



Conference Room 307 is located in the "Conference Room(South)".

[Subway]

- Subway line 2. Samsung station : Use the passage directly connected from exit 5 or 6 to Coex mall
- Subway line 9. Bongensa station : Use the passage directly connected from exit 7 to Coex mall

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[지하철]

- 지하철 2호선 삼성역 : 5,6번 출구와 직접 연결된 통로를 통해 진입
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International Workshop on BAT

BAT 국제 워크숍

Dates. October. 24(Thu) ~ 25(Fri). 2019

Venue. 307 COEX

<https://www.coexcenter.com/>

Official Language. English and Korean
(Translation will be provided)

일 시. 2019년 10월 24일(목) ~ 25일(금)

장 소. 코엑스 307호

<https://www.coexcenter.com/>

공식언어. 영어 · 한국어 (통역지원)

Workshop Concept Note

In the Republic of Korea, BAT (best available techniques) has been officially applied in environmental control since January of 2017 when "Act on the Integrated Control of Pollutant-Discharging Facilities" was enforced. The purpose of this Act is to promote the development of environmental technology and protect human health and the environment by integrating the control of pollutant-discharging facilities so as to effectively reduce pollutants produced from each business establishment and by establishing a system under which best available techniques for environmental control can be applied to meet the conditions of each industrial installation. Because BAT is a major component to realize the Act, establishing a new BAT model and application system suitable for Korean situations is necessary. To effectively improve the Korean BAT system and to share our experience with international communities, it will be helpful to cooperate and collaborate with international expert groups who already have applied and evaluated the policy and BAT systems for integrated control of environmental pollution. With this motivation, this workshop is co-hosted by the Ministry of Environment(ME) and the Organisation for Economic Co-operation and Development (OECD) and co-organized by the Korean Society on Water Environment(KSWE) and the Korean Society for Atmospheric Environment(KSAE) to initiate a platform to exchange ideas, experiences and knowledge on integrated control of pollutant-discharging facilities and BAT among international and Korean expert groups.

최적가용기법(best available techniques, BAT)이 대한민국에서 환경오염관리 정책에 공식적으로 활용된 것은 "환경오염시설의 통합관리에 관한 법률(이하 통합환경관리법)"이 시행된 2017년 1월 1일 이후입니다. 이 법의 목적은 사업장에서 발생하는 오염물질 등을 효과적으로 줄이기 위하여 배출시설 등을 통합 관리하고, 최적의 환경관리 기법을 각 사업장의 여건에 맞게 적용할 수 있는 체계를 구축함으로써 환경기술의 발전을 촉진하고 국민의 건강과 환경을 보호하는 것입니다. BAT제도는 통합환경관리 구현에 중요한 요소이므로, 국가별 상황에 맞는 BAT 모형 및 적용 시스템 정립이 필요합니다. 통합환경관리제도의 고도화를 효과적으로 이루기 위한 방안도출을 위해서는 통합환경 관리 / BAT를 이미 적용하고 평가연구 해 온 해외국가 및 국제기구 등의 전문가들과 국제 협력을 하는 것이 현명한 방법일 것입니다. 이러한 취지에서 환경부와 OECD 주최, 한국물 환경학회와 한국대기환경학회 주관으로 환경오염시설의 통합적 관리와 BAT에 관한 국제 워크숍을 공동으로 마련하였습니다.

Day 1 (10.24) / 1일차 (10.24 (목))

13:30~14:00	Registration / 등록
14:00~14:30	Opening Ceremony / 개회식 [Opening speech] / [개회사] Dong-Gu Kim (Ministry of Environment, KOR) [Congratulatory message] / [축사] Yoon-Seok Chang (National Institute of Environmental Research, KOR)
14:30~16:00	Session 1 : Current status of BAT and related research / BAT 현황 및 관련 연구 - Chairperson : Sang-Hyoun Kim (Yonsei University, KOR) ① "Current status and future direction of Korean BREF (BAT reference document)" Philgoo Kang (National Institute of Environmental Research, KOR) ② "Evaluating BAT-based industrial regulations" Ian Hodgson (European Commission, European Union) ③ "Status of BAT in India" Chirag Bhimani (Consultant, India)
16:00~16:15	Coffee break / 휴식
16:15~17:45	Session 2 : BAT application case studies / BAT 적용 사례 - Chairperson : Jihyeon Song (Sejong University, KOR) ① "Iron and Steel Furnaces BAT in the U.S." Brian Dickens (Environmental Protection Agency, USA) ② "Application of BAT in the German chemical industry: approach and examples" Michael Suhr (Federal Environment Agency, Germany) ③ "Experience of BAT implementation in the Republic of Belarus" Anna Yodchik (Ecologyinvest, Belarus)
17:45~18:00	Coffee break / 휴식
18:00~18:40	[Panel discussion] "Sharing experiences of implementing BAT" / "BAT 시행 현황 등 공유" Manoranjan Hota (Environmental Expert, India) Li Peng (SinoCarbon Innovation & Investment Co., Ltd., China) Ayelet Ben Ami (Ministry of Environmental Protection, Israel) Daekeun Kim (Seoul National University of Science and Technology, KOR) Heekwan Lee (Incheon National University, KOR) Chang-In Im (Environmental Review & Evaluation Center, KOR)

Day 2 (10.25) / 2일차 (10.25 (금))

09:30~11:00	Session 3. Prospects of BAT and policies / BAT 전망 및 정책 - Chairperson : Joonhong Park (Yonsei University, KOR) ① "Implementation of Green chemistry as a BAT within industry value chain" Sandra Gaona (Environmental Protection Agency, USA) ② "Legislation of Kazakhstan in terms of BAT" Aliya Baimaganova (Int'l Green Technologies and Investments Center, Kazakhstan) ③ "BAT around the World: findings from an international research project" Marit Hjort (OECD)
11:00~11:15	Coffee break / 휴식
11:15~11:55	[Panel discussion] "Ways to develop BAT" / "BAT 발전 방안" Takaaki Ito (OECD) Forsius Kaj (Finnish Environment Institute, Finland) Gyu-seok Baek (SHIN&KIM, KOR) Dae-hee Sohn (EnvSol, Co., KOR) Seung-sun Yim (Ministry of Environment, KOR)
11:55~12:00	Closing / 폐회식