Objectives

- Developing affordable fertilizer formulation at least 20% cheaper than current solutions
- Improving integrated soil fertility management practices

Approach

- Trials in 5 countries: CI, GH, NGR, CMR, TOGO. Nestlé trial in Aboisso at a partner station
- Data collection (plants, soil) to build knowledge on nutrient uptake and use by cocoa
- Test different mineral mixes + organic fertilizers
- Validation at public research station and at selected farmers

Benefits

- New cost-effective fertilizer formula made available to farmers to improve profitability
- Develop a set of integrated soil fertility management practices

Key Deliverables/Timeline

<table>
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<th>2018</th>
<th>2019</th>
<th>2021</th>
<th>2023</th>
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<tr>
<td>Q3</td>
<td>Q2</td>
<td>Q3 2019-Q3 2021</td>
<td>Q4</td>
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- Project Kick off trial plan validation
- Trials plots implemented
- Plots monitoring: Data collected and analyzed
- Report on the physiological mechanism of nutrient uptake
- Affordable fertilizer mixes for commercialisation
- Validated integrated soil fertility management practices

Team

Dr Arthur TAPI: Biotechnologist, cocoa research manager
Herman Guy KOUADIO: Agronomist, trial implementation operator
Cheikh Mbacke MBOUP: Agronomist, Project Manager
Joëlle ABEGA-OYOUOMI: Project Sponsor