

Africa – Skills for Progress

Book Review

Dipl.Ing. (DH) Bernd GiengerFesto Didactic SE
Head of Festo Didactic Europe & Africa





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 Educa

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.





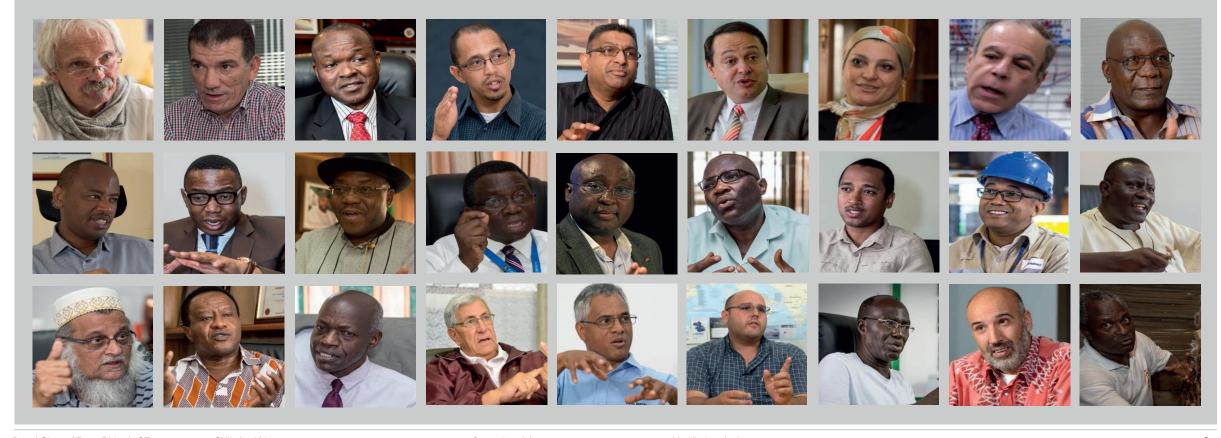
About the Content

- 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





Africa – Skills for Progress

We are happy to give the book to you hot off the press during this very first launching event.

Please come by at the booth of Festo Didactic, where you will ge your personal book for free.

Dipl.Ing. (DH) Bernd GiengerFesto Didactic SE
Head of Festo Didactic Europe & Africa





Book Review

Africa Skills for Progress

264 pages, English/French/German

Publisher: Edition Festo
© 2016 Festo AG & Co. KG, Esslingen
ISBN 978-3-00-053464-5

Executive editor: Dr. Wilfried Stoll

Managing Director Festo Holding Company

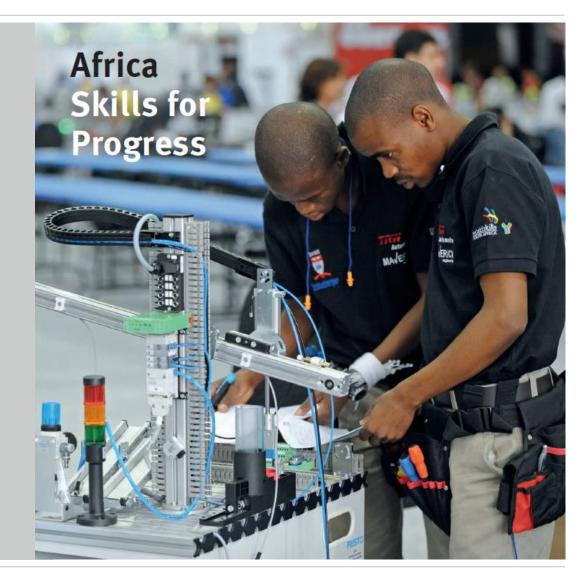
Prologue: Prof. Horst Köhler

former President of the Federal Republic of Germany

Introduction: Dr. Wilfried Stoll

Authors: Dr. Jeremy Gaines, Stefan Scheytt,

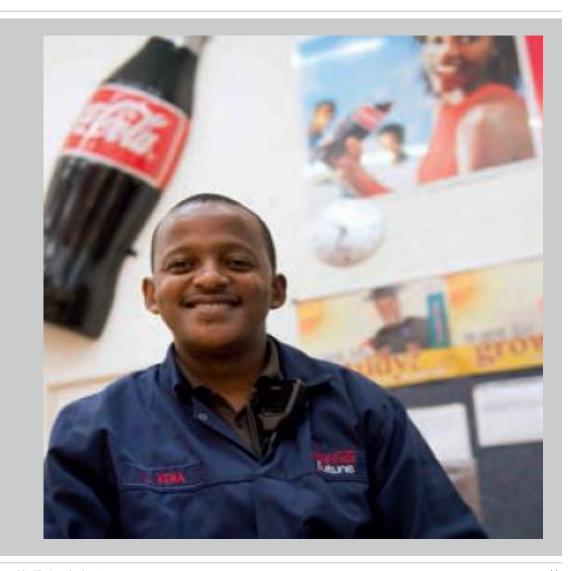
Picture credits: Thomas Kienzle, Enrique Leopardi





Chapter 1: Aspiring Africa Development through growth African success stories

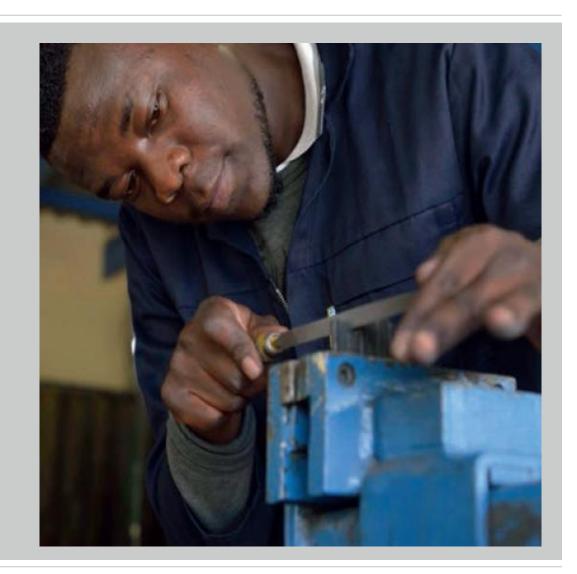
- Case study: Ethiopia Electronics and aviation
- The socio-economic growth story
- Case study: Morocco Milling and food
- The political success story The African Union, democracy and the rule of law
- Case study: South Africa Beverages industry
- The change story
- Interview: Prof. Ashraf Mansour
-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

