



Observatoire Europe-Afrique 2030

## Data Sheet n°35

### Entreprise : SUDRA (Sustainable Development & Relief Associates) (Ghana)

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Degree of accuracy of the information contained in the Data Sheet:

High

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## 1. Activity of the enterprise

SUDRA (Sustainable Development & Relief Associates) is an independent, non-partisan, non-profit, research-based organization registered in Ghana. For the past 20 years, it has been implementing programs in Ghana as a local subsidiary of EnterpriseWorks/VITA and Relief International (RI). SUDRA is dedicated to promoting practical, innovative solutions to poverty and environmental degradation in Ghana.

Since the start of stove manufacturing and distribution, SUDRA, in collaboration with RI, has sold over a million units and mentored manufacturers, distributors and retailers who are now operating independently. Each household equipped has saved an average of 37 USD/year, for a total annual saving of 3.6 million dollars.

The Gyapa™ stove was introduced in Ghana in 2002 by SUDRA. During the period 2002-2007 two producers in the Gyapa network set up their own production companies.

The Gyapa Enterprises value chain includes six certified ceramists who produce the internal linings, over 450 artisanal manufacturers who make the stove's outer metal casing, and nationwide distributors and retail agents.

SUDRA supports the expansion and development of local industry, offering production and trade training, quality control, marketing and trade financing. SUDRA is also a distributor of the Gyapa™ stove.



## 2. Product range

The Gyapa™ stove is a low-cost, locally manufactured, energy-efficient charcoal stove. This stove technology reduces the amount of charcoal needed for cooking by up to 50%.

It contains a ceramic lining, the essential element for absorbing and retaining heat and thus reducing emissions. The lining is then mortared into the metal casing and painted.

All stoves are made by hand. The metal casings come from scrap metal, usually discarded aluminum sheets, roofing, car bodies, refrigerator exteriors and air conditioners, and are finally hammered together.

Over 100,000 Gyapa fireplaces are produced each year and sold throughout Ghana. This program has become the largest local fireplace production industry in Africa. Since 2007, over 480,000 stoves have been sold, reducing carbon emissions by over a million tonnes.



### 3. Sources of information

<http://www.gyapa.com>

### 4. Contacts

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