



# African Biomedical Engineering Alliance (ABEA)

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## Consolidated Year 1 Work Plan (Draft)

### 1. Organizational Development & Governance

- Register ABEA as a legal entity.
- Develop constitution, bylaws, governance structure, and operational policies.
- Establish bank accounts and financial policies.
- Form an Advisory Board.
- Set up digital collaboration tools (emails, Slack, WhatsApp, Google Drive).
- Conduct quarterly strategic planning and review meetings (Jan, Jul, Oct, Dec).

### 2. Membership Development & National Society Support

- Define membership structure and benefits (individual, institutional, corporate).
- Launch membership drive and onboarding activities.
- Organize a virtual roundtable with national society leaders.
- Offer governance support to emerging societies.
- Facilitate joint research, training, and policy initiatives.

### 3. Visibility, Branding & Communications

- Design logo, tagline, brochures, and templates.
- Launch website and social media platforms.
- Publish quarterly newsletters and press releases.
- Host the African Biomedical Engineering Congress (ABEA Annual Conference).
- Organize Biomedical Engineering Week with campaigns, media engagements, and public lectures.
- Participate in WHO World Health Day and global BME forums.

### 4. Stakeholder Engagement & Policy Advocacy

- Map and engage key stakeholders (AU, WHO, Ministries of Health, donors, NGOs, academia).
- Organize consultative forums to discuss collaborations and shared objectives.
- Develop and publish policy briefs on regulation, workforce, local manufacturing, and innovation.
- Advocate for harmonized BME policies and inclusion in national health strategies.

### 5. Capacity Building & Education

- Online course on Biomedical Engineering.
- Leadership training for young BME professionals.
- “Train the Trainer” workshops for skills multiplication.
- Medical Equipment Maintenance workshops.
- Legal and project management seminars.



- Launch monthly webinars on emerging technologies (AI, telemedicine, 3D printing).
- Organize design challenges to solve real healthcare problems.
- Implement Africa-wide mentorship program.
- Launch fellowship program for advanced training and research.

## **6. Research, Innovation & Entrepreneurship**

- Host a Startup Pitch Competition for med-tech entrepreneurs.
- Support collaborative research on affordable medical technologies.
- Publish findings and promote knowledge sharing.

## **7. Community Engagement & Outreach**

- Implement STEM outreach in schools and mentorship initiatives.
- Annual volunteering in rural health facilities for equipment improvement and training.

## **8. Monitoring, Evaluation & Strategic Planning**

- Conduct continent-wide survey on BME status, needs, and gaps.
- Use findings to guide strategy and programming.
- End-of-year AGM to review progress.
- Develop a 5-year strategic plan and publish an annual impact report.