



south pole
group

Fact Sheet Sustainability Action

south pole group - Corporate Water Solutions

Context

Freshwater is an indispensable resource for communities and businesses around the world. It is becoming increasingly obvious that this poses the most serious resource-related challenge for the future. Managing water as a resource is complicated, especially due to global climate change and increasing competing fresh water demand.

Challenges in management, availability and quality of water are already having a tremendous impact on quality of life:

- It is estimated that 780 million people around the world lack access to clean water for drinking, cooking and bathing
- By 2025, 1.8 billion people will experience absolute water scarcity, and two-thirds of the world will be living under water-stressed conditionsⁱ
- In 60 percent of European cities with more than 100,000 people, groundwater is being used at a faster rate than it can be replenishedⁱⁱ
- According to IFPRI, 45% of total GDP (\$63 trillion) will be at risk due to water stress by 2050ⁱⁱⁱ

With finite supply, water is an important resource that must be strategically managed on a global level. A strong corporate water stewardship strategy helps companies to reduce their risk, become leading environmental stewards and ensure long-term business success.

A trusted partner for water solutions

south pole group is well positioned to assist your organization to improve your water strategy. Engagements can be targeted for better operations, better reputation and greater health within your community.

With south pole group, you can:

- Understand your water risk and develop a strategic corporate water stewardship plan
- Create targeted projects to mitigate these risks and have a positive impact
- Leverage innovative financing to ensure your project dollars go further
- Monitor and evaluate your progress and communicate your impact

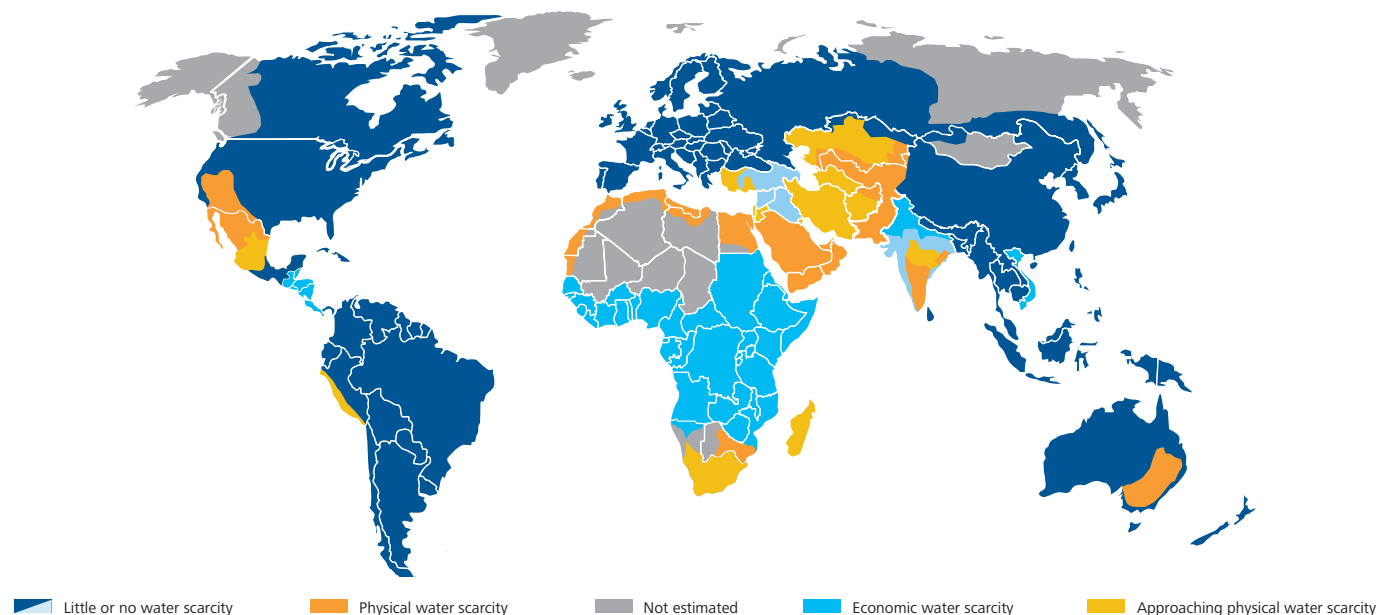
The water topic is on the top of corporate and political agendas. We are confident that our new service offering corresponds to a pressing market need. If your company is interested in setting up or improving its water stewardship strategy, we would be excited to support you in reaching your goals.

ⁱ Food and Agriculture Organization of the United Nations (FAO) and UN-Water

ⁱⁱ World Business Council for Sustainable Development

ⁱⁱⁱ IFPRI, Sustainable Food Security Under Land, Water, and Energy Stresses, 2012 Global Hunger Index

Figure: Insights from the Comprehensive Assessment of Water Management in Agriculture, International Water Management Institute





Sample south pole group water projects

Safe drinking water in East Africa

- Safe drinking water for 3 million people in Kenya, Uganda and Malawi
- Chlorine dispenser technology
- Monitoring results using quantitative methodology
- Collaboration between the private sector, Evidence Action and USAID
- Allows private sector players to fight waterborne diseases within their value chains

Watershed restoration in Colombia

- The reforestation project enabled a local livestock processing facility to begin restoring the watershed within which it operates
- Better balanced water run-off: lower peak flow and higher base flow
- Reduced soil erosion and increased quality of downstream water
- Project tackled environmental and social problems within the watershed

Wastewater treatment in Thailand

- Cassava production requires large quantities of heavy fuel oil and water for washing and drying
- Processing produces wastewater with a pungent odor
- Cleaned water from the wastewater cycle is used for fish farming and irrigation of nearby fields
- south pole group worked with a local cassava exporter to develop a methane capture tank from the wastewater



Why work with us

Global team

south pole group is a sustainable solution and service provider. We are a global team with over 100 enthusiastic climate professionals from 22 different nationalities, based in offices spanning 6 continents.

Proven impact

Since 2006 we have measured the climate impact of countless companies and products worldwide. We have screened USD 30+ bn of investments for their climate impact and we have developed 270+ projects in renewables, forestry, agriculture, industry and households. Through our efforts, 50 million tonnes of CO₂ have been saved, almost as much as the annual CO₂ emissions of Portugal. We have enabled the production of 35,000 GWh of renewable energy (more than the annual electricity consumption of Denmark), and mobilized over USD 6 bn for clean energy investments in emerging markets. In total, our projects have helped create almost 20,000 jobs in developing countries and we saved 17,000+ hectares of forest from deforestation, about the size of 24,000 soccer pitches.

Added value

We help you grow your business with groundbreaking solutions for dealing with the environment and the needs of society.



thesouthpolegroup.com/projects

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