

# Africa – Skills for Progress

## Book Review

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## The Challenge – Education and knowledge for the future of Africa

- Education and knowledge are the foundation of sustainable social development and contribute to peace and prosperity
- Enormous efforts are required
- There is no doubt about it: Africa still has a high scarcity of skilled people.



## TVET is the Key

Technical and vocational education and training (TVET) occupies a key position in this process of social transformation

**TVET is the key to sustainable economic development.**

- It creates a large number of jobs
- It enables a maintenance culture that is otherwise lacking
- It effectively reaches out for population groups who otherwise risk dropping out of formal education at a young age.
- It is foundation for attracting industrial manufacturing





## Festo – the Learning Company

- Education is of great importance to the German family enterprise Festo.
- We understand our ongoing commitment to education as a corporate educational responsibility (CER).
- We are convinced that the competition of the future will take place in the arena of education and knowledge



## Festo Didactic – Global Leader in Technical Education

We are a partner to

- institutes of technology and universities
- vocational academies
- schools

35,000 educational institutions as worldwide customers

- We stand for applied knowledge
- We concentrate on a solution oriented approach – learning by doing



## Our Motivation for this Book

“Africa – Skills for Progress” offers solutions for the burgeoning regions of Africa, where national programmes are needed for skills, training and technical education.

The book outlines the African growth trajectory linking it to an ever-increasing need for TVET.

“Africa –Skills for Progress” serves as proof – how economic development goes hand in hand with workforce qualifications and how the industrialised world and Africa can collaborate for progress.





## About the Content

- 264 pages - a well-founded description of prevailing conditions
- multi-page photo stories
- up-to-date interviews with key opinion-makers
- selection of case studies highlighting TVET solutions
- This Book is published by “Edition Festo” and available in English, French and German.



# Sincere thanks are given to the experts involved





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# Book Review

## **Africa** Skills for Progress

264 pages, English/French/German

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**Executive editor: Dr. Wilfried Stoll**

Managing Director Festo Holding Company

**Prologue: Prof. Horst Köhler**

former President of the Federal Republic of Germany

**Introduction: Dr. Wilfried Stoll**

**Authors: Dr. Jeremy Gaines, Stefan Scheytt,**

**Picture credits: Thomas Kienzle, Enrique Leopardi**



## Chapter 1: **Aspiring Africa**

### Development through growth

### African success stories

- Case study: Ethiopia – Electronics and aviation
- **The socio-economic growth story**
- Case study: Morocco – Milling and food
- **The political success story – The African Union, democracy and the rule of law**
- Case study: South Africa – Beverages industry
- **The change story**
- Interview: Prof. Ashraf Mansour
- Case study: Egypt – TVET for industry





## Chapter 2: **Young Lions**

### Demographics & education for Africa

- Case study: Namibia – Shipping and fishing
- **Demographics – Dividend or burden?**
- Interview: Hon. Min. Albert Nsengiyumva
- Case study: Rwanda – Carpentry
- **Urbanisation – Blessing or conundrum?**
- **Growth in education and educating for growth**
- Interview: Hon. Min. Mduduzi Manana
- Interview: Ambassador Godknows Igali
- Case study: Nigeria – Power generation
- Interview: Hon. Min. Prof. Isaac Adewole
- **Diversity and filling the gap**
- Interview: Dr. Donald Kaberuka
- Interview: Sebastian Deh
- Case study: Madagascar – Minerals processing



## Chapter 3: **Moving Africa forward** Technical education in Africa

- **Technical education in Africa – History and future focus**
- Interview: Prof. James Ketande
- **Case study: Tanzania – Cleaning and repairs**
- **Festo Didactic and Africa**
- Digital production
- Interview: Prof. John Kondoro
- **Case study: Namibia – Mining industry**
- **Training for the economic sectors driving Africa's future**
- The extractive industries: Oil & gas, mining
- **Case study: South Africa – Automotive industry**
- **Case study: South Africa – Renewable energy**
- **Case study: Ghana – Agro-industry**
- Water & waste management
- E-business
- **Case study: South Africa – Open University**

