



International Call for Papers:

Volume 22 (2020) of the African Development Perspectives Yearbook with the title “Sustainable Development Goal 9 (Infrastructure, Industrialization, Innovation) and African Development – Challenges and Opportunities”

Invited are contributions for Volume 22 (2020) of the African Development Perspectives Yearbook with the title “**Sustainable Development Goal 9 (Infrastructure, Industrialization, Innovation) and African Development – Challenges and Opportunities**”. The contributions should be evidence-based and policy-oriented. High academic standards are requested and will be checked by referees. Non-technical papers with deep analysis, which are readable by practitioners in development cooperation and by media people, have a high priority in the selection process. The concept of the contribution and the methodological framework of analysis should be outlined in the Abstract which is submitted to the Editors.

Upon acceptance of the paper, the *Contributors* will receive Editorial Guidelines and a Template. Accepted papers will be grouped into Thematic Units, and the respective Unit Editors will contact the contributors quite regularly during the process of finalization to discuss the various drafts.

Guest Editors for various Thematic Units are also invited to apply. Editors of Thematic Units are also becoming automatically Volume Editors. Guest Editors are responsible for a Thematic Unit with 3 – 5 contributions and an Introduction. For specific themes see the Main Issues proposed by the Editors for Volume 22 as presented below. These are only examples. The Editors are open to further suggestions.

See the *Context* of the **African Development Perspectives Yearbook** and as well the activities of the Africa Research Programme of the **Research Group on African Development Perspectives Bremen** at IWIM (Institute for World Economics and International Management), University of Bremen: <http://www.iwim.uni-bremen.de/africa/africanyearbook.htm>.

The **African Development Perspectives Yearbook** is published since 1989. The volumes 20 and 21 (for the years 2018 and 2019) were on the theme “Science, Technology and Innovation Policies for Inclusive Growth in Africa”. In 2019, the Research Group celebrates the event of 30 years of publishing the **African Development Perspectives Yearbook**. Each of the volumes 20 and 21 had three Thematic Units. Volume 22 will be related to the year 2020; in case of many high-quality submissions a Volume 23 for the year 2021 can be added.

The Editors also invite publishers and institutes to send books and issues of periodicals as well as research discussion papers and documents being of relevance to the theme of volume 22 for use in the *Book Reviews/Book Notes Section* of the **African Development Perspectives Yearbook** (Book Review/Book Notes Editor: Professor Dr. Achim Gutowski, Email: Prof. Dr. Achim Gutowski agutowski@uni-bremen.de).

The theme for volume 22 on “**Sustainable Development Goal 9 (Infrastructure, Industrialization, Innovation) and African Development – Challenges and Opportunities**” is related to the importance of Goal Nine in the context of the SDG Agenda 2030. SDG 9 is comprehensive and focussing on “**Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation**”.

The targets and indicators related to Sustainable Development Goal Nine focus on:

- a) providing for developing quality, reliable, sustainable and resilient infrastructure;
- b) promoting inclusive and sustainable industrialization and raising significantly industry’s share of employment;
- c) increasing the access of small-scale industrial and other enterprises to financial services, and facilitating their integration into value chains and markets;
- d) upgrading infrastructure and retrofitting industries to make them sustainable in terms of resource-use efficiency and adoption of clean and environmentally sound technologies; and
- e) enhancing scientific research, upgrading the technological capabilities of industrial sectors, and encouraging innovation.

Focus is also on facilitating sustainable and resilient infrastructural development, on supporting domestic technology development, research and innovation, and on increasing access to information and communication technologies.

As least developed countries are specifically emphasized in Sustainable Development Goal 9, key issues are a) producing goods and services for the poor under ecological conditions, b) improving access of the poor to hard and soft infrastructure, and c) using technology and innovation for eradicating poverty. The Progress Reports on the SDGs by the Secretary-General of the United Nations give an account on an annual basis, but the messages are rather general. The purpose of this volume is it to give a structured assessment for targets and indicators by presenting empirical evidence based on analytical surveys, reports about successful programmes and projects, and through the identification of gaps which will impede further progress towards Goal Nine until 2030. The Thematic Units will follow the intentions of targets and indicators to Goal Nine.

Main Issues proposed by the Editors for the Thematic Units of Volume 22 (see below some suggestions of themes for Contributions and Units):

Transport Infrastructure and Mobility of Economic Agents in Africa: How to make local, sub-regional, national, and transboundary networks reliable, sustainable, and resilient?

- *Infrastructure gaps in road and rail networks and sustainable industrialization – What are the causes?*
- *Infrastructure gaps in waterways/rivers and in air traffic – How to overcome the neglect of these transport modes?*
- *Overcoming urban and rural infrastructure gaps - The role of public and private institutions and of formal and informal actors?*
- *Is PIDA (Programme for Infrastructure Development in Africa) delivering in terms of transport infrastructure?*
- *Trans Africa Highways and African Transboundary Corridors – Are there successful Examples of Local Industry Development?*
- *How to make transport systems more easily accessible to the poor –Which innovations matter?*

Energy Infrastructure and Sustainable Industrialization in Africa: The Role of Technology Development and Innovation

- *Which factors explain the infrastructure gap in electricity supply to industries - what can we learn from successful power providers and from successful industrial energy users?*
- *Can special economic zones solve the energy supply problems through innovations, infrastructural investments and sustainable industrial processes?*

- *Are the Science, Technology and Innovation (STI) policies towards the energy infrastructure sector supportive to sustainable industrialization?*
- *How to assess the gaps in rural and urban energy infrastructure for economic sectors and socio-economic groups?*
- *Which electrification programmes are successful, and what are the reasons for successes?*
- *Local production of renewable energy technologies – an agenda for industrial policies?*

Towards Inclusive and Sustainable Industrialization in Africa – Impacts on Employment, Environment, Human Resources Development and Technology Adoption

- *Assessing criteria for industrial policy promotion of medium and high-technology industries and services*
- *The contribution of Foreign Direct Investment (FDI) to inclusive and sustainable industrialization - How can FDI policies matter?*
- *Financial Inclusion and Small Industry Development – New Approaches?*
- *Infrastructure Support for Small-Scale Industrialization – Who is Caring, who is delivering?*
- *Agri-industrial Development Policies – How to promote Small Farmers, Small Traders and Small Producers?*
- *Employment Creation through inclusive and sustainable industrialization – which sectors matter?*
- *Start-ups, Venture Capital Businesses, and IT Infrastructure – Spectacular Growth Ahead?*

Informal Manufacturing Sectors in Africa and Sustainable Industrialization

- *Assessing the capabilities in informal sector manufacturing – What do we know?*
- *Assessing the Role of Infrastructure Policies and of STI Policies for Informal Sector Support Systems*
- *Informal Businesses for Digital Development and Digital Infrastructure – The Role of Digital Entrepreneurs?*
- *Case studies of building technical and managerial competence in informal sector manufacturing enterprises*

Sustainable Industrialization and the Role of “African Industrial Challengers”: Innovative Firms in Africa and their Strategies

- *Assessing the innovation capacity of high-growth corporations in Africa*
- *How can the “African Industrial Challengers” overcome infrastructure and innovation barriers?*
- *Evaluating the innovation and R&D strategies of high-performing enterprises in Africa*
- *Private sector development through tax incentives for higher corporate R&D expenditures in Africa*
- *Are the “African Industrial Challengers” contributing to regional trade and regional production networks?*

Global Value Chains, Regional Value Chains and Sustainable Industrialization in Africa: Case Studies of Small and Medium-Sized Firms

- *Small Manufacturing Firms in Global Value Chains: Is Integration contributing to Technological Upgrading and to Human Resources Development?*
- *Criteria for Public Sector Infrastructure Investments and Public STI Support to strengthen the impact of global and regional value chains on small firms*
- *Economic and social upgrading of small firms through global and regional value chains by supporting industrial sector development strategies*
- *Small and medium-sized firms in global and regional IT networks*

Local Industry Development Policies, Local Infrastructure Programmes and Local Innovations in Africa: The Role of Grassroots Initiatives

- *Analysing Cases of Successful Grassroots Innovations and of Traditional Knowledge Platforms - Impacts on Local Employment, Livelihoods and Poverty Reduction?*
- *Analysing Cases of Successful Local Initiatives for Infrastructure Development – Impacts on Water and Sanitation, Health and Education*
- *Criteria for Evaluating Local Grassroots Development Initiatives – Impacts on Inclusive Growth and Economic Diversification?*
- *Political, Administrative and Fiscal Decentralization – Impacts on Local Infrastructure Development, Local Innovation Systems, and Local Sustainable Industrialization*

Regional Integration Processes, Regional Infrastructure Programmes and Regional Innovation Systems in Africa – Case Studies

- *Evaluating the Dependence of Regional Value Chains on deep Regional Integration and on effective Regional Innovation Systems*
- *Assessing Regional Value Chains, Regional Infrastructure Development and Regional Innovation Systems in Western, Southern and Eastern Africa*
- *Towards more long-term development agendas for Regional Economic Communities (RECs) in Africa – focus on infrastructure, industrialization, and innovation issues*
- *Is there a need for regional industry, innovation, infrastructure and competition policies?*

Innovation Systems, Infrastructure Development Programmes and Structural Transformation in Africa: Country Cases

- *Assessing the role of innovation systems and of infrastructure development for structural transformation in Africa*
- *Successful “structural transformers” and their strategies and policies – what can Africa learn from other World regions?*
- *How can digitalization contribute to structural transformation – Role of Digital Development Plans?*
- *How can start-up firms and entrepreneurship incubation centres contribute to structural transformation – Lessons from successful cases?*

Industrial Production, Digital Infrastructure and Open Innovation in Africa

- *Can the provision of affordable digital infrastructure speed up the leapfrogging of advanced countries’ technologies in Africa?*
- *For which production and services sectors is digital entrepreneurship a key development factor?*
- *Assessing the role of open innovation to manufacturing sectors of African countries – Comparing Sector Cases*
- *Cases of open innovation in selected manufacturing and services sectors – How are the open innovation platforms working?*
- *Towards more inclusive and equitable business models – are they based on open innovation solutions?*

To the Contributors of Volume 22:

Please send an Abstract and a short CV not later than **December 15, 2018** to the Managing Editor and to the Volume Editor (see below). The Editors will respond within 4 – 6 weeks to your proposal. If you have already contributed to a former volume of the Yearbook, please send only an Abstract.

To the Guest Editors of Volume 22:

Please send a short CV and a Proposal for one of the Thematic Units mentioned above. If you have already contributed to a former volume of the Yearbook, please send only the Proposal.

Timeline for Volume 22 (2020):

Deadline for Abstracts/Proposals for Thematic Units: December 15, 2018

Acceptance or Rejection of the Proposed Contribution: January 31, 2019

First Draft of the Contribution: April 15, 2019

Final Draft of the Contribution after the Review Process: October 15, 2019

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