



S3_02



Draft Outline of BAT/BEP Guidance on Reduction of Mercury Releases from Waste Combustion



UNEP Global Mercury Partnership
Waste Management Partnership Area
Meeting

Tokyo, Japan



12-13 March 2009



Organization of Presentation

- ★ Background
- ★ Objective
- ★ Scope of the BAT/BEP Guidance
- ★ Way to prepare the BAT/BEP Guidance
- ★ Organization of the BAT/BEP Guidance
- ★ Information Collection Format
- ★ Discussion points





Background

- ★ UNEP Governing Council Decision 23/9 called for mercury partnerships between government and other stakeholders.
- ★ UNEP Governing Council Decision 24/3 requests the UNEP Executive Director to strengthen the UNEP mercury partnership by specific action including the expansion of the number and scope of partnerships to include new, growing or related sectors such as VCM production, non-ferrous metals mining, cement production and waste combustion





Background

- ★ One of the projects in the Waste Management Partnership Area
 - To develop a BAT/BEP guidance for implementation of an important part of the Basel Convention Technical Guidelines on Environmentally Sound Management of Mercury Waste





Objective

- ★ To provide information that supports the implementation of BAT/BEP contributing to the reduction of mercury emissions from waste combustion/burning*.

* Waste combustion means that controlled burning of waste while waste burning is not controlled.





Objective

- ★ Reasons why to focus on reduction of mercury releases from waste combustion/burning
 - UNEP GC Decision 24/3 refers waste combustion as a sector to be covered by the UNEP Global Mercury Partnership
 - According to the technical background of the “Report on Global Atmospheric Mercury Assessment: Sources, Emissions and Transport”, the most important pathway for product use of mercury is waste handling. Waste incineration accounts for 47 % of total mercury emission from products and landfill for 37%.





BAT and BEP

★ BAT: Best Available Techniques

- Techniques that can most effectively achieving a high level of environmental protection and allow implementation in relevant sector under economically and technically viable conditions

★ BEP: Best Environmental Practices

- The application of the most appropriate combination of environmental control measures and strategies



Scope of BAT/BEP Guidance Document

Core combustion

Separation of waste containing mercury (legal systems and voluntary actions to implement collection of waste containing mercury for municipal solid waste, measures to clarify and identify waste containing mercury and their treatment methods for industrial waste)

Smelting combustion

Flue gas treatment (emission standards and technologies)

Other combustion

Residue treatment and disposal (landfill criteria and technologies)

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_14155

