



# MEMS BUSINESS IN CHINA

Li Gong

SUSS MicroTec (Shanghai) LTD

# SUSS MICROTEC AT A GLANCE



- + A global leader in semiconductor equipment
- + We are focused on high growth market segments:  
Semiconductors, MEMS, LEDs
- + Key Data:
  - Stock Exchange Symbol: SMHN
  - TecDAX
  - Share price: 8.25 €



Key Equipment for MEMS Industry and R&D  
- Double side mask aligner + Wafer bonder

SUSS has sold it's first double side mask aligner and bonder in 1996 in China

Peking University  
Shanghai Jiaotong University

One of the first MEMS project in China!

-R&D Lab in Institutes and Universities: > 100

Most of the activities are in Shanghai Region,

Kanton, Chongqing and Beijing Region

## MEMS Production in China

- QST, Senodia, multiDimension (Magnetic)
- GoerTek, AAC Technologies, MEMSensing, NEOMEMS (Accoustic)
- SIMST, MEMSensing (Pressure),
- MEMSIC

**But the value of Production is still very low!**

## -MEMS Foundries

SMIC, ASMC, CSMC

## -MEMS Packaging

JCAP, Nantong Fujitsu, HUATIAN,  
Good-ARK, China WLCSP

China's import in 2013:

- Semi Devices: **231.3 b\$**  
(20.5% increase to 2012)
- Oil in 2013: **219.6 b\$**

China's Production in 2013

1.18 billion mobile phones,  
350 mio note books and desk tops,  
130 mio TV sets.

**Most of the MEMS Devices are not from  
China!**

- Central Government (2014-16): 120 Billion RMB  
(= 14 Billion Euro)

- 480 Billion RMB from local and private investment

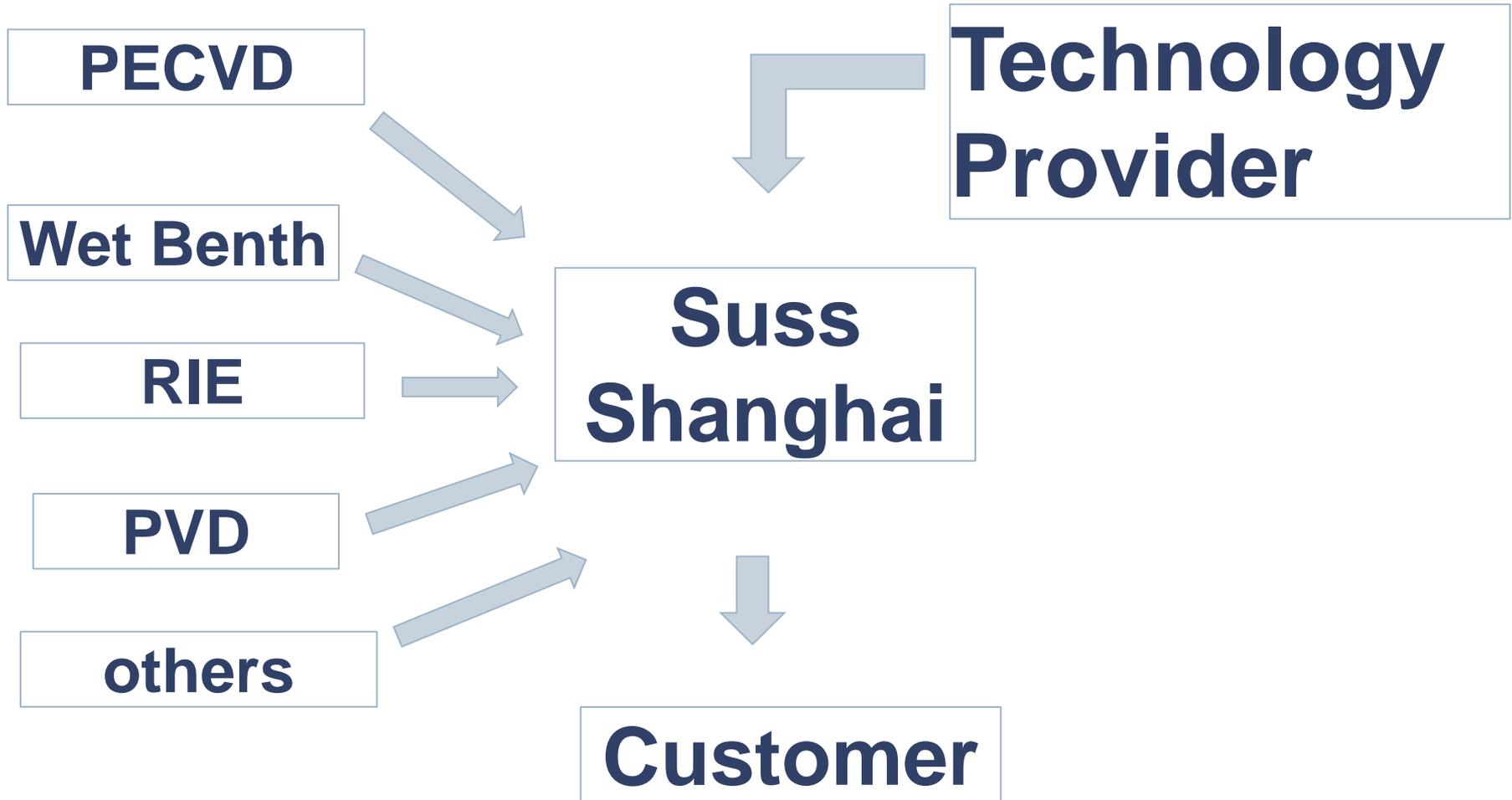
Total Investment: 600 Billion RMB

**A Lot of Business in China !**

## NEED COOPERATION with:

- Other equipment vendor
- Technology provider, such as Fraunhofer

**Why cooperation? Total Solutions !!!**



A close-up photograph of a hand holding a black marker, writing the words "Thank you!" in a cursive script on a white surface. The marker is positioned at the end of the word "you!".

Thank you!

# Happy Birthday to you, Thomas!

