



Promoting Clean Technology Manufacturing: Opportunities and Challenges for African Countries

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Opportunities for African Clean Technology Manufacturing



Demand

Generation shortage

Ambitious country & regional strategies

Economic & Political Viability

Indigenous resources (RE, labor, material)

Local job creation for comparatively expensive clean projects

Climate Finance and other IFI and donor sources

Export potential

Opportunity for African countries to Leap Frog on a low carbon green growth path

Challenges for African Clean Technology Manufacturing (1)



Challenges for African Clean Technology Manufacturing (2)



Quality

Certification

Absorptive Capacity

Medium and Highly Skilled Human Capital

Clean Technology Manufacturing: Some -not only- methodological issues



- Common Misperception: Direct investment will – **automatically** – lead to Technology Transfer
- Lower versus **Higher end of the value chain**



Price-weighted local content of clean technology installations over their life period

Way Ahead



Establish well-designed incentive systems
(strategies, financial, infrastructure, etc.)

Foster national innovation systems in recipient countries to
be supportive of clean technology solutions

*Example: Integrated approaches to local manufacturing
(Egypt's targeted calls)*

Flexibility in procurement processes to encourage local
contribution

AfDB Stands Ready



Knowledge
Work

Sovereign
Lending

Technical
Assistance

Private Project
Financing

Equity

Policy-based
Lending

Thank You!



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