

## DEG



DEG, a member of the KfW Bankengruppe (KfW banking group), finances investments of private companies in developing and transition countries. As one of Europe's largest development finance institutions, it promotes private business structures to contribute to sustainable economic growth and improved living conditions.

## Bayer



Science For A Better Life

Bayer is a Global enterprise with core competencies in the fields of health care, nutrition and high-tech materials. As an inventor company, we set trends in research-intensive areas. Our products and services are designed to benefit people and improve their quality of life. At the same time we create value through Innovation, growth and high earning power. We are committed to the principles of sustainable development and to our social and ethical responsibilities as a corporate citizen.

## ASSIST



ASSIST is an international non-profit organization focused on capacity-building. It seeks to promote sustainable practices to address social problems in the developing world, with focus on Asia and Africa. It takes pride in its process-oriented approach to capacity building towards social improvement and sustainable transformation. Its goal is to empower its target groups to make them resilient to the social, economic, and environmental challenges.



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# share

Sustainable, Hygienic, And Resource Efficient Solar Dryers for Cambodians

CO-FINANCED BY



IMPLEMENTING PARTNERS



IN ASSOCIATION WITH





## Project Brief

Cambodia's economy has achieved a steady growth for the past decade and is forecast to improve even more. Fisheries and agriculture two industries are known to contribute the most to the Gross Domestic Product and balance of trade.

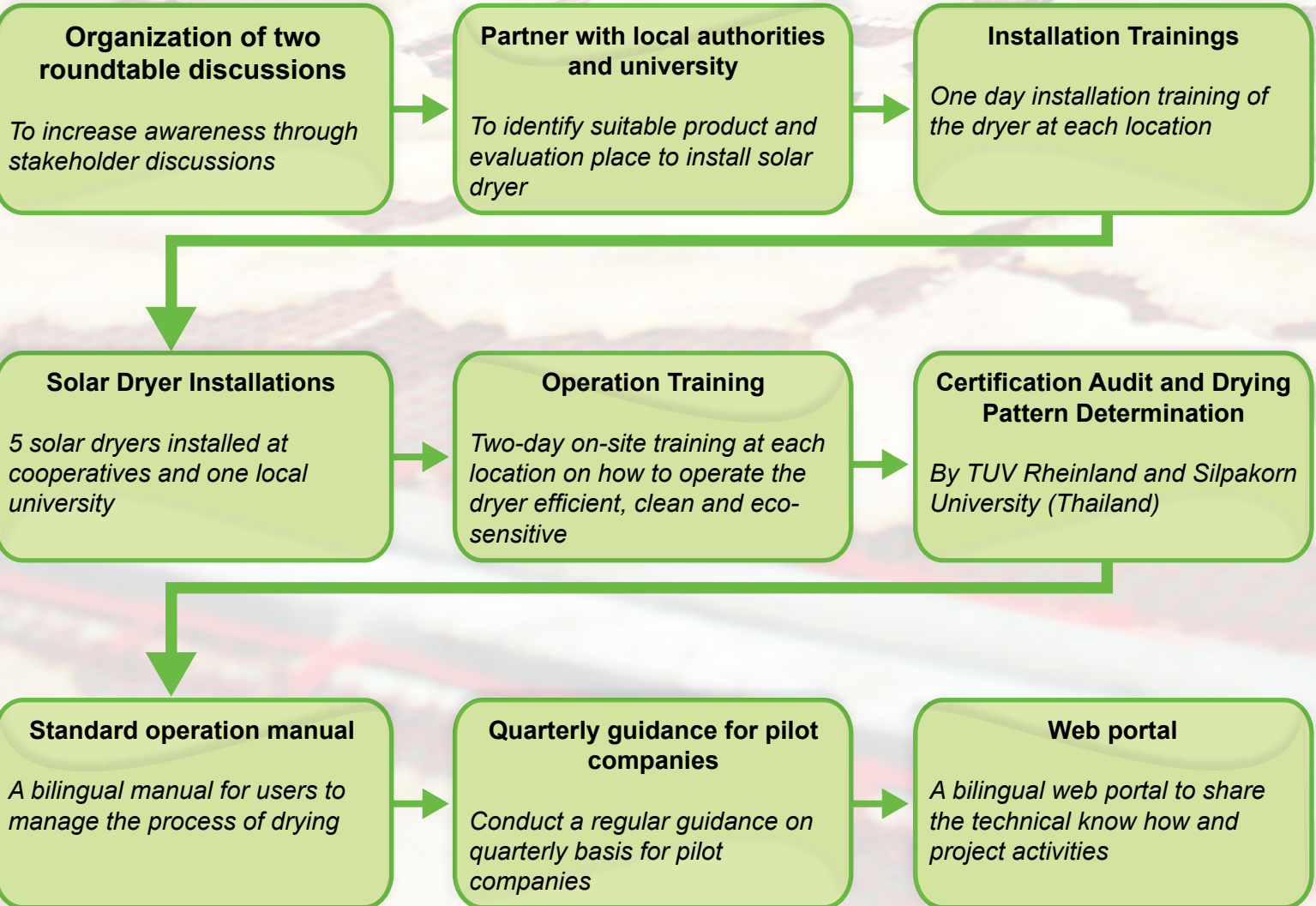
One of the oldest techniques employed for processing dried agricultural and seafood products is open sun drying. However, it is also considered the least efficient in terms of processing time and weight loss of the end-product, and the least safe as the products are exposed to various contaminants. More advanced techniques employed, such as electric or fuel heating and machine drying, are very energy-inefficient and have negative environmental impact.

Through this project, the implementers seek to promote a dramatic improvement on the practice of drying agricultural produce and seafood. This can be achieved through the training of a local pool of consultants and industrial designers who can construct and install the solar dryer. The installation of pilot solar dryers will also increase the local technical know-how and attract and motivate other relevant stakeholders to engage in this venture.

Successful implementation of the project will encourage the installation of solar dryers for SMEs at the community level. Small investors will be more likely to venture into the innovative business model, with the support from local banks and financial institutions.

By improving the process and preventing post-harvest loss, this initiative helps the SMEs reduce costs, generate more earnings, and eventually grow as businesses. Further, it enhances the quality and global marketability of the dried products, providing the local industry great opportunities for export. In the long-term, the project can create more jobs, and help uplift the lives of people in the community. Finally, it creates a venue for collaboration, within the community, and between the small investors and cooperatives, towards the attainment of sustainable growth.

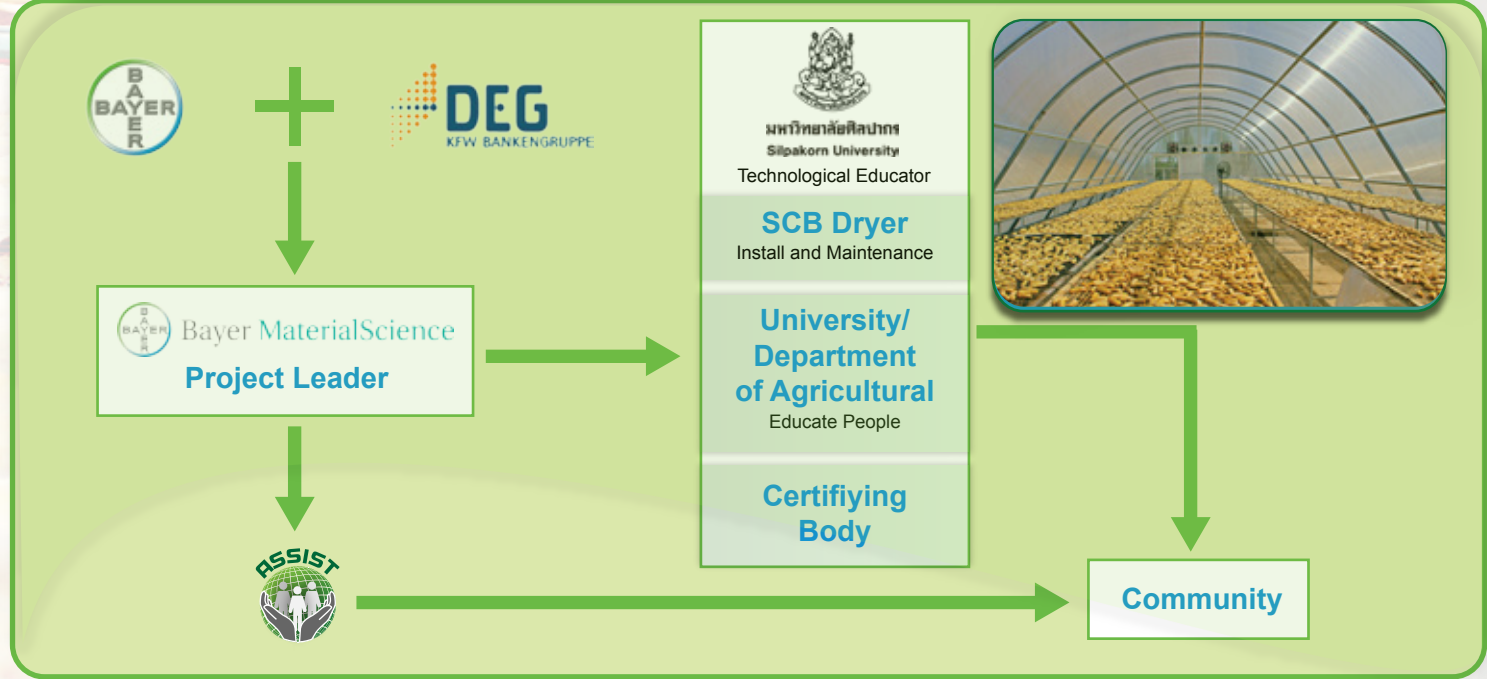
## Project Activities



## Methodology



## Project Implementation Model



## Benefits

**SHARE** helps the farmers reduce costs, generate more earnings, and eventually grow as businesses by adopting the solar dryer. In the long-term, the project can create more jobs, and help uplift the lives of people in the community.

