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## **SIGN plans to continue its successful work with a phase 2**

New and experienced SIGN partners gathered together to set the roadmap for proposal writing for funding of a subsequent phase 2. The partly new consortium will allow SIGN2 to further develop the successful findings of the first funding period in combination with new and innovative research ideas highly interesting for practical application, too. The new tasks of SIGN2 will cover

- the Tai lake (Taihu) as raw water resource with a detailed view on pollutant exchange dynamics during water-sediment mixing processes
- drinking water treatment with innovative dense coated membranes and optimized (in terms of water quality and energy consumption) treatment chains
- drinking water distribution with integral asset management via software tools
- research, demonstration and training in the two focus regions of the 13th Chinese 5-year plan: the Taihu and Beijing region

## **SIGN延续成功合作，规划项目二期**

几家项目经验丰富的SIGN伙伴单位齐聚一堂，共同确立其合作项目第二期的目标立项方案。通过纳入部分新伙伴而组建起的新项目联合体将一方面继续现行资助项目工作的成功开展，另一方面致力于创新型科研新思路的应用实施。SIGN项目2期将专注于以下研究课题：

- 系统理解太湖内由平原湖泊典型的水泥混匀而引起的水污染动力学过程。
- 通过应用创新高性能膜及从水质和能效上优化处理流程链，以实现清洁饮用水的生产。
- 应用软件支持下的基础设施综合管理，保障饮用水在直至用户水龙头的配水过程中的水质。
- 在十三五规划的两个重点区域：太湖和北京开展科研、应用示范和培训活动。

