



Establishing and Strengthening **Centres of Excellence** for Pharmaceutical Manufacturing and Regulatory Affairs

A modular, integrated ecosystem to build a skilled workforce and strengthen institutions to advance pharmaceutical manufacturing and regulatory systems.



Contact us at:
E-mail: partnerships@empowerswiss.org | www.empowerswiss.org/en/manufacturing

Bridging the Capability Gap for Stronger Pharmaceutical Systems

Investment in pharmaceutical manufacturing and regulatory systems is accelerating, but the sector needs a skilled workforce, practical capabilities and stronger institutions to translate opportunities into better health outcomes.

The rapid expansion of the health and pharmaceutical sectors is driving growing demand for skilled professionals and creating new employment opportunities. However, persistent gaps in workforce competencies, practical training, industry-aligned skills and institutional capacity continue to constrain the availability of job-ready talent. Bridging this gap requires stronger alignment between education, practical competency development and evolving industry needs, enabling a skilled and employable workforce that can support sustainable sector growth.

CENTRES OF EXCELLENCE

Integrated solutions for a stronger tomorrow



**Integrated Skills,
SkillPod Training
& Industry
Engagement**

Hands-on, industry-aligned training environments with SkillPods, simulation and real-world industry exposure to build job-ready skills.



**Manufacturing,
Quality &
Regulatory
Programmes**

Specialised competency-based training aligned with pharmaceutical manufacturing, GMP, quality systems, regulatory affairs and evolving industry requirements.



**AI-Powered
Digital Learning
Academy**

Flexible, inclusive, role-based learning pathways with AI-enabled content, assessments, analytics and global access.



**Employability &
Career Pathways**

Internships, job portals, industry linkages and career support to connect talent with real opportunities across the pharmaceutical sector.



**Institutional
Capacity &
Sustainability**

Faculty development, Training-of-Trainers, knowledge transfer and institutionalisation for long-term local ownership and impact.

Empower SkillPods™

Where Learning Becomes Practice

A modular, industry-inspired environment for hands-on skills development.



Empower SkillPods™ are compact, configurable applied-learning environments designed to bridge the gap between classroom knowledge and workplace competence.

They recreate essential elements of real pharmaceutical and health-sector working environments, enabling learners to practise procedures, interact with equipment, follow workflows and build confidence in a controlled training setting — without the cost and complexity of establishing a full-scale manufacturing facility.



Key Advisor and Faculty



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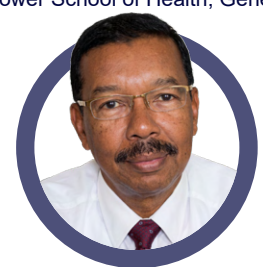
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Experience and Expertise

Empower's Country Experience:



• Nigeria • Senegal • Uganda • Rwanda • DRC • Ghana
• South Africa • Kenya • Ethiopia • Morocco • Tanzania
• Djibouti • Zambia • Zimbabwe • India

Empower's Technical Expertise:

Pharmaceutical Manufacturing & GMP

- Manufacturing skills
- GMP
- Production operations
- Practical training
- Quality systems
- Technology-transfer readiness

Regulatory, Quality & Pharmacovigilance

- Regulatory affairs
- QA/QC
- Regulatory-system strengthening
- Pharmacovigilance
- Compliance capability

Supply Chain & Access to Medicines

- Procurement
- Warehousing
- Distribution
- PSM
- Pharmaceutical supply chains
- Access to medicines

Practical Training, SkillPods™ & Simulation

- Industry-inspired training
- Virtual Reality
- Equipment exposure
- Simulation
- Practical skills labs
- Competency assessment

Empower's Workforce and Employability Expertise:

Employability & Industry Engagement

- Internships
- Job portals
- Employer engagement
- Industry exposure
- Career pathways
- Academia-industry linkages

Workforce Strengthening & Skills Development

- Competency frameworks
- Skills-gap assessments
- Role-based learning
- CPD
- Faculty development
- Training-of-Trainers

Institutional Strengthening & Sustainability

- Faculty development
- Knowledge transfer
- Institutionalisation
- Local ownership

Partners

