EcoKiln Technology promoted through Information Sessions at Malawi

T he Development Alternatives Group (DA Group) conducted Information Sessions on EcoKiln technology in six major cities of Malawi, namely, Lilongwe, Blantyre, Zomba, Mangochi, Karonga, and Mzuzu from 5th June to 12th June, 2018 . From DA Group, Atheeque Ahmed (Manager, DA) conducted the sessions jointly with Syed Abdul Aziz Ishaqi Farhan (Deputy Manager, DA) and Wonderful Hunga from Centre for Community Organization and Development at Malawi. Jones Nyrenda, CEO of Eco Matters Ltd. and Dr. Soumen Maity, Team Leader from Technology and Action for Rural Advancement (TARA), a social enterprise of the DA Group, also attended sessions at key places. The EcoKiln technology is based on vertical shaft brick kiln principles and is one of the most energy efficient technology available in the world for fired clay brick production. This technology relies on the principle of counter correct heat exchanger in order to achieve high thermal efficiency. The DA Group has done extensive research on the EcoKiln technology for more than a decade and has disseminated across many countries in Asia and Africa alongwith their partners Skat Consulting. The objective of the sessions was to create awareness on the EcoKiln technology to the contractors, brick manufacturers and prospective entrepreneurs in order to create an ecosystem that enables them to adopt the technology in Malawi. This will in turn, enable the process of producing quality bricks using the alternatives fuel for the firing of the clay bricks. A total of around 253 participants attended the Information sessions. Quite a number of entrepreneurs were interested in adopting a 1/2 - shaft EcoKiln in the immediate future subject to their soils being suitable for the system. It is expected that the adoption of EcoKiln and the use of locally available coal and industrial waste materials will go a long way in reducing the use of fuelwood in brick firing in Malawi and thus arrest large scale deforestation in Malawi.

Development Alternatives Group