

# JANA MODEL FARM: TRANSITION IN BOALMARI, BANGLADESH



- Building Capacity & Empowering Youth and Communities towards Sustainable Agriculture, Education and improved Labour Market Opportunities.
- Establishing a social business for creating sustainable financial resources for educational services of local branch of NGO JANA.
- Becoming a best practice example for a societal, ecologic and circular economic community project in the district of Faridpur, Bangladesh.

## Agriculture – Youth – Education


Rural communities are adapting to changing circumstances, such as food insecurity, climate or labour market demands through innovative, localized solutions that combine sustainable practices and technologies. Faster and more inclusive rural growth with job creation requires greater agricultural diversification together with more robust rural non-farm enterprise development through education and training. In addition to new agricultural techniques, livestock and fisheries also offer tremendous potential for reducing malnutrition and increasing incomes and jobs in a severely land constrained economy. Through the combination of educational support and agricultural projects, JANA and planetYES aim at reducing the risk of poverty and malnutrition by raising awareness and educating communities and children in sustainable agricultural production, organic farming, livestock, pisciculture and waste management in Boalmari, Bangladesh. In addition to JANA Model Farm, a joint JANA-planetYES institute will give the opportunity for cross-border collaboration in culture and science, providing a space for students and the society to diversify skills through various workshops.

## Challenges in Boalmari, Bangladesh



**Health**

Toxicity through conventional farming including pesticide mix and general environmental pollution cause fertility problems and severe diseases.




**Malnutrition**

Structural discrimination, unaffordable land prices and little knowledge on organic food production cause unequal food access and unbalanced diet.



**Non-diversified economy**

Strong dependency on agricultural income. due to little rural non-farm enterprises.



**Poor child rights & High school drop out rate**

Bangladesh has the 4<sup>th</sup> highest child marriage rate globally and the highest absolute number of child labour with 3.45 million active child workers.

## Solution



### Organic Farming, pisciculture and livestock farming

Introducing organic farming to communities by combining crops, pisciculture and livestock, providing food security and educating families and students in sustainable agriculture techniques and nutrition. The project will be implemented together with experts and families, with regular community consultations.



### Organic and non-organic Waste and Resource Management

Elevating the production of organic fertilizers and raising awareness about circular ecosystems. Organic fertilizers will be collected from a local organic waste management system, through the participation of families, students and volunteers. The overall aim is to establish a functioning waste and compost management system.



### Early education & Training

Building on the already existing infrastructure of JANA, establishing a self-sustaining community where students and families learn about healthy nutrition and agricultural techniques hence, know how to cultivate organic crops and livestock, understand the advantages of organic farming and a healthy nutrition.



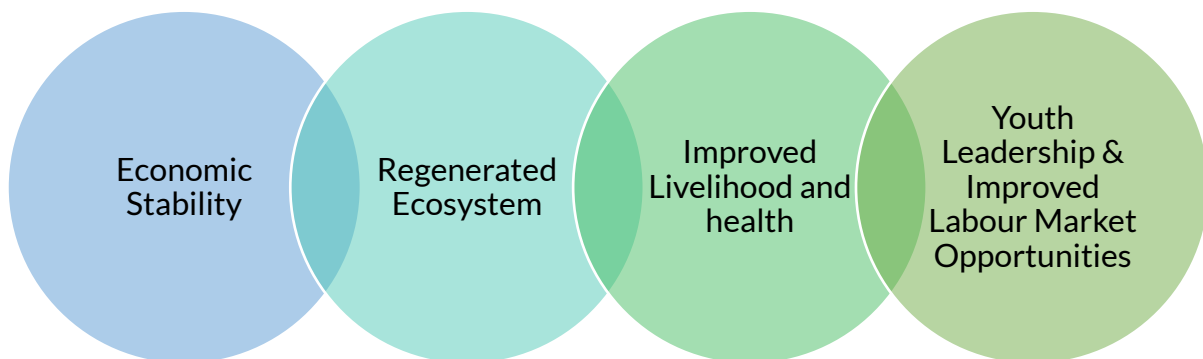
### Knowledge Management at JANA-planetYES Institute

The joint institute will be a place of research, education and exchange to foster youth leadership skills through non-agricultural skills development in topics such as entrepreneurship, digitalization and science. The results will be embedded in the global planetYES network, functioning as a multiplier for similar projects.



## Expected Outcome and Surplus for Greater Impact:

### SOCIETAL, ECOLOGICAL AND ECONOMIC RESILIENCE

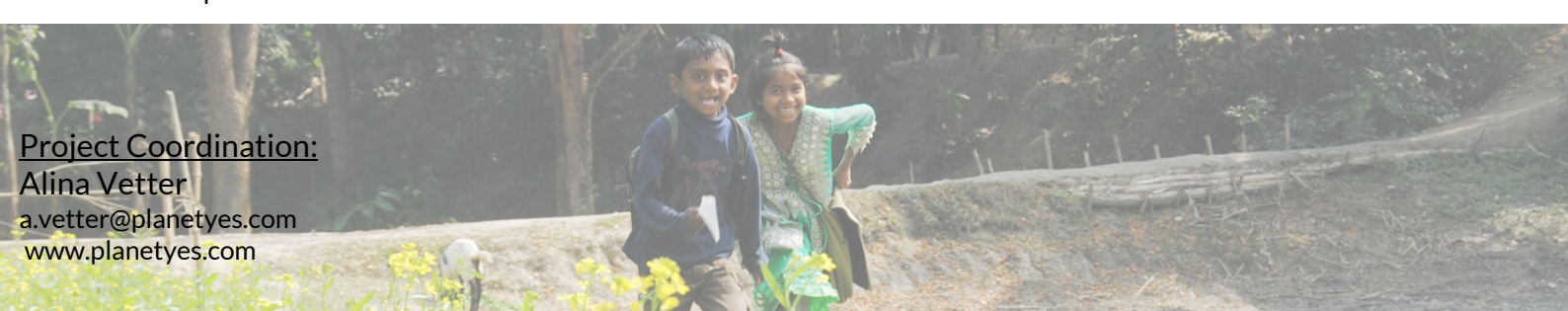


establishing self-sustaining cause driven enterprises through JANA Model Farm activities and reinvesting economic surplus in education.

reversing land degradation, improving functioning of raw materials and cultivating regional crops, livestock and fisheries.

Disseminating organic agricultural practices and improving nutrient cycles, waste management and awareness raising.

Diversifying skills by providing diverse trainings and application-oriented experiences e.g. in social enterprises.



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