



Darius Boshoff

Managing Director

EnergiDrop: Solar, biogas, gasification and pyrolysis technology experts and project development

Darius Boshoff is dynamic process engineer in the African renewable energy space. He has a passion for the firm principles of responsible resource utilisation and sustainable engineering. Darius exhibits a keen eye for business too and founded Energidrop to address the skills, innovation and technology shortage in the African renewable energy market. He has been operating and growing the company successfully since 2014.

Mr Boshoff has designed, developed and implemented numerous novel technologies in the energy space. Starting off in the nuclear industry as part of the first team to set up the Nuclear Fuel Cycle in South Africa in anticipation of the South African Nuclear build.

After a revelation of how unsustainable human society and industry has become on planet earth, he moved over to the renewable energy field in 2010. This exposed him to new technologies that involved gasification, biogas and other waste to energy systems. Here, he would pilot and develop several locally designed plants and built gasification and biogas processing systems in South Africa. As part of his career development, Darius has been exposed to the waste management industry through process engineering at one of the largest waste management companies in South Africa. He has done many feasibilities, including both technical and financial evaluations, which gives him the commercial tools for prudent evaluation of projects.

After some fruitful years in the waste management industry Darius decided in 2014 to start Energidrop with the aim of furthering alternative energy solutions with an innovative approach. During this time, he was chosen as a lead technical consultant for KMPG Finland in the EEP grant fund process and assisted in the technical evaluation and measurement & evaluation of over 30 projects in Africa. This involved assisting developers in adequately addressing gaps in their proposals and motivating different viable renewable energy business models to grant fund managers.

During this period he has also expanded his reach into the solar field where Energidrop was awarded a R250 000 prize for an innovative design for utilising mobile solar PV technology with the Green City Startup in 2015. This concept is in further development currently to be rolled out in 2019.

Through his love for invention and technology development Darius spends much of his spare time through Energidrop with engineering students where he seeks to inspire them and give them vacation work experience in an environment that emulates the Silicon Valley start-up model for rapid innovation and prototyping. With a strong drive and a will to make a difference, Darius can implement his specialised skillset and expertise to ensure the success of renewable projects.

In recent years Darius has teamed up with other professionals to form Witech Development Corporation (focusing on provision of packaged thermal waste to energy and water purification solutions) and Diversified Energy Holdings, as a Pan African bioenergy development and investment company.