

Project's Financial Statements and Independent Auditor's Report

Ministry of Education and Science of the Republic of Macedonia

"Skills Development and Innovation Support Project" -International Bank for Reconstruction and Development Loan number 8332-MK

For the period from 01 January 2017 to 31 December 2017

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Management Responsibility

The accompanying financial statements comprising the Statement of Sources and Uses of Funds, Statement of Uses of Funds by Project Activity, Balance sheet, Statement of Breakdown of Loans and Grants, Statement of Withdrawals (SOE's), Designated Account Statements and related disclosure Notes (further referred as to "Project's Financial Statements"), of the Ministry of Education and Science of the Republic of Macedonia ("the Ministry"), "Skills Development and Innovation Support Project" (further referred to as "the Project"), financed under International Bank for Reconstruction and Development Loan ("IBRD") numbered 8332-MK ("Original loan") as at and for the period from 01 January 2017 to 31 December 2017 included on pages 4 to 31, are the responsibility of, and have been approved by the Project's management.

The accompanying Project's financial statements have been compiled by the Project's management, for the purposes of reporting to the Ministry and the International Bank for Reconstruction and Development, in conformity with the related requirements of the World Bank's financial reporting guidelines and in compliance with the relevant provisions set out in the Loan Agreement numbered 8332-MK dated 7 February 2014.

Project's management, in furtherance of the integrity and objectivity of the Project's financial statements, has developed and maintained an internal control structure, including the appropriate control environment, accounting systems and control procedures. Project's management believes that internal controls provide assurance that financial records are reliable and form a proper basis for the preparation of financial statements, and that assets are properly accounted for and safeguarded. There are, however, inherent limitations that should be recognized in considering the assurances provided by the internal control structure. The internal control process also includes management's communication to employees of policies, which govern ethical business conduct.

Grant Thornton DOO Skopje, Independent Auditors, have been engaged to audit these Project's financial statements in accordance with the International Standards on Auditing. Their report is included on pages 2 and 3.

25 June 2018

Arbër Ademi

Minister of

Education and Science

Igor Krstevski

Project Director

Aleksandra Davitkovska

Financial Manager

Joyan Despotovski

Acting director of Fund for Innovation

and Technological Development



Independent Auditor's Report

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To the Management of the Project

We have audited the accompanying financial statements of the Ministry of Education and Science of the Republic of Macedonia ("the Ministry"), "Skills Development and Innovation Support Project" (further referred to as "the Project"), financed under International Bank for Reconstruction and Development, Loan numbered 8332-MK, comprising the Statement of Sources and Uses of Funds, Balance sheet, Statement of Uses of Funds by Project Activity, Statement of Breakdown of Loans and Grants, Statement of Withdrawals, Designated Account Statements and related disclosure Notes (further referred as to "the Project's Financial Statements") as at and for the period from 01 January 2017 to 31 December 2017 and included on pages 4 to 31.

Management's responsibility for the Project's financial statements

These Project's financial statements are compiled for the purposes of reporting to the Ministry and the International Bank of Reconstruction and Development management, and are the responsibility of the management of the Project. The Projects' management is responsible for developing and maintaining such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatements, whether due to fraud or error.

The Project's Management policy is to prepare the accompanying Project's financial statements on the cash receipts and disbursement basis in conformity with the related requirements of the World Bank's financial reporting guidelines and in compliance with the relevant provisions set out in the Loan Agreement numbered 8332-MK dated 7 February 2014. On this basis, cash receipts are recognized when received rather when earned and cash expenditures are recognized when paid rather than when incurred.

Auditor's responsibility

Our responsibility is to express an opinion on these Project's financial statements based on our audit. We conducted our audit in accordance with auditing standards accepted in the Republic of Macedonia¹. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement. An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements.

¹ International Standards on Auditing ("ISA") issued by the International Auditing and Assurance Standards Board ("IAASB"), effective from 15 December 2009, translated and published in the "Official Gazette" of the Republic of Macedonia no. 79 from 2010.



The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Project's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Project's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the accompanying financial statements of "Skills Development and Innovation Support Project", financed under International Bank for Reconstruction and Development, Loan numbered 8332-MK, present fairly, in all material respects, the Project's financial position as at 31 December 2017, and the movement on the Sources and Uses of Funds, Statement of Uses of Funds by Project Activity, Statement of Breakdown of Loans and Grants, Statement of Withdrawals and Designated Account Statements for the period from 01 January 2017 to 31 December 2017, in conformity with the related requirements of the World Bank's financial reporting guidelines and in compliance with the relevant provisions set out in the Loan Agreement numbered 8332-MK dated 7 February 2014.

Skopje,

25 June 2018

Grant Thornton DOO, Skopje

Director

Suzana Stavrik

Certified Auditor

Suzana Stavrik

For the period from 01 January 2017 to 31 December 2017

Statement of Sources and Uses of Funds

(Amounts in EUR) For the period from 01 January 2017 to 31 December 2017

	Act			nned	Variance		
	Current	Cumulative	Current	Cumulative	Current	Cumulative	
	period	to date	period	to date	period	to date	
Sources of funds	·		•		·		
World bank DA-A	990,148	2,982,159	990,148	2,982,159	=	=	
World bank DA-B	698,494	1,698,494	698,494	1,698,494	_	_	
Interests Earned	-	-	-	-	_	_	
Total sources of funds	1,688,642	4,680,653	1,688,642	4,680,653	_	_	
Total coulous of failus	1,000,012	1,000,000	1,000,012	1,000,000			
Transferred funds from users for							
eligible expenses paid during 2016							
(returned funds) ¹	17,802	17,802	-	-	(17,802)	(17,802)	
	17,802	17,802	-	-	(17,802)	(17,802)	
Foreign exchange difference	,	,			(11,00=)	(,,	
Exchange gains	162	312	162	312	_	_	
Exchange losses	(185)	(289)	(185)	(289)	_	_	
Foreign exchange differences, net	(23)	23	(23)	23			
Foreign exchange unlerences, her	(23)	23	(23)	23	_	-	
Uses of funds							
Financed by WB Component 1: Improving							
Transparency in higher education	186,408	339,149	198,314	351,055	(11,906)	(11,906)	
Component 2: Modernization of	100, 100	000,110	100,011	001,000	(11,000)	(11,000)	
Secondary Technical Vocational							
Education and Training	382,040	991,978	546,736	1,156,672	(164,696)	(164,694)	
Component 3: Improving the							
Innovative capacity of enterprises							
and collaboration with research	400.074	224 200	400.700	000 000	0.044	0.044	
organizations Component 3: Sub-component 3.2:	130,971	234,309	128,760	232,098	2,211	2,211	
Pilot of Financial Instruments to be							
delivered by FITD	259,035	760,033	198,752	699,750	60,283	60,283	
Component 4: Project Management	,	,	,	,	,	,	
and Monitoring and Evaluation	308,937	886,118	360,644	937,825	(51,707)	(51,707)	
Front and fee	=	44,250	-	44,250	=	-	
Subtotal - Financed by WB	1,267,391	3,255,837	1,433,206	3,421,650	(165,815)	(165,813)	
·					,	, ,	
Financed by GoM							
Component 1: Improving							
Transparency in higher education	-	-	-	-	-	-	
Component 2: Modernization of							
Secondary Technical Vocational							
Education and Training Component 3: Improving the	-	-	-	-	=	-	
Innovative capacity of enterprises							
and collaboration with research							
organizations	-	-	-	-	-	-	
Component 4: Project Management							
and Monitoring and Evaluation	-	-	-	-	-		
Subtotal - Financed by the GoM	-	-	-	-	-	-	
Total uses of funds	1,267,391	3,255,837	1,433,206	3,421,650	(165,815)	(165,813)	

¹ The amount of 17,802 euro is returned funds from the co-financed grants of the financial instruments of the FITD for funds that are transferred to the user for eligible expenditures paid during 2016.

For the period from 01 January 2017 to 31 December 2017

Statement of Uses of Funds by project activity (continued)

(Amounts in EUR)

* .		For the period	from 01 J	anuary 2017	to 31 Dec	cember 2017
	Ac	Actual		nned	Variance	
	Current period	Cumulative to date	Current period	Cumulative to date	Current period	Cumulative to date
Balance	439,030	-	-	-	-	
Bank balances, at beginning of the period	1,003,611	-2	2	=	=	=
Bank balances, at end of the period	1,442,641	-	-	-	-	-

The Project's Financial Statements have been approved by the Ministry on 25 June 2018 and signed on its behalf by:

Arbër Ademi

Minister of

Science

Education and

Igor Krstevsk

Project Director

Aleksandra Davitkovska

Financial Manager

Jovan Despotovski

Acting director of Fund for Innovation

and Technological Development

For the period from 01 January 2017 to 31 December 2017

Statement of Uses of Funds by Project Activity -MoES

	Act Current period	•	Plan	January 201 ned Cumulative to Date	7 to 31 Dec Vari	ember 2017 ance Cumulative to Date
Component 1: Improving Transparency of Higher Education	ροσα	10 2410	poou	10 2410	pollod	to Date
Contract 1: External Evaluation of Universities Contract 2: Needs Assessment for Capacity	50,925	50,925	50,925	50,925	-	-
Building of the Board for HEAEB	5,158	14,608	5,158	14,608	-	-
Contract 3: Needs Assesment, Strategy and Policy Development for NTTO	-	97,386	-	97,387	-	(1)
Contract 4: Administration and Communication Officer for HEAEB Contract 5: Web-Site Developer and ICT	10,995	18,697	11,000	18,701	(5)	(4)
Support and Maintenance Consultant for HEAEB	10,996	13,733	11,000	13,737	(4)	(4)
Contract 6: Quality Assurance and Evaluation Officer for HEAEB	10,995	13,732	11,000	13,737	(5)	(5)
Contract 7: Design and Establishment of EMIS for Higher Education Contract 8:Assessment of Funding Model	26,972	36,541	34,000	43,569	(7,028)	(7,028)
Options and Preparation of Funding Model and Formula and Implementation Plan	70,367	93,527	75,231	98,391	(4,864)	(4,864)
Contract 9	-	-	-	-	-	-
Contract 10	-	=	-	-	=	-
Contract 11	-	=	=	=	-	=
Contract 12	-	-	-	-	-	-
Payments without contract	400 400	- 220 4 40	400.044	254.055	- (44.000)	- (44.000)
Sub-total	186,408	339,149	198,314	351,055	(11,906)	(11,906)
Component 2: Modernization of Secondary Technical Vocational Education and Training						
Contract 1: Skills forecasting	-	78,400	-	78,399	-	1
Contract 1: Skills forecasting Contract 2: Development and Design of the	_	70,400	_	70,555	_	•
Concept for Secondary TVET Contract 3: TA for new competency based curriculum and pertinent modules for	314,844	639,995	462,536	787,688	(147,692)	(147,693)
innovation and entrepreneurship education in secondary education Contract 4: Preparation of program for provision of grants and support in	-	123,120	-	123,120	-	-
development of implementation legal procedures	-	55,995	-	55,994	-	1
Contract 5	-	-	-	-	-	-
Contract 6	-	-	-	-	-	-
Contract 7	-	-	-	-	-	-
Payments without contract	-	-	-	-	-	-
Transfers (Grants) for Secondary TVET Schools-Business Sector Joint Projects	67,196	93,231	84,200	110,234	(17,004)	(17,003)
Training related to implementation of the grants program (preparation of applications)		1,237		1,237		
Sub-total	382,040	991,978	546,736	1,156,672	(164,696)	(164,694)

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Financial Statements

For the period from 01 January 2017 to 31 December 2017

Statement of Uses of Funds by project activity (continued)

(Amounts in EUR)

	For the period from 01 January 2017 to 31 December 201 Actual Planned Variance						
		tuai Cumulative	Plar Current	nea Cumulative	Variance Current Cumulative		
	period	to Date	period	to Date	period	to Date	
Component 3: Improving the Innovative	p =		p		p		
capacity of enterprises and collaboration							
with research organizations	-	-	-	-	-	-	
Contract 1: Resident Advisor for Capacity	42.024	9E 402	26,000	70.450	6.024	6.024	
Building of the FITD	42,034	85,493	36,000	79,459	6,034	6,034	
Contract 2: Software for the Needs of the FITD	2,476	36,867	1,440	35,831	1,036	1,036	
Contract 3: Equipment for the FITD Contract 4: Technical assistance/capacity	-	4,928	-	4,928	-	-	
building for grants beneficiaries	66,146	66,146	75,030	75,030	(8,884)	(8,884)	
Contract 5: Office chairs for FITD	-	1,970	-	1,970	-	(=,== :) -	
Contract 6: FITD Financial Management		.,0.0		.,			
Assistant	10,391	17,007	8,490	15,106	1,901	1,901	
Contract 7: FITD Program Assistant	8,796	14,597	7,800	13,601	996	996	
Contract 8	-	-	-	-	-	-	
Payments without contract	-	-	-	-	-	-	
Capacity Building of the FITD/ Training /							
Barcelona, Spain	679	6,852	-	6,173	679	679	
Capacity Building of the FITD/ Training /	4.40	440			4.40	440	
Barcelona, Spain / Petty Cash Sub-component 3.2. Pilot of Financial	449	449	-	-	449	449	
Instruments (FITD)	259,035	760,033	198,752	699,750	60,283	60,283	
Sub-total	390,006	994,342	327,512	931,848	62,494	62,494	
oub-total	000,000	00 .,0 .2	021,012	001,010	02, 10 1	02, 10 1	
Component 4: Project Management and							
Monitoring and Evaluation	-	-	-	-	-	-	
Contract 1: Project Manager/Director	18,915	80,915	20,680	82,680	(1,765)	(1,765)	
Contract 2: Procurement Specialist	16,097	68,839	17,520	70,262	(1,423)	(1,423)	
Contract 3: Financial Specialist	12,205	51,232	13,320	52,347	(1,115)	(1,115)	
Contract 4: Coordinator for business and	,	- , -	-,-	- ,-	(, - ,	(, - ,	
innovations	12,205	51,648	13,320	52,763	(1,115)	(1,115)	
Contract 4: Coordinator for business and							
innovations: Petty chash telephone charges	53	53	-	=	53	53	
Contract 5: Monitoring and Evaluation Specialist	12,535	41,671	13,572	42,708	(1,037)	(1,037)	
Contract 6: Part-Time Environmental	12,555	41,071	13,372	42,700	(1,037)	(1,037)	
Consultant Contract no:002-15-1/4.1.8	6,596	12,404	5,796	11,604	800	800	
Contract 7: Part-Time Environmental							
Consultant Contract no:002-15-2/4.1.8	7,593	13,601	6,594	12,602	999	999	
Contract 7: Financial/Accounting Software and							
support and maintenance for the project duration	277	1,928	540	2,190	(263)	(262)	
Contract 8: Equipment for the PMU	1,204	3,657	1,200	3,653	(203)	(202)	
					4	4	
Contract 10: Administrative Assistant	- 11,197	15,628	12,000	15,628	(902)	(003)	
Contract 11: Programment Assistant		38,932	-	39,735	(803)	(803)	
Contract 13: Phonon for the DML	11,143	37,521	12,000	38,378	(857)	(857)	
Contract 12: Phones for the PMU Contract 13: Consulting services for logistical	-	5,672	-	5,672	-	-	
support in the organization of a conference							
dedicated to the needs and challenges in the							
area of higher education	438	26,768	-	26,331	438	437	
Contract 14: Monitoring and Evaluation							
Assistant	8,796	18,906	9,600	19,710	(804)	(804)	
Contract 15: Grants Officer	9,044	19,366	9,900	20,221	(856)	(855)	
Contract 16: Performance Audit for Secondary	27.024	27,024	27.024	27,024			
TVET grants Contract 17: Operational Audit for Secondary	27,024	21,024	27,024	27,024	-	-	
TVET grants	5,389	5,389	_	_	5,389	5,389	
Contract 18: Evaluation specialist for the Grant	-,	-,			-,	-,	
Program for Enhancing the collaboration							
between schools and buisness community	25,400	25,400	25,400	25,400	-	-	
Contract 19: Development of Software for Skills	44.040	00 700	E0 050	00.500	(44 700)	(44 707)	
Observatory Contract 20: Technical Assistance for Policy	44,912	68,769	56,650	80,506	(11,738)	(11,737)	
Development and Initial Set-Up of the Skills							
Observatory	_	42,920	-	42,920	_	-	
Contract 21: IT Specialist for the establishment		,===		,3			
of the Skills Observatory	1,998	14,245	1,998	14,245	-	-	

Statement of Uses of Funds by project activity (continued)

(Amounts in EUR)

	For the period from 01 January 2017 to 31 December 2017						
	Act	ual	Plan	ned	Variance		
	Current	Cumulative	Current	Cumulative	Current	Cumulative	
	period	to Date	period	to Date	period	to Date	
Contract 22: IT Senior Administrator for the							
Skills Observatory	12,454	32,545	13,640	33,731	(1,186)	(1,186)	
Contract 23: Skills Observatory Administrator	3,995	14,105	4,800	14,911	(805)	(806)	
Contract 24: VET Coordinator	12,403	26,355	13,520	27,472	(1,117)	(1,117)	
Contract 25: Data collection for conducting a							
tracer study for TVET and HE employment							
outcomes of graduates	-	27,582	40,000	67,582	(40,000)	(40,000)	
Contract 26: Evaluation Specialist for Tracer							
Study for TVET and HE employment outcomes	40.000	40.000	40.000	40.000			
of graduates	16,328	16,328	16,328	16,328	- (22.1)	(0.00)	
Contract 27: Project Audit	4,709	10,050	5,000	10,340	(291)	(290)	
Contract 28: Higher Education Coordinator	2,484	2,483	2,400	2,400	84	83	
Contract 29: Assistant Coordinator for Higher	0.000	0.004	0.000	0.000		0.4	
Education	2,382	2,381	2,300	2,300	82	81	
Payments without contract	-	-	-	-	-	-	
Training / accomodation, per diem, and							
transport / Melbourne	1,149	1,149	-	-	1,149	1,149	
Training / accomodation, per diem, and	0.070	40.504	4 740	0.000	004	004	
transport / Petty Cash	2,373	10,564	1,742	9,933	631	631	
Operating Cost for the PMU	15,651	64,752	12,000	61,101	3,651	3,651	
Operating costs: Bank provision	1,380	2,652	1,200	2,472	180	180	
Operating costs: Petty chash	608	2,684	600	2,676	8	8	
Sub-total	308,937	886,118	360,644	937,825	(51,707)	(51,707)	
Front end fee	=	44,250	-	44,250	-		
Total:	1,267,391	3,255,837	1,433,206	3,421,650	(166,815)	(165,813)	

Balance sheet

31 December 2017	31 December 2016
1,442,641	1,003,611
1,442,641	1,003,611
1,442,641	1,003,611
1,442,641	1,003,611
1,442,641	1,003,611
	1,442,641 1,442,641 1,442,641

Statement of Breakdown of Loans and Grants-MoES

		Cum	ulative for the pe Paid sub-	riod from 01 Ja	nuary 2017 thro	(Amounts in EUR) bugh 31 December 2017 Payment requests
	Sub-Loan/grant No. / WB approved date	Sub-Loan/grant amount	loan/Grant amount	Remaining balance	Outstanding payments	processed (number of transactions)
Sub-component 2.2. Grants for school-business collaboration (MoES)					p=,	,
Transfers (Grants) for Secondary TVET Schools-						
Business Sector Joint Projects						
ASUC Boro Petrushevski, Skopje	24-518/2	18,600	18,453	147	-	3
Grant 1						
Contract 1		-	-	-	-	-
Contract 2		-	-	-	-	-
Contract 3		-	-	=	=	-
Remaining funds		-	-	-	-	-
SOZSU Gjorce Petrov, Kavadarci	24-521/2	19,612	19,573	39	-	3
Grant 2						
Contract 1		=	-	-	=	=
Contract 2		-	-	-	-	-
Contract 3		-	-	-	-	-
Remaining funds		-	-	-	-	-
SSOU Mosha Pijade, Tetovo	24-519/2	9,770	9,770	-	-	3
Grant 3						
Contract 1		-	_	-	-	-
Contract 2		-	_	-	-	-
Contract 3		-	-	-	-	-
Remaining funds		-	-	-	-	-

Financial Statements

For the period from 01 January 2017 to 31 December 2017

Statement of breakdown of Loans and Grants (continued)

Statement of breakdown of Loans and Grants (continued	1)					(Amounts in EUR)
		ough 31 December 2017				
	Sub-Loan/grant No. / WB approved date	Sub-Loan/grant amount	Paid sub- loan/Grant amount	Remaining balance	Outstanding payments	Payment requests processed (number of transactions)
DUCOR Partenija Zografski, Skopje	01-460/2	9,651	9,632	19	-	3
Grant 4						
Contract 1		-	-	-	-	-
Contract 2		-	-	-	-	-
Contract 3		-	-	-	-	-
Remaining funds		=	-	-	-	=
SOU Gjorce Petrov, Kriva Palanka	24-555/2	9,751	7,668	2,083	-	2
Grant 5						
Contract 1		-	-	-	-	-
Contract 2		-	-	-	-	-
Contract 3		-	-	-	-	-
Remaining funds		=	-	=	=	=
SOU Goce Delcev, Valandovo	24-556/2	9,787	9,761	26	-	3
Grant 6						
Contract 1		-	-	-	-	-
Contract 2		-	-	-	-	-
Contract 3		-	-	-	-	-
Remaining funds		-	-	-	-	-
SOU Orde Copela, Prilep	24-538/2	4,864	4,377	487	-	2
Grant 7						
Contract 1		-	-	-	-	-
Contract 2		-	-	-	-	-
Contract 3		-	-	-	-	-
Remaining funds		-	-	-	-	-
SOZU Kuzman Shapkarev, Bitola	24-537/2	4,712	4,702	10	-	3
Grant 8						
Contract 1		-	-	-	-	-
Contract 2		-	-	-	-	-
Contract 3		-	-	-	-	-
Remaining funds		-	-	-	-	-

Financial Statements

For the period from 01 January 2017 to 31 December 2017

Statement of breakdown of Loans and Grants (continued)

Statement of breakdown of Loans and Grants (continued)						(Amounts in EUR)
		Cum	ulative for the pe	riod from 01 Ja	anuary 2017 thro	ough 31 December 2017
			Paid sub-		,	Payment requests
	Sub-Loan/grant No. / WB	Sub-Loan/grant	loan/Grant	Remaining	Outstanding	processed (number of
	approved date	amount	amount	balance	payments	transactions)
OSU Aco Ruskoski, Berovo	24-561/2	4,901	4,892	9	-	3
Grant 9						
Contract 1		-	-	-	-	-
Contract 2		-	-	-	-	-
Contract 3		-	-	-	-	-
Remaining funds		=	-	=	-	=
OSU Riste Risteski Ricko, Prilep	24-557/2	4,902	4,403	499	-	2
Grant 10						
Contract 1		-	-	-	-	-
Contract 2		-	-	-	-	-
Contract 3		=	-	=	-	=
Remaining funds	·	-	-	-	-	<u>-</u>
Total	_	96.550	93.231	3.319	-	27

Statement of Breakdown of Loans and Grants-FITD

	Sub-				Cumulative	for the period fro	Remaining		
	Loan/gra nt No. / WB approved date		n/Grant amount nt/ Co-financing amount	Paid by State budget	Paid Sub-Loan/Gra	nt amount	balance of loan amount	Outstanding payments	Payment requests processed (number of transactions)
		Loan amount	Co-financing amount		Current period	Cumulative amount			
Sub-component 3.2. Pilot of Financial Instruments (FITD) First Call of Financial Instruments									
Daris Inzenjering Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off"	09-388/1	28,653 -	5,066	-	-	9,915	18,738	-	-
Remaining funds	-	-	-	-	-	-	-	-	-
Vapour Apps Sub-Loan/Grant 1 Remaining funds	09-387/1	29,400	6,100	- -	- - -	12,991 - -	16,409 - -	- -	- - -
Codewell Unlimited DOO Sub-Loan/Grant 1	09-405/1 -	28,748	5,252 -	-	783 -	12,064	16,684 -	- -	- -
Remaining funds	-	-	-	-	-	-	-	-	-

Financial Statements
For the period from 01 January 2017 to 31 December 2017

Statement of breakdown of Loans and Grants (continued)

(Amounts in EUR) Cumulative for the period from 01 January 2017 through 31 December 2017

Payment Paym		Sub-				Cumulativ	e for the period fro	m 01 January 2 Remaining	017 through 31 i	Jecember 2017
MB approved date Loan mount Co-financing amount date Loan mount Co-financing amount amount date Loan mount Co-financing amount amount Paid Sub-Loan/Grant amount Current period Cumulative amount amount amount amount amount Paid Sub-Loan/Grant amount Paid Sub-Loan/Grant amount Paid Sub-Loan/Grant amount amount Paid Sub-Loan/Grant Amount Pai		Loan/gra						balance of		,
December December			0.1.1	10				loan amount		
Marjanovik Education Co-financing funds Co-financing amount Co-financing funds Co-f					Doid by Ctata				Outotondina	
Co-financing amount a			Loan amour			Paid Sub-Loan/G	Grant amount			
BIZNIS DODEL Kocani 09-389/1 29,750 5,250 5,250 13,798 15,952		dato	Loan		buaget				payments	transactions
Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off"										
Enterprises "Start-up" and "Spin-off" - - - - - - - - -		09-389/1	29,750	5,250	-	-	13,798	15,952	-	-
Marjanovik Education		=	=	=	=	=	=	=	=	=
Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off" -	Remaining funds	_	-	-	-	-		-	-	-
Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off" -										
Remaining funds -		09-380/1	30,000	5,295	-	3,265	14,343	15,657	-	-
PRAJM APPS DOO Skopje 09-378/1 29,537 5,213 - 2,102 19,814 9,723 - <t< td=""><td>Enterprises "Start-up" and "Spin-off"</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td></td></t<>	Enterprises "Start-up" and "Spin-off"	-	-	-	-	-	-	-	-	
Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off"	Remaining funds	-	-	-	-	-	-	-	-	-
Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off"										
Name	Co-financed Grants for Newly Established	09-378/1	29,537	5,213	-	2,102	19,814	9,723	-	-
DTK Smart-tec 09-382/1 26,219 4,627 - - 6,185 20,034 - - - Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off" -		-	-	-	-	-	-	-	-	-
Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off"	Remaining funds		-	-	-	-	-	-	-	<u> </u>
Enterprises "Start-up" and "Spin-off" -		09-382/1	26,219	4,627	-	-	6,185	20,034	-	-
IDEKS SISTEMI SKOPJE	Enterprises "Start-up" and "Spin-off"	-	-	-	-	-	-	-	-	-
Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off"	Remaining funds	-	-	-	-	-	-	-	-	
Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off"										
Enterprises "Start-up" and "Spin-off" -		09-386/1	29,990	10,000	-	2,425	13,306	16,684	-	-
Clicon Technologies 09-381/1 30,000 6,000 - - 12,316 17,684 - - - Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off" - <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td>		-	-	-	-	-	-	-	-	-
Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off"	Remaining funds	-	-	-	-	-	-	-	-	-
Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off"										
Enterprises "Start-up" and "Spin-off"		09-381/1	30,000	6,000	-	-	12,316	17,684	-	-
		-	_	-	-	-	-	-	-	-
Tomaining rando	Remaining funds	_	-	-	-	-	-	-	-	-

Financial Statements
For the period from 01 January 2017 to 31 December 2017

Statement of breakdown of Loans and Grants (continued)

(Amounts in EUR) Cumulative for the period from 01 January 2017 through 31 December 2017

	0.1				Cumulativ	e for the period fro		017 through 31 [December 2017
	Sub- Loan/gra						Remaining balance of		Payment
	nt No. /						loan amount		requests
	WB		n/Grant amount						processed
	approved	Loan amour	nt/ Co-financing	Paid by State	D:1011 (0			Outstanding	(number of
	date	Loan	amount Co-financing	budget	Paid Sub-Loan/Google Current period	rant amount Cumulative		payments	transactions)
		amount	amount		Current period	amount			
Marsi electrosystems DOOEL Ohrid Co-financed Grants for Newly Established	09-390/1	21,509	3,915	-	-	6,751	14,758	-	-
Enterprises "Start-up" and "Spin-off"	-	-	-	-	-	-	-	-	
Remaining funds	-	-	=	=	-	-	-	-	-
0700 0 47 (044 0 4									
STSS – Smart Traffic Safety Systems DOOEL	09-379/1	30,000	5,500	_	3,301	15,807	14,193	_	_
Co-financed Grants for Newly Established	09-37-9/1	30,000	3,300		3,301	13,007	14,193		
Enterprises "Start-up" and "Spin-off"	-	_	-	-	-	-	-	-	-
Remaining funds	-	-	-	-	-	-	-	-	-
Knowledge Center	09-377/1	29,373	5,184	-	-	13,421	15,952	-	-
Co-financed Grants for Newly Established									
Enterprises "Start-up" and "Spin-off"	-	-	-	-	-	-	-	-	-
Remaining funds	-	-	-	-	-	-	-	-	-
DPTU Has Inzenering LTD	09-384/1	25,000	5,000	-	2,882	12,802	12,198	-	-
Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off"	_	_	_		_				
Remaining funds									
- Nemaining rands	-		-						-
Esenso doo Skopje Co-financed Grants for Newly Established	09-385/1	29,750	-	-	-	-	29,750	-	-
Enterprises "Start-up" and "Spin-off"	-	-	-	-	-	-	-	-	=
Remaining funds	-	-	-	-	-	-	-	-	-
Choco Aviators	09-391/1	29,750	15,192	-	3,586	3,586	26,164	-	-
Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off"	-	_	-	-	-	-	-	-	-
Remaining funds	-	-	-	-	-	-	-	-	-

Financial Statements
For the period from 01 January 2017 to 31 December 2017

Statement of breakdown of Loans and Grants (continued)

(Amounts in EUR)

	Sub- Loan/gra nt No. /				Cumulative	e for the period fro	om 01 January 2 Remaining balance of loan amount	017 through 31	December 2017 Payment requests
	WB approved date		n/Grant amount nt/ Co-financing amount Co-financing amount	Paid by State budget	Paid Sub-Loan/Gr Current period	ant amount Cumulative amount		Outstanding payments	processed (number of transactions)
Kamaj Media DOOEL Bitola Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off"	09-383/1	30,000	- amount	- - -	- - -		30,000	- - -	- -
Remaining funds	-	=	-	-	=	=	-	=	=
Sub-Total (first call)	-	457,679	87,594	-	18,344	167,099	290,580	-	-
Second call of Financial Instruments Maksolution Net DOOEL Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off"	09-671/1	29,207	5,983 -	6,150 <u>-</u>	1,203	15,786 -	13,421 <u>-</u>	-	-
Remaining funds									
Remaining funds									
Mobidonia DOOEL Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off"	09-675/1	19,880	3,900	4,640	489	10,989	8,891	-	-
Remaining funds			<u>-</u>				<u>-</u>	<u>-</u>	
Remaining funds					<u> </u>			<u> </u>	
Tag Timing DOOEL Co-financed Grants for Newly Established	09-673/1	28,119	9,000	8,455	1,191	15,730	12,389	-	-
Enterprises "Start-up" and "Spin-off"	-	-	-	-	-	-	-	-	-
Remaining funds	=	-	-	-	-	-	-	-	-
Modular Art Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off"	09-672/1 -	30,000	5,295 -	7,464	1,678 -	17,634 -	12,366	-	-
Remaining funds	-	-	-	-	-	-	-	=	-
Fabula Tabula Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off"	09-09/1	30,000	6,160	-	6,840	23,011	6,989	-	-
Remaining funds	-	_	-	-	-	-	-	-	-

Financial Statements
For the period from 01 January 2017 to 31 December 2017

Statement of breakdown of Loans and Grants (continued)

(Amounts in EUR)
Cumulative for the period from 01 January 2017 through 31 December 2017

Sub-Remaining Loan/gra balance of Payment nt No. / requests loan amount WB Sub-Loan/Grant amount processed Loan amount/ Co-financing Paid by State Outstanding (number of approved budget Paid Sub-Loan/Grant amount date amount payments transactions) Loan Co-financing Current period Cumulative amount amount amount **Vortechs Media DOO** 09-669/1 6,180 1,680 8,393 21,089 3,722 12,696 Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off" Remaining funds **Alimentos DOO** 09-676/1 29.428 19.962 5.863 238 15.402 14.026 Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off" Remaining funds **Gordian Systems DOO** 09-27/1 1.035 22.056 7.914 29.970 6.000 Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off" Remaining funds Interaktiv Geiming 09-670/1 6.250 7.502 13,045 16.955 30.000 6.000 Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off" Remaining funds Ice technology Natasha DOOEL 09-674/1 29,104 16,016 1,845 24,805 4,299 Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off" Remaining funds **Inovation DOOEL** 09-680/1 78,820 33,780 38,086 73,186 5,634 Co-financed Grants and Conditional Loans for Commercialization of Innovations Remaining funds

Financial Statements
For the period from 01 January 2017 to 31 December 2017

Statement of breakdown of Loans and Grants (continued)

(Amounts in EUR) Cumulative for the period from 01 January 2017 through 31 December 2017

	Sub-				Cumulativ	e for the period fro	•	017 through 31 I	December 2017
	Loan/gra nt No. /						Remaining balance of loan amount		Payment requests
	WB approved date	Loan amoui Loan	n/Grant amount nt/ Co-financing amount Co-financing	Paid by State budget	Paid Sub-Loan/G Current period	Cumulative		Outstanding payments	processed (number of transactions)
		amount	amount			amount			
Ni tekna DOOEL Co-financed Grants and Conditional Loans for Commercialization of Innovations	09-681/1	100,000	56,000	9,200	54,434	69,934	30,066	-	- -
Remaining funds	-	-	_	-	-	-	-	-	-
Metalotehnika DOO Co-financed Grants and Conditional Loans for Commercialization of Innovations	09-682/1	60,000	25,714	-	-	34,171 -	25,829	-	-
Remaining funds	-	=	-	-	-	-	-	-	-
Geosond DOO Co-financed Grants and Conditional Loans for Commercialization of Innovations	09-679/1	53,032	22,728	-	6,161	49,190	3,842	-	-
Remaining funds	-	=	-	-	-	-	-	-	-
Akron DOO Co-financed Grants and Conditional Loans for Commercialization of	09-678/1	100,000	50,188	-	43,309	80,081	19,919	-	-
Innovations	-	-	-	-	-	-	-	-	<u> </u>
Remaining funds	-	-	-	-	=	=	-	=	<u>-</u> _
Bio Inzenjering DOO Co-financed Grants and Conditional Loans for Commercialization of Innovations	09-677/1	99,904	42,816	20,231	19,737	42,153 -	57,751	-	-
Remaining funds	-	-	-	-	-	-	-	-	-

Financial Statements

For the period from 01 January 2017 to 31 December 2017

Statement of breakdown of Loans and Grants (continued)

(Amounts in EUR) Cumulative for the period from 01 January 2017 through 31 December 2017

	Sub- Loan/gra nt No. / WB approved		n/Grant amount	Paid by State		·	Remaining balance of	Outstanding	Payment requests processed (number of
	date	Loan	amount Co-financing	budget	Paid Sub-Loan/G Current period	Cumulative	loan amount	payments	transactions)
		amount	amount			amount			
Farma Biakva DOO Co-financed Grants and Conditional	09-683/1	99,761	45,630	-	-	17,802	81,959	-	-
Loans for Commercialization of Innovations	_	_	_	_	_	_	_	_	_
Remaining funds	_	_	_	_		_	_	_	
Sub-Total (Second call)	-	868,314	358,894	74,433	185,428	537,671	330,643	-	-
Third Call of Financial Instruments									
DTK Smart-tec Co-financed Grants for Newly Established Enterprises "Start-up" and "Spin-off"	09-47	29,971 -	5,289	7,506	16,006	16,006	13,965	-	-
Remaining funds	_	-	-	-	-	-			
Vision Dynamix DOO Co-financed Grants for Newly Established	09-46	29,550	5,400	13,590	9,092	9,092	20,458	-	-
Enterprises "Start-up" and "Spin-off"		-	-	-	-	-	-	-	
Remaining funds	-	-	-	-	-	-	-	-	
Resin DOO Co-financed Grants for Newly Established	09-45	30,000	5,300	8,330	19,872	19,872	10,128	-	-
Enterprises "Start-up" and "Spin-off"		-	-	-	-	-	-	-	- _
Remaining funds	-	-	-	-	-	-	-	-	<u>-</u>
Webgliders DOO Co-financed Grants for Newly Established	09-48	30,000	5,295	9,983	10,293	10,293	19,706	-	-
Enterprises "Start-up" and "Spin-off"			-	-	-	-		-	
Remaining funds	-	- 440 FG:		-	-	-	-	-	=
Sub-Total (Third call)		119,521	21,284	39,409	55,263	55,263	64,258	-	
Total		1,445,514	467,772	113,842	259,035	760,033	685,481	-	-

For the period from 01 January 2017 to 31 December 2017

Statement of Withdrawals – Designated Account

(Amounts in EUR) For the period from 1 January 2017 to 31 December 2017

	1,688,642	1,688,542	(100)
#10 Application / 15.11.2017**	698,494	698,494	<u>-</u>
#9 Application / 30.05.2017*	370,370	370,270	(100)
#8 Application / 15.02.2017	370,901	370,901	-
#7 Application / 20.01.2017	248,877	248,877	-
Original Loan 8332-MK	rotal Hoquotica	Biobalood	Dinoronoo
Application # and date	Total Requested	Total Disbursed	Difference

^{*}The Ministry, from Application 9 received 370,270 EUR which is less than requested funds for the bank fee in amount of 100 EUR.

(Amounts in EUR) For the period from 7 February 2014 to 31 December 2016

Total	2,947,761	2,947,761	-
#6 Application / 25.04.2016*	600,000	600,000	
#5 Application / 21.03.2016	383,977	383,977	
#4 Application / 14.12.2015	251,295	251,295	-
#3 Application / 31.07.2015 *	400,000	400,000	-
#2 Application / 7.08.2015	312,489	312,489	-
#1 Initial Application / 24.04.2014	1,000,000	1,000,000	-
Original Loan 8332-MK	Total Requested	Disbursed	Difference
Application # and date	•	Total	

^{*} The funds from Application 3 and Application 6 are allocated to Fund for Innovation and Technological Development. This fund is responsible to build the institutional capacity to stimulate innovative activities and piloting financial instruments to support innovation and technological development in the enterprise sector.

,

^{**}The funds from Application 10 are allocated to Fund for Innovation and Technological Development. This fund is responsible to build the institutional capacity to stimulate innovative activities and piloting financial instruments to support innovation and technological development in the enterprise sector

For the period from 01 January 2017 to 31 December 2017

Statement of Designated Account – EUR (Ministry of Education and Science)

Account number Depository Bank Address Loan Number Currency MK 07 1007 0100 0146 543 National Bank of the Republic of Macedonia Complex of Banks, 1000 Skopje, Republic of Macedonia 8332-MK EUR

(Amounts in EUR)
For the period from 1 January 2017 to 31 December

At 1 January 2017	497,202
Add: Inflows	
Replenishment during the period*	990,048
Interest received	-
	990,048
Deduct: Outflows	
Transfer to treasury account (Mirror designated account) - MKD	(1,002,908)
Transfer to treasury account (Mirror designated account) - MKD	
for transfer to Petty Cash in EUR	(2,420)
	(1,005,328)
At 31 December 2017	481,922

^{*}The Ministry has received fewer funds from the IBRD for the amount of bank fee of 100 EUR.

At 7 February 2014	-
Add: Inflows	
Replenishment during the period	1,947,761
Interest received	-
	1,947,761
Deduct: Outflows	
Transfer to treasury account (Mirror designated account) - MKD	(1,444,476)
Transfer to treasury account (Mirror designated account) - MKD	,
for transfer to Petty Cash in EUR	(6,083)
	(1,450,559)
At 31 December 2016	497,202

For the period from 01 January 2017 to 31 December 2017

Statement of Designated Account – EUR (Fund for Innovation and Technological Development)

Account number Depository Bank Address Loan Number Currency MK 07 1007 0100 0147804 National Bank of the Republic of Macedonia Complex of Banks, 1000 Skopje, Republic of Macedonia 8332-MK EUR

(Amounts in EUR)
For the period from 1 January 2017 to 31 December

At 1 January 2017	499,001
Add: Inflows	
Replenishment during the period	698,494
Interest received	-
	698,494
Deduct: Outflows	
Transfer to treasury account (Mirror designated account) - MKD	(241,153)
	(241,153)
At 31 December 2017	956,342

At 7 February 2014	-
Add: Inflows	
Replenishment during the period	1,000,000
Interest received	-
	1,000,000
Deduct: Outflows	
Transfer to treasury account (Mirror designated account) - MKD	(500,999)
	(500,999)
At 31 December 2016	499.001

For the period from 01 January 2017 to 31 December 2017

Statement of Treasury Account (Mirror Designated Account) – MKD (Ministry of Education and Science)

Account number
Depository Bank
Address
Loan Number
Currency

160010032978651 National Bank of the Republic of Macedonia Complex of Banks, 1000 Skopje, Republic of Macedonia 8332-MK Macedonian Denars ("MKD")

(Amounts in EUR) For the period from 1 January 2017 to 31 December

At 1 January 2017	7,245
Add: Inflows	
Transfer from designated account – EUR	1,002,908
Transferred funds from designated account – EUR for Petty	
cash in EUR	2,420
Returned unused funds from school SOU Gorce Petrov Kriva	
Palanka	1,101
Foreign exchange gains	76
	1,006,505
Deduct: Outflows	
Amount of eligible expenses paid during the period	(1,005,122)
Transfer to Petty Cash in MKD	(1,075)
Transfer to Petty Cash in EUR	(2,420)
Transferred funds to SOU Gorce Petrov Kriva Palanka	(1,101)
Foreign exchange losses	(145)
	(1,009,863)
At 31 December 2017	3,887

At 7 February 2014	
Add: Inflows	
Transfer from designated account – EUR	1.444.476
Transferred funds from designated account – EUR for Petty	,,,,,,
cash in EUR	6,083
Foreign exchange gains	118
	1,450,677
Deduct: Outflows	, ,
Amount of eligible expenses paid during the period	(1,434,335
Transfer to Petty Cash in MKD	(2,910)
Transfer to Petty Cash in EUR	(6,083)
Foreign exchange losses	(104)
	(1,443,432)
At 31 December 2016	7,245

For the period from 01 January 2017 to 31 December 2017

Statement of Treasury Account (Mirror Designated Account) – MKD (Fund for Innovation and Technological Development)

Account number Depository Bank Address Loan Number Currency 40016201478616 National Bank of the Republic of Macedonia Complex of Banks, 1000 Skopje, Republic of Macedonia 8332-MK Macedonian Denars ("MKD")

(Amounts in EUR)
For the period from 1 January 2017 to 31 December

At 1 January 2017 33 Add: Inflows Transfer from designated account - EUR 241,153 Transferred funds from users for eligible expenses paid during 8,999 the period Transferred funds from users for eligible expenses paid during 17,802 Foreign exchange gains 86 268,040 **Deduct: Outflows** Amount of eligible expenses paid during the period* (259,035)Transfer to users (8,999)Foreign exchange losses (268,073)At 31 December 2017

At 7 February 2014	-
Add: Inflows	
Transfer from designated account – EUR	500,999
Transferred funds from designated account – EUR for Petty cash in EUR	-
Foreign exchange gains	32
	501,031
Deduct: Outflows	
Amount of eligible expenses paid during the period	(500,998)
Foreign exchange losses	· · · · · · · · · · · · · · · · · · ·
	(500,998)
At 31 December 2016	33

Statement of Petty Cash in MKD

Loan Number Currency 8332-MK Macedonian Denars ("MKD")

(Amounts in EUR) For the period from 1 January 2017 to 31 December 2017

At 1 January 2017	130
Add: Inflows	
Transfer from Mirror Designated Account – MKD	1,075
	1,075
Deduct: Outflows	
Amount of eligible expenses paid during the period	(1,110)
Foreign exchange losses	(1)
	(1,111)
At 31 December 2017	94

At 7 February 2014	<u>-</u>
Add: Inflows	
Transfer from Mirror Designated Account – MKD	2,910
	2,910
Deduct: Outflows	
Amount of eligible expenses paid during the period	(2,780)
	(2,780)
At 31 December 2016	130

Statement of Petty Cash in EUR

Loan Number Currency 8332-MK EUR

(Amounts in EUR) For the period from 1 January 2017 to 31 December 2017

At 1 January 2017	-
Add: Inflows	
Transfer from Mirror Designated Account – EUR	2,420
	2,420
Deduct: Outflows	
Amount of eligible expenses paid during the period	(2,024)
	(2,024)
At 31 December 2017	396

At 7 February 2014	•
Add: Inflows	
Transfer from Mirror Designated Account – EUR	6,083
	6,083
Deduct: Outflows	
Amount of eligible expenses paid during the period	(6,083)
	(6,083)
At 31 December 2016	-

Notes to Project's financial statements

1 General

On 7 February 2014, the Ministry of Education and Science of the Republic of Macedonia ("the Ministry" or "the Borrower"), entered into the Loan Agreement numbered 8332-MK with the International Bank for Reconstruction and Development ("IBRD") for financing the "Skills Development and Innovation Support Project" (further referred to as "the Project") in the amount of EUR 17,700,000.

The objective of the Project is to improve transparency of resource allocation and promote accountability in higher education, enhance the relevance of secondary technical vocation education, and support the Borrower's innovation capacity.

The Borrower has established the Project Management Unit ("PMU"), responsible for the day- to- day activities and for procurement, financial management, disbursement and monitoring and reporting for the entire Project.

The following table underlines the categories of Eligible Expenditures that may be financed out of the proceeds of the Loan ("Category"), the allocation of the amounts of the Loan to each Category, and the percentage of expenditures to be financed for the Eligible Expenditures in each Category:

Total	17,700,000	
4.Front and Fee	44,250	
3.Innovation grants and Innovation Sub-Loans	9,159,750	100%
2.School grants	649,000	100%
1.Goods,works,non-consulting services, consulting services, training and operating costs	7,847,000	100%
Category	Amount of the Loan allocated (expressed in Euro) Revised original values	Percentage of the Expenditures to be financed (inclusive of taxes)

According to the provisions of the Loan Agreement, the Borrower is liable to repay the principal amount of the Loan in semi-annual installments, payable each 1st February and 1st August, commencing 1 February 2019 through 1 August 2031. The Borrower is liable to pay to IBRD a frontend fee equal to 1/4 of 1% (0.25%) of the Loan amount and interest for each interest period equal to LIBOR for the Loan Currency plus a Variable Spread.

The Closing Date of the Project is 31 May 2019. The effectiveness Deadline is the date ninety days after the date of this Agreement.

2 Project Objectives, Activities and Institutional Arrangements

Project Objectives and Activities

The proposed Project would support the Government of Macedonia's (GOM) initiatives geared to:

- increase graduates' competitiveness on a regional and international level;
- increase labor market relevance of graduates' skills;
- make innovation a source of productivity improvement, competitiveness, increased exportability of goods, and sustained economic growth; and
- increase universities and private enterprises engagement in, and their benefit from,
 R&D efforts and technology adoption opportunities.

The Project consists of four components:

Component 1: Improving Transparency of Higher Education

This component will have three main sets of activities, all targeted toward improving both the transparency and efficiency of the quality assurance and finance mechanisms in the higher education sector: (i) institutional strengthening and stronger quality assurance in higher education; (ii) reforming the higher education financing model; and (iii) establishing a centralized office to foster mission-oriented research and university-industry collaboration.

Sub-component 1.1: Quality Assurance in Higher Education

This sub-component builds upon Bank-supplied technical assistance in higher education quality assurance (2010-2012) and would finance activities targeted toward improving the quality assurance mechanisms in higher education, including: (i) providing training for improving the administrative capacity of the Higher Education Accreditation and Evaluation Board (HEAEB) and other key players in charge of managing quality assurance activities; (ii) funding of external evaluation by foreign experts of FYR Macedonia's higher education sector, and up; and (iii) upgrading of the education management and information system, including the development and implementation of the central data base.

Sub-component 1.2: Higher Education Financing Reforms

This sub-component, utilizing technical assistance and information gleaned through a Bank-sponsored pilot of a potential new finance model, would support the design and implementation of a performance-based funding model to promote transparency and efficiency in the resource allocation mechanisms. It would include the following technical assistance activities: (i) assessment of funding model options to select the most appropriate model for the Macedonian context; (ii) design of the funding model, formula and implementation plan; (iii) identification of internal performance indicators and results framework for monitoring and evaluation; and (iv) rollout of the new finding model. This subcomponent would also finance communication campaigns, outreach and dissemination events to inform different groups of stakeholders about these reforms and generate support for them.

Sub-component 1.3: Development of a National Technology Transfer Office (NTTO)

This subcomponent would support the development of a central office to be the system-wide interface between the research community and the industry, and a national focal point for international cooperation. It would play a key role in the conversion of the results of research into competitive products and processes, and steer research towards industry needs. The NTTO is expected to have a mandate that is broader than a typical academic technology transfers office.

Project Objectives, Activities and Institutional Arrangements (continued)

The proposed NTTO, while performing typical tasks such as industry outreach, would additionally be a center for advising the industry in FYR Macedonia on Intellectual Property (IP) in-licensing and technology importation and integrating the innovation activities of Macedonia with EU programs. Given the small country size, and low research activities, having a technology transfer office with a broader mandate makes sense as it leverages economies of scale and prevents duplication of efforts. The subcomponent would provide technical assistance for establishment and operationalization of the NTTO and would also finance the salaries of experts and the purchase of patent and market intelligence databases.

Component 2: Modernization of Secondary Technical Vocational Education and Training This component would finance activities targeted toward building the foundation of a modern and efficient secondary TVET system that is characterized by delayed tracking of students into vocational pathway, increased relevance of the standards and curriculum for the labor market and improved mechanisms for school-industry collaboration. These changes are expected to lead to the transformation of the secondary TVET from the narrow occupational to a more general and broader technical education and eventually to result in greater labor market relevance and transferability of skills, and increased flexibility in secondary TVET provision. It consists of two sub-components.

Sub-component 2.1: Quality and labor market relevance of TVET provision

This subcomponent would contribute to the modernization of the secondary TVET system and its relevance for the labor market needs and improving the capacity of TVET secondary schools to deliver quality TVET. Specifically, this sub-component would finance: (i) technical assistance to support the development of an overarching model for the transformation of the secondary TVET provision; (ii) development of occupational standards, competency-based curriculum and programs; (ii) efficiency assessment of the secondary TVET school network and development of a proposal for restructuring the network; (iii) development of a training program for teachers and other staff, including identification of required skills, development of training materials and rollout of the program; and (iv) carrying out of a need analysis and acquisition of equipment for school-based practical training.

Sub-component 2.2: Grants for school-industry collaboration

This subcomponent would finance technical assistance activities aimed at: (i) designing and implementing a grant program to support TVET activities; and (ii) provision of School Grants to selected TVET schools to finance activities to improve the labor market relevance of the vocational education and training including involving industries into the practical training delivery.

Component 3: Improving the Innovative Capacity of Enterprises and Collaboration with Research Organizations

This component is focused on supporting the efforts of the FYR Macedonia Fund for Innovation and Technological Development (FITD) to build the institutional capacity to stimulate innovative activities, and piloting financial instruments to support innovation and technological development in the enterprise sector. It is organized around two sub-components.

Sub-component 3.1: FITD capacity building

This sub-component would finance activities required to build up institutional competence of the FITD, in particular, providing support for: (i) planning and designing the programs, strategy, operations and procedures; (ii) training of FITD staff; (iii) selection of the Investment Committee and peer reviewers; (iv) mentoring and training for FITD beneficiary enterprises; and (v) marketing and communications strategy.

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Project Objectives, Activities and Institutional Arrangements (continued)

Sub-component 3.2: Pilot of Financial Instruments to be delivered by FITD

Once the FITD is established, it would provide specific funding instruments for each stage of companies' life cycle to foster innovation. These instruments will include: (i) an accelerator; (ii) proof of concept innovation mini grants, including but not limited to IP protection, and business plan preparation for initial capital mobilization; (iii) commercialization matching grants and loans; and (iv) sector specific grants in technology development and technology absorption projects for new or improved technologies, products and processes. It is anticipated that the pilot instruments will be introduced in a phased approach starting with the accelerator and proof of concept grants.

Component 4: Project Management and Monitoring and Evaluation

This component would finance the activities in two sub-components to: (i) ensure effective administration and implementation of the Bank-financed project; and (ii) develop and put in place an effective M&E system.

Subcomponent 4.1: Project Management

This sub-component would support the operation of a Project Management Unit (PMU) reporting to a Project Director and responsible for all the day-to-day project implementation activities, as well as procurement, disbursement and accounting functions. World Bank financing would be provided for consultants employed as part of the PMU, as well as for assistance and training to all project staff, project audits, office equipment and incremental operating costs.

Subcomponent 4.2: Monitoring and Evaluation

M&E are crucial elements of program design as they provide important feedback mechanisms for policy, effectiveness, and credibility of the programs. The Project would support the design and implementation of (i) tools to monitor the results framework for the Project; (ii) M&E studies/surveys to establish a baseline for project results indicators as well as their measures during project implementation and upon project; (iii) impact evaluation for selected innovation programs; and (iv) skills observatory. World Bank financing would be provided for technical assistance; services and training of the Ministry of Education and Science staff engaged in monitoring; and the design, implementation, and analysis of evaluation surveys.

Institutional Arrangements

The PMU shall be responsible for the day-to-day Project implementation and for procurement, financial management, disbursement and monitoring, and reporting for the entire Project. The Steering Committee shall be responsible for overall Project oversight and coordination. The Working Group shall be responsible for providing necessary technical expertise and support for efficient Project implementation. The Grant Approval Committee shall be responsible for evaluating and selecting proposals for School Subprojects. The Investment Review Committee shall be responsible for evaluating and selecting proposals for Innovation Subproject.

Throughout the duration of the Project the Borrower shall: (i) maintain the PMU, the Steering Committee and the Working Group; and (ii) establish and maintain the Investment Review Committee and the Grant Approval Committee; all with staff, resources and terms of reference satisfactory to the Bank.

The Borrower shall carry out the Project in accordance with the Project Operational Manual and shall not amend, suspend, abrogate, repeal or waive any provision of said Manual without the prior approval of the Bank.

3 Accounting policies

Following are the principle accounting policies adopted in preparation of these financial statements. These accounting policies are consistently applied to all financial periods presented.

Basis of preparation

The accompanying financial statements have been prepared for the purposes of reporting to IBRD, on the activities of the Project related to the loan received for the completion of the Project's objectives, in accordance with the respective provisions set out in the Loan Agreement numbered 8332-MK signed between the IBRD and Ministry of Education and Science of the Republic of Macedonia. These financial statements are prepared on the cash receipts and disbursement basis and include all Project - related expenditures incurred, which are financed under the provisions set out in Loan Agreement numbered 8332-MK dated 7 February 2014.

These instructions closely follow the World Bank's Disbursement Guidelines for Projects.

The financial statements have been prepared for the period from 1 January 2017 through 31 December 2017.

Currency translation

All accounts are kept in Euro as this is the reporting currency of the Project. Transactions denominated in currencies other than Euro are translated using the buying foreign exchange rates of the National Bank of the Republic of Macedonia for international payment operations of the government bodies of Republic of Macedonia prevailing at the date of the transaction.

