# AIMS-MCF Partnership Program Logic Model

## Impact

**Increased number of African male and female STEM scholars leading technological innovations that can address development challenges and drive wealth creation in Africa**

<table>
<thead>
<tr>
<th>Intermediate Outcome</th>
<th>5 years</th>
<th>2-3 years</th>
<th>Immediate Outcome</th>
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</thead>
<tbody>
<tr>
<td><strong>Aims</strong> MCF Partnership Program</td>
<td><img src="" alt="Image" /></td>
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<tr>
<td><strong>Increased number of high calibre STEM scholars graduating from AIMS centres</strong></td>
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<tr>
<td><strong>Increased number of STEM scholars placed in skilled jobs in industry, academia and government</strong></td>
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<tr>
<td><strong>Enhanced quality of secondary school math education in Cameroon</strong></td>
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<td><strong>Increased investment in mathematical sciences in AIMS operating countries</strong></td>
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<tr>
<td><strong>Improved transition of female and male AIMS scholars to progressive careers in relevant fields of science and technology in Africa</strong></td>
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## Outputs

**AIMS Master's Program upgraded and implemented**

**AIMS Co-op Program implemented**

**Teacher Training program implemented in Cameroon**

**Mathematics curricula and teaching resources improved**

**AIMS Secretariat efforts to influence education policy in Cameroon specific to teacher training and qualification executed**

**AIMS advocacy strategy implemented to improve coordination of STEM activities and win support and promotion of mathematical sciences**

**AIMS Communication strategy to promote mathematical sciences for development implemented**

**AIMS operational procedures are enhanced to drive, promote and support the advancement of STEM education in Africa.**

## Activities

- Revise and enhance key elements of the AIMS Master’s Degree
- Provide bursaries to promising maths and sciences students
- Implement Give Back program
- Develop and validate AIMS Co-op pilot strategy
- Identify key industry and government partners and establish sustainable partnerships
- Launch (kick off) Teacher Training pilot
- Establish Steering Committee
- Curriculum Development
- Implement training & continued professional development (HTCC, Pre-service & in-service teachers)
- Advocate policy, mobilise stakeholders & revise Mathematics policy within Education sector in Cameroon
- Develop Community of Practice and ICT platform for teachers
- Develop & implement National Awards Program
- Develop AIMS Advocacy strategy to influence policy related to the promotion of mathematical sciences for development
- Develop Communications strategy to promote the value and benefits of mathematical sciences for development
- Strengthen AIMS operations policies including RBM, partnership and gender equity strategies
- Hire relevant resources to lead on strategic areas
- Develop & implement Monitoring & Evaluation and Knowledge Management frameworks

## Inputs

- ** Talent (Lecturers, tutors, specialists, partners, industry partners)**
- **Information (curriculum, financial, course requirements, MOU’s)**
- **Infrastructure (ICT platforms, buildings)**
- **Financial (bursaries, industry partnerships)**

- **Talent (teachers, lecturers, curriculum specialists, partners, government)**
- **Information (curriculum, course structure, policy inputs, award prog, CoP)**
- **Infrastructure (ICT platforms)**
- **Financial (running costs, ICT costs, Awards prog costs)**

- **Talent (Key staff, experts)**
- **Information (Policy inputs, monitoring data, strategy documents)**
- **Infrastructure (ICT platforms, Training venues)**
- **Financial (running costs, ICT costs, consultancy costs)**

## Key Stakeholders

- AIMS
- MCF
- Academics
- Industry partners
- Government
- Other Funders (IDRC & DFID)
- Teachers
- Government
- Other Funders (IDRC & DFID)
- AIMS
- MCF
- Specialists & Staff
- Government
- Other Funders (IDRC & DFID)

## Objectives

- **Project Objective 1:** Advanced Training for Employment
- **Project Objective 2:** Improved Quality of Mathematics Education
- **Project Objective 3:** Coordination and Advancement of STEM for Development