

## Implementation Status & Results

### Nigeria

#### Nigeria Federal Science & Technical Education at Post-Basic Levels (STEPB) (P074132)

Operation Name: Nigeria Federal Science & Technical Education at Post-Basic Levels (STEPB) (P074132) Project Stage: Implementation Seq.No: 12 Status: ARCHIVED Archive Date: 08-Jan-2013

Product Line: IBRD/IDA Country: Nigeria Approval FY: 2007  
 Region: AFRICA Lending Instrument: Specific Investment Loan  
 Implementing Agency(ies):

#### Key Dates

Board Approval Date	22-May-2007	Original Closing Date	30-Sep-2011	Planned Mid Term Review Date	01-Oct-2009	Last Archived ISR Date	23-Jun-2012
Effectiveness Date	11-Feb-2008	Revised Closing Date	30-Jun-2013	Actual Mid Term Review Date	12-Feb-2010		

#### Project Development Objectives

Project Development Objective (from Project Appraisal Document)

**The Development Objective of the Project (PDO) is for the Nigerian federal post-basic education and research sub-sector to produce more and better qualified science and technology (S&T) graduates, and higher quality and more relevant research.**

**The proposed project will also build capacity within the participating federal Post-Basic Education Institutions to manage, monitor and evaluate merit-based S&T funding according to international best practices. The project would be a first phase (of a longer-term program) of making it possible for Nigeria to produce an increasing number of university graduates with relevant skills and qualifications in S&T areas relevant for sustained economic growth in Nigeria.**

Has the Project Development Objective been changed since Board Approval of the Project?

Yes  No

#### Component(s)

Component Name	Component Cost
1. Quality enhancement and innovation fund (QEIF) in STEPB	80.00
2. Supporting the emergence of Centers of Excellence	54.00
3. Supporting sector-wide initiatives and project management	46.00

#### Overall Ratings

	Previous Rating	Current Rating
Progress towards achievement of PDO	Satisfactory	Satisfactory
Overall Implementation Progress (IP)	Moderately Satisfactory	Satisfactory
Overall Risk Rating		Low

#### Implementation Status Overview

The Project continues to make substantial progress under all three components. Key achievements are: (i) 587 students (of whom 30 percent females) benefited from the Innovators of Tomorrow program; (ii) about 720 grants (against an appraisal target of up to 600) were awarded for quality of learning and research; (iii) Eleven emerging Centers of Excellence are implementing their approved grants (amounting to about US\$55 million equivalent in commitments); (iv) establishment of teacher standards, technical and vocational education framework, and revision of Science and Technology policy; and (v) planned studies are completed, except one. NPS has granted additional grant funding to Post-Basic Educational Institutions (PBEIs), based on their performance on ongoing/completed projects.

Early signs of project impact indicate some positive results: (i) increased enrollment in S&T at all levels (33% at secondary school level to 19% at university level in two years); (ii) increased interest in S&T research of direct relevance to the Nigerian economy; (iii) increased co-operation and extensive partnership among institutions; (iv) availability of well-equipped S&T laboratories in post-basic educational institutions; (v) increased use of Information Communication Technologies (ICT); (vi) fruitful collaboration with the New Economy Skills for Africa Program on provision on business process outsourcing training geared towards employment in the ICT-enabled services sector; (vii) framework and standards for teachers at the National Colleges of Education; (viii) framework on National Vocational Qualifications for the recognition of skills and competence acquired on the job, based on nationally-validated assessment and certification system; and (ix) greater transparency in public funding and procurement.

**Locations**

Country	First Administrative Division	Location	Planned	Actual
Nigeria	Abuja Federal Capital Territory	Abuja	✓	

**Results**

**Project Development Objective Indicators**

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target	
Percentage increase in the number of S&T graduates from beneficiary PBEIs	<input type="checkbox"/>	Text	Value	Total: 99,866 Male: 56,634 Female: 43,232	Total: 132001 Male: 74,995 Female: 57,006	6% increase over baseline	
			Date	20-Feb-2008	06-Dec-2012		30-Jun-2013
			Comments	2007	2012; 32% increase over baseline.		
Percentage increase in the number of senior secondary schools students that obtain a minimum of five credits in S&T subjects at national examination at beneficiary schools	<input type="checkbox"/>	Text	Value	Total: 36,953 Male: 14,975 Female: 21,978	Total: 56,552 Male: 22,628 Female: 33,924	25% increase over baseline	
			Date	20-Feb-2008	06-Dec-2012		30-Jun-2013
			Comments	2007	2012; 53% increase over baseline.		
Percentage increase in the number of S&T publications from PBEIs in peer reviewed journals/ conferences.	<input type="checkbox"/>	Text	Value	0	72	10% increase	
			Date	20-Feb-2008	06-Dec-2012		30-Jun-2013
			Comments	2007	2012 (figure represent number)		

Number of national, regional and international teaching and research partnerships established and operational involving beneficiary institutions	<input type="checkbox"/>	Text	Value	24	76	35
			Date	20-Feb-2008	06-Dec-2012	30-Jun-2013
			Comments	2007	2012; All institutions	
Percentage of fully accredited S&T programs in beneficiary tertiary institutions	<input type="checkbox"/>	Percentage	Value	16.00	53.00	30.00
			Date	30-Nov-2009	06-Dec-2012	30-Jun-2013
			Comments	2007; Value represents percent	2012; Value represents percent.	Value represents percent

**Intermediate Results Indicators**

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Percentage increase in the number of students enrolled for S&T programs in all beneficiary PBEIs, disaggregated by gender	<input type="checkbox"/>	Text	Value	Total: 438,929 Male: 262,717 Female: 176,212	Total: 552,628 Male: 321,858 Female: 230,770	6% increase over baseline
			Date	01-Oct-2009	06-Dec-2012	30-Jun-2013
			Comments	2007; New base line measured in October 2009	2012; 26% increase over baseline.	
Number of students granted Innovators of Tomorrow awards, disaggregated by gender	<input type="checkbox"/>	Number	Value	0.00	587.00	400.00
			Date	30-Jun-2008	06-Dec-2012	30-Jun-2013
			Comments		2011 Male: 408 Female: 179 Target exceeded by 47%	
Number of re-equipped and refurbished laboratories and workshops in all beneficiary institutions	<input type="checkbox"/>	Text	Value	0	158	32
			Date	20-Feb-2008	06-Dec-2012	30-Jun-2013
			Comments		2012 (number)	
Number of Centers of Excellence established. Fields of focus of established CoEs.	<input type="checkbox"/>	Text	Value	0	11 CoExs established in national priorities	At least 8 CoEX established and started up. At least 6 CoEX active in non-oil fields of S&T
			Date	26-Apr-2007	06-Dec-2012	30-Jun-2013
			Comments		At least 6 technical papers completed.	
Number of working papers ( technical and research reports, patents, publications, consultancy reports, publications, manuscripts and manuals) emanating from research in STEPB COEx.	<input type="checkbox"/>	Number	Value	0.00	60.00	
			Date	30-Jun-2008	06-Dec-2012	30-Jun-2013
			Comments	-		No target shown at appraisal. Given that initially 7-9 Centers of Excellence were envisaged, the target would

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						be 54 (9 institutions, with an average of six technical papers each)
Annual post-basic S&T education statistics report produced and disseminated to key stakeholders.	<input type="checkbox"/>	Text	Value	2004/05 Education Statistics do not have satisfactory separate data on S&T strategic activities in Post-Basic Education	70% of validation complete (3 out of 5 Regulatory agencies)	Publication of 2009/10 PB S&T Education Statistics with satisfactory strategic information on achievement and performance (internationally comparable)
			Date	26-Apr-2007	12-Dec-2012	30-Sep-2011
			Comments			
National framework and standards for S&T education and training in place.	<input type="checkbox"/>	Text	Value	Separate national policies for S&T and for Education are in place.	4 out of 5 end-of target studies completed	1. National Secondary S&T Education curricula review completed; 2. Draft National Vocational qualification Framework developed; 3. Draft National Performance standard for S&T teacher education developed and piloted; 4. S&T Laboratory standard drafted; 5. Conceptual Framework for Labor market Observatory developed.
			Date	26-Apr-2007	06-Dec-2012	31-Dec-2012
			Comments		(Work towards draft of national S&T standards at an advanced stage)	
Framework for National Research and Education Network (NREN) to facilitate development and sharing of resources among PBEIs developed	<input type="checkbox"/>	Text	Value	NREN at conceptual stage	(1) Initial bidding completed for NREN (broadband MPLS, Network Management Center and Multimedia, and Capacity-building; (2) Physical facility for Network Management Center established; (3) NREN is fully registered; (4) Provision made for expansion of NREN; (5) Sustainability mechanisms in place (University Vice-chancellors to show ownership and commitment	Framework for NREN developed

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					by contributing Naira 10 million each for NREN.	
Date	01-Jun-2009	06-Dec-2012	30-Jun-2012			
Comments						

**Data on Financial Performance (as of 16-Nov-2012)**

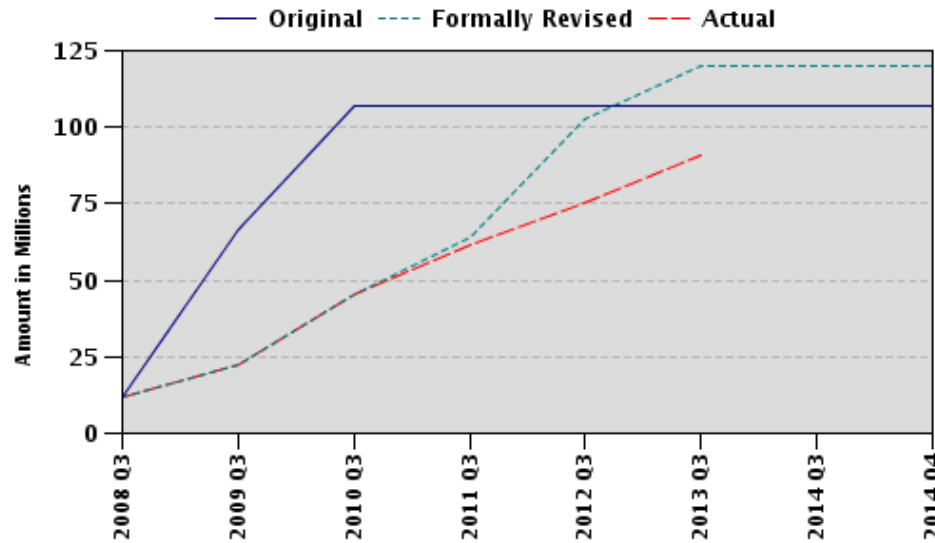
**Financial Agreement(s) Key Dates**

Project	Ln/Cr/Tf	Status	Approval Date	Signing Date	Effectiveness Date	Original Closing Date	Revised Closing Date
P074132	IDA-43040	Effective	22-May-2007	28-Aug-2007	11-Feb-2008	30-Sep-2011	30-Jun-2013

**Disbursements (in Millions)**

Project	Ln/Cr/Tf	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P074132	IDA-43040	Effective	XDR	120.00	120.00	0.00	90.66	29.34	76.00

**Disbursement Graph**



**Key Decisions Regarding Implementation**

To ensure project success, all institutions, including Centers of Excellence need to focus on expediting implementation of remaining activities, as agreed with the Bank. There has been some progress on ensuring project sustainability by the Regulatory Agencies at the post-basic educational institution level.

**Restructuring History**

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CD Approved on 17-May-2009, Level two Approved on 13-May-2010

### **Related Projects**

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There are no related projects.

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