



BRICS
Business Council

Future Skills Conference A South African Perspective

November 2019



Basic education falling engineering sector

2017-06-25 07:45

The quality of the country's basic education is one of the main reasons the engineering sector is struggling to transform.

PwC South Africa > Press office > Skills gap is hampering businesses' recruitment efforts

Skills gap is hampering businesses' recruitment efforts – PwC report

South Africa's unemployment rate rises to 27.6% in first quarter

ECONOMY / 14 MAY 2019, 12:07PM / KABELO KHUMALO



#Shutdown: Protests keep pupils out of schools

2019-04-12 17:39

Jenni Evans



Skills challenges in SA

- Basic education issues
- Perceived desirable qualifications
- Unemployment of graduates
- Post school education and training
- Technical skills and equipment
- Upskilling existing employees
- Displacements and reskilling
- Disconnect between industry, government and learning institutions
- Duplication of effort

4IR: Opportunities and challenges for South Africa

Opportunities

- Decrease inequalities
- Leapfrog traditional developmental steps
- Improved service delivery
- Increased opportunity to access learning and knowledge
- Redefine curricula
- Youth demographic

Challenges

- Quantum of possible job losses
- Increasing skills gaps
- Increasing inequality
- Infrastructure and digital infrastructure gaps
- Rate of change vs speed of response

4IR: Addressing skills challenges

- Presidential 4IR commission
 - Digital skills strategy
 - Human resource development strategy
 - Coding and robotics in schools
- BRICS 4IR work stream (PartNIR)
- Research on new sectors and new jobs - identified by organised labour and Setas
- WIFI rollout
- Private companies and learning institutions becoming active in space

BRICS cooperation to solve SA skills challenges

- New curricula and standards
- Funding skills programmes
- Tvet network
- PartNIR agreement
- Exchange programmes
 - Students
 - Teachers
 - Equipment and technology
 - Knowledge exchange

Possible BRICS collaboration projects

- Research project on future skills curriculum
- Joint curriculum development
- BRICS Skills Colleges
- Funding support
- Government support for teacher exchange across BRICS for these colleges
- Skills infrastructure – PartNIR project



THANK YOU

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