

#### Chronology of Major Events

1.CSCC established in February 1989.

2.Plants completed during 1991~1993.

3.CSCC IPO listed in Taiwan in November, 1998

4.CSCC was awarded "Industrial Excellence Award" and "National Outstanding SMES Award" in 2000 and 2001.

5.CSCC achieved OHSAS 18001 certification during 2001~2008.

6.CSCC achieved CNLA in April, 2002. And granted authentication in April 2005 and November, 2008.

7.Refined Naphthalene Unit expansion completed in April 2009.

8. The capacity 1,400 MT/YR of Green Mesophase Powder Plant completed in January 2010.

9. The Light Oil Distillation plant phase 2 completed in April 2010.

10.The line G5/G6 of Green Mesophase Powder Plant reaching capacity to 2,600 MT/YR completed during the third quarter 2011.

11. The line G1N/G2N of Green Mesophase Powder Plant reaching capacity to 5,000 MT/YR completed by the end of 2012.



## The structure of shareholder

unit : per thousand stocks

Major shareholder	Shares	Percentage
China Steel Corporation	68,787	29.04 %
China Synthetic Rubber Corp	11,759	4.96 %
CTCI Corporation	2,426	1.02 %

As of: March, 2015

## **4** Table of academic degree in CSCC's employees

Academic Degree	Number	Percentage
Doctor Degree	6	3%
Master Degree	50	27%
Bachelor Degree	93	49%
Junior college and Senior high school	39	21%
Total	188	100%

As of : Dec 31, 2014



#### unit : metric tons

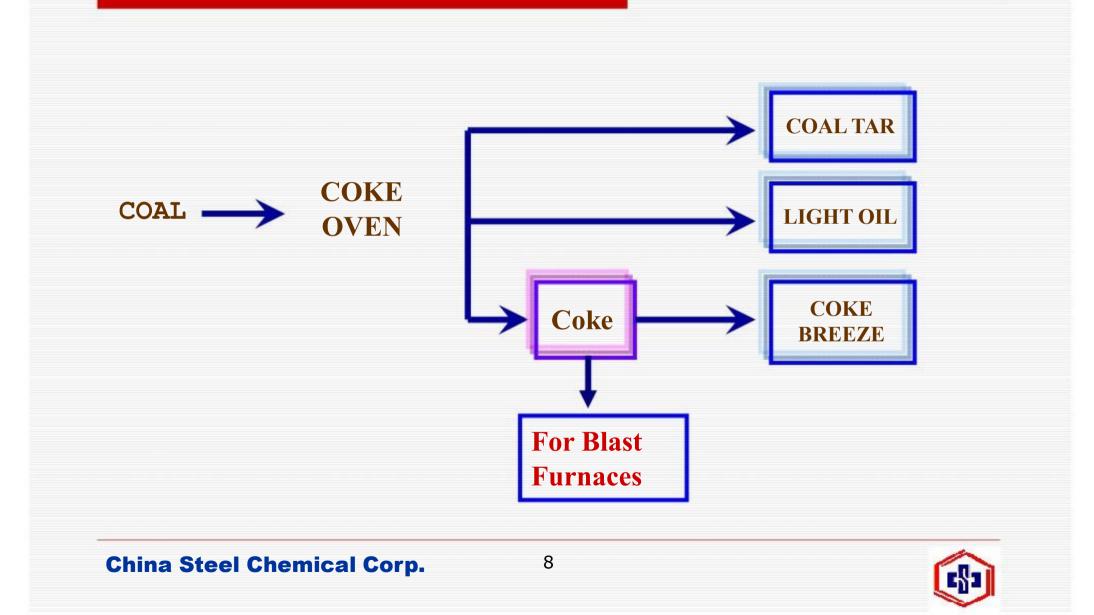
Period Input	2011	2012	2013	2014	2015/1~3
Coal Tar	213,284	203,920	264,578	266,814	69,809
Light Oil	80,921	77,971	93,609	100,930	27,020



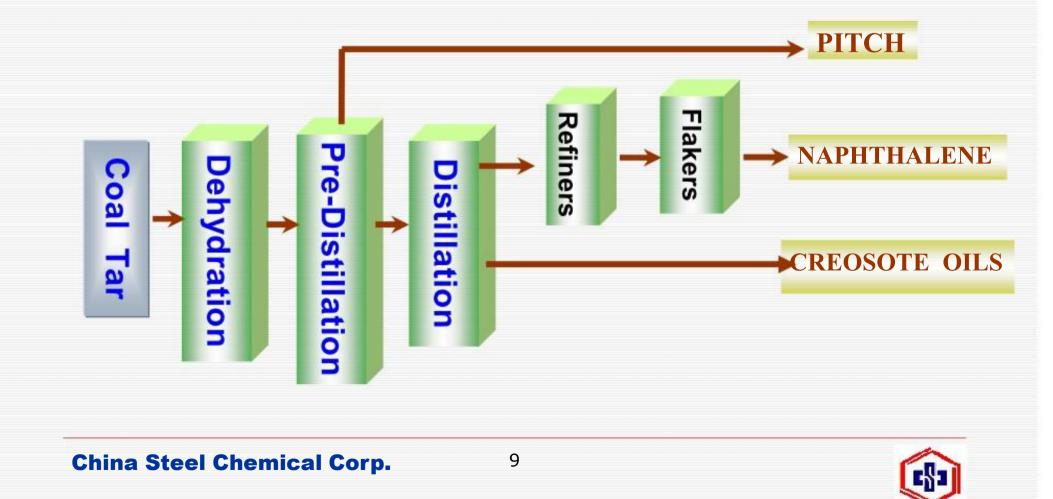
### Unit: NT\$ millions

	2011	2012	2013	2014	2015 1~3
Revenue	8,915	8,257	8,820	8,904	1,587*
Net income after tax	2,247	1,974	2,221	2,189	449*
EPS(NT\$)	9.76	8.58	9.60	9.50	-

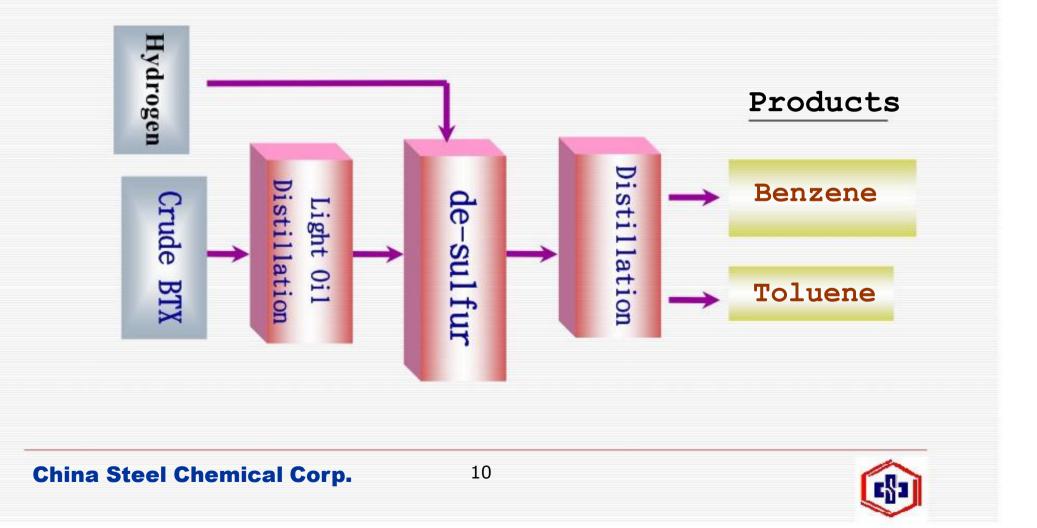
\* The announcement is based on Net income before tax.



## The Process of the Coal Tar Distillation Plant Products

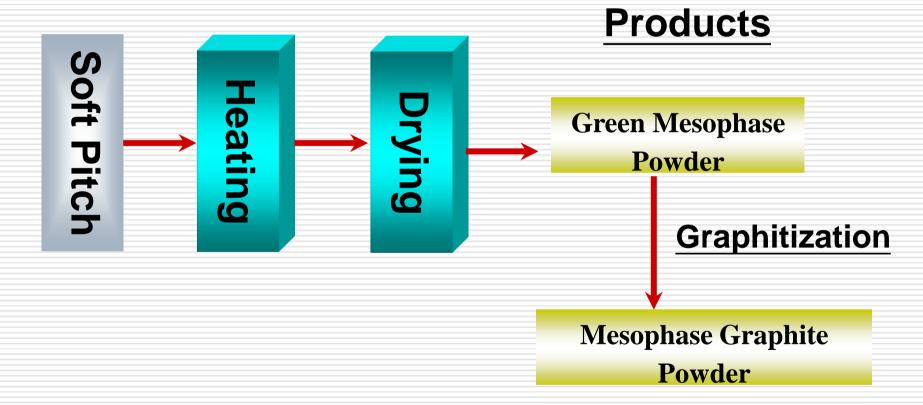


## **The Process of the Light Oil Distillation Plant**



2. The Relating Product Map of Coal Chemical Industries The Process of the Coke Breeze Plant **Products** Coke Small size coke Drying Grading Breeze Fine size coke Large size Coke **China Steel Chemical Corp.** 11

**4**The Process of the Green Mesophase Powder plant

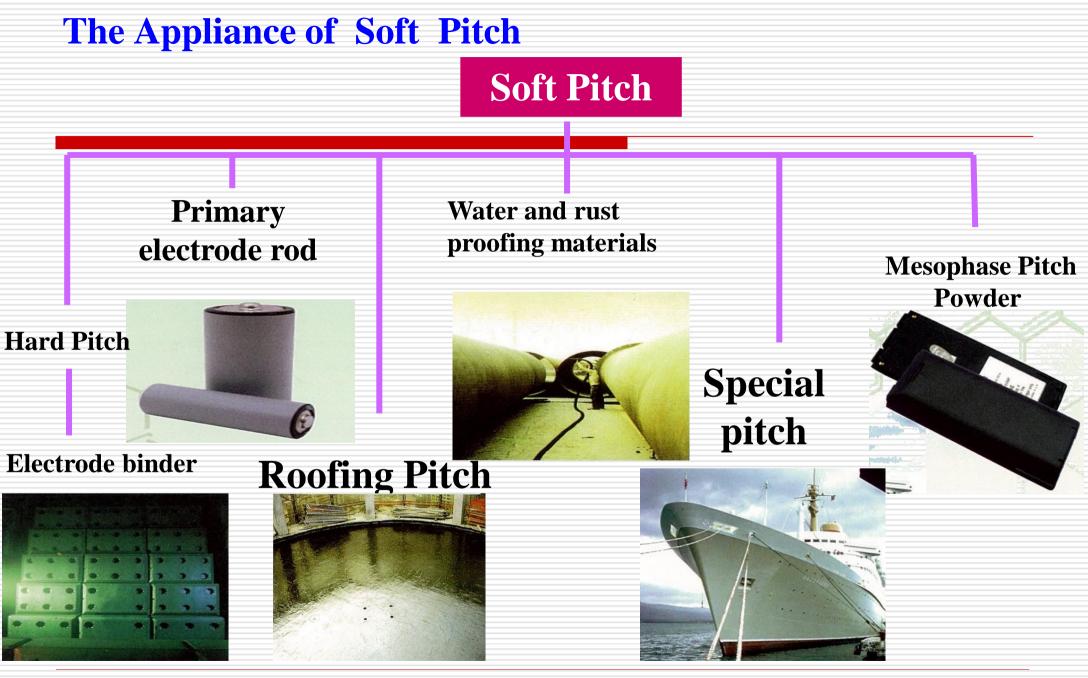




# The Industrial Use for CSCC

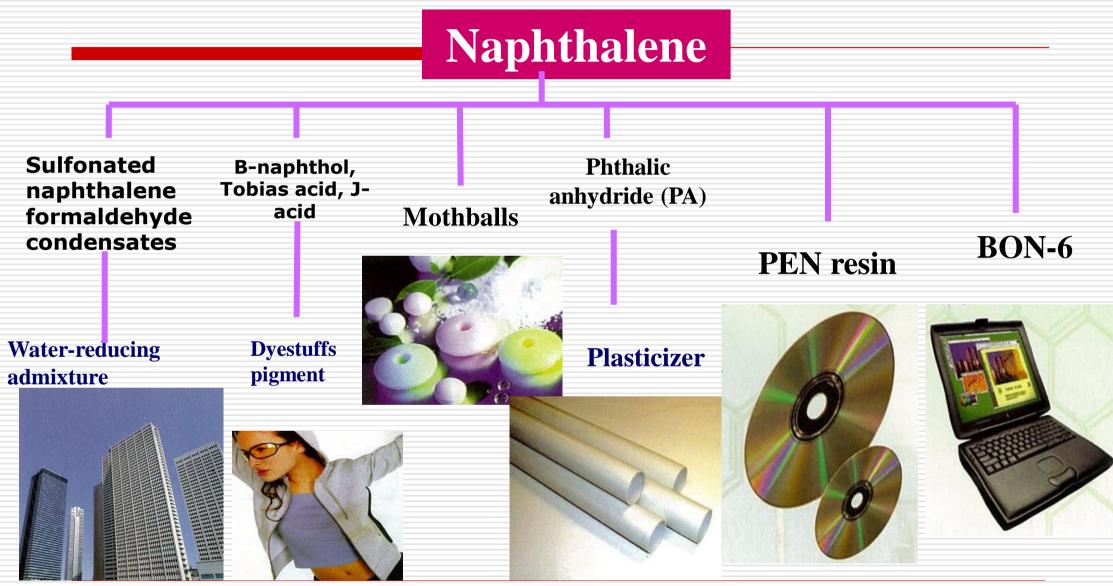








# **The Appliance of Naphthalene**





# **The Appliance of Creosote oils**

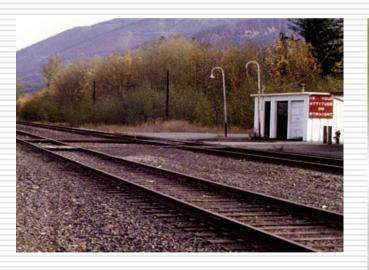
**Creosote oils** 

## **Carbon black**





## Wood preservative oil

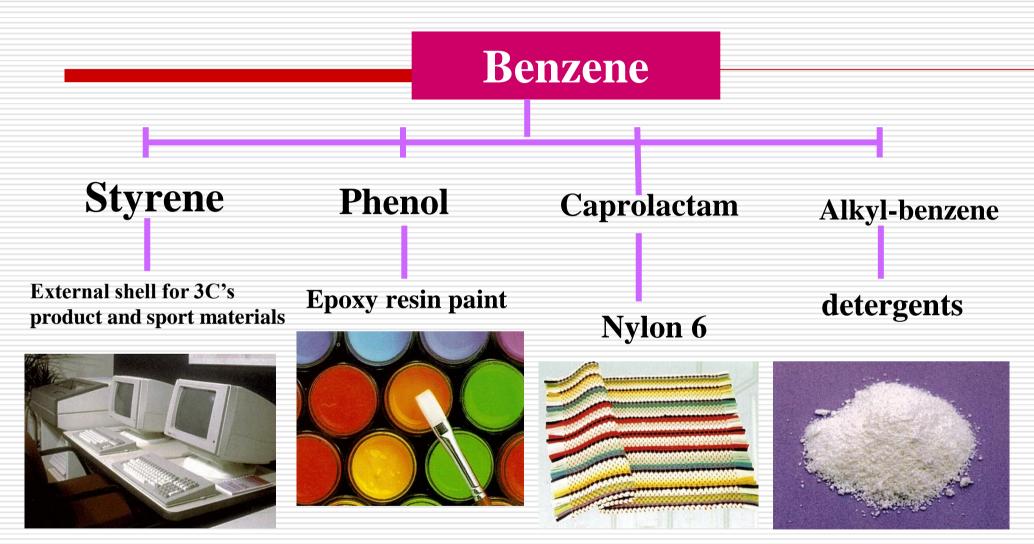




Wash oil



# **The Appliance of Benzene**







# 4. New Products Development

- 4 High Soft Point Pitch (HSP):utilized as wrapping materials to cover carbon for Li-ion Batteries anode or as binder material for fireproofing material.
- High Soft Point Pitch is a special pitch which possesses a soft point higher than 260°C and have high fixed carbon ratio (ca. 80-85%). It is also utilized as carbon fiber precursor, because the production procedure of HSP is similar to the one of carbon fiber procedure.
- Nowadays, the pre-launch sample is provided to customers for testing as wrapping material for Li-ion batteries anode and fireproofing material. Mass production process design had been completed and evaluation of mass product line will be made after market expands.



# 4. New Products Development

The quality of AC is great as Japan leading brand. The AC has already been sold worldwide.

Due to the expansion of Li-ion batteries anode material, establishing graphitizing factory is planning. Studying abroad techniques of graphitization, evaluation of inductive graphitizing furnace and mass production plan are progressing.





# **Thank You**

