

# STEMBody 360 Project

‘Inspiring a Female Future STEM-Ready Workforce’

The StemBody 360 by **Mopani Copper Mines (PLC)** in partnership with the **Women’s Entrepreneurship Access Centre (WEAC)** is focused on increasing girls’ participation, innovation, and career progression in STEM field.

## CONTEXT

Zambia’s mining, engineering, and technology sectors are expanding in response to growing industrial and digital demands. At the same time:

- Women remain underrepresented in STEM careers
- Girls face limited exposure to 1) technical pathways and 2) Lack of access to adequate sanitary products
- Youth unemployment remains a national concern
- Skills gaps affect long-term sector competitiveness

## KEY ACTIVITIES

- STEM learning cohorts (primary, secondary, tertiary)
- Mentorship and coaching by STEM professionals
- Training of Women in sanitary pad production
- Production and distribution of reusable sanitary pads
- Innovation challenges and hackathons
- STEM entrepreneurship bootcamps
- Awareness campaigns and digital learning platforms



## OBJECTIVES

- Increase girls’ participation and interest in STEM education pathways
- Strengthen confidence, leadership, and career awareness in mining and technology sectors
- Promote innovation and STEM-based problem-solving skills
- Support innovation design and menstrual health advocacy
- Build a strong mentorship and community support ecosystem for girls in STEM



## LONG TERM IMPACT

- Increased female participation in STEM industries
- Development of Zambia’s future mining and technology workforce
- Expanded youth employment and STEM entrepreneurship
- Increased awareness and sustainability of menstrual products
- Inclusive and sustainable economic growth

Scan the Social Media QR Code here for updates:



Together, let’s build Zambia’s female STEM future