



Sterling Development Global

Sustainability Solutions Through Systemic Thinking

1. An Introduction to Sterling Development Global

www.sterlingdg.com

www.skywater.com

2. Current Technologies

3. Current Projects

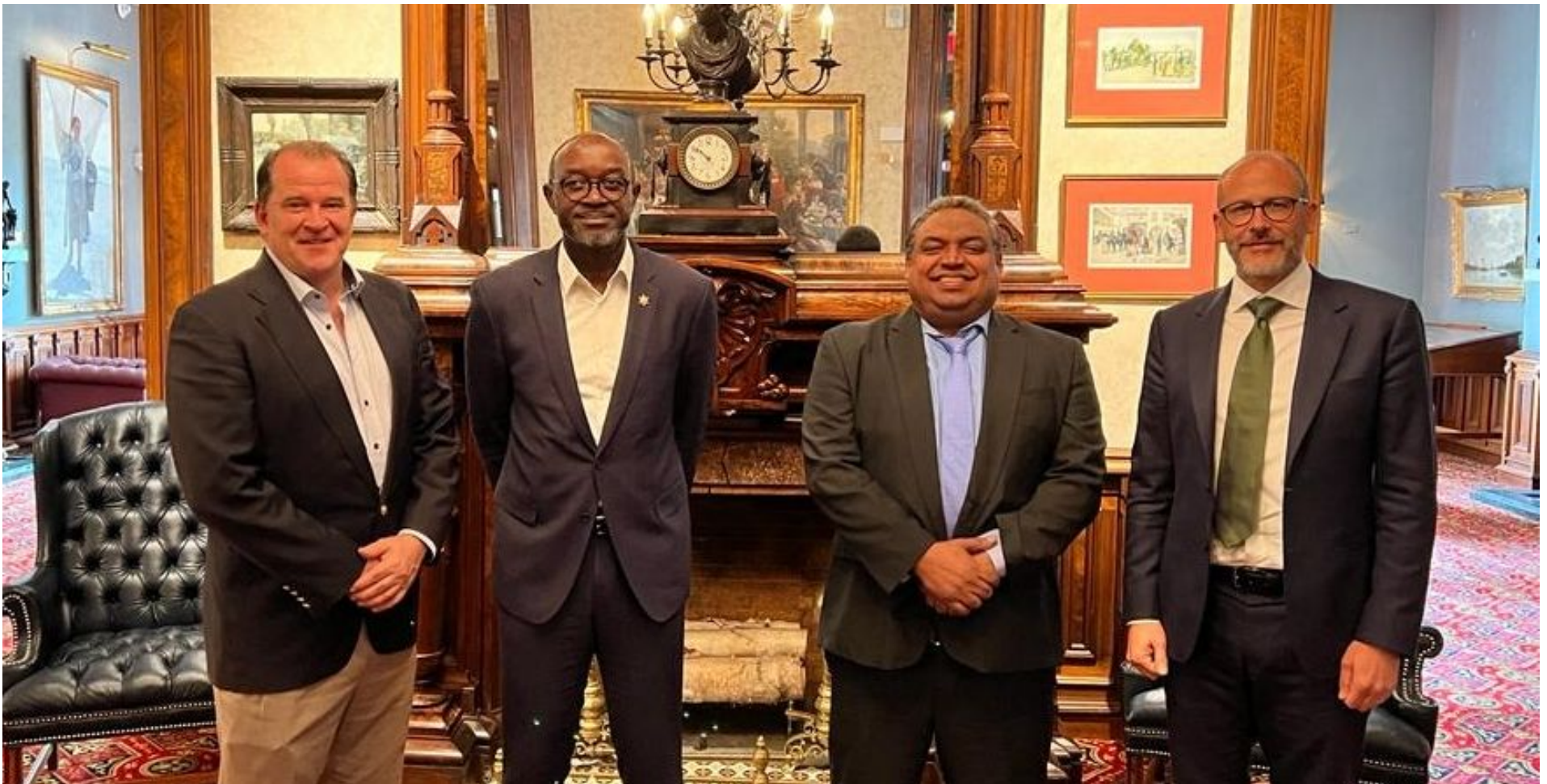
4. Introduction To Team Members



Sterling Development Global

Sustainability Solutions Through Systemic Thinking

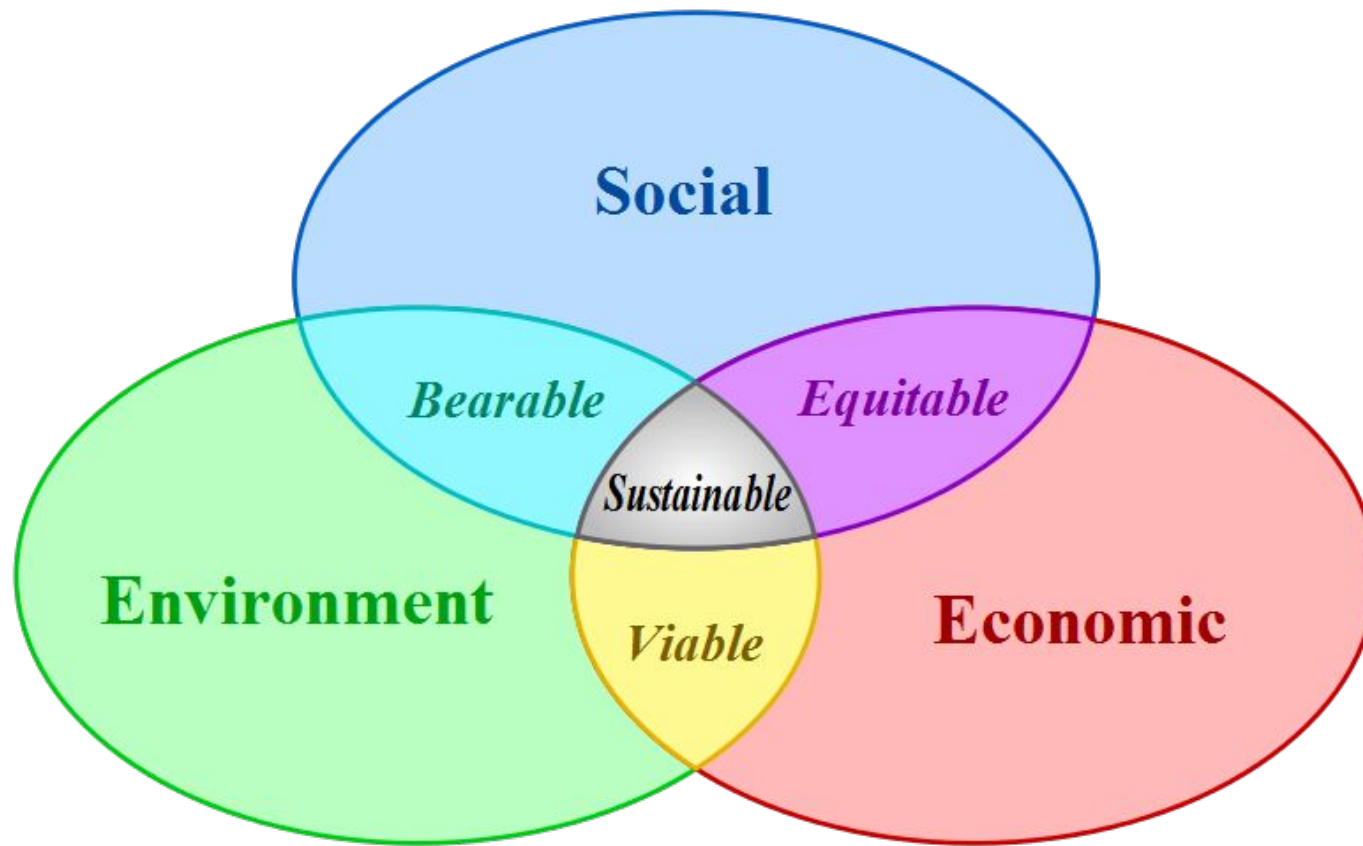
Strategic Alliance Partner: www.bridgin.eu





Sterling Development Global

Sustainability Solutions Through Systemic Thinking

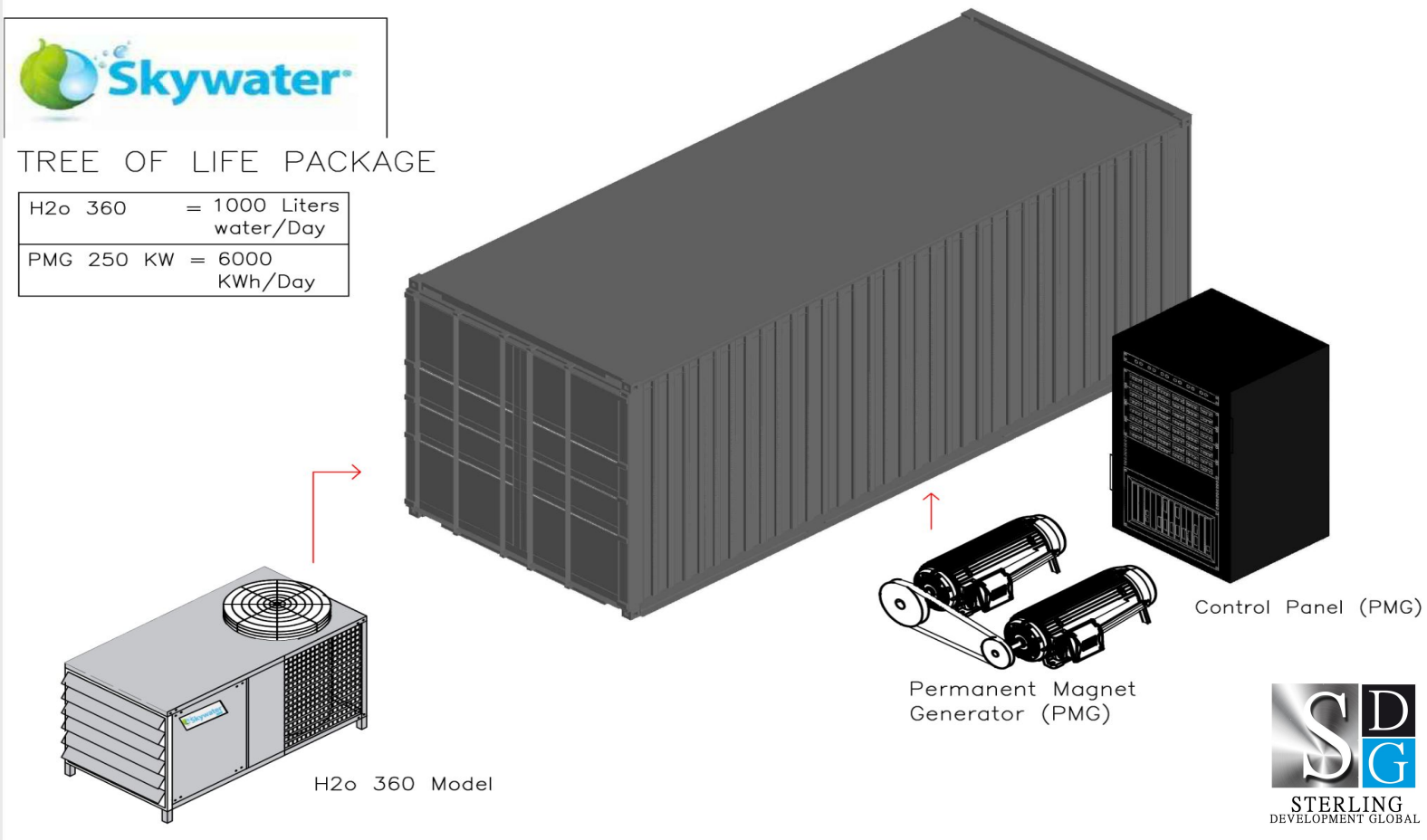


Take innovative technologies, refine them, and group them together to provide **systemic solutions** that account for all variables

Sterling Development Global

Sustainability Solutions Through Systemic Thinking

Combine the technologies with the TREE OF LIFE design to develop **systemic solutions** to resolve complex and challenging problems.





Develop custom and complete **Systemic Solutions based on the distinct needs and requirements of the local projects.**

Ensure full Systemic Sustainability within the scope of the Project Development including:

- Environmental & Ecological Project Sustainability
- Economic & Financial Project Sustainability
- Sociological or Social Project Sustainability
- Generation of Short-term and Long-term ROI
- Ensure Potential for Growth and Expansion

Customize and Integrate the requisite technologies specific to the project needs

- Determine which technologies are necessary based on situational requirements
- Determine which technologies are beneficial and potentially necessary based on local requirements
- Ensure technological capability and compatibility
- Present comprehensive, **sustainable**, package solutions



OPERATIONAL LOCATIONS

Sterling Development Global currently has operational capacity and government and/or NGO support in the following locations as well as Country Managers, Project Managers, Technology Owners, and Sales people actively engaged in negotiations:

- **United States of America (Multiple locations)**
- **Costa Rica (Orotina)**
- **Japan (Multiple Locations)**
- **Mexico (Multiple Locations)**
- **Philippines (Multiple Locations)**
- **Dutch Netherlands**
- **Belgium**
- **Morocco**
- **Ecuador**
- **Peru**
- **Democratic Republic of the Congo**
- **Nigeria**
- **South Africa**
- **Greece**
- **Caribbean (Multiple locations)**
- **Israel**
- **Honduras**
- **Panama**
- **Colombia**
- **Egypt**

WHAT TECHNOLOGY IS AVAILABLE NOW?

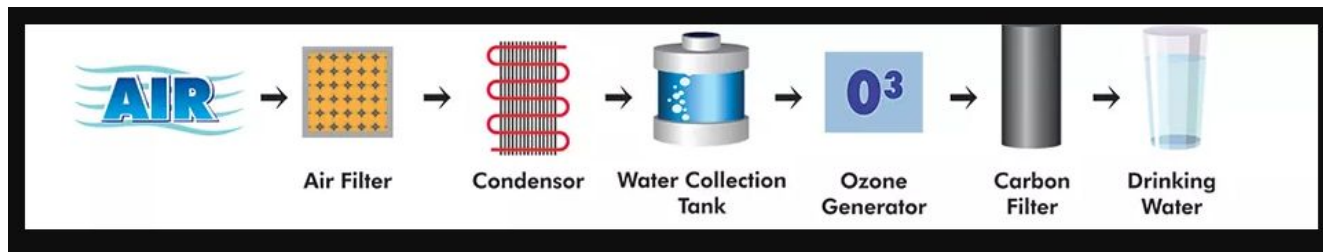


- Atmospheric Water Generator (AWG) Technology
- Permanent Magnet Generator (PMG) Technology
- Alpha Water (AWT) Technology
- Water Desalination & Decontamination
- Waste Processing (MSW & Wastewater)

Super fund Site Cleanup – Municipal Solid Waste Elimination – Point of Use and Commercial Scale Clean Energy Production – Wastewater Management – Water Desalination – Water Purification – Water Decontamination – Water as a Public Utility – Community Development Centers to provide for Displaced and other Indigent Communities – Individually tailored **Systemic Solutions**

ATMOSPHERIC WATER GENERATORS

Current Water Solutions include **Atmospheric Water Generators (AGW)**. Operational technology = clean, potable water in areas where water resources may not presently be available.



Technology can be visited in current commercial operations

Strengths: Excellent solution for isolated areas and tropical environments.

Weaknesses: Limited capacity in low humidity & winter environments.

NUMEROUS PROJECTS CURRENTLY AWAITING MANUFACTURING FUNDING

SKYWATER X-PRIZE WINNER

Our line of SKYWATER products is the most economical and technological equipment to generate atmospheric (water from humidity) in the world so we have gained the full support of the market. As the winner of the most prestigious [X-prize](https://water.xprize.org/prizes/water-abundance/teams/the_skysource_skywater_alliance), Skywater is the top proven patented technology and revolutionary innovator of water solutions:



https://water.xprize.org/prizes/water-abundance/teams/the_skysource_skywater_alliance

At the culmination of a two-year water extraction competition, our technology was awarded the world's top prize by generating potable drinking water for less than \$.02 per liter per day.



COMPREHENSIVE WATER SOLUTIONS

Alpha Water (AWT) Technology

Wastewater Management:

Desalination

Water Decontamination

Wastewater Recovery

Superfund Site Decontamination

MSW & Wastewater

Technology can be visited in testing environments

Municipalities interested in Sustainable solutions





WATER DECONTAMINATION & RECLAMATION

There are many programs already in negotiation within the continental United States of America for the water reclamation efforts.

The focus of these efforts is in mining communities, most notably oil fields and metal mining operations where contaminants are routinely introduced into the local aquifers, rivers, and other systems.

Current negotiations are underway in Texas, Nevada, and the Dakotas for the reclamation of contaminated waters.





COMMERCIAL WATER AS A UTILITY

Technology can be visited in commercial use and in testing environments

Strengths: Water can be extracted from the Atmosphere or from local water sources even in cases where local water resources are currently polluted, contaminated, or otherwise compromised. Water can be introduced for agricultural production as well. Our systems may also be used for site cleanup, including environmental disaster recovery, superfund sites, and polluted waterways for aquifers, rivers, lakes, and oceans.

CURRENT PROJECTS IN NEGOTIATION INCLUDE SUPERFUND SITE CLEANUP OPERATIONS WITH HIGH ROI (BASED ON INDEPENDENT LAB TESTING AND RESULTS FOR WHICH FUNDING IS REQUIRED) THE PROVISION OF WATER IN ISOLATED LOCATIONS, INCLUDING THE CLEANUP OF LOCAL AQUIFERS AND RIVERS FOR GOVERNMENT WATER UTILITY PROJECTS IN GREECE, AFRICA, PHILIPPINES, COSTA RICA, CARIBBEAN NATIONS AND OTHER AREAS AROUND THE WORLD WHERE NEGOTIATIONS ARE ALREADY UNDERWAY AND AWAITING INDEPENDENT LABORATORY TESTING AND RESULTS – LAB TESTING IS LIMITED AND EXPENSIVE BASED ON NUCLEAR COMPONENTS FOR RADIOACTIVE NEUTRALIZATION CAPABILITIES FOR DOE CLEANUP PROJECTS



WATER AS A PUBLIC UTILITY

Water production and water security are major concerns across much of the world. In some locations, the existing water supplies are contaminated and in other cases, water is a scarce resource and must be produced through AGW and/or AWT technologies.

Currently, the provision of water as a public utility is one of the most common project entry points. In many cases, more systemic solutions can be introduced allowing for an increased potential for ROI and an expansion of company operations within the local areas.

Current areas in active negotiations include many Caribbean and African nations, the Philippines, Costa Rica, Greece, Japan, and other areas wherein projects have been introduced that may benefit from the inclusion of the provision of water as opposed to more limited efforts including water reclamation or water purification for existing water resources.

ENVIRONMENTAL CLEANUP OF WATERWAYS



Many nations around the world are focused on the cleanup and elimination of waste from inland waterways, landlocked bodies of water, and the surrounding oceans.

Sterling Development Global is already working with government officials in parts of Africa, the Philippines, Costa Rica, and other areas to assist in the environmental cleanup and restoration of their water resources.



RIVER RECLAMATION PROJECT

This project is merely conjecture at this stage, but does have the support of some local and national government leaders. The concept is to utilize the waste management and MSW elimination program to initiate the project on a small, local scale.

The original project will serve as a proof of concept and will be used to sell additional projects.





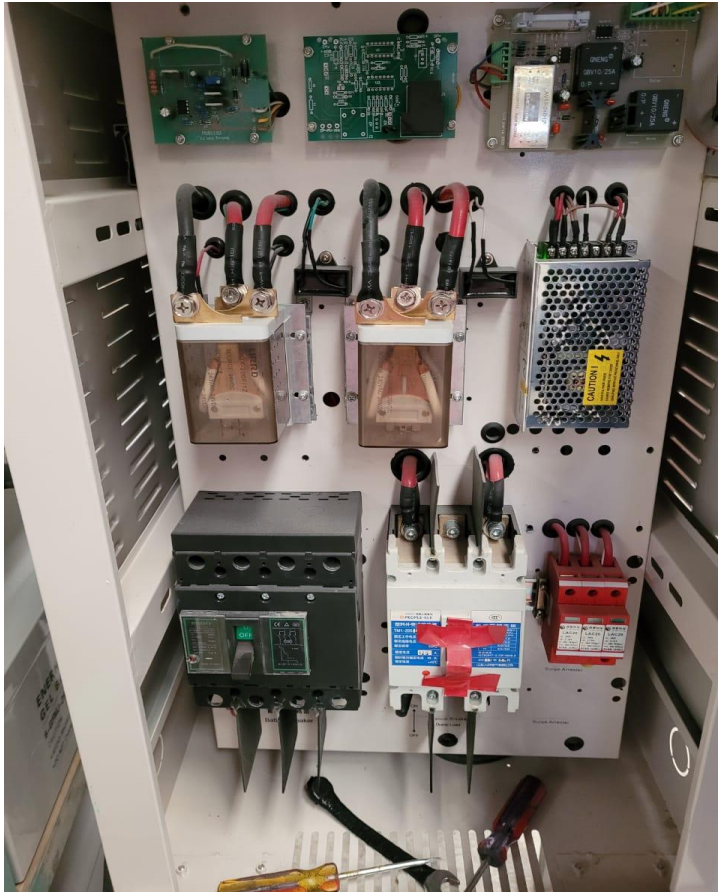
CLEAN ELECTRICAL ENERGY PRODUCTION

Technology can be visited in testing environments

Strengths: PMG Technology has been operational in a testing environment for more than two years. Zero fuel introduced into system. Full telemetry tracking of systems and operations. Can be integrated into challenging areas where grid access, wind, solar, and other solutions are not viable or accessible.

Current battery technology being researched by our engineers for optimal maximization. Funding required to conduct more comprehensive testing into commercial markets.

275 KILOWATT POINT OF USE CLEAN ENERGY PRODUCTION SYSTEM IN HAWAII



This project has already been approved for implementation in a Joint Venture between Sterling Development Global and the Native and Veteran-owned International Contractors we are partnered with in the State of Hawaii.

This project will serve as a test project. In the event the results are favorable, additional commercial-scale power plants will be constructed within the State of Hawaii.

This will result in long-term ROI given the nature and construct of the Power Purchase Agreements and other long-term securities that may even be traded in order to increase revenue generation.

50 Megawatt Power Plant in Trujillo, Honduras

The locations are being negotiated for a 50 Megawatt Clean Energy Power Production Plants in order to provide electrical power to the residential and industrial development of lands in Trujillo, Honduras.





Three 100 Megawatt Power Plants and Commercial Sustainable Community Development in Costa Rica

The locations have been selected for the installation and operation of three 100 Megawatt Clean Energy Power Production Plants in order to provide electrical power to the residential and industrial development of lands in Costa Rica.

Each plot of land has been carefully selected in the event that the negotiations for the Dry Canal can be successfully concluded in the future. The select lands include strategically located areas for land and sea ports on both the Caribbean and Pacific Coasts, with some residential but more industrial development to proceed in the coastal regions and residential development to be conducted in the central regions. Resort facilities will be included in all three locations.

ROI will be generated on both the short-term and the long-term through sales of housing, Power Purchase and other Utility-based securities, and over the long-term from the continued ownership and operations. Potential is greatly expanded with the ability to focus on the funding and implementation of the Dry Canal Project, which would allow the “passage” of the super-freighters that are too large for passage through the Panama Canal, and the expansion of industrial jobs and revenue during the development.

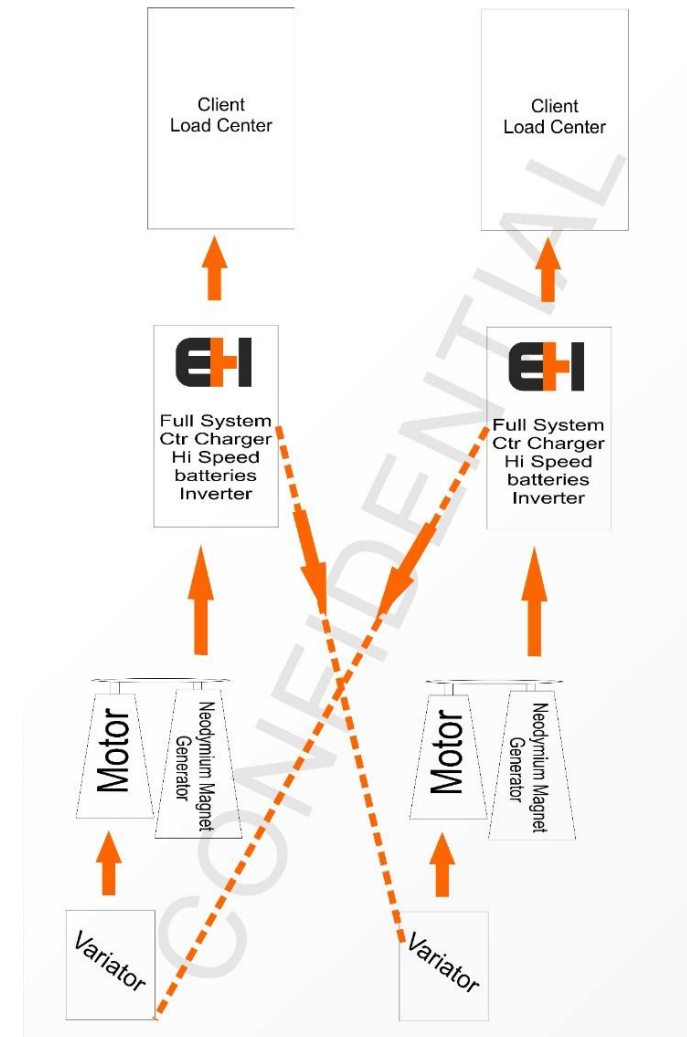
PMG Technology



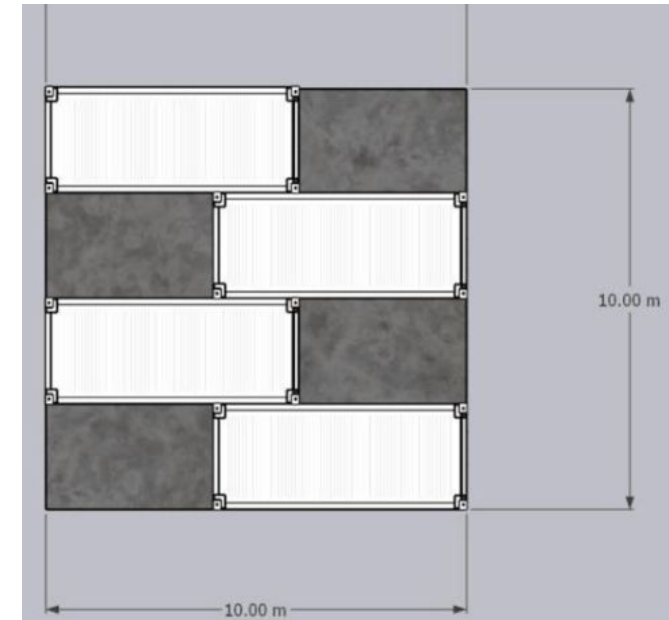
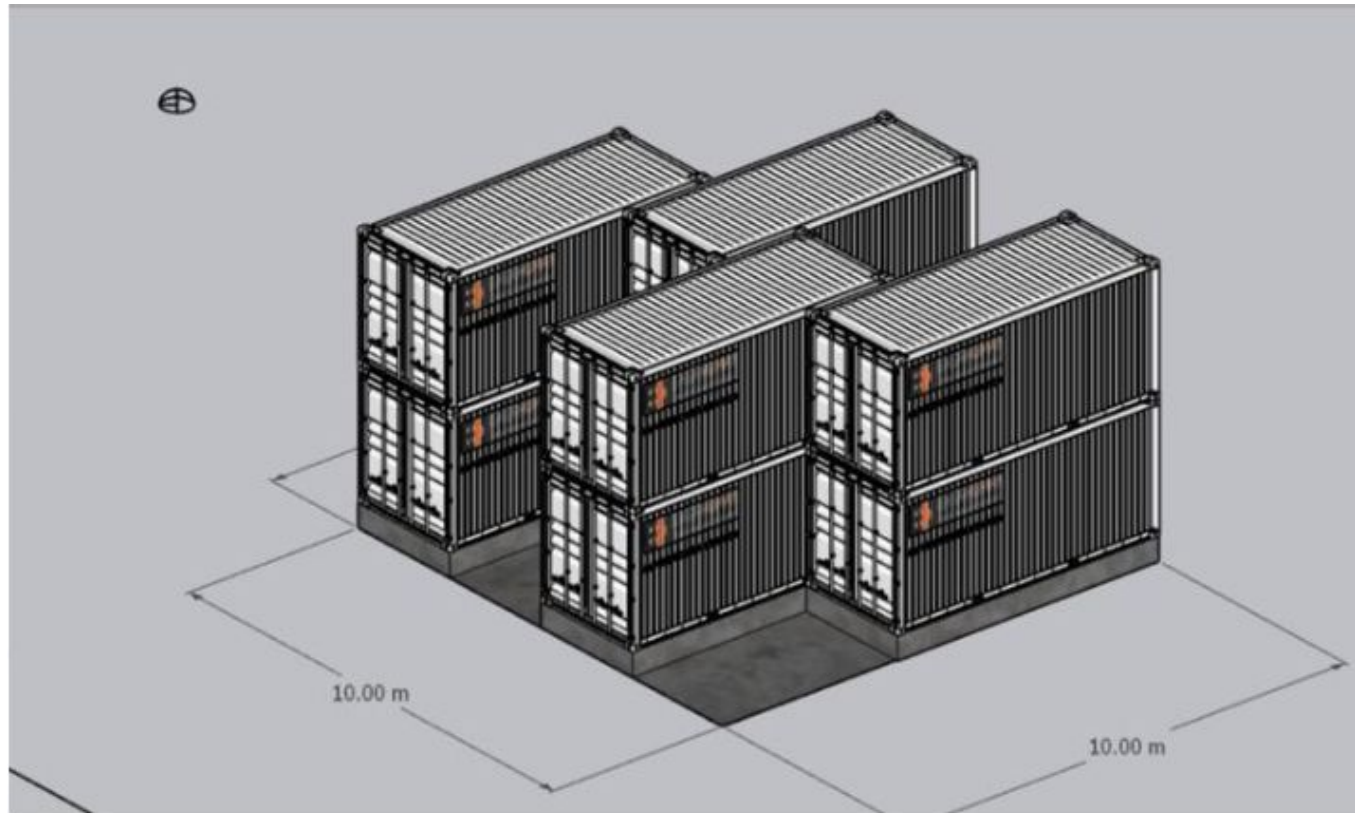
PMG Technology



PMG Technology



PMG 1 MW Stackable Modular Structure



MEET THE TEAM MEMBERS



Sterling Development Global, as the name implies, has people strategically located around the world. Some of the people currently involved are executive and administrative level members of the team, some are tech owners, and some are the operational people necessary to get the projects up and running and to ensure the continued success of operations.

MEET SOME OF THE TEAM MEMBERS WORKING HARD TO MAKE THIS ALL MATERIALIZE WORLDWIDE



Images: Left to right & top to bottom. SDG in Mexico with commercial installation of clean energy technologies. Celebration of successful testing & implementation of Green Energy project in Guadalajara. University of Utah recognized for artificial breathing assistance for newborn infants. Project Management & Oversight for Taiwan. Project Approval for 50Mw Government Clean Energy plant in Honduras. Verification of the manufacturing capabilities and production capacities of the Atmospheric Water Generation in Florida.

Gary D. Henderson



Gary D. Henderson is one of the Founders of Sterling Development Global and also of OPISAC Global, a humanitarian organization focused on sustainable community centers for the eradication of poverty through education, training, tools, and opportunity.

Gary has been a successful entrepreneur his whole life and is fluent in French. His integrity, business experience and leadership bring invaluable influence for the projects.

Sterling Development Global is a strictly commercial venture, but Gary's proceeds will be utilized to expand humanitarian efforts for the direct and tangible benefit of the indigent class through OPISAC Global.



Gilberto Molina

Gilberto is the President and owner of the international organization 20 Solar Energy with over 100 employees around the world and thousands of independent contractors. As a Strategic Alliance partner of SDG and H2O he has numerous projects and is focused now on implementation.

Technical leader with comprehensive industrial project experience. Extensive expertise in Automation Products and Solutions Packages for Large Applications. Over 10 years of rich experience in Project, Sales and leadership positions with a US\$5 Billion corporation of high-tech products. Strong background on new projects applications, new customers and customer relationships. Consistently recognized for delivering projects to completion on time while developing effective design solutions. Team player with excellent analytical and communication skills. Capable and experienced in managing and leading others to achieve sales quotas

Experienced in direct project management of a project team to OEM, Distributors, Solution Providers, Systems Integrators, and end-users. Strong background in industrial services, components, project sales and long term or complex project sales of technical solutions (engineered). Successful management of sales teams (direct and indirect reports), in emerging and highly complex markets, such Latin America Countries. Use of discipline selling methodology: Customer Centric Selling (Commercial Negotiation) and Strategic Selling.



Stephen R. Mahoney



Stephen R. Mahoney is a Founder and also the Executive Director of Project Development and Operations. All of the individual project managers will report to Steve, who will be tracking and recording progress and operational oversight in order to assure all projects stay on schedule and budgets. Steve has 25 years Project Management Experience covering engineering, electrical, mechanical, software, computer, medical, enterprise integration and construction.

An added skill he brings to the table is the ability to establish needed systems to create a centralized global tracking center. The initial function of this center will be tracking the telemetry produced by Power Generating Stations and Water Production Facilities. This is in part to ensure full payment for all utilities being generated, but also to ensure the continued and uninterrupted operations of all systems globally. Having lived many years overseas, Steve brings understanding of doing business in Scandinavia, Europe and Asia.

Ryan Christensen

Ryan Christensen is a Founder and head of research and development as well as the Tech Coordinator for the applicable technologies used in the field for projects across the globe. As a partially disabled veteran he has invaluable experiences from around the world in several business ventures.

He earned his Bachelor's Degree in Mechanical Engineering with a Minor in Nuclear Engineering in December 1977. He has an expansive background in electrical engineering, electronic engineering, and plays a pivotal role by ensuring the efficacy of any and all new technologies introduced by SDG.

Ryan Christensen also has a substantive background in Financial Services and serves as a means to ensure that the investments of SDG as well as project budgets and ROI projections remain within reason.



David A.L. Smith



David A.L. Smith is a Founder and Executive Director of International Sales with more than 30 years of experience in Government Contract Industries. His knowledge of the Government Services Administration (GSA) in addition to the many establishment connections at his disposal make him an invaluable part of the SDG team. As a partially disabled veteran, he has unique access to procure government contracts.

His primary role is to establish the necessary connections and to oversee the documentation necessary for access to the EPA, DOE, DOD and other government agencies, including directing the efforts for overseeing the acquisition of contracts with the federal government for the Superfund sites.

David also brings different technologies to the table and works with the developers and manufacturers in order to ensure product manufacturing.

Mark B. Henderson

Mark B. Henderson is in charge of International Business Development. With a professional background in marketing, finance and sale. Mark also ensures the coordination of the different technologies, patent owners, project managers, and other key personnel for all of the ongoing projects.

He also works extensively with other team members in order to ensure maximum returns for projects, in addition to mitigating any potential disruption to those who may be displaced or otherwise troubled by the larger developments.

Mark is fluent in Spanish and works with patent owners and Developers, the Research and Development Teams, and others in order to ensure that all of the technologies involved provide viable solutions to modern concerns.

Mark also works in cooperation with Project Planners and Designers to allow for a more stable coordination between groups. Mark has lived in Central America and has a very unique understanding of how to do business in Latin America.



Gerardo Browne



Gerardo Browne is fluent in English and Spanish and has alliance business partners and potential partners throughout Latin America. Gerry's keen knowledge and insight of local markets and geopolitical spheres of influence in those regions have brought many important relationships and contacts to SDG and affiliate companies.

He has strong ties to important people in governments and corporate relationships which have added to the quality of partnerships to the group. He is a valuable asset to the growth and development of future endeavors for SDG and H2O.

Marcus WC Tipton

Marcus WC Tipton is a project developer and designer and serves temporarily in the role of the Corporate Secretary. His passion is the establishment of fully sustainable community developments and the integration of humanitarian and commercial ventures for the purpose of a more symbiotic and systemic solutions, tailored to the individual needs of the respective projects.

He has an extensive background with Indigenous tribes around the globe. Seeking to establish systems specifically for the purpose of ensuring a more symbiotic and sustainable measure of human growth and development. He has a unique ability to combine technologies, and integrate concepts into workable programmatic solutions. He currently resides in the Philippines where he has established numerous projects and is focused now on implementation.



James Sweet



James Sweet (Jim) is a licensed professional engineer with 35+ years of experience in power generation, power conversion, cooling, marketing, and project management. He obtained his mechanical engineering degree from the University of Washington in 1978, and spent his career with General Electric, Emerson Network Power, and affiliated companies. He also obtained his MBA from the University of Houston while working for GE.

Jim's engineering degree included a concentration in thermodynamics, heat transfer, and power generation. His work experience provided in-depth knowledge of power plants, batteries, motors, generators, switchgear, and related equipment. He has closely followed the development of alternative energy technologies for over 40 years, and has also designed water desalination technologies. Jim has a strong desire to help in the development and implementation of green power and desalination worldwide.



Jacqueline Ch. Dale

Jacqueline is from Ecuador, Central America has lived in the USA for over 40 years. Fluent in English, she has a vast range of professional experience, including industry specific translation in both Spanish and Portuguese as a Court-certified Legal interpreter and translator within the Courts of the State of Utah.

She has a successful and comprehensive understanding of Residential Real Estate Development and Sales throughout the USA and Latin America. She is a former competitive swimmer and was asked to tryout for the USA Olympic Team, which helped to provide a foundation for her devotion and work ethic. These same traits have proven invaluable to the efforts of Sterling Development Global where she has been an intrinsic part of future Project Planning, Sales, and organizational development.



Melodee Chen



Melodee is from Taiwan, Asia and has lived in the USA for over 30 years. Fluent in English, and Mandarin.

She has a successful and comprehensive understanding of doing business in Taiwan and has been the Director of the Taiwan Chamber of Commerce for the last 10 years. Active in both humanitarian and community service projects. Her background is in product development:

- Product-Developed brand and private labels.
- Pricing-Negotiated costs meet profit margins and bid proposals.
- Production-Assisted production to meet deadlines and ensure quality standard.
- Clients-Ensured satisfaction, trusting relationships and good communication with client.
- Marketing-Assisted marketing and merchandising plan to create business opportunities.
- Budget-Planned yearly budget for the departments.
- Presentation-Presented new product lines for national sales meeting and Clients.

Nancy Michelle Martinez Orellana

Michelle is a key leader, Founder, and President of OPISAC Honduras. Nancy has been an compassionate ambassador for Honduras as she has represented Sterling Global with both the Green Climate fund, the Bridgin Foundation and several government organizations in Honduras. Her experience in Education and training have made her a strong proponent for employment, poverty eradication and **Green Sustainable Technologies** for Honduras. She successfully facilitated meetings with key individuals in the public and private sectors such as Minister of Energy and the President of Honduras.

With a Bachelor of Education and work as a certified English Translator she represents her country well in English. With a background in HR Planning, selection and training of personnel, Payroll, Labor Management Administration, Training, Customer Service, and Project Coordination, she has been prepared to represent these opportunities in Honduras.



Jose Martin

Jose Martin is a key leader and Founder of OPISAC Honduras as well as an equity partner in Sterling Energy Honduras S.A. which is a 50 MW power plant in Trujillo, Honduras. He is our construction specialist representing infrastructure and budget negotiations in several construction projects in Honduras.

Since 2010 he has owned and operated his own construction, operations and maintenance consulting firm in Honduras where he has clients such as the Church of Jesus Christ of Latter-Day Saints.

Professional Education and business experience in construction, business administration, accounting and project management.



Heinee Hinrichsen

Heinee Hinrichsen is an experienced and innovative Instructional Designer with experience providing comprehensive coordination of all product development activities from research to market. With a technically strong background in mobile app, website and graphic design, Heinee offer more than 27 years of expertise and design experience and project management. Led the UI/UX and design strategy for mobile devices & tablets.

- **Strong design and production expertise with emphasis on pixel perfection.**
- **Exceptional communication, interpersonal, and time-management skills.**
- **Responsible for all UI decisions to create visually stimulating and delightful design.**
- **Developed iteratively in response to continuous feedback as requirements changed.**
- **Update UI per changing needs and requirements.**

Develop SCORM-compliant e-learning courses utilizing Articulate Storyline. Develop training manuals, multimedia visual aids, and other educational materials. Analyzed complex content to create outlines, scripts, and detailed storyboards for courses. Collaborated with teams to create courses that resulted in behavioral and cultural changes Skills: Graphic Design, UI, UX, User Research & Testing, Adobe CS, Sketch & Invision



David B Stewart

David Stewart is the President Costa Rica Water Holdings and member of the executive team and investor relations

David Stewart has over four decades of experience in areas ranging from technology to real estate. In his initial years, he had set up several technology firms with innovative products: He has designed a one-way trailer system to track location of trailers and commissions. He has also designed, manufactured and distributed a ten-key pad to make entry of numbers easier on a newly designed low-cost color computer. Between 1980 and 1997, he set up Quality Copies and was responsible for the entire management of the firm. He acquired a golf club manufacturing & marketing company and sold clubs nationwide. He has extensive experience in real estate firms as an appraiser and loan officer/developer. His ownership of many types of companies over the years has given him a well-rounded business knowledge & experience in all aspects of business.



Christopher S. Young



Chris Young graduated with a B.A. from the University of California Berkeley in Psychology including social engineering and abstract conceptualization; Also, graduated with a M.S. from Brigham Young University, Provo in counseling and human development. Licenced with a SEC Series 7 worked in various roles in the finance industry. 13 years employed with Verizon in customer service, training, tech support and fraud protection. Also proficient in speaking, reading and writing Spanish having spent two years in Uruguay and Paraguay.

Sterling Water and Energy Colombia S.A.S.

Sterling Water and Energy Colombia S.A.S. was founded in November, 2022 with three main partners: Isaac Pulido, Mark Henderson, Cesar Berbeo with innovative patents of magnetic repulsión.

The Engineer Isaac Pulido is the founder and owner of the patentes as the author of the innovative ideas of the machine that we will market and sell around the world as MAGNETOLUTION.

This is a technology that has no heat, smoke, fricción or fuel and thus no negative impact on the environment.



Sterling Alliance with Spartan de Ecuador S.A.



Sterling celebrates the Strategic Alliance with Grupo Spartan de Ecuador S.A. in December 2022 with a bright future

OPISAC GLOBAL – Our International Humanitarian Organization focused on Community Centers focused on Education, Health, Employment Skills Development and Orphanage Projects



**Organization of the People for the
Instruction for Sustainability and
the Autonomy of the Community**

www.OPISAC.org