Training Course on Water Stewardship and Resource Efficiency for CEOs

Professional Development Training Course Outline

Category	CEOs and Directors	**Duration**	10 Days
Base Fee	$3,000 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

In an era defined by **climate change**, **resource scarcity**, and increasing **ESG demands**, proactive **water stewardship** and **resource efficiency** have transcended mere operational concerns to become critical drivers of **business resilience**, **competitive advantage**, and **long-term value creation**. Training Course on Water Stewardship and Resource Efficiency for CEOs is meticulously designed to equip CEOs and senior leaders with the strategic insights and actionable frameworks necessary to embed sustainable water management at the core of their enterprise strategy, fostering **innovation**, mitigating **water risks**, and unlocking significant **financial and reputational benefits**.

Beyond compliance, effective water stewardship represents a profound opportunity for **corporate leadership** to champion **environmental sustainability** and drive **responsible business practices**. By understanding global **water challenges**, optimizing **operational efficiency**, and engaging in **collective action** within shared **river basins**, organizations can not only secure their own **water security** but also contribute to broader **societal well-being** and **ecosystem health**. This program empowers CEOs to transform water from a vulnerability into a catalyst for **sustainable growth** and **stakeholder trust**.

Programme Curriculum

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Course Duration

10 days

Course Objectives

1. Develop advanced strategies to identify, assess, and mitigate **water-related risks** across global operations and supply chains.
2. Seamlessly integrate **water stewardship metrics** into Environmental, Social, and Governance (ESG) reporting and **sustainable finance** frameworks.
3. Implement **circular economy** models for water, emphasizing **water reuse**, **wastewater treatment**, and **resource recovery**.
4. Drive significant improvements in **water efficiency** through **smart technologies**, **digitalization**, and **process optimization**.
5. Build **climate-resilient** water strategies to adapt to **water scarcity**, **flooding**, and changing hydrological patterns.
6. Extend **water stewardship** practices throughout the entire **value chain**, influencing suppliers and downstream partners.
7. Understand and engage effectively with evolving **water governance** frameworks, **regulations**, and **public-private partnerships**.
8. Quantify the **economic value** of water and integrate **natural capital accounting** into business decision-making.
9. Explore and leverage cutting-edge **water technologies**, including **desalination**, **smart sensors**, and **AI-driven water management**.
10. Foster impactful **collective action** and **multi-stakeholder collaboration** for regional **water security**.
11. Implement robust **sustainable supply chain** practices to ensure responsible water use among critical vendors.
12. Enhance **brand reputation**, build **consumer trust**, and secure **social license to operate** through transparent water stewardship.
13. Position the organization as a **leader in water sustainability**, driving industry best practices and thought leadership.

Organizational Benefits

- Reduced operational costs through efficiency gains, increased access to **green finance**, and avoided water-related financial risks.
- Proactive identification and mitigation of **water scarcity**, **flood**, and **pollution risks**, ensuring business continuity.
- Bolstered **corporate image**, increased **investor confidence**, and enhanced **customer loyalty** through demonstrated environmental responsibility.
- Staying ahead of evolving **water regulations** and proactively adapting to future policy shifts.

- Fostering a culture of **innovation** in water management, leading to new products, services, and market opportunities.
- Building more **resilient supply chains** by addressing water vulnerabilities among suppliers.
- Attracting and retaining top talent by showcasing commitment to **sustainability** and **responsible business practices**.
- Directly contributing to UN Sustainable Development Goal 6 (Clean Water and Sanitation) and other related SDGs.
- Minimizing the organization's **water footprint** and positive impact on local **ecosystems**.

Target Audience

1. Chief Executive Officers (CEOs)
2. Chief Sustainability Officers (CSOs)
3. Chief Operating Officers (COOs)
4. Board Members and Senior Executives responsible for long-term strategy
5. Heads of Corporate Social Responsibility (CSR)
6. Heads of Environmental, Social, and Governance (ESG)
7. Investment Managers focused on sustainable portfolios
8. Public Affairs and Government Relations Leaders dealing with water policy

Course Outline

Module 1: The Global Water Crisis and Business Imperative

- Understanding the escalating global water crisis: scarcity, pollution, and climate impacts.
- The business case for water stewardship: risks, opportunities, and financial implications.
- Interconnections between water, energy, food, and climate change.
- The CEO's role in driving strategic water management.
- **Case Study:** The impact of severe drought on a global beverage company's operations and supply chain resilience.

Module 2: Water Risk Assessment and Materiality

- Methodologies for comprehensive water risk assessment
- Identifying operational, reputational, regulatory, and financial water risks.
- Mapping water dependencies and impacts across the value chain.
- Defining water materiality for strategic business decisions.
- **Case Study:** A multinational tech company assessing water risks in its semiconductor manufacturing facilities in water-stressed regions.

Module 3: Strategic Water Footprinting and Target Setting

- Calculating and understanding the organizational water footprint
- Setting context-based water targets aligned with scientific benchmarks and SDGs.
- Tools and metrics for measuring water performance and progress.
- Integrating water targets into overall corporate sustainability goals.
- **Case Study:** A global apparel brand setting ambitious water reduction targets across its dyeing and finishing processes, showcasing transparent reporting.

Module 4: Water Efficiency and Optimization in Operations

- Best practices for industrial water efficiency: process optimization, leak detection, smart metering.
- Implementing water-saving technologies and innovative solutions in manufacturing.

- Water audits and efficiency improvement programs.
- Employee engagement and behavior change for water conservation.
- **Case Study:** An automotive manufacturer achieving significant water savings through closed-loop systems and advanced wastewater treatment.

Module 5: Water Reuse and Circular Economy

- Principles of circular economy applied to water resources.
- Technologies and strategies for industrial water reuse and recycling.
- Turning wastewater into a valuable resource: nutrient recovery, energy generation.
- Regulatory and technical considerations for advanced water treatment.
- **Case Study:** A chemical company implementing a large-scale water recycling program, drastically reducing freshwater intake and discharge.

Module 6: Water and Energy Nexus

- Understanding the intertwined relationship between water and energy consumption.
- Strategies for reducing energy in water and wastewater treatment.
- Optimizing water use in energy production (e.g., cooling towers, hydropower).
- The role of renewable energy in sustainable water management.
- **Case Study:** A utility company investing in renewable energy sources to power its water treatment plants, reducing both carbon and water footprints.

Module 7: Supply Chain Water Stewardship

- Assessing and addressing water risks in the upstream supply chain.
- Engaging suppliers on water performance and best practices.
- Developing water-smart procurement policies and guidelines.
- Tools for supply chain water risk assessment and collaboration.
- **Case Study:** A major food and beverage company collaborating with agricultural suppliers to implement water-efficient irrigation techniques in high-risk basins.

Module 8: Water Governance and Policy Landscape

- Overview of international and national water governance frameworks.
- Understanding water rights, regulations, and permits.
- Engaging with policymakers and regulatory bodies on water issues.
- The role of corporate advocacy in shaping sustainable water policy.
- **Case Study:** A mining company successfully navigating complex water permitting processes through proactive stakeholder engagement and transparent practices.

Module 9: Collective Action and Basin-Level Stewardship

- The importance of collective action for shared water resources.
- Partnerships with NGOs, communities, and other industries in river basins.
- Developing and implementing basin-level water stewardship initiatives.
- The Alliance for Water Stewardship (AWS) Standard and certification.
- **Case Study:** Multiple corporations collaborating in a highly water-stressed river basin to fund restoration projects and promote sustainable agricultural practices.

Module 10: Finance, Investment, and Water

- Integrating water risks and opportunities into investment decisions.
- Accessing green bonds, sustainable loans, and impact investing for water projects.
- Investor expectations regarding corporate water performance and disclosure.

- Valuing water as natural capital for financial reporting.
- **Case Study:** A pension fund divesting from companies with poor water management practices and investing in water-efficient technologies.

Module 11: Innovation and Disruptive Water Technologies

- Emerging technologies in water treatment, monitoring, and management.
- Digital transformation: IoT, AI, and Big Data for smart water systems.
- Desalination and alternative water sources: advancements and considerations.
- Investing in and scaling innovative water solutions.
- **Case Study:** A municipal utility adopting AI-driven leak detection systems, leading to significant water loss reductions and cost savings.

Module 12: Communication, Reporting, and Transparency

- Effective communication of water stewardship performance to stakeholders.
- Best practices in water reporting (e.g., CDP Water, GRI standards).
- Building trust and reputation through transparent disclosure.
- Avoiding greenwashing in water sustainability claims.
- **Case Study:** A consumer goods company publishing a detailed annual water report, exceeding standard reporting requirements and engaging directly with critics.

Module 13: Building a Water-Resilient Organization

- Developing a comprehensive water stewardship strategy integrated with corporate strategy.
- Scenario planning for future water challenges.
- Building internal capacity and fostering a culture of water consciousness.
- Integrating water resilience into business continuity planning.
- **Case Study:** A diverse manufacturing conglomerate developing a long-term water resilience roadmap across its global operations, incorporating climate projections.

Module 14: Leadership and Change Management for Water Stewardship

- Leading organizational change towards water sustainability.
- Inspiring commitment and fostering innovation across departments.
- Developing and empowering water champions within the organization.
- Overcoming internal and external barriers to water stewardship implementation.
- **Case Study:** A CEO championing a radical shift in corporate water policy, overcoming internal resistance and achieving widespread adoption.

Module 15: Future Trends and Strategic Outlook

- The evolving landscape of global water challenges and opportunities.
- Emerging regulations, standards, and market demands related to water.
- The role of water in the broader **net-zero** and **nature-positive** agendas.
- Strategic foresight for long-term water business planning.
- **Case Study:** A think tank's analysis of future water scarcity impacts on global industries and recommended proactive strategies for business leaders.

Training Methodology

This executive training course will employ a highly interactive and results-oriented methodology, designed for senior leaders:

- **Interactive Workshops & Discussions**: Facilitated group discussions, peer-to-peer learning, and strategic problem-solving sessions.
- **Real-World Case Studies Analysis**: In-depth examination of successful and challenging corporate water stewardship initiatives from diverse industries and geographies.
- **Expert Keynotes & Guest Speakers**: Presentations from leading water experts, industry pioneers, policy makers, and CEOs with practical experience.
- **Strategic Frameworks & Tools**: Introduction and application of practical frameworks, assessment tools, and methodologies for water risk, efficiency, and reporting.
- **Action Planning & Peer Coaching**: Participants will develop personalized **water stewardship action plans** for their organizations, receiving feedback from peers and instructors.
- **Simulations & Role-Playing**: Engaging in simulated crisis scenarios or stakeholder negotiation exercises related to water.
- **Networking Opportunities**: Dedicated time for high-level networking among participants and experts

Register as a group from 3 participants for a Discount

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Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	04 Dec 2026	Online	$2,000
23 Nov 2026	04 Dec 2026	Physical	$3,000
23 Nov 2026	04 Dec 2026	Physical	$6,000

Start Date	End Date	Location	Price
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$9,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$12,000

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