



## Kazakhstan: Fostering Productive Innovation Project (P150402)

EUROPE AND CENTRAL ASIA | Kazakhstan | Finance, Competitiveness and Innovation Global Practice | IBRD/IDA | Investment Project Financing | FY 2015 | Seq No: 13 | ARCHIVED on 27-May-2021 | ISR46691 |

Implementing Agencies: The Republic of Kazakhstan, Ministry of Digital Development, Innovations and Aerospace Industry

**Key Dates****Key Project Dates**

Bank Approval Date: 22-Dec-2014

Effectiveness Date: 01-Mar-2016

Planned Mid Term Review Date: 14-May-2018

Actual Mid-Term Review Date: 21-May-2018

Original Closing Date: 31-Dec-2020

Revised Closing Date: 30-Nov-2022

**Project Development Objectives**

Project Development Objective (from Project Appraisal Document)

The Project Development Objective (PDO) is to promote high-quality, nationally relevant research and commercialization of technologies.

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

No

**Components** Table

Name

Development of the Knowledge Base for Innovation:(Cost \$25.90 M)

Innovation Consortia:(Cost \$25.10 M)

Consolidation of the Technology Commercialization Cycle:(Cost \$13.00 M)

**Overall Ratings**

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Satisfactory
Overall Implementation Progress (IP)	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Satisfactory
Overall Risk Rating	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate

**Implementation Status and Key Decisions**

Both the progress towards the achievement of the PDO and the overall Implementation Progress (IP) ratings are rated Moderately Satisfactory. In December 2020, the Project was extended by 23 months to allow additional time for the implementation of the remaining activities under the Project. To date, there is strong progress in implementing the earmarked activities under Components 1 and 2, and readiness by MDDIAI to launch additional selection rounds under the grant programs.

The overall project disbursement of the Bank loan is US\$29.5 million (46.2% disbursement rate). This figure is expected to increase in the coming months with the launch of new rounds of grant programs (expected in May 2021) and as the ESVC subcomponent advances.

In terms of the achievement of result indicators the Project's progress is as follows:

- 5 PDO indicators – all achieved and outperformed;
- 10 Intermediate indicators – 6 outperformed and 2 partially achieved.

The Project has, to date been implemented satisfactorily in terms of safeguards compliance.



## Risks

### Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Macroeconomic	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Sector Strategies and Policies	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Technical Design of Project or Program	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Institutional Capacity for Implementation and Sustainability	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Fiduciary	--	<input type="checkbox"/> Low	<input type="checkbox"/> Moderate
Environment and Social	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Stakeholders	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Other	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Overall	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate

## Results

### PDO Indicators by Objectives / Outcomes

Improve Quality and Commercial Relevance of R&D in Kazakhstan				
▶ International publications from Senior and Junior Research Groups in peer reviewed journals (annual) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	7.00	42.00	45.00	14.00
Date	31-Dec-2015	25-Sep-2020	11-May-2021	31-Dec-2020
▶ Share of enterprise sector financing of R&D in Senior & Junior Scientist Research Grant Program (annual) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	5.50	8.00	8.20	8.00
Date	31-Dec-2015	25-Sep-2020	11-May-2021	31-Dec-2020



<b>► The number of innovation consortia that graduated from innovation consortia grant program (annual) (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1.00	5.00	3.00
Date	31-Dec-2015	25-Sep-2020	11-May-2021	31-Dec-2020
Comments:	The team expects achievement or outperformance of the indicator: in all, 6 productive-sector consortia and 8 inclusive innovation consortia received grants. The team expects at least 5 consortia graduating from the grant program by end of CY-2020.			
<b>► Technology- based start-ups created under the project and making commercial sales (annual) (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	6.00	30.00	46.00	12.00
Date	31-Dec-2015	25-Sep-2020	11-May-2021	31-Dec-2020
<b>► Patent Cooperation Treaty agreements approved for project beneficiaries (annual) (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2.00	8.00	3.00
Date	31-Dec-2015	25-Sep-2020	11-May-2021	31-Dec-2020
Comments:	The PCT application process is very lengthy and the team expects at least one more to be approved by Dec 31, 2020			

**Intermediate Results Indicators by Components**

<b>Development of the Knowledge Base for Innovation</b>				
<b>► Grants approved for Senior and Junior Research Groups (annual) (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	33.00	74.00	74.00	63.00
Date	31-Dec-2015	25-Sep-2020	11-May-2021	31-Dec-2020
<b>► Ph. D. holders and students trained abroad (annual) (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	12.00	12.00	100.00
Date	31-Dec-2015	25-Sep-2020	11-May-2021	31-Dec-2020



Innovation Consortia				
▶ Completed projects with social impact (annual) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	5.00	5.00	8.00	9.00
Date	31-Dec-2015	25-Sep-2020	11-May-2021	31-Dec-2020
▶ Applications for financing consortia created based on a cooperation agreement (annual) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	95.00	154.00	50.00
Date	31-Dec-2015	25-Sep-2020	11-May-2021	31-Dec-2020
▶ The number of innovation consortia established (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	14.00	14.00	10.00
Date	31-Dec-2015	25-Sep-2020	11-May-2021	31-Dec-2020

Technology Commercialization Cycle Consolidation				
▶ License agreements signed (annual) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	7.00	7.00	3.00
Date	31-Dec-2015	25-Sep-2020	11-May-2021	31-Dec-2020
▶ Total value of the venture capital fund created (cumulative) (Amount(USD), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	16,000,000.00
Date	31-Dec-2015	25-Sep-2020	11-May-2021	31-Dec-2020
Comments:	The client is committed to launching the fund by the end of 2021 and submitted the relevant package of documents for technical review on May 7, 2021, to be followed by an official NO request by end of May 2021			

Strengthening Coordination of the National Innovation System				
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► The Innovation Observatory established (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	31-Dec-2015	25-Sep-2020	11-May-2021	31-Dec-2020

Support Project Implementation				
► Direct project beneficiaries (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	302.00	1,798.00	1,825.00	627.00
Date	31-Dec-2015	25-Sep-2020	11-May-2021	31-Dec-2020
□ Female beneficiaries (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	10.00	63.60	63.60	18.00

**Performance-Based Conditions**

**Data on Financial Performance**

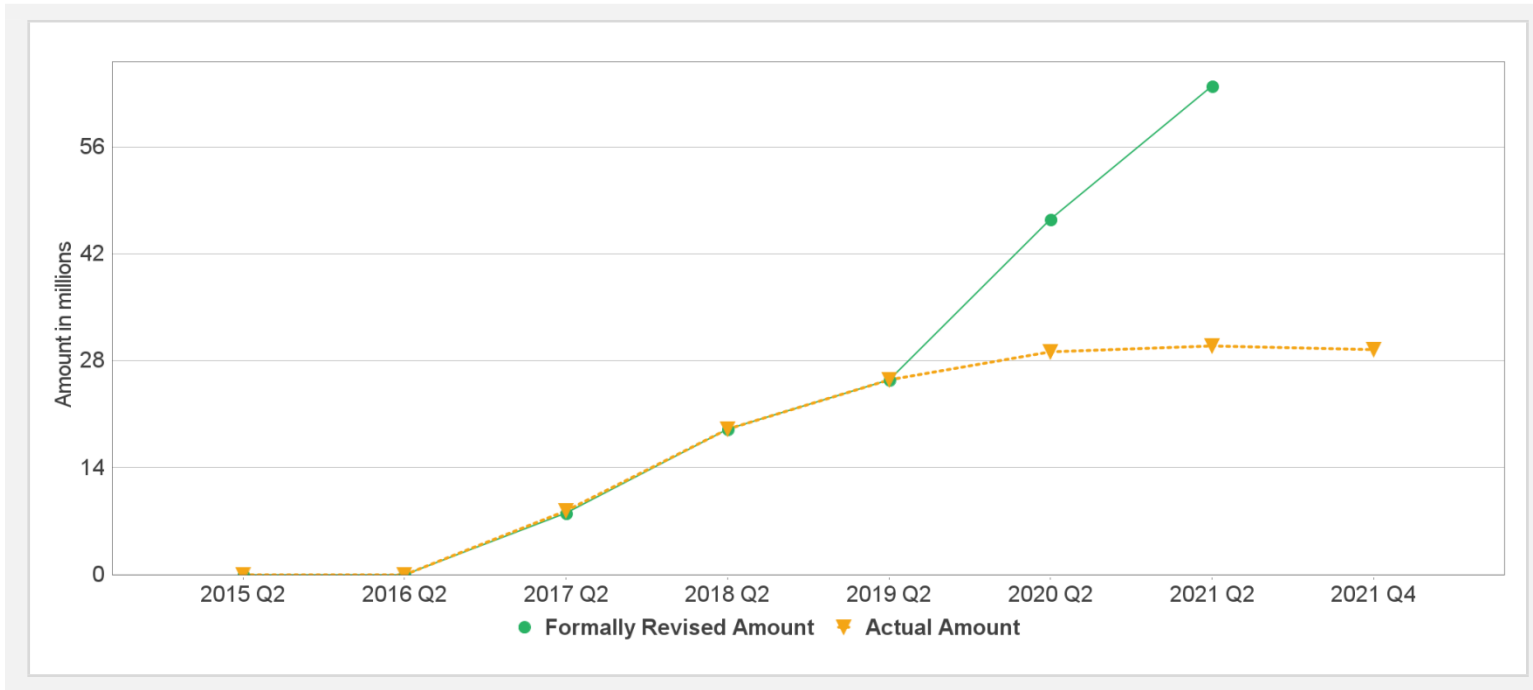
**Disbursements (by loan)**

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P150402	IBRD-84630	Effective	USD	88.00	64.00	24.00	29.49	34.51	46%

**Key Dates (by loan)**

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P150402	IBRD-84630	Effective	22-Dec-2014	09-Jun-2015	01-Mar-2016	31-Dec-2020	30-Nov-2022

**Cumulative Disbursements**



### PBC Disbursement

PBC ID	PBC Type	Description	Coc	PBC Amount	Achievement Status	Disbursed amount in Coc	Disbursement % for PBC

### Restructuring History

Level 2 Approved on 28-Dec-2018 ,Level 2 Approved on 22-Apr-2020 ,Level 2 Approved on 11-Nov-2020

### Related Project(s)

There are no related projects.