
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Taiwan Printed Circuit Association



# Overseas Exhibitions



## Exhibitions in Greater China



**CTEX 2016**  
2016/5/18~20@Suzhou



**2016/10/26~28@Taipei**

### 【TPCA Show】

- 2009: The Outstanding Expo Award from MOEA
- 2010: Carbon Footprint Verification by BSI
- 2011: Popularize "Green Visit"
- 2012: The Outstanding Expo Award from MOEA
- 2014: Carbon Footprint Verification by BSI

**CS Show 2015**  
2015/8/30~9/1@Shenzhen

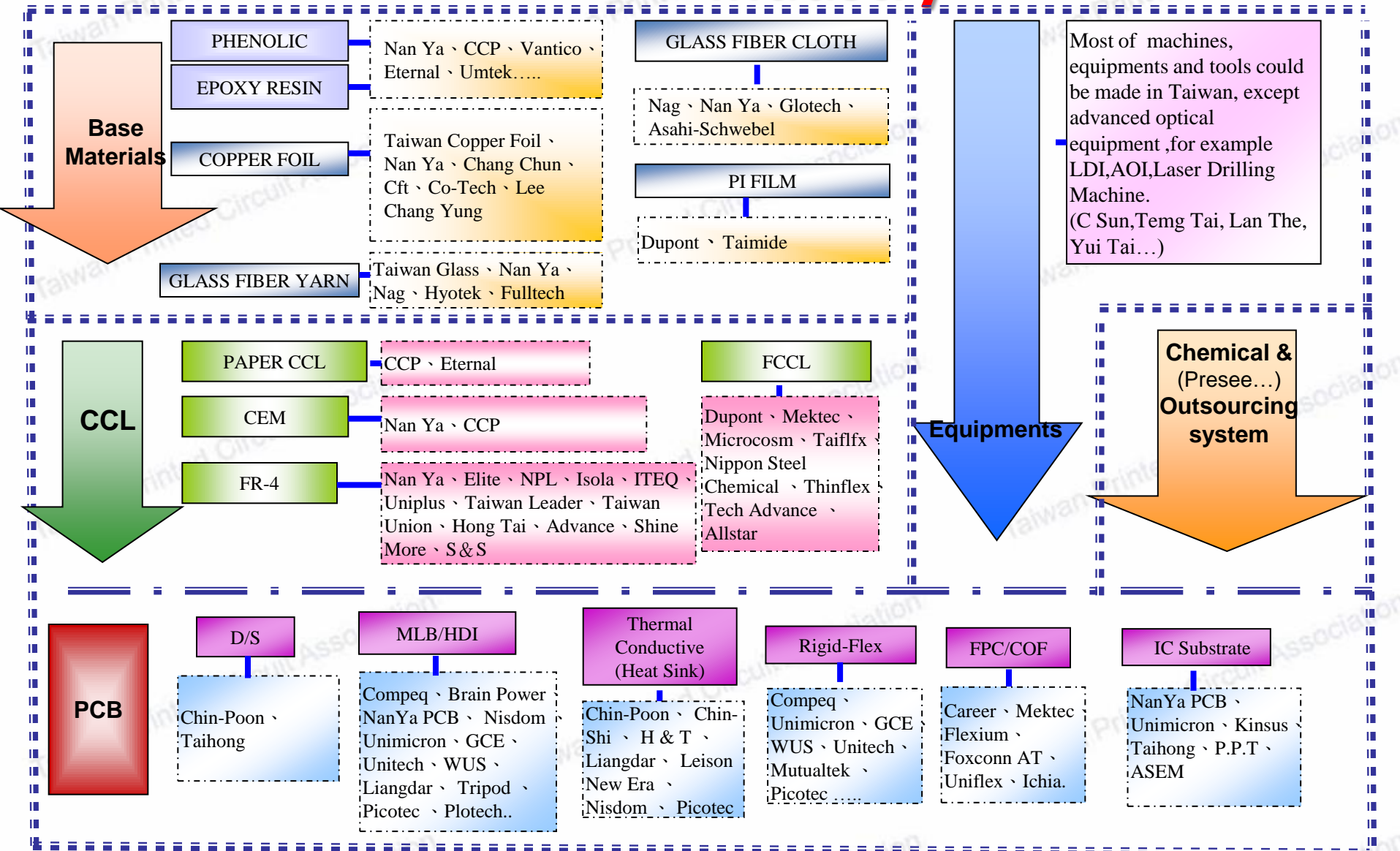


# Introduction of Taiwan PCB Industry

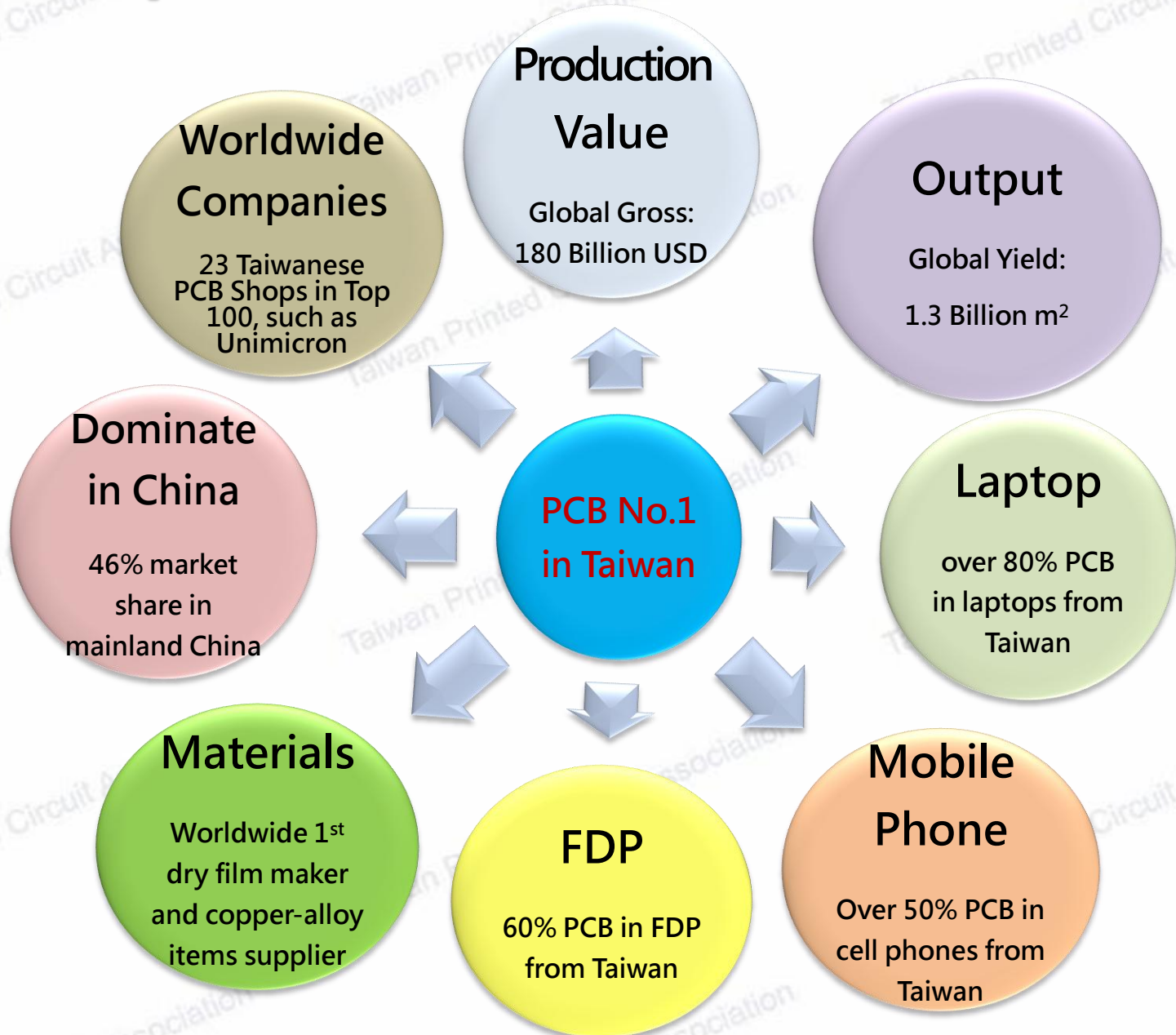
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# The supply chain of Taiwan PCB industry

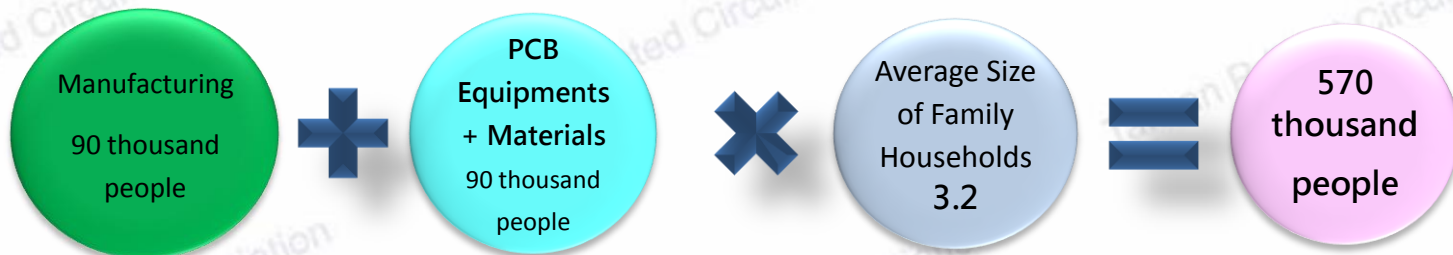
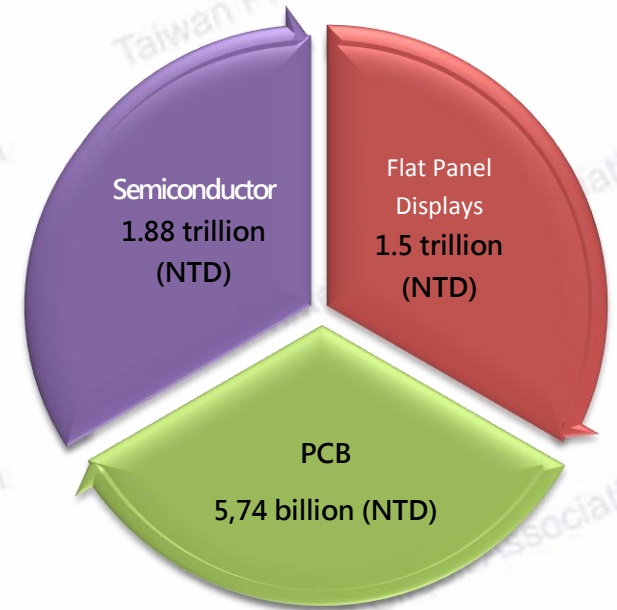


# TPCA Snapshot of Taiwan PCB Industries



## PCB Market Scale in Taiwan

- ✓ The PCB industry is the third largest among Taiwan's electronic components, with NTD 574 billion production value.
- ✓ PCB production value can be up to NTD 800 billion if it takes materials and equipment into account.
- ✓ Owns 30% of global PCB production value.
- ✓ Over 50% PCB in mobile phones from Taiwan
- ✓ Over 80% PCB in laptops from Taiwan
- ✓ 70% PCB in FDP from Taiwan
- ✓ There are near 800 PCB-related companies in Taiwan, creating 180 thousand job opportunities and effecting 570 thousand family members.



## Upcoming events in 2016

**TPCA** 台灣電路板協會  
Taiwan Printed Circuit Association





# TPCA

# TPCA Show 2016

| EAssembly | Green Tech | PCB | Thermal |

10.26 Wed. - 28 Fri.  
Taipei Nangang Exhibition Center



Scan for more information



Organizer : **TPCA** Taiwan Printed Circuit Association

Cooperators :  Taiwan Surface Finishing Association

 Taiwan Surface Mount Technology Association

 Taiwan Thermal Management Association

 Taiwan Environmental Manufacturers Association

## Presentation of the PCB Intelligent Manufacturing Value Chain

In order to carry out the ideal of intelligent manufacturing gradually, PCB industry has oriented to build the upstream and downstream value chain. The TPCA Show will present the achievement of linkage the upstream and downstream chain in Taiwan through intelligent manufacturing, green innovation and knowledge education such three major directions.

TPCA Show 2016 proudly invites you to become a Green Visitor. If you come to the show by public transit or by carpooling with other visitors, you will be entered into a draw for some great prizes!





International Microsystems, Packaging,  
Assembly and Circuits Technology conference

## 第 11 屆國際構裝暨電路板研討會 IMPACT-IAAC 2016

Get discount by **Oct. 7**  
10/7 前註冊  
即享優惠

Oct 26 (Wed) – Oct 28 (Fri), 2016 at Taipei Nangang Exhibition Center



Scan for more information

Plenary  
Speech



Invensas



Prismark



Advantech



Univ. of Tokyo



Leveno

Industrial  
Session



ASE GROUP  
日月光集團



南亞塑膠工業股份有限公司  
NAN YA PLASTICS CORPORATION



矽品精密  
Siliconware



TONG HSING ELECTRONIC INDUSTRIES, LTD.  
同欣電子工業股份有限公司

Special  
Forum

先端日本  
ICEP Japan

IAAC 車聯網  
Internet of Vehicle

異質整合藍圖  
IEEE SiP Roadmap

物聯穿戴  
IoT & Wearable

封裝論壇  
Fanout Forum

內埋技術  
IECEmbedded

## 2016 Taiwan PCB & Electronic Connection Industry Trade conference with Europe in Germany

In order to facilitate interaction and partnership opportunity between Taiwan and Europe, TPCA invite you to trade conferences in Dusseldorf and Munich.

Date of Trade conference	Location information
2016/11/8 (Tue) 13.00 - 17.30	<b>Radisson Blu Scandinavia Hotel</b> Address: Karl-Arnold-Platz 5, 40474 Düsseldorf
2016/11/10 (Thu) 13.00 - 17.30	<b>Electronica Munich 2016 meeting room A62</b> Address: Messegelände, 81823 München

Time	Conference agenda
13.00-13.30	<b>Registration</b>
13.30-13.35	<b>Opening remarked</b> by Director of Taiwan Trade Center, Munich
13.35-13.40	<b>Opening remarked</b> by Representative of EIPC
13.40-13.55	<b>Presentation</b> by TPCA and TECA introducing Taiwan Electronics Industry
13.55-14.00	<b>Café break</b>
14.00-17.30	<b>One-on-one Trade Meetings</b> (30 mins each, total 7 segments)



Scan for more information

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APP : TPCA