

Sanguine Impact Investment, AbsoluteClimo and AKR Zell Sign Letter of Intent for Green Energy ESG Climate Collaboration

UTRECHT, HONOLULU, SINGAPORE (18 November 2021) - Sanguine Impact Investment, developer, owner and operator of sustainable infrastructure and energy transition projects, AbsoluteClimo LLC, a Hawai'i headquartered leading global climate-finance modeling, forecasting and risk management firm together with its strategic partner AKR Zell Pte. Ltd. a Singapore based reinsurance and actuarial consulting firm, today announced they have signed a Letter of Intent to collaborate on green energy ESG climate initiatives which include green energy project bonds and long-term green energy project planning.

Sanguine's green energy projects comprise late-stage renewable energy, battery storage and green hydrogen development projects located in the Asia Pacific and Africa, supported by Sanguine's Green Energy Project Bond Program which is launching a series of bonds to be listed on the Luxembourg Green Exchange. The green bonds have three year maturities. Sanguine is set to reach a USD 75m - USD 100m first close for its USD 250m Asia Pacific Renewable Energy Fund before the end of the year. The Asia fund will focus on wind, run-of-river hydropower and hybrid solar and battery projects in Vietnam, Indonesia and the Philippines.

Sanguine's green bond investors, project planners and ultimately its people served by capturing Earth's carbon-free renewable supply of energy from the climate system, will all be able to benefit from the multidisciplinary expertise in physical climate modeling, consistently skillful forecasting, financial engineering, machine learning, artificial intelligence and actuarial expertise for future risk and opportunity assessment provided by AbsoluteClimo and AKR Zell applicable to future time scales ranging from three years for Sanguine's green bonds issuances to over three decades for the projects.

Founded in 2016, and with a world first-and-only novel business model pegging success and accountability to its climate forecast skill (accuracy), AbsoluteClimo serves clients in the insurance and risk transfer industry and brings to the table its world first independently developed global climate model, G©TCHA™, and novel machine learning technology. AbsoluteClimo's well calibrated models generate consistently skillful probabilistic forecasts of 57 climate elements and related catastrophic and non-catastrophic financial [outcomes](#), including those which directly impact green energy power futures such as precipitation, river and stream flows, water runoff, wind, and cloud cover. In tandem with this announcement, AbsoluteClimo today [announced](#) ClimoEnergy™.

AKR Zell brings to the table over two and a half decades of experience in the global risk transfer and reinsurance space, with considerable knowledge about climate-driven natural catastrophe risk analytics and assessment. Ahead of the curve, in January actuarial firm AKR Zell and climate firm AbsoluteClimo [announced](#) their strategic partnership, a concept Lloyd's of London executives [agreed](#) with at the 2021 rendez-vous de septembre conference.

"We welcome this revolutionary business relationship with AbsoluteClimo which will allow access to their world class technology to be baked into our investment decisions." said Christopher Leach, executive chairman of Sanguine.

"AbsoluteClimo looks forward to collaborating with Sanguine with their deep and genuine commitment to bringing about material green benefits to both the capital markets and people of Earth especially in countries and continents which are at great risk to impacts from GHG climate change," said Brendan Lane Larson, Co-Founder CEO, Climatologist of AbsoluteClimo. *"With our ten year R&D head start moving at entrepreneurial speed, AbsoluteClimo today provides decision makers with reliable and consistent climate risk and opportunity solutions based on our independently developed physical climate and financial models,"* Larson added.

"Actuarial techniques married with climate forecasting science is a powerful tool and, as we strongly believe, will also be at the forefront of mastering some of the key challenges related to climate change that lie ahead of us. We look forward to collaborating with Sanguine and hold them in high regard," said Andreas Karl Robert Zell, Managing Director at reinsurance and actuarial consulting firm AKR Zell Pte. Ltd.

About Sanguine

Sanguine Impact Investment originates, develops, owns, operates and finances sustainable infrastructure and energy transition projects. It gives preference to projects that solve real sustainability and community problems and naturally align with the UN Sustainable Development Goals and host Government objectives. It seeks to avoid overly politicised situations, vital strategic assets, crowded markets, and other circumstances with magnified risk. (<https://sanguineimpactinvestment.com>)

About AbsoluteClimo

AbsoluteClimo's (absoluteclimo.com) mission is bettering life on Earth (☉) by helping people impacted by climate variability and change. We serve business verticals in energy,

agriculture, water resources, tourism, human health, financial services including re/insurance, insurance-linked securities, pensions, superannuations, private equity and the emerging ESG responsible investments markets. Media contact: Arnold Ku arnold.ku@absoluteclimo.com

About AKR Zell

AKR Zell Pte. Ltd. (akrzell.com) is a Singapore-based boutique actuarial firm providing consulting services along the entire risk transfer chain. Its global footprint includes Asia, Bermuda, Europe and Australia/NZ. For more information the firm can be contacted at info@akrzell.com.