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SIGN enlarges its activities

SIGN's first period of research and application showed great success. Due to the high interest on the Chinese side we collaborate with more partners than foreseen during initial application: Hua Yan Water, Suzhou and Beijing Waterworks Group increasing the need for funds for workshops and trainings. Thus SIGN fruitfully applied for a budget increase in order to enlarge its activities especially in the fields of:

- Characterization and reactive elimination of T&O, Taste&Odour compounds ([FZJ](#), [TZW](#))
- Elimination of T&O precursors using membranefiltration with retention of whole algae cells through large-pored membranes ([INGE](#))
- Biodegradation of N-compounds in raw water and during drinking water treatment ([TZW](#))
- Flushing of large-scale drinking water pipes ([TZW](#))
- Increased portfolio for leakage detection in the drinking water network ([FAST](#))

SIGN项目加大在华活动力度

SIGN项目首个项目年度在科研和应用工作领域捷报连连。基于中方的巨大兴趣，SIGN项目对接合作的伙伴单位早已多出立项时的计划：如苏州清源华衍水务公司和北京市自来水集团等单位。由此对用于举办研讨会和培训活动的经费需求相应提高。鉴于此，SIGN项目向德国联邦教研部申请并获准了补充经费，以强化支持以下课题的合作研究：

- 嗅味、异味和呈味物质的特征及反应性去除(尤利希研究中心[FZJ](#), 德国燃气与水工业协会-水处理工艺中心[TZW](#))
- 通过用大孔膜截留完整藻细胞的膜过滤技术去除致嗅物质 ([INGE](#)有限公司)
- 原水和饮用水处理中的生物脱氮 (德国燃气与水工业协会-水处理工艺中心[TZW](#))
- 大口径饮用水管道的冲洗 (德国燃气与水工业协会-水处理工艺中心[TZW](#))
- 饮用水管网渗漏定位方法的扩展研究([FAST](#)有限公司)

