

# Fund for Triangular Cooperation with Asia



## Potato seed production through Rooted Apical Cutting (RAC) technology in Cameroon

### A Triangular Cooperation Pilot

on behalf of the German Federal Ministry for Economic Cooperation and Development (BMZ)

The RAC technology is an innovative, smallholder farmer-oriented technology that cost-effectively addresses the issue of access to quality seed potato and its on-farm multiplication for seed production. It has been successfully developed in India under the Green Innovation Centre project of GIZ. Successful field trials and standardization of processes and agri-practices has led to a rapid adoption by farmers in India. BMZ and the University of Horticultural Sciences Bagalkot have joined forces to facilitate the introduction of RAC technology in Cameroon.

### Adoption of Best Practices on RAC from India

A technical exposure visit to India by Cameroon delegation has resulted in the adoption of many good practices in tissue culture lab and screen houses.

Tissue Culture Lab	Screen House
<ul style="list-style-type: none"> <li>✓ Use of MS media culture in TC bottles as reduced from 5ml/plantlet to 1.5 ml/plantlet.</li> <li>✓ Number of plantlets per bottle has increased from 10 to 20.</li> <li>✓ Impacts were made by doubling capacity and improving efficiency.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Use of portraits in place pots has resulted in efficient use of the screen house and substrate.</li> <li>✓ Number of screen houses has increased from 3 to 6.</li> <li>✓ Adopted selling of cuttings to farmers in boxes.</li> </ul>

### Key Components

- Capacity building of 15 scientists, 6 local entrepreneurs and 100 farmers.
- Transfer of RAC-technology including provision of required infrastructure development and handholding support.
- Capacity building exchanges between Cameroon and India, for targeted stakeholders.

### Political Partners of the TrC Pilot



Ministry of External Affairs  
Government of India



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## Current Status and Impact

- The pilot phase concluded successfully with efficient transfer of technology.
- About 100 farmers got training on this new technology of potato seed production and 6 seed multipliers have started multiplication of the RAC plants in their screen houses.

## Impressions from the Ground



## Implementing Partners of the TrC Pilot



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