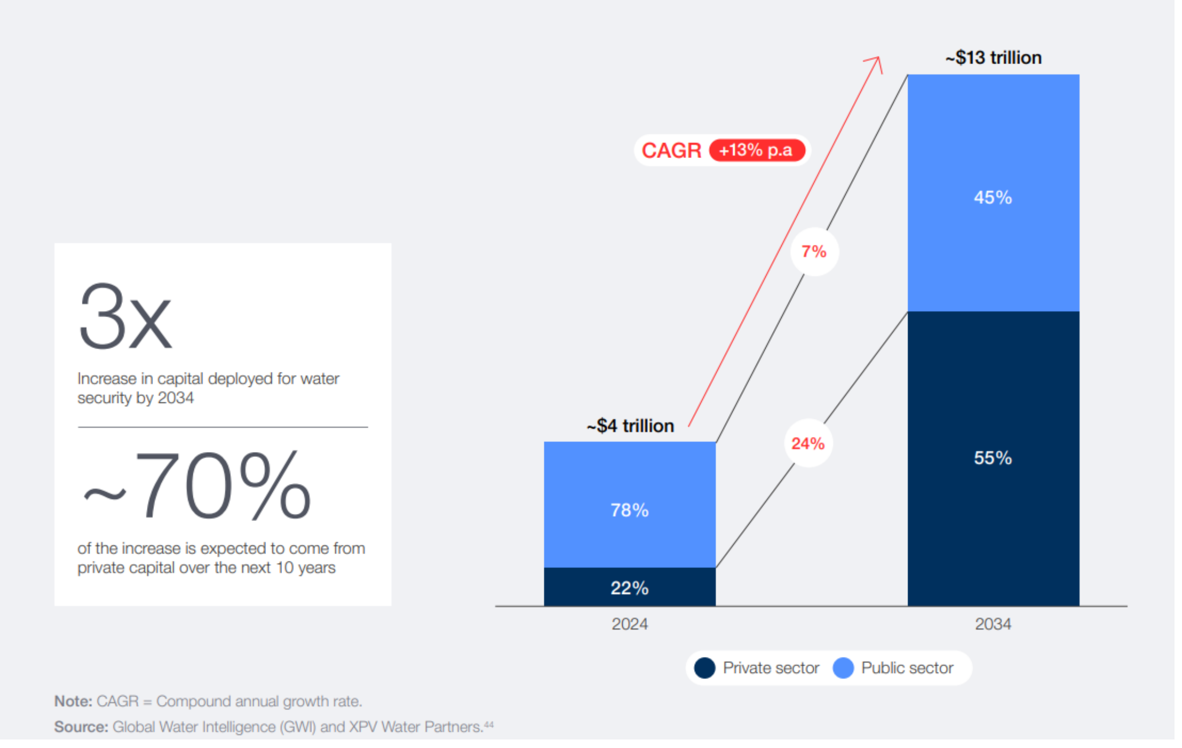
TPG Rise Climate Insight Digest

June 20th, 2025

Chart of the Week

Estimated Capital Utilized in Water Security, 2024 – 2034



Source: World Economic Forum, March 2025

In the coming decade, private capital will surpass public capital in becoming the driving source for water security funding with total capital deployed amongst private and public sources expected to increase from $4 trillion in

2024 to 13 trillion in 2034. Private capital is projected to constitute 55 percent of future funding by targeting opportunities in asset ownership, agriculture, technology, and impact financing. [World Economic Forum]

Energy Transition

According to the IEA, global clean energy investment is expected to reach $2.2 trillion in 2025. Clean energy technologies, such as nuclear, renewables, and energy storage, are projected to attract twice the investment anticipated for fossil fuels. [Reuters]

The UK government will invest £14.2 billion to support the construction of a 3.2-gigawatt nuclear power plant, with the goal of delivering "a golden age" of abundant clean energy. This investment brings the total government commitment to the nuclear project to £17.8 billion. [Bloomberg (Subscription)]

Fervo Energy secured $255 million in new funding to support the deployment of geothermal power in response to the growing demand for 24/7 carbon-free energy. The company plans to use this capital to develop "the world's largest enhanced geothermal systems," meeting the increasing need for clean and reliable energy. [ESG Dive]

Green Mobility

Eurostar recently announced plans to launch new services connecting London to Frankfurt and Geneva as part of its strategy to meet growing business demand for greener travel. The expansion seeks to leverage travelers' increasing willingness to opt for longer train journeys and aligns with the sustainability objectives prioritized by corporate clients. [Financial Times (Subscription)]

UlemCo recently launched a mobile hydrogen refueling vehicle called HyTANKa, designed for use at construction sites. The unit, powered by a hydrogen dual-fuel engine, delivers high-pressure hydrogen directly to on-site machines and, during trials, powered 20-ton dual-fuel hydrogen excavators. [H2 View]

Lucid Group signed a new agreement with Graphite One to secure a supply of US-processed graphite, a key material for its electric vehicle batteries. This agreement is part of Lucid's broader efforts to establish a domestic supply chain for its EV components. [Bloomberg (Subscription)]

Sustainable Materials & Products

Plug Power has been selected to supply 2 gigawatts of electrolyzers for a $5.5 billion green chemicals facility in Uzbekistan. This facility, developed by Australia's Allied Green Ammonia (AGA) and backed by the Government of Uzbekistan, aims to produce sustainable aviation fuel (SAF), green urea, and green diesel. [H2 View]

A group of development banks committed to investing at least 3 billion euros by the end of the decade as part of the expanded Clean Oceans Initiative 2.0. The initiative will focus on developing new technologies, packaging solutions, and recycling methods to reduce the need for virgin plastic while building a pipeline of investable projects. [Reuters]

Chanel launched its new division, Nevold, which aims to enhance luxury circularity by recirculating, recreating, and repurposing used textiles. Nevold, a name derived from "never" and "old,"focuses on addressing Scope 3 emissions and ensuring long-term material sustainability through partnerships with academic institutions and market players, such as leather upcyclers. [Trellis]

Notable Corporate Commitments

Bain & Company announced a strategic partnership with Terralytiq to help companies accelerate supply chain decarbonization. This collaboration focuses on optimizing supply chains for carbon reduction and cost efficiency by leveraging AI-driven analytics and advanced product carbon footprinting methods. [PR Newswire]

DuPont announced that all 13 of its European Union operations are now powered by 100 percent renewable grid electricity. This milestone supports DuPont's 2030 Sustainability Goals and its broader ambition to achieve net-zero carbon emissions by 2050. [ESG News]

Global Climate Commitments and Progress

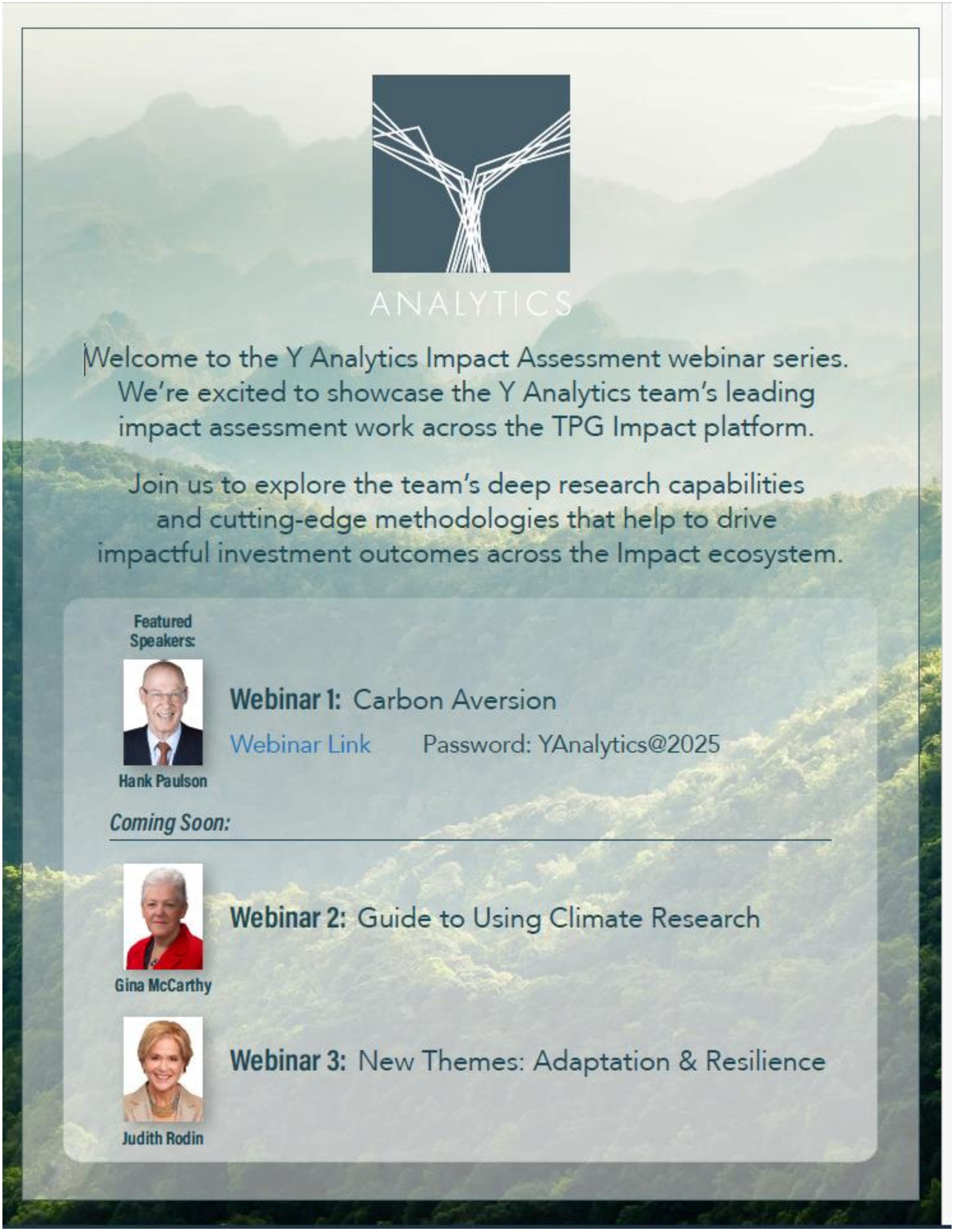
The World Bank pledged $1 billion to assist the Democratic Republic of Congo in advancing the next stage of the Grand Inga hydropower complex. The broader initiative, known as Inga III, has the potential to generate 11,000 megawatts of power, provide electricity to 300 million Africans by 2030, and attract $85 billion in private investment. [Bloomberg (Subscription)]

The European Union announced a new water resilience strategy designed to address potential water shortages and improve water quality across member states. The strategy aims to increase water efficiency across the EU by at least 10 percent by 2030. [Bloomberg (Subscription)]

Multimedia Insights

Y Analytics Webinar 1: Carbon Aversion

Y Analytics and TPG Rise Climate are excited to announce a webinar series showcasing the Y Analytics team's leading impact assessment methodologies and research approaches. The first webinar, titled "Carbon Aversion," features TPG Rise Climate Executive Chairman Hank Paulson and is accessible using the link here (password: YAnalytics@2025) and in the flyer attached at the end of this digest.



A **June 10th** release of [The Energy Gang]() covers topics such as geothermal energy, dealmaking, and the future of clean energy finance. Discussions featured insights from industry leaders on innovative geothermal projects, the evolving landscape of energy financing, and the challenges faced by energy entrepreneurs during periods of political and economic uncertainty.

Climate Events

[TED Countdown Summit]

Dates: June 16 – 18, 2025

Location: Nairobi, Kenya

Preview: The 2025 TED Countdown Summit in Nairobi will unite global leaders, innovators, and changemakers to collaborate on accelerating solutions for a sustainable future. Kenya was chosen for its leadership in renewable energy, with 90 percent of its electricity coming from renewables, and its youthful population driving resilient economic development.

[15th Meeting of the Conference of the Contracting Parties to the Ramsar Convention on Wetlands (COP15)]

Dates: July 23 – 31, 2025

Location: Victoria Falls, Zimbabwe

Preview: The Conference of the Contracting Parties (COP) convenes every three years to establish work programs, set budgets, and provide guidance on wetland conservation, with a focus on the sustainable management of wetlands to maintain their ecological character. Contracting Parties commit to implementing national policies, monitoring programs, and integrated management plans to conserve and sustainably use wetlands for the benefit of both people and nature.