MEMS BUSINESS IN CHINA

Li Gong
SUSS MicroTec (Shanghai) LTD
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 (Accustic)
- SIMST, MEMSensing (Pressure),
- MEMSIC

But the value of Production is still very low!
TODAY’S MEMS ACTIVITIES IN CHINA

-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!
CHINA’S INVESTMENT IN SEMI


- 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 !!!
COOPERATION WITH OTHER VENDORS

Technology Provider

Suss Shanghai

Customer

PECVD

Wet Benth

RIE

PVD

others
Thank you!
Happy Birthday to you, Thomas!