



Finnish Water Forum - 关于芬兰水论坛

FINNISH WATER FORUM



Official association of Finnish water sector organizations - 芬兰水务部门组织的官方协会

- Over 70 Expert Companies with water related turnover more than 3 billion € - 超过70个专家公司与水相关的营业额超过3十亿€
- 6 Research Institutions - 6研究机构
- 5 Academic Institutions - 5学术机构
- 9 Associations – 9协会
- **Supported by five (5) Finnish Ministries - 支持五(5)芬兰部委**



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Finnish knowledge covers all aspects of water 芬兰水技术, 涵盖了水的各个方面

- From Transboundary water issues to Smart Water (water and ICT) 跨界水问题, 智能水(水和ICT); From Administration to Technology - 从管理到技术

Results of excellent Finnish knowledge 优秀的芬兰的知识成果

- Finnish Tap Water is drinkable and of better quality than bottled water - 芬兰的自来水可直饮, 比瓶装水的质量更好



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TRACK RECORD OF FINLAND - 芬兰的声

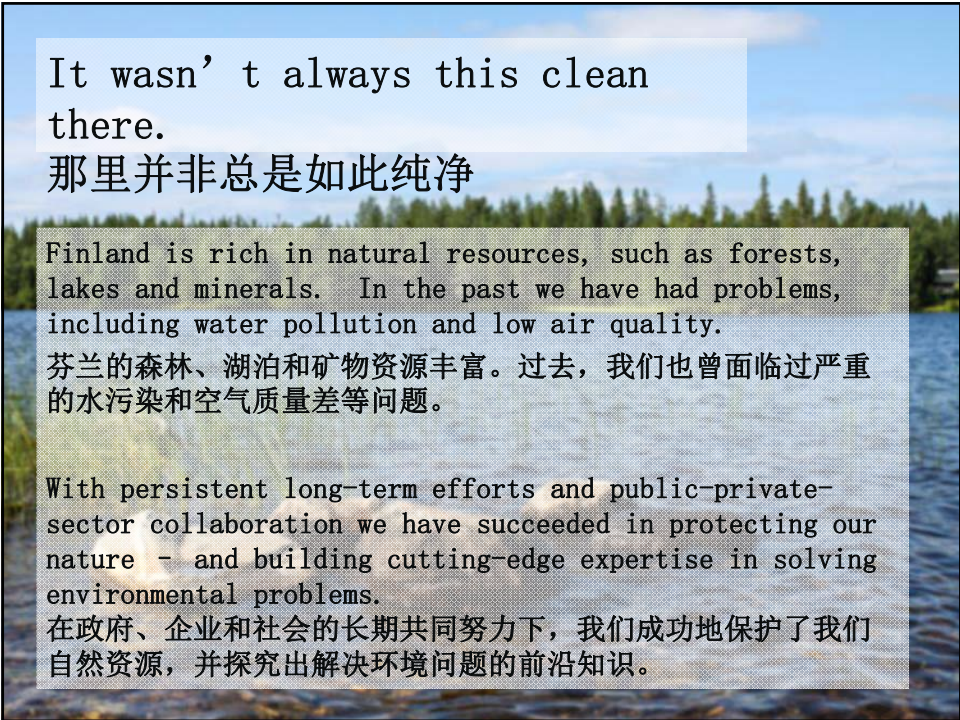
"Superpower" of Water - 水的“超级大国”

- 200'000 lakes, 200'000 islands, 320'000 km coastline – 20万个湖泊, 20万个岛屿及32万Km海岸线
- 22'000 springs, 650 rivers; Freshwater reserves total 21'000 m³/a per capita - 22,000股泉水, 650条河流, 人均淡水资源21,000 m³/年

Ranking high in international evaluations - 排名高的国际评价

- No 1 in Water Poverty Index and Water Quality Indicator values (among 122 countries in the UN World Water Assessment Programme) – 全球第一的水匮乏指数及水质指数(相比于列入联合国世界水资源评估项目的122个国家)
- No 1 in environmental sustainability and performance (WEF/ESI 2001, 2005; WEF/EPI 2006) - 全球第一的环境可持续性 & 绩效指数 (WEF/ESI 2001, 2005; WEF/EPI 2006)
- No 1 in innovations within EU (European Innovation Scoreboard) – 欧盟第一的创新力(欧盟创新排行报告)
- No 1 in "The World's Best Countries ranking" (Newsweek 2010) – “世界上最好的国家”排名第一(美国新闻周刊, 2010)

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It wasn' t always this clean
there.

那里并非总是如此纯净

Finland is rich in natural resources, such as forests, lakes and minerals. In the past we have had problems, including water pollution and low air quality.

芬兰的森林、湖泊和矿物资源丰富。过去，我们也曾面临过严重的水污染和空气质量差等问题。

With persistent long-term efforts and public-private-sector collaboration we have succeeded in protecting our nature - and building cutting-edge expertise in solving environmental problems.

在政府、企业和社会的长期共同努力下，我们成功地保护了我们自然资源，并探究出解决环境问题的前沿知识。



Finnish water solutions
芬兰水资源管理解决方案

FINLAND'S WATER SOLUTIONS 芬兰的水资源管理解决方案 . World class technology - 世界一流的技术

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- Smart Water 智能水 – Water & ICT 水和ICT
- Water Efficiency 用水效益 <-> Energy and Material Efficiency 能源和材料效率 (例如 Energy recovery from waste waters-废水中能量回收)
- Planning and construction of complete water treatment plants and optimizing the performance of these plants - 设计和建设完整的水处理厂及优化水处理厂性能
- Drinking Water, Process Water - 饮用水、工艺用水, Municipal and Industrial Waste Water - 废水, Energy recovery from waste waters-废水中能量回收
- Sludge management and utilization (digestion, composting etc) - 污泥管理和利用
- Modeling of rivers and lake systems –河流湖泊模型模拟
- Restoration of Lakes - 湖泊修复
- Monitoring and follow-up – 监控及跟踪



Some References in China – 在中国的一些参考

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- More than municipal 30 water and waste water treatment plants implemented in China - 多在中国实施市级30水和污水处理厂
- Water and waste water plants for industry (pulp & paper) - 水和污水厂工业(制浆造纸)
- Water chemical factories (Shandong and Jiang Su) - 水化工厂(山东姜宿)
- Modelling of Yangtze River - 长江造型
- Beijing Water Intake Channel Ice Model - 北京取水道冰型号
- Component deliveries - 组件交付
- Waste Water Sludge Digester (Kunming) under construction - 废水污泥消化(昆明)正在建设中
- R&D projects starting in Jiang Su - 开始在姜肃研发项目
- R&D cooperation between universities - 研究所大学之间的合作
- Training for Guangdong Hydraulic Planning and Design Institute (2014) - 培训广东省水利规划设计院(2014年)
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Academic Exchange and Research Training

- 千湖之国 有河有海洋

- Training to Chinese counterparts in Water Resources Management, Water Environment, Water Treatment Technology, Water Ecology and Landscape, and Flood Control and Risk Management - FWF 为中国同行提供的能力建设,涵盖了水资源管理,水环境,水处理 技术,水生态与景观,防洪和风险管理等
- The Finnish Water Forum Consortium consists of Alleco Ltd, The Finnish Environment Institute (SYKE) and the Technical Research Centre of Finland (VTT) - 芬兰水论坛的理事长单位,包括了 Alleco 公司,芬兰环境研究所(SYKE) 和芬兰国家技术研究中心(VTT)
- Provides your organization with the latest knowledge on water related issues - 提供与水有关的国际最新进展
- Program included more than 200 hours of guided lectures, seminars and field visits to companies, authorities and field level sites, as well as self-study components on the various topics covered - 该培训涵盖了广泛的主题,超过 200 个小时的指导讲座、研讨、针对性的 公司与机构考察,以及自学等形式
- Learn more!



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Some further cooperation ideas

- With China Water Engineering (CWEC)
- With China Water International Engineering Consulting Co., Ltd (CWIECC)
- With other Chinese companies or institutions
- Topics/cooperation with the Finnish companies may include:
 - Joint projects in China or elsewhere
 - Value chain deliveries, subcontracting
 - Partner arrangements, JVs
 - Other forms of cooperation
- We invite you to
 - Discuss in more detail in this matchmaking!
 - Visit Finland!

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Contact us at FWF to find your Finnish Water Partners -
联系我们FWF找到你的水的芬兰合作伙伴

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