



## **Skillicorn Anderson Associates International Ltd (SAA)**

**Project:** Fresh Water from brackish water, Aquaculture & Aquaponics – Jordan.

SAA focuses on Companies and Projects aligned to our philosophy of developing ecological yet profitable solutions to today's problems to safeguard the future of our planet and ensure that everyone's Basic Human Needs are met in a sustainable and ethical manner.

Over the past 4 years SAA has invested over \$6 million dollars in the UK company who have developed an innovative and proprietary system which integrates the 3 main Basic Human Needs of Water, Food and Energy in an environmentally friendly way.

During this time, they have undertaken extensive development of the integration of their unique system, while developing the engineering and gathering and analysing significant amounts of data relating to weather, water quality and commercial viability in their target locations.

In addition, they have undertaken numerous successful trade missions to Peru, India, Jordan and Mexico. They were chosen as a key contractor to the Clean Ganga Project which has a total approved budget exceeding \$205 million USD overall. They have in addition to securing projects in India and Jordan, which will be elaborated on, also secured 2,000 hectares of land for wastewater treatment and rights to sell the treated water aside building Aquaponic and Aquaculture plants in Las Aránitas, Mexico. The trips were also successful in securing Local and National Government Support in India, Jordan, Mexico and Peru.

Due to the unique Phyto desalination used in its treatment of brackish or wastewater, the system works particularly well in the areas of the planet which are suffering significantly with shortages of clean water, food and energy. The Company is developing strategies to deploy its technology in those equatorial regions most affected by water and food poverty (India, Africa, Latin America and the Middle East).

The Company has secured both local and UK Government support along with 30 year leases on 2,000 hectares of land with an option of an additional 3,000 hectares along with the water rights to the aquifer within a 'Free Zone' in Ma'an in the South of Jordan. The Project will integrate phyto-desalination of brackish water to the highest commercial standards with aquaculture and aquaponic production i.e. fresh fruit, vegetables and fish. Additionally, the Company have entered into a commercial agreement to secure 50% of the newly built 'Stock Yard' which will be the largest of its kind in the Middle East. This allows the company to utilise the waste produced for both biomass power generation and treatment of the effluent to the highest standards which will then be utilised by the stockyard as drinking water for the cattle. In addition, it gives 'The Company' access to immediate revenue streams from the Stockyard which has commenced operations.

The initial Pilot project will be undertaken on a 20-hectare portion of the site and is considered a demonstration project that will illustrate the technical and commercial features of the Company's technology using brackish water inputs. The full project will be constructed alongside the pilot in 2 stages for a combined cost of \$475 million US Dollars over a period of 24 months creating over 500 long term job opportunities.

Although mains grid power is available on the site, they will be meeting their energy demands from renewable resources, predominantly floating and ground based solar PV and biomass power generation. Utilising renewables is not only beneficial to the environment as water treatment is



historically energy intensive but reduces their operational costs extensively. This along with the unique water treatment process puts them at the forefront of green projects.

The Jordan Project offers extensive and wide-ranging benefits to not only the countries they operate within but also to its investors due to its forecasted rates of return on investment. Initially the project's products of clean water, fresh fruit, vegetable, fish and prawns will be for the local market. However, upon completion of stages 1 & 2 all products will be sold locally and internationally, they will also be producing bulk drinking water for the local area and high-quality bottled water for local and international markets.

**Funding the Project:** Funding required \$7.6million US Dollars (€7,000,000 Euros)

Funds secured in this, round 2 of funding, will also be utilised in procuring an international company (with an agreement in place) whose additional and synergetic I.P. in Aquaponics, Aquaculture and their patented 'process' to enable the Phyto desalination feedstock to be utilised in bio-degradable plastics to be used for the bottled water ensuring a totally environmentally friendly system.

SAA sees this as a fantastic opportunity to further invest in the company to enable them to commence the Pilot Stage and embark on its pioneering, innovative and game-changing challenge on water and food poverty.

Income from the pilot project is as below:

ALL CAPEX AND REVENUES PRESENTED IN \$USD					
	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
Revenue		3.8	11.5	14.8	15.3
Capex	(22.1)	(2.9)			
Opex	(1.5)	(2.6)	(2.9)	(3.3)	(3.4)
Net cash inflow	<b>(23.6)</b>	<b>(1.8)</b>	<b>8.6</b>	<b>11.5</b>	<b>12.0</b>

( \$1 USD : €0.92 Euros)

**Principal:**

Raymond Anderson - Ray has over 40 years' experience in the management and construction and commissioning of major infrastructure projects working with some of the largest and most renowned EPC companies. Ray has successfully managed very large teams necessary for the delivery of such complex projects in a number of the world's most inhospitable locations.

NEWS FLASH: JORDANIAN CONSTRUCTION PROJECTS ARE UNDER WAY AGAIN AS OF 7 APRIL 2020