

Work Proposal for Sino-German Workshop on Water Management

With increasingly severe ecological and environmental problems related to water, China urgently needs to strengthen its water environmental management and control of wastewater discharge in order to continuously improve ecological and environmental aspects of water and promote sustainable development of its economy and society. Under the guidance of the EU Water Framework Directive, important member countries such as Germany, France, Sweden, Denmark and the Netherlands have formed their own water governance systems with concepts, laws, regulations and measures that are systemic and comprehensive.

In order to further learn advanced water management experience from foreign countries and solve China's problems in the management of stationary sources of wastewater and ecological and environmental protection related to water, with an approval from China's Ministry of Environmental Protection, the Appraisal Center for Environment & Engineering of Ministry of Environmental Protection of China (ACEE) is planning to jointly organize the Sino-German Workshop on Water Management with GIZ on December 13 & 14, 2017. The specific arrangements are as follows:

I. Content of the workshop

1. **Involving sectors:** paper & pulp, electroplating, pharmaceuticals and printing & dyeing

2. **Topics** (TBD)

(1) Point source pollution management in Germany and its relation with water quality in watersheds

Monitoring, supervision and evaluation of point source pollution (monitoring methods, supervision approaches and evaluation systems); the relation between water quality in watersheds and management of point source pollution; how to achieve water quality targets in watersheds through measures of point source pollution management.

(2) Management of toxic and hazardous substances in water bodies

Methodologies to determine toxic and hazardous substances in water bodies and inventory management; monitoring, emission control and treatment of typical toxic and hazardous substances in water bodies

(3) Non-point source pollution management experience in Germany

Management system and control measures for agricultural non-point source pollution in watersheds

(4) Water environmental management practices in China

Management models of non-point source pollution (state-controlled, province-controlled; third-party management; methods of supervision); watershed water management (watershed supervising committees, the river chief system)

II. Participants

An estimated total of 100 participants, with around 10 international guests (from countries such as Germany, Sweden and France, etc)

III. **Timeframe of the workshop:** Dec. 13 & 14, 2017 (2 days)

IV. **Meeting venue:** Beijing, location TBD

V. Other matters:

Lunches (buffets) will be provided by organizers. The cost of accommodation and transportation should be covered by participants themselves.

Appendix:

1. Workshop agenda (tbd)
2. Participating organizations

Chinese side:

- Department of Policies, Laws and Regulations, Ministry of Environmental Protection (MEP)
- Department of Science, Technology and Standards, MEP
- Department of Environmental Monitoring, MEP

- Department of Water Environment Management, MEP
- Bureau of Environmental Supervision and Inspection, MEP
- Appraisal Center for Environment and Engineering (ACEE), MEP
- Foreign Economic Cooperation Office (FECO), MEP
- Chinese Research Academy of Environmental Sciences (CRAES)
- Chinese Academy for Environmental Planning (CAEP)
- Others TBD

International side:

- Directorate-General for the Environment, European Commission
- German Federal Environmental Ministry (BMUB)
- German Federal Environmental Agency (UBA)
- GIZ
- French Ministry of Ecology and Inclusive Transition
- Swedish Environmental Protection Agency
- Swedish Environmental Institute (IVL)
- Stockholm International Water Institute (SIWI)
- Geological Survey of Denmark and Greenland (GEUS)
- Dutch water authorities
- Others TBD