








Basel Convention Regional Centre for Asia and the Pacific (BCRC China) and Its Regional Delivery

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Introduction



History of BCRC China

1993

China NEPA established
National Training and Technology Transfer Center for Hazardous Waste Management and Disposal of China (NTTTC), in Beijing, China

1995

3rd COP to the Basel Convention officially selected China to establish a regional center in Asia-Pacific Region

1997

BCRC China established based on the NTTTC, core functions and operation model was confirmed

2009

BCRC China was endorsed as **Stockholm Convention Regional Center** by COP4 of Stockholm Convention

2011

Framework Agreement signed by Government of China and Secretariat of the Basel Convention,

2014

The First Meeting of Steering Committee of BCRC China was held



Function and Role of BCRC China

Function

- Training , Information
- Awareness Raising, Consulting
- Technology Transfer

Regional Role

- To assist the developing countries to implement BC and SC in Asia and the Pacific through all kinds of activities.

Until now over **180 projects** has been completed or being implemented by BCRC China. The **contents** involve policy studies, experiment analysis, technology research and development, project demonstrations, etc. And the **research areas** cover E-waste, POPs and convention implementation, etc.



PACE Related Activities



Introduction of PACE

- ❖ The **Partnership for Action on Computing Equipment (PACE)** was launched at COP9, Bali, Indonesia in June 2008.
- ❖ **Mission:** Increase environmentally sound management (ESM) of used and end-of-life computing equipment.
- ❖ The Partnership has developed the following documents:
 - 1) Guideline on environmentally sound testing, refurbishment and repair of used computing equipment;
 - 2) Guideline on environmentally sound material recovery and recycling of end-of-life computing equipment;
 - 3) Guidance on procedures for transboundary movement of used and end-of-life computing equipment;
 - 4) Glossary of terms;
 - 5) Report with ESM criteria recommendations.



PACE Related Practices of BCRC China

- ❖ **Two members of PACE Working Group – BCRC China**
- ❖ **BCRC China Participated related meetings of PACE**
- ❖ **BCRC China organized and hosted several activities**





PACE Related Practices of BCRC China

BCRC China organized the Regional Training Workshop on PACE Guidelines in Asia and the Pacific (Shenzhen, China, from 2 to 3 December 2011)

- ❖ 34 participants from 9 countries in Asia and the Pacific region, institutions, industries and other organizations attend.
- ❖ It's the first regional training workshop on PACE guidelines with aims of promoting ESM of E-waste and awareness rising.





PACE Related Practices of BCRC China

- ❖ **BCRC co-organized the Third Physical Meeting of the PACE**
(Beijing, China, from 13 to 15 December 2010)
- ❖ 52 participants from 12 Parities and Signatories, 9 BCRCs, Secretariat of the Basel Convention, etc. attended the meeting.
- ❖ This meeting further facilitate the activities and progress of the PACE Working Group and promote the communication and cooperation on environmentally sound management for E-waste.





Regional Delivery



Information and Platform

International Conference on Waste Management and Technology

1. The conference is initiated by BCRC China and has been ongoing for 9 years since its inception in 2005. It is an important international platform for specialists and officials to discuss scientific problems, exchange experiences, and look for innovative solutions.
2. More than 500 delegates from 32 countries and regions of enterprises and research institute, etc. participated in the 2014 conference.
3. Topic include E-waste, sludge, hazardous waste, industrial solid waste, contaminated sites, circular economy, POPs waste, etc.





Information and Platform



China Solid Waste Training Programme, Face-to-face and Online Training System



The online training platform on waste was designed on 2012 and opened on 2013. More than 60 videos have been made and published, including most aspects on management and treatment of solid waste





Information and Platform

Website and Regional Newsletter



- Website of BCRC China includes three sub-website: BCRC, SCRC and Chinese version; specific topics is set such as E-waste, PCBs, PBDEs.
- Newsletters on BC and SC has been published monthly to parties and others





Information and Platform

Basel Convention Information Platform for Asia and the Pacific



- BCinf is an information platform for the implementation of Basel Convention in the Asia and Pacific region, aimed to promote the regional information exchange and cooperation among the Parties and countries.
- There are countries' information, legislations, policies, project activities, and other information related to the implementation of Basel Convention.



Workshop

The 2nd Basel Forum in Asia-Pacific Region on Promotion of Basel Convention Implementation

30 October 2014, Beijing, China

- ❖ Organized by Basel Convention Regional Centre for Asia and the Pacific (BCRC China) on October 30, 2014.
- ❖ Totally 21 participants, including delegates from 7 different Asian countries-- Japan, Korea, Cambodia, Mongolia, Nepal, Malaysia, and Micronesia, and delegates from World Custom Organization attended the meeting for knowledge sharing.



Training

Training Workshop to Improve the Implementation of Basel Convention for Developing Countries in Greater Mekong Subregion, East Asia Summit and Northeastern Asia

9-16 October 2013, Beijing, Suzhou and Guangzhou, China



21 participants of environmental protection departments and customs from 11 countries: Brunei Darussalam, Cambodia, India, Indonesia, Laos, Malaysia, Mongolia, Myanmar, Philippines, Thailand, Vietnam



Main Activities of BCRC China on E-waste



Activities of BCRC China on E-waste

Case Projects: 1) Amendment of 'Technical Policies on Pollution Prevention and Control of Waste Household Appliances and Electronic Products', 2013-2014; 2) 'Regulations on the Management of Recycling of Waste Electrical and Electronic Products', 2010.

Environmental
Sound
Management
Review

Case Project: Assessing the Status of E-waste Recycling in Selected Countries in the Asia-Pacific Region and Facilitating the Environmentally Sound Management of E-waste, 2014.

Policy
Research

E-waste

Collection
Demonstration

Technology
Research and
Demonstration

It has been nearly 20 years that BCRC China committed to the research and development of E-waste treatment technologies.

- 1) E-waste treatment technology
- 2) E-waste treatment demonstration
- 3) Recycling products (CRT glass, PCB nonmetallic material)

Case Projects: 1) Development of a Public Private Partnership for E-waste Collection, 2010.
2) Joint Implementation on 2007 APFED Showcase Project Entitled 'Collection and Treatment Schemes for E-wastes', 2007-09.



Suzhou Urban Circular Economy Development Model and Pilot-the Whole Set of Recycling Technologies on E-waste and Engineering Pilot, Ministry of Science and Technology of China





Future Plan



Business Plan 2015-2016

Information

- I. Further to establish information platform for the implementation of Basel Convention in the Asia and Pacific region (BCinf) based on the website of BCRC China
- II. Improving information sharing and network establishing to improve the implementation of Basel Convention in Asia-Pacific Region
- III. Organization of the Tenth and Eleventh International Conferences on Waste Management and Technology (ICWMT10 and ICWMT11)

Regional/National Training

- I. The National/Regional Online Training platform on Chemicals and Waste
- II. Organizing capacity-building activities on preventing and combating illegal traffic at national and regional level

Capacity/policy support at regional level

- I. Facilitating the capacity building and legal system of served countries on the national/local legislation or other measures for the implementation of the Basel Convention, and conducting needs analyses.
- II. Further Improving Environmentally Sound Management of E-waste at regional level.

Technology Transfer

- I. Further Pushing the Establishment of Platform on Technical Assistance and Technology Transfer of Chemical and Hazardous Wastes Management and Disposal in Asia-Pacific Region.



Future Plan on E-waste

Regional/National Training

to officials and others through online training platform and other detailed trainings.

Information delivery

through newsletter, ICWMT platform, website, workshop and others.

Technology Transfer

Through developing regional information system and communication forum on technology transfer

Awareness Rising

Promote the use of existing PACE guidelines for E-waste;
Raise the public awareness through projects.

Capacity Building

through detailed projects on E-waste



Welcome!

The 10th International Conference on Waste Management and Technology

October 28-30, 2015 Mianyang,
Sichuan Province China

<http://2015.icwmt.org>

E-waste Topics involved: WEEE management policy and technology; Waste management and sound disposal; Circular economy and urban mining; Social, economic and environmental impact on waste; Extended Producer Responsibility (EPR), etc.



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