

115 677 5698

Reviews of National Policies for Education

# Higher Education in Egypt

**B 369577**

---



**THE WORLD BANK**

## *Table of Contents*

<b>Acronyms.....</b>	<b>9</b>
<b>Executive Summary .....</b>	<b>13</b>
<b><i>Chapter 1. Introduction.....</i></b>	<b>43</b>
Purpose and scope of the exercise.....	43
Request from Egypt and Terms of Reference .....	44
Country Background Report .....	44
Caveats.....	45
Definitions of tertiary education programmes .....	46
<b><i>Chapter 2. Egypt and its Educational System: An Overview .....</i></b>	<b>51</b>
Economic development.....	51
Human development .....	53
Population .....	55
Workforce .....	56
Education system .....	59
Technical and vocational education .....	60
TVET and the International Standard Classification of Education (ISCED).....	62
Other TVET programmes .....	62
In-service training .....	63
Higher education.....	64
Main findings and conclusions.....	65
<b><i>Chapter 3. Development Strategy.....</i></b>	<b>69</b>
Overview.....	69
The Government’s Five-year Plan .....	70
Accommodating demographic growth.....	72
Strategic choices for higher education .....	74
Recommendations.....	76

<b>Chapter 4. System Steering and Institutional Governance</b> .....	<b>79</b>
Introduction.....	79
Policy framework.....	80
System steering in Egypt.....	92
Governance of the TVET sector .....	95
Institutional governance reform in Egypt.....	104
Main findings and conclusions.....	122
Recommendations.....	124
<b>Chapter 5. Student Access to Higher Education</b> .....	<b>135</b>
Policy framework.....	135
Where should decisions about student admissions be made? .....	137
What are the criteria by which student admission decisions should be made? .....	139
Concerns about the current system for admission to higher education in Egypt.....	142
Assessment of proposed changes to the higher education admissions system.....	148
Main findings and conclusions.....	154
Recommendations.....	155
<b>Annex 5A. A Typology of Admission Policies Worldwide</b> .....	<b>157</b>
<b>Chapter 6. Educational Quality and Effectiveness</b> .....	<b>161</b>
Introduction.....	161
Policy framework.....	161
The quality of Egyptian higher education.....	165
Quality of technical and vocational education and training .....	166
TVET qualification standards .....	167
Specific observations regarding the quality of higher education .....	169
Educational inputs.....	170
Quality of the educational process .....	175
The effectiveness of higher education for Egypt’s labour market .....	181
Internationalisation of Egyptian higher education .....	184
International student mobility .....	188
Academic staff mobility.....	193
Second language acquisition.....	194
International dimension in the curriculum .....	194
Capacity to support internationalisation.....	195
Quality assurance and improvement initiatives in Egypt.....	196
National qualifications framework.....	201
Main findings and conclusions.....	202
Recommendations.....	207

<b>Chapter 7. Research, Development and Innovation .....</b>	<b>213</b>
The Research, Development and Innovation (RDI) framework .....	213
Readiness for the knowledge economy: the knowledge economy index .....	218
The structure and organisation of the RDI system in Egypt .....	219
Comparative analysis of Egypt's performance in RDI .....	227
Strengths, weaknesses, opportunities and challenges of Egypt's RDI system.....	235
Lessons from international experience.....	241
Restructuring the RDI system and its institutions .....	242
Improving the relevance, quality and impact of RDI initiatives and programmes .....	247
The challenges of priority setting in RDI.....	247
Ensuring the long term sustainability of public funding of RDI .....	249
Energising the RDI agenda .....	250
Evaluation and assessment of funded RDI initiatives .....	251
Main findings and conclusions.....	253
Recommendations .....	254
<b>Chapter 8. Finance.....</b>	<b>257</b>
Introduction.....	257
Resource mobilisation.....	258
Financing technical and vocational education and training .....	263
Private funding of higher education .....	266
Cost-sharing .....	267
Resource diversification in public universities .....	270
Research funding.....	270
Formulating a sustainable funding strategy .....	272
Resource allocation .....	278
Resource utilisation.....	283
Equity aspects .....	288
Main findings and conclusions.....	292
Recommendations.....	293
<b>Annex 8A. Resource Diversification Matrix for Public Tertiary Institutions by Category and Source of Income.....</b>	<b>295</b>
<b>Chapter 9. Reform Implementation .....</b>	<b>299</b>
Progressing reform in Egyptian higher education.....	299
Selection of implementation strategy.....	300
An agenda of initial initiatives .....	302
Informing the debate .....	305
Recommendations .....	306