Pioneering Rice Technology in Cambodia
April 17, 2016

Agri-Smart, operating under the umbrella of the parent organization, Brooklyn Bridge to Cambodia (BB2C) has designed a pioneering rice planting device. By providing solutions to outdated rice farming methods, we are changing the way rice is farmed in Cambodia and beyond. We do this by delivering profit-making, labor saving innovative technology.

The traditional rice planting method of manual transplanting is effective, but labor intensive. With migration leading to labor shortages in Cambodia and other rural areas, many farmers are forced to use less effective planting methods such as throwing (broadcasting) seeds into the field. The market is changing and our technology is well-positioned to address this urgent need for a new method.

BEFORE

Agri-Smart has developed an affordable, locally produced technology to address this challenge. With Agri-Smart's Eli Rice Seeder, there is now a labor saving way to achieve the same results as the farmer's time tested methods

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AFTER

With our innovative device a team of two can plant a hectare in only two hours. This is a huge labor savings compared to the 40 labor-days required to manually transplant the same field. The seeder uses air pressure to seed the ground in rows, which allows each plant enough space to grow, and reduces the total amount of seed required by half when compared to current methods. Rows also allow for tool-assisted and chemical-free weeding, as well as more targeted and efficient fertilizing. Crop yields using our seeder meet or exceed the results of traditionally transplanted fields.

Benefits:

- Saves farmers' money on seed and fertilizer
- Less labor intensive planting
- Improved crop yields
- Eliminates use of environmentally harmful herbicides
- Income generation and economic development
- Local manufacturing means benefits for small business and entrepreneurs
- Portable
- Easy to maintain and repair
- Agri-Smart's field staff provides training and technical support