

Solar cookers for developing countries

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Stadtwerke Room

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Speaker:

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Summary:

Lions from Finland and Kenya are involved in a Scandinavian LCIF project for the production of solar cookers in Kenya. At the moment, forests are being cut down for firewood, and collecting the wood is hard work, done mainly by women who walk for hours through difficult terrain to gather up sticks. Solar cookers can help improve their quality of life and protect the environment.

At the moment, the solar cookers are available in three models: the basic model consists of a basic frame, filled with rock wool and clad in coated aluminium foil. This basic version has the advantage that it is made entirely from materials that can be sourced locally and assembled by local craftsmen. The materials are also generally recyclable, which is another advantage. For the production and distribution, the project focuses on regions where wood consumption is high, as people do not only need to cook but also heat their homes. Apart from the technical design and production, a lot of work will need to go into information and support measures, which can be a sensitive issue. Local chiefs of villages must be won over to act as leaders and promoters of the cookers.

During the first phase of the project (2015-2017) with a budget of approx. 235,000 Euro, it will extend to more than 20,000 people living in villages. As the project progresses, we want to supply and support 200,000 people living in rural Kenya. The solar cookers project is part of the LCI "Environmental Challenge" centenary project.

Key message

Dignity, respect and humanity, living in harmony with nature.

Help to self-help, especially for women and children