



MINISTERUL AGRICULTURII  
ȘI INDUSTRIEI ALIMENTARE  
AL REPUBLICII MOLDOVA

MINISTRY OF AGRICULTURE AND FOOD INDUSTRY OF REPUBLIC OF MOLDOVA  
CONSOLIDATED UNIT FOR IMPLEMENTING AND MONITORING THE  
WINE SECTOR RESTRUCTURING PROGRAM



# FRUIT GARDEN OF MOLDOVA

## ANNUAL PROGRESS REPORT 2024

FINANCE CONTRACT NO. 83.887 SERAPIS N° 2014-0041



Chisinau, 2025

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*“The contents of this publication are the sole responsibility of Consolidated Unit for Implementing and Monitoring the Wine Sector Restructuring Project and can in no way be taken to reflect the views of the European Union.”*

**CONTENT:**

INTRODUCTION.....	4
I. PROJECT DESCRIPTION .....	6
II. SUMMARY PROJECT FINANCIAL RESULTS .....	9
III. FGM PROJECT PERFORMANCE BY COMPONENTS .....	17
1. Credit Line & Leasing.....	18
2. Investments in infrastructure development.....	18
3. Procurement activities .....	24
IV. MONITORING ACTIVITIES .....	54
1. Key performance Project results.....	54
2. Monitoring activities within Credit Line Component.....	63
V.PROJECT MANAGEMENT.....	68
1. Reporting and Budgeting.....	69
2. Promoting and visibility Activity .....	69

## Abbreviations

CLD/OEAPM	Credit Line Directorate- Office for External Assistance Programs Management
EIB	The European Investment Bank
FC	Finance Contract signed between EIB and MoF on 31 July 2014
IP	Investment project
LLC	Limited Liability Company
LTEDFS	Laboratories, training, education and development of food security
MoAFI	Ministry of Agriculture and Food Industry
MDL	Moldovan Lei
MoF	Ministry of Finance
M&E	Monitoring and Evaluation
OM	Operations Manual of the Project
PB	Project Beneficiary
PFI	Participating Financial Institution
PIU	Consolidated Unit for Implementing and Monitoring of Wine sector restructuring Project and Fruit Garden Project
TUM	Technical University of Moldova
TA	Technical Assistance of the Fruit Garden Project

## INTRODUCTION

The present Report was elaborated by the *Consolidated Unit for Implementing and Monitoring the Wine Sector Restructuring Project* (PIU), and reflects the activities implemented under the **Fruit Garden of Moldova Project** during years 2016 – 2024.

The *Fruit Garden Project* (Project) is financed from a EUR 120,000,000 loan offered by the European Investment Bank (EIB) under Finance Contract (FC) signed with Government of the Republic of Moldova on the 31 st of July, 2014.

The FC was declared effective by EIB on May 27, 2016 and was officially launched in July 2016. Thus, from May 27, 2016 the Project is operational and will be as such 4 years from the effective date for the successful implementation of all Project components, as it is provided by the FC as well as by Amendments to it. In the early spring 2021 PIU along with the decisions stakeholders from Moldova has initiated the process of extension of the Final Availability Date from the 27 May 2021 till 27 May 2023. The process was finalized on 5<sup>th</sup> of November 2023 when the ratification of the FC Amendment was published in the Official Monitor Gazette of the RM.

Following the acceptance from the Government of the Republic of Moldova and the European Investment Bank (EIB) to extend the implementation period of the Fruit Garden Project through the approval of Amendment no. 5 to the Financing Agreement signed by the Ministry of Finance and the EIB on 22.11.2023, ratified by the Law of the Republic of Moldova on 08.12.2023, the Fruit Garden Project / Livada Moldovei Project will have an eligible period of disbursement of resources by the EIB until May 27, 2025, with offering financing for the entire value chain of the agri-food sector (horticulture, winemaking, animal husbandry, cereals, aquaculture, tourism, processing, post-harvest, digitization, plant and soil protection, irrigation, etc.) with a Project implementation period until 31 January 2027.

On November 8, 2023 by Government Decision no. 872, the Government of the Republic of Moldova approved the procedure for initiating negotiations and signing Amendment no. 5 to the Financing Agreement between the Republic of Moldova and the European Investment Bank and Amendment no. 4 to the Cover Letter on the Financing Agreement for the implementation of the Fruit Garden Project, signed in Chisinau on July 31, 2014.

On November 22, 2023, the European Investment Bank and Mr. Petru Rotaru, the Ministry of Finance of the Republic of Moldova, being empowered by Government Decision no. 872 of 08.11.2023, signed Amendment no. 5 to the Financing Agreement between the Republic of Moldova and the European Investment Bank, and Amendment no. 4 to the Cover Letter on the Financing Agreement for the implementation of the Fruit Garden Project, signed in Chisinau on July 31, 2014.

The institutions involved in the implementation and capitalization of the credit resources through the Fruit Garden Project are: the Public Institution "Consolidated Unit for the Implementation and Monitoring of the Restructuring Program of the Wine Sector", the Ministry of Finance (MF) as the Borrower, the Ministry of Agriculture and Food Industry of the Republic of Moldova (MAIA) as the Project Promoter and the Public Institution "Office for the Management of Foreign Assistance Programs (OGPAE)" for the implementation and capitalization of the credit resources through the Fruit Garden Project.

On November 8, 2023, by Government Decision No. 872, the Government of the Republic of Moldova approved the procedure for initiating negotiations and signing Amendment No. 5 to the Financing Agreement between the Republic of Moldova and the European Investment Bank and Amendment No. 4 to the Covering Letter on the Financing Agreement for the implementation of the "Livada Moldovei" Project, signed in Chisinau on July 31, 2014.

This Report has been prepared by the PIU in accordance with Article 12.04, Schedule A (Reporting), point 3 of the Finance Contract Serapis № 2014-0041, and reflects the evolution of Project's performance during the reporting year of 2023, as well as the short presentation of cumulative data.

The information contained herein in this report was sent to the EIB under the responsibility of:

Company	Consolidated Unit for Implementing and Monitoring of the Wine Sector Restructuring Program and Fruit Garden Project (PIU)
Contact person	Iurie BRUMAREL
Title	Executive Director of Project Implementation Unit of Fruit Garden Project
Address	<i>18, Calea Basarabiei str., 2<sup>nd</sup> floor, Chisinau, Republic of Moldova, MD-2023</i>
Contact Phones	Cell: + 373 78812200 Office: + 373 22 260903
Emails	<a href="mailto:iurie.brumarel@winemoldova.md">iurie.brumarel@winemoldova.md</a> <a href="mailto:office@winemoldova.md">office@winemoldova.md</a>

## I. PROJECT DESCRIPTION

The Project aim is to address the structural weaknesses in the Moldovan horticulture sector, comprising almost exclusively small and medium enterprises, by achieving several **project objectives**, as follows:

1. Developing holistically the entire horticulture value chain;
2. Improving the quality of the fresh and processed horticulture products, from the nurseries to the final packaging and dispatch of products;
3. Reducing the losses along the horticulture value chain by providing a safe and reliable environment for the produce, and
4. Diversifying the country's export markets by ensuring that large quantities of consistent quality produce are made available to the customers.

The Project aims to provide medium to long term finance to private and public sector operators along Moldova's horticultural value chain.

In order to achieve the Project's goals and objectives Project Implementation Unit (PIU) will act through **5 Project investment directions**:

1. Post-harvest infrastructure development, incl. warehousing, trading platforms, cooling facilities, cold transportation, refrigeration units, grading and sorting units, and agritourism related to the horticultural activity;
2. Planting, replanting and/or restructuring orchards and vineyards, including associated nurseries;
3. Wine-making and wine grape vineyards;
4. Investments in for processing plants and related industries;
5. Investment in developing of the entire agriculture value chain sectors;
6. Investments in infrastructure: laboratories, education, training and development of food security.

The EIB loan funds under the Project are channelled through three "**windows - financial instruments**":

- **Term loans** – mainly for orchards, table grapes vineyards and associated nurseries development, regional and central trading platforms: to intermediate through the local financial sector;
- **Leasing of plant and equipment** – mainly for the post-harvesting activities, including on-farm initial cooling, refrigerator trucks, cooling and storage units, grading and sorting equipment, processing equipment – through local independent/non-captive leasing sector operators;
- **Investments in infrastructure**, e.g. testing laboratories, and quality controls, and the provision of human capital, comprising education and training facilities.

## Summary information

<p><b>Project Objectives</b></p>	<ul style="list-style-type: none"> <li>• Investments in technological innovation and mechanization of primary production processes of horticultural production by promoting intensive and super-intensive fruit production methods;</li> <li>• Financing the acquisition of protections systems, i.e. irrigation and anti-hail systems to orchards and other horticulture plantations;</li> <li>• Modernization and technological innovation of post-harvesting processes and processing of horticultural production;</li> <li>• Development of the post-harvest infrastructure for fresh horticultural production;</li> <li>• Development of nurseries for the production of Moldovan horticultural saplings and seedlings;</li> <li>• Development and modernization of the wine sector of Moldova and production of bottled wine;</li> <li>• Development of agritourism related to horticultural business;</li> <li>• Cultivation of the horticultural production in greenhouses and in the open field;</li> <li>• Improvement of the official sanitary control in conformity with EU standards for fresh fruit/nuts/berries and vegetables;</li> <li>• Diversification of the sale markets by ensuring the authenticity of the produced horticultural production;</li> <li>• Animal breeding and processing of animal products of various species of animals, birds, fish, etc.; Production and processing of milk, production of dairy products;</li> <li>• The production of cereal crops and technical crops, including the production of alcoholic beverages and feed from the processing of cereal and technical crops (including the field of bakery, pastry, etc.)</li> <li>• The field of aquaculture (breeding of aquatic animals and their processing)</li> <li>• Developing the horticultural innovation research system as an indispensable part of the horticultural sector in the Republic of Moldova.</li> </ul>
<p><b>Final availability date</b></p>	<p>27.05.2025</p>
<p><b>Allocation period</b></p>	<p>Until 27.05.2026</p>
<p><b>Final implementation period</b></p>	<p>31.01.2027</p>
<p><b>Project amount</b></p>	<p>EUR 120,000,000</p>

## Financial conditions within Fruit Garden of Moldova

	<i>Financial Instruments</i>	<i>Max term of loa, year (max)</i>	<i>Grace period, year (max)</i>	<i>Min allocation amount per one PB, EUR</i>	<i>Max allocation amount per one PB, EUR</i>
1	Credit line	10	4	EUR 5,000	EUR 25,000,000
3	Leasing operations	5-7	3 months		
4	Investments in infrastructure	Non-reimbursable			

**The Loan has to be, to the satisfaction of the Bank, distributed to Final Beneficiaries and for Sub-Projects in accordance to the following table:**

for investments in post-harvest infrastructure including initial on-farm cooling, warehousing, cold transportation, controlled atmosphere and refrigeration units, grading and sorting units, and trading platforms, including agri-tourism related to the horticultural activity	<b>up to 60%</b> (sixty per cent.) of the Loan;
for planting, replanting and/or restructuring orchards and vineyards, including associated nurseries, as well as greenhouses	<b>up to 35%</b> (thirty-five per cent.) of the Loan;
for winemaking and wine grape vineyards	<b>up to 25%</b> (twenty-five per cent.) of the Loan;
for processing plants, packaging and related industries	<b>up to 20%</b> (twenty per cent.) of the Loan;
for laboratories, education, training and development of food security	<b>minimum 5 %</b> (five per cent) but <b>up to 15%</b> (fifteen per cent.) of the Loan;
<b>for entire agriculture value chain sectors</b>	<b>up to 30%</b> (thirty per cent.) of the Loan.



## II. SUMMARY PROJECT FINANCIAL RESULTS

The Project is implemented by the Consolidated Unit for the Implementation and Monitoring of the Wine Sector Restructuring Program (PIU), a structure established by the Government of the Republic of Moldova. UIP is a non-commercial, non-profit organization, which was established and operates under the Ministry of Agriculture, Food and Rural Affairs of the Republic of Moldova, in order to ensure the efficient implementation of the Project. UIP is a legal entity, has an autonomous balance sheet, has settlement accounts held with the treasury and in banking institutions, including in foreign currency.

The PIU also is responsible for the overall implementation of the Project, including the financial management of the Project, the organization of procurement and payments, accounting, financial reporting, audit, monitoring, performance indicators and evaluation of the Project.

The mission of the Project is to facilitate investments for the purpose of structural recovery of the agricultural sector of the Republic of Moldova, by achieving the following objectives:

- Development of the entire value chain of the agricultural branch of the Republic of Moldova;
- Improving the quality of fresh and processed agricultural products, from nurseries to final packaging and shipping of products;
- Reducing losses along the agricultural value chain by ensuring a safe and reliable environment for products;
- Diversifying the country's export markets by ensuring that large quantities of consistent quality products are made available to customers;

During the implementation period 2016-2024 PIU together with PBs and PFI succeeded to obtain:

**Table 1. Total value of investments in the agricultural sector in the Republic of Moldova made through the Project**

	<b>Total investment projects</b>	<b>Total value of EIB loan</b>	<b>Total value of PB own contribution</b>
The value of investments, EUR	239,555,603	114,665,794	124,889,809
Investments equivalent, MDL	4,623,423,128	2,213,049,823	2,410,373,305

1. The total value of investments in the horticultural sector of the Republic of Moldova through the Project is EUR 239,555,603;
2. The value of financing disbursed by the EIB is EUR 114,000,000.
3. The value of EIB allocations is EUR 114,665,794.
4. The value of the beneficiaries' own contribution is EUR 124,889,809.
5. No. of sub-projects approved by the EIB - 616, of which the number of investment projects approved through the Credit Line component - 594, through the Leasing Operations component - 5, through the Infrastructure Investments component - 16.
6. No. of investment projects financed, implemented and monitored by the UIP - 203.

**Table 2. Summary information regarding the value of EIB loan allocated versus disbursed as of 31.12.2024, EUR**

	<b>Amount, EUR</b>	<b>Weight, %</b>
Total value of EIB loan	120,000,000	100%
allocated amount by EIB as of 31.12.2024	114,665,794	95.55%
Balance of unallocated amount as of 31.12.2024	5,334,206	4.45%
Total value disbursed amount by EIB	114,000,000	95.00%
Undisbursed Balance of EIB Loan as of 31.12.2024	6,000,000	5.00%
Total value disbursed amount by PIU	108,766,092	95.41%
Remaining balance on PIU bank account as of 31.12.2024	5,233,908	4.59%

From 2016 until end of 2024, under the Fruit Garden Project, **have been disbursed loans by the EIB** for developing and restructuring of the entire value chain of the horticultural sector in the amount of **EUR 114,000,000.00** from allocated amount of **EUR 114,665,794**. The disbursed amount by EIB during reporting period is presented in the table below.

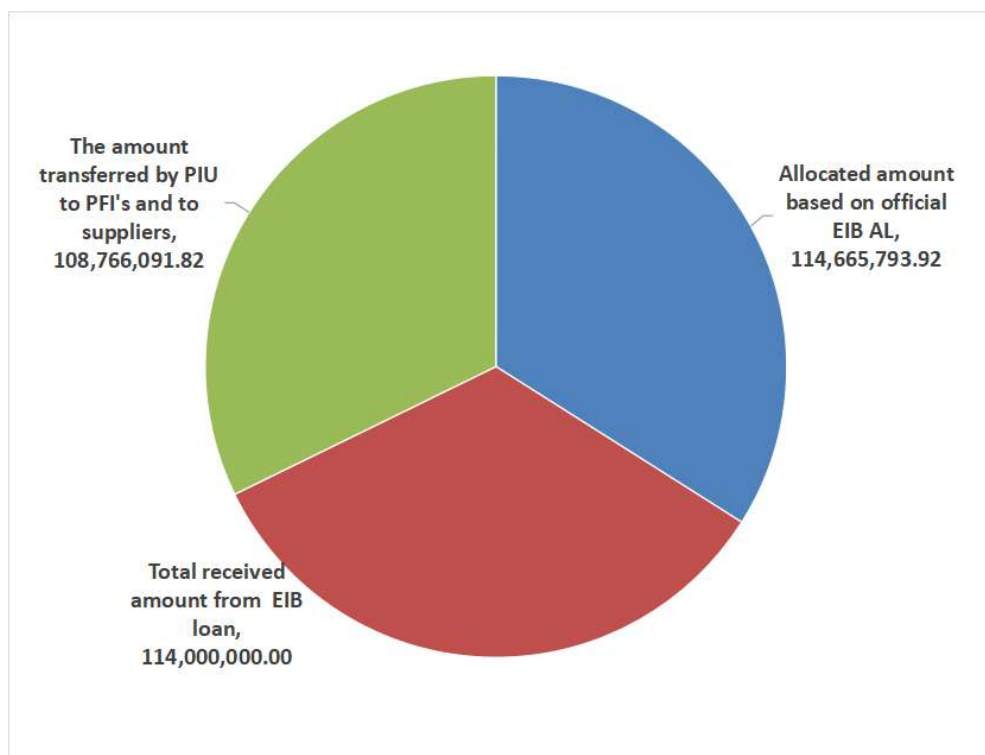
**Table 3. Value of EIB loan disbursed versus allocated as of 31.12.2024, EUR**

	<b>Amount during 2024</b>	<b>Cumulative amount, 2016-2024</b>
Available amount of EIB resources on PIU account, as of 31.12.2023	1,499,863	0.00
Total value disbursed amount by EIB during 2024	22,074,354	114,000,000
Total value disbursed amount by PIU during 2024	18,340,309	108,766,092
Available amount of EIB resources on PIU account, as of 31.12.2024	5,233,908	5,233,908

**Table 4. Value of EIB loan disbursed versus allocated as of 31.12.2024, EUR**

	<b>Allocated amount based on official EIB AL</b>	<b>Total received amount from EIB loan</b>	<b>The amount transferred by PIU to PFI's and to suppliers</b>	<b>% of the proceeds of the previous disbursed EIB tranche</b>	<b>Remaining balance to PIU bank account</b>
Credit line component	95,244,635	100,578,841	99,106,356	98.54%	1,472,485
Leasing component	1,421,159	1,421,159	1,421,159	100.00%	0.00
Investment in infrastructure (LETaDFS)	18,000,000.00	12,000,000.00	8,238,577	Committed amount under Investment in infrastructure Component	3,761,423
<b>Total</b>	<b>114,665,794</b>	<b>114,000,000.00</b>	<b>108,766,092</b>	<b>95.41%</b>	<b>5,233,908</b>

**Diagram 1. Information regarding the value of EIB disbursed amount, PIU disbursed amount versus Allocation amount during 2016-2024, EUR**

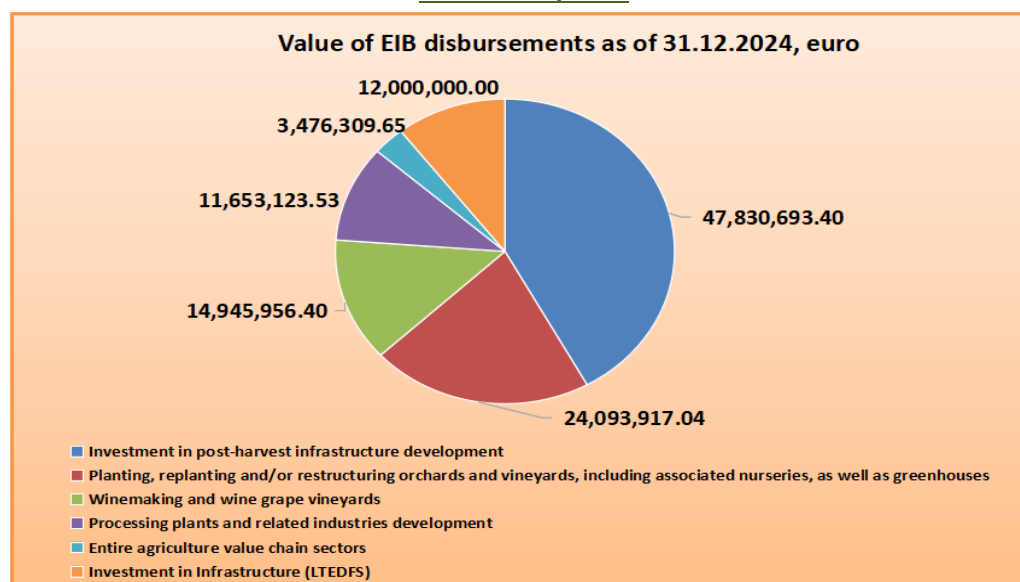


**Table 5. Value of EIB loan disbursed versus allocated as of 31.12.2024, EUR**

<b>Sub-sector distribution</b>	<b>Value of EIB allocations</b>	<b>% of allocated amount</b>	<b>Received amount from EIB</b>	<b>% of disbursed amount</b>
Investment in post-harvest infrastructure development	45,301,942	39.51%	47,830,693	41.96%
Planting, replanting and/or restructuring orchards and vineyards	24,233,088	21.13%	24,093,917	21.14%
Wine-making, viticulture	14,521,994	12.66%	14,945,956	13.11%
Processing plants and related industries development	11,650,164	10.16%	11,653,124	10.22%
Entire agriculture value chain sectors	958,605	0.84%	3,476,310	3.05%
Investment in Infrastructure (LTEDFS)	18,000,000	15.70%	12,000,000	10.53%
<b>Total</b>	<b>114,665,794</b>	<b>100%</b>	<b>114,000,000</b>	<b>100%</b>

In order to analyse the major impact of the EIB funds in investments done during the reported period it is worth to mention that due to the provisions of the FC, all activities financed from the EIB loan are to be co-financed by Project Beneficiaries (min 50% of the sub-project cost) and thus taking into consideration this basic EIB eligibility criteria from the Program’ start and till the end of 2024 within the Project were approved the **investment sub-projects in total amount of EUR 114,665,794** in development of the Moldovan horticulture value chain.

**Diagram 2. Information regarding the value of EIB disbursed amount by sub-sector distribution during 2016-2024, EUR**



**Table 6. Total amount of investments made by beneficiaries within FGP, including EIB loan and BP own contribution, as of 31.12.2024, EUR**

<i>Sub-sector</i>	<i>Total amount of sub-project</i>	<i>Value of EIB allocations</i>	<i>Value of FB co financing</i>	<i>Weight, %</i>
Investment in post-harvest infrastructure development	94,165,582	45,301,942	48,863,640	39.31%
Planting, replanting and/or restructuring orchards and vineyards, including associated nurseries, as well as greenhouses	50,517,775	24,233,088	26,284,687	21.09%
Winemaking and wine grape vineyards	30,877,849	14,521,994	16,355,855	12.89%
Processing plants and related industries development, from which:	24,313,630	11,650,165	12,663,465	10.15%
<i>Processing plants</i>	<i>13,666,247</i>	<i>6,610,551</i>	<i>7,055,696</i>	
<i>Related industries</i>	<i>10,647,383</i>	<i>5,039,614</i>	<i>5,607,769</i>	
Entire agriculture value chain sectors, from which:	2,007,756	958,605	1,049,151	0.84%
<i>Cereals Sector</i>	<i>791,875</i>	<i>384,234</i>	<i>407,641</i>	
<i>Dairy Sector</i>	<i>1,215,881</i>	<i>574,371</i>	<i>641,510</i>	
Investment in Infrastructure (LTEDFS)	37,673,010	18,000,000	19,673,010	15.73%
<b>Total</b>	<b>239,555,603</b>	<b>114,665,794</b>	<b>124,889,809</b>	<b>100.00%</b>

**Table 7. Value of total amount of sub- projects approved by EIB, breakdown by Project components during reporting period 2016-2024, EUR**

<i>Nr of investment projects</i>	<i>Nr of IP</i>	<i>No of PB</i>	<i>Total amount of sub-project, EUR</i>	<i>Value of EIB allocations, EUR</i>	<i>Value of FB co financing, EUR</i>	<i>Value of EIB disbursed amount, EUR</i>	<i>Value of PIU disbursed amount, EUR</i>	<i>share in total, %</i>
<b>Credit Line component</b>								
2016	4	4	2,060,275	1,009,008	1,051,267	1,009,008	1,009,008	
2017	17	16	10,978,032	5,323,161	5,654,871	5,323,161	5,323,161	
2018	28	20	11,095,377	5,370,125	5,725,252	5,052,858	5,052,858	
2019	39	33	10,993,955	5,341,067	5,652,888	5,164,451	5,134,091	
2020	89	70	35,614,270	16,997,561	18,616,709	16,545,712	16,486,187	

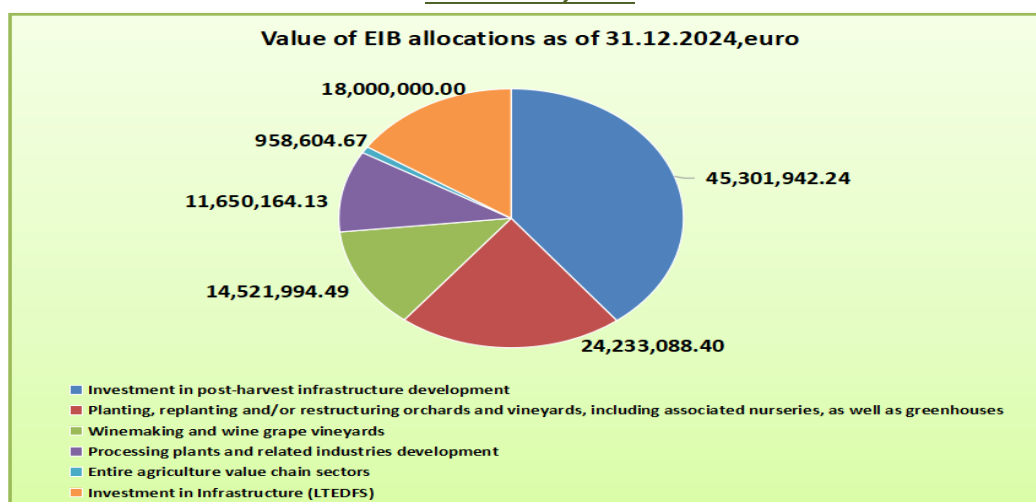
2021	116	85	34,405,375	16,197,307	18,208,068	17,409,298	16,871,283	
2022	115	82	32,144,073	15,078,180	17,065,892	21,000,000	17,586,754	
2023	93	52	35,249,755	17,238,584	18,011,172	7,000,000	15,240,101	
2024	93	86	26,402,425	12,689,642	13,712,783	22,074,354	16,402,913	
<b>Total:</b>	<b>594</b>	<b>448</b>	<b>198,943,537.45</b>	<b>95,244,635.17</b>	<b>103,698,902.28</b>	<b>100,578,841.73</b>	<b>99,106,355.65</b>	<b>83.06%</b>
<b>Leasing operations component</b>								
2016	0	0	0	0	0	0	0	
2017	0	0	0	0	0	0	0	
2018	2	2	1,672,031	795,000	877,031	795,000	795,000	
2019	1	1	712,160	355,500	356,660	355,500	355,500	
2020	1	1	290,484	144,659	145,825	144,659	144,659	
2021	1	1	264,380	126,000	138,380	126,000	126,000	
2022	0	0	0	0	0	0	0	
2023	0	0	0	0	0	0	0	
2024	0	0	0	0	0	0	0	
<b>Total:</b>	<b>5</b>	<b>5</b>	<b>2,939,055.00</b>	<b>1,421,158.75</b>	<b>1,517,896.25</b>	<b>1,421,158.75</b>	<b>1,421,158.75</b>	<b>1.24%</b>
<b>Investment in Infrastructure component</b>								
2016	0	0	0	0	0	0	0	
2017	0	0	0	0	0	0	0	
2018	2	2	7,990,308	3,985,154	4,005,154	3,985,154	0	
2019	0	0	0	0	0	0	367,542	
2020	6	6	13,301,045	6,649,142	6,651,903	0	2,587,237	
2021	2	2	1,591,784	790,284	801,500	7,434,426	1,358,766	
2022	0	0	0	0	0	0	880,019	
2023	0	0	1,191,498	575,420	616,078	580,420	1,107,617	
2024	7	6	13,598,375	6,000,000	7,598,375	0	1,937,396	
<b>Total:</b>	<b>17</b>	<b>16</b>	<b>37,673,010.00</b>	<b>18,000,000.00</b>	<b>19,673,010.00</b>	<b>12,000,000.00</b>	<b>8,238,577.42</b>	<b>15.70%</b>
<b>Total Project components:</b>								

2016	4	4	2,060,275	1,009,008	1,051,267	1,009,008	1,009,008	
2017	17	16	10,978,032	5,323,161	5,654,871	5,323,161	5,323,161	
2018	32	24	20,757,716	10,150,279	10,607,437	9,833,012	5,847,858	
2019	40	34	11,706,115	5,696,567	6,009,548	5,519,951	5,857,133	
2020	96	77	49,205,799	23,791,362	25,414,437	16,690,371	19,218,083	
2021	119	88	36,261,539	17,113,591	19,147,948	24,969,724	18,356,050	
2022	115	82	32,144,073	15,078,180	17,065,892	21,000,000	18,466,773	
2023	93	52	36,441,253	17,814,004	18,627,250	7,580,420	16,347,718	
2024	100	92	40,000,800	18,689,642	21,311,158	22,074,354	18,340,309	
<b>Total:</b>	<b>616</b>	<b>469</b>	<b>239,555,603</b>	<b>114,665,794</b>	<b>124,889,809</b>	<b>114,000,000</b>	<b>108,766,092</b>	<b>100.00%</b>

During 2024, the 8 th year of implementation, the PIU continued through its activities to disseminate the information about the Project opportunities and to facilitate the access of new Potential Beneficiaries (PBs) to EIB funds allocated under the Fruit Garden Project and thus finally to contribute to the recovery of the horticultural sector, mainly by upgrading the equipment and facilities of the horticultural enterprises and of support industries enterprises, restructuring and revitalizing the orchards and table grape vineyards, as well as by mechanization of the agricultural processes.

As the result of activities performed from the Program' start in summer 2016 and **till the end of 2024 under 616 sub-projects EIB were allocated the amount of EUR 114,665,794** from the total amount of EIB loan amount of EUR 120,000,000, which is reflected in the table No 5, from which the **allocation amount of EUR 18,689,642** (by official EIB Allocation Letter ) was allocated by EIB in 2024.

***Diagram 3. Information regarding the value of EIB allocation amount by sub-sector distribution during 2016-2024, EUR***



During 2016-2024 from the amount of **EUR 114,665,794** allocated by the EIB based on **Allocation letters issued** for financing of **616 investment projects** within **27 installments**, including up-Front Disbursements, as you can see in the table above:

**Table 8. Total value of EIB financial resources disbursed in the horticultural sector through the Project, EUR**

<b>No</b>	<b>Date of EIB disbursed</b>	<b>Component 1: Credit Line</b>	<b>Component 2: Leasing operations</b>	<b>Component 3: Investments in infrastructure</b>	<b>TOTAL</b>
1	22.12.2016	1,009,008	-	-	<b>1,009,008</b>
2	04.08.2017	3,827,684	-	-	<b>3,827,684</b>
3	15.11.2017	1,495,477	-	-	<b>1,495,477</b>
4	25.05.2018	1,874,602	-	-	<b>1,874,602</b>
5	24.08.2018	2,201,710	-	-	<b>2,201,710</b>
6	08.11.2018	84,420	-	3,985,154	<b>4,069,574</b>
7	20.12.2018	892,126	795,000	-	<b>1,687,126</b>
8	22.05.2019	1,241,259	355,500	-	<b>1,596,759</b>
9	26.07.2019	1,151,693	-	-	<b>1,151,693</b>
10	18.10.2019	1,662,289	-	-	<b>1,662,289</b>
11	20.12.2019	1,109,210	-	-	<b>1,109,210</b>
12	24.04.2020	4,289,299	-	-	<b>4,289,299</b>
13	29.06.2020	3,971,938	-	-	<b>3,971,938</b>
14	24.07.2020	3,684,134	144,659	-	<b>3,828,792</b>
15	07.10.2020	3,055,527	-	-	<b>3,055,527</b>
16	05.11.2020	1,544,814	-	-	<b>1,544,814</b>
17	02.02.2021	3,000,000	-	-	<b>3,000,000</b>
18	16.03.2021	3,000,000	-	-	<b>3,000,000</b>
19	17.05.2021	-	-	7,434,426	<b>7,434,426</b>
20	26.11.2021	11,409,298	126,000	-	<b>11,535,298</b>



21	23.02.2022	7,000,000			<b>7,000,000</b>
22	03.08.2022	7,000,000			<b>7,000,000</b>
23	07.12.2022	7,000,000			<b>7,000,000</b>
24	23.05.2023	7,000,000		580,420	<b>7,580,420</b>
25	22.02.2024	7,000,000			<b>7,000,000</b>
26	26.06.2024	10,295,747			<b>10,295,747</b>
27	28.10.2024	4,778,606.98			<b>4,778,606.98</b>
	<b>TOTAL</b>	<b>100,578,841</b>	<b>1,421,159</b>	<b>12,000,000</b>	<b>114,000,000</b>

As it was mentioned already in this chapter, PIU activities in 2024 were focused on all financial instruments available under the Project:

- Term loans under Credit Line instrument,
- Leasing of plant and equipment under Leasing Operations instrument through PFIs,
- Investments in infrastructure, as direct investments in the horticultural value chain by the Borrower).

**Table 9. Total value of EIB financial resources by financial component of the Project as of 31.12.2024, EUR**

<b>Project components</b>	<b>Value of EIB allocations</b>	<b>Value of EIB disbursed amount</b>	<b>Value of PIU disbursed amount</b>	<b>%</b>	<b>Remaining balance as of 31.12.2024</b>
Component Credit Line	95,244,635	100,578,841	99,106,356	83.06%	1,472,485
Component Leasing operations	1,421,159	1,421,159	1,421,159	1.24%	0.00
Investments in infrastructure	18,000,000.00	12,000,000.00	8,238,577	15.70%	3,761,423
<b>Total</b>	<b>114,665,794</b>	<b>114,000,000</b>	<b>108,766,092</b>	<b>100%</b>	<b>5,233,908</b>

### III. FGM PROJECT PERFORMANCE BY COMPONENTS

#### 1. Credit Line & Leasing

*In 2024 specific challenges were faced by Moldova's horticulture sector that impacted directly the absorption of the FGM Credit Line:*

**Regional Economic Crisis Due to the 2022 Russian Invasion of Ukraine:**

The ongoing economic instability led to inflation, increased costs for agricultural inputs, and disruptions in export and logistics markets. These factors heavily affected producers, making it challenging to maintain operations and profitability.

**Volatility of the Interest Rates Set by the National Bank of Moldova (NBM):**

In response to inflation, the NBM raised its benchmark rate to unprecedented rates in 2023. Although rates began to decrease in 2024, and the trend was in continuous decrease, the volatility discouraged businesses from committing to investment projects.

**Increased Euribor Rates:**

The rising Euribor increased borrowing costs for loans in EUR. This made financing in foreign currency less attractive, pushing businesses to seek loans in MDL instead.

**Reduced Consumer Spending and Investment Activity:**

Higher borrowing costs, whether in MDL or EUR, led to reduced consumer spending and businesses delaying or cutting back on investments. The economic slowdown further dampened the absorption of the Credit Line.

**Delayed Investments Due to Uncertainty:**

Businesses postponed or cancelled planned investments due to uncertainty in economic conditions, interest rate volatility, and unstable market conditions.

**Complex process of approving newly sectors:**

In November 2023, the Final Availability Date (FAD) for the Fruit Garden of Moldova (FGM) project was extended, and new eligibility criteria were introduced. Starting in the reporting year 2024, sub-projects in sectors such as livestock, cereals, and aquaculture became eligible for financing under the initiative.

With the inclusion of these new sectors, priority was given to financing sub-projects within these areas, particularly to co-finance projects with a new partner—AGGRI. This strategic shift aimed to diversify investments and support critical agricultural and aquaculture projects in Moldova.

However, the approval process for sub-projects within the newly introduced sectors faced delays. Specifically, the AGGRI Projects' approval process for the first round of sub-projects proved to be both lengthy and complex. This was largely due to the heightened sensitivity of these sectors, requiring additional scrutiny and compliance checks by the European Investment Bank (EIB).

Despite these challenges, the inclusion of these sectors represents a significant step towards addressing Moldova's broader agricultural development goals, ensuring sustainable growth in key areas such as livestock management, cereal production, and aquaculture.

Limited access to financial resources constrained the ability of farmers and businesses in the horticulture sector to invest in modern technologies, equipment, and sustainable practices. Despite the constraints, the interest in the FGM sources remained high and the absorption of SME loans financed by EIB in the frame of the FGM credit line remained relatively strong.

PIU activities in 2024 were focused on relationship building with partner banks, PIU and OGPAE promoting financial instruments available under the Project, including **Term loans** under Credit Line instrument through PFIs (local Intermediary Banks acceptable to the EIB and MoF). In the reported period there was no financing requests under the leasing instrument.

**As of 2024, the following results were achieved:**

- 73 Participating Forms were received and registered by the PIU from potential Beneficiaries.
- 88 PIU Eligibility Notices were approved and issued for the submitted private investment projects.
- EIB Validated and Allocated 87 sub-projects in the amount for the submitted investment projects was EUR 14,990,762.
- Total SME Own Contribution: EUR 16,485,867.
- Together with SME's own contributions, the private sector invested EUR 31,476,629 into the horticultural and agricultural development.
- 375 PIU Fiscal Exemption Letters were issued to the Beneficiaries in the total amount of EUR 17,641,361.

In the reported period, the PIU continued to inform via all means physical/electronic mail potential beneficiaries from horticultural sector, professional associations and companies of related industries, informing all of them about the opportunity to access EIB funds within the **Fruit Garden project** and general eligibility criteria for investments planned by potential beneficiaries.

- Organized meetings with branches of PFIs from the Moldova regions in order to discuss the actual interest of the farmers to term loans and leasing instruments offered under the Fruit Garden Project and the difficulties they are facing in accessing funds.;
- Provided support (as requested) to Potential Beneficiaries in the process of contracting funds from the PFIs under the FGM and their investment projects' implementation process (change of suppliers, tax exemptions, etc.)
- Reviewing the application and procurement documentation of Credit Line Final Beneficiaries and provide consultancy to the Potential beneficiaries till the approval process is over.
- Participate actively in the implementation process and validate and issue the fiscal exemptions letters to the final beneficiaries under the implementation process.

PIU was permanently in contact with Beneficiaries in order to inform about the opportunities of the Project and to inform and guide the steps to be done in accessing the EIB sources and Together with

SME's own contributions, the private sector invested **EUR 31,476,629** into the horticultural and agricultural development.

***Diagram 4. Investments structure in the horticultural sector, as of 31.12.2024, EUR***



#### **Investments in 2024: New Eligibility Sub-Projects (Cereals and Livestock)**

In 2024, the total investments under the new eligibility sub-projects for Cereals and Livestock reached EUR 4,260,000. Of this amount, EUR 2,990,000 (approximately 70%) was allocated to finance the Livestock sector, while the remaining EUR 1,270,000 (30%) was directed toward the Cereals sector. This allocation highlights a strategic focus on strengthening the livestock industry, reflecting its growing importance within Moldova's agricultural and economic landscape.

##### **1. Livestock Sector as a Priority:**

- With nearly 70% of the investment directed to livestock, the new sector has emerged as a focal point for development. This could be attributed to its higher profitability, its role in ensuring food security, and its potential for export-driven growth.

- The emphasis on livestock aligns with Moldova's broader agricultural strategies, including improving productivity, infrastructure modernization, and adopting sustainable farming practices.

##### **2. Cereal Sector Investments:**

- Though smaller in proportion, the allocation of EUR 1,270,000 to cereals reflects the sector's importance in Moldova's agricultural portfolio, particularly in supporting grain exports and ensuring feed supply for livestock.

- Investments in cereals may have focused on enhancing storage facilities, improving seed quality, and adopting climate-resilient farming practices to mitigate risks from adverse weather conditions.

Despite challenges such as inflation, rising input costs, and fluctuating interest rates in 2024, these investments demonstrate resilience in the agriculture sector.

The Livestock sector's higher allocation suggests a strong demand for financing from farmers and agribusinesses, possibly driven by opportunities in value-added products like dairy, meat, and processed goods.

## **Trust-Based Cooperation with Beneficiaries in FGM Sources**

In 2024, the Fruit Garden of Moldova (FGM) Project demonstrated a strong trust-based relationship between beneficiaries and funding sources, as evidenced by the 47% of investment projects initiated by existing beneficiaries. This significant proportion highlights the trust, satisfaction, and continued engagement of stakeholders within the program. An increase in repeated investment sub-projects was observed during the reporting period, with several beneficiaries reaching their fifth and sixth investment projects under the FGM Project. This remarkable level of repeated participation underscores the trusted and fruitful collaboration between the involved parties, as well as the high attractiveness of financing provided through the European Investment Bank (EIB).

## **Analysis of Dominant Investments according to product Value Chain in 2024**

The total investments in 2024 under the Fruit Garden of Moldova (FGM) Project amounted to EUR 14,990,763, with the majority allocated to three key sectors: apples, plums, and wine and table grapes. Below is a breakdown and analysis of the contributions and trends for each category:

- **Wine and Table Grapes:** EUR 5,137,354 (34% of total investments)

**Dominant Share:** This category received the highest investment, accounting for over one-third of total funding. Moldova's strong tradition and reputation as a wine-producing country make this sector a critical economic driver. Demand for quality improvements, enhanced processing facilities, and export diversification likely spurred investment in both wine and table grapes. Wine-related investments may also include modernization of vineyards, implementation of climate-resilient practices, and production of premium wines targeting international markets.

- **Apples:** EUR 3,392,337 (23% of total investments)

**Second-Largest Investment Area:** Apples represent 23% of the total investments, reflecting their importance in Moldova's fruit production sector. Moldova's established expertise in apple cultivation and the growing global demand for fresh and processed apples. Investments likely aimed at modernizing orchards, introducing disease-resistant varieties, and upgrading storage and processing infrastructure (e.g., cold storage facilities).

- **Plums:** EUR 2,353,842 (16% of total investments)

**Strategic Sector:** Although smaller in share, plums received significant funding, accounting for 16% of total investments. Moldova's strong position as one of Europe's largest plum exporters, particularly to the EU and regional markets. Investments focused on enhancing productivity, diversifying varieties, and ensuring compliance with export standards (e.g., size, quality, and pesticide residue limits).

## Analysis of Investments Lines in 2024

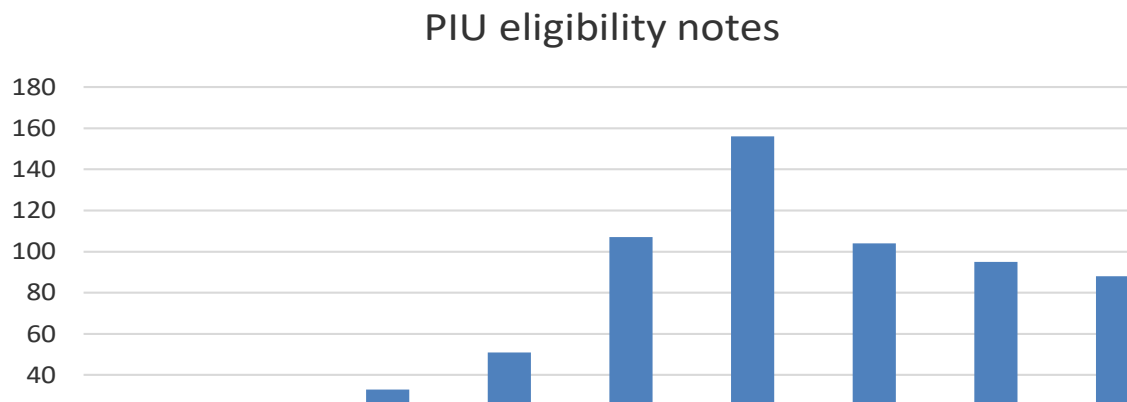
The total investments in 2024 under the Fruit Garden of Moldova (FGM) Project amounted to EUR 14,990,762, with specific investments in key infrastructure and technology areas: irrigation systems, sorting lines, winemaking, and support systems. These investments play a crucial role in improving productivity, quality, and sustainability in Moldova's agricultural and horticultural sectors.

- **Investments in Winemaking:** EUR 3,063,138 (20% of total investments) Investment Focus: Winemaking received significant attention with an investment of EUR 3,063,138, reflecting Moldova's continued commitment to its wine industry as a cornerstone of its agricultural exports.
- **Investments in Sorting Line:** EUR 1,792,678 (12% of total investments) Investment Focus: The sorting line investment reflects the drive towards increased productivity and quality control in post-harvest operations. Sorting lines are key for automating the classification and packaging of fruits, ensuring consistency and quality in products sent to both domestic and international markets.
- **Investments in Irrigation Systems:** EUR 1,645,831 (11% of total investments) Investment Focus: The allocation for irrigation systems highlights the importance of water management in Moldova's agricultural production. Efficient irrigation is essential for improving crop yields, especially considering the increasingly erratic climate patterns and water scarcity issues.
- **Investments in Support System:** EUR 1,302,054 (9% of total investments) Investment Focus: The support system category encompasses a broad range of infrastructure improvements, including storage facilities, cold chains, and logistics systems, essential for supporting the broader agricultural and horticultural value chains.

### Project Implementation Unit Eligibility Notices

In the reported period, the Project Implementation Unit (PIU) analysed and approved investment projects, issuing a total of 88 Project Implementation Unit Eligibility Notices with a total value of EUR 15,698,229. While there has been a slight decline in the number of PIU eligibility notices, it is important to note that this can be attributed to the approaching end of the project budget. As a result, it is anticipated that the number of eligibility notices will decrease in the coming year.

***Diagram 5. PIU Eligibility Notices issued within FGM, as of 31.12.2024, EUR***



Based on the data provided by the Office for External Assistance Programs Management, the interest rates offered through the FGM (Fruit Garden of Moldova) are lower compared to those provided under existing external loan credit lines. This demonstrates the competitive advantage of the FGM financing.

However, it is important to note that the final interest rates applied by the Participating Financial Institutions (PFIs) to beneficiaries during 2024 varied as follows:

- For projects in EUR: The interest rate was provided on fixed terms, with the rate for the last tranche reaching a maximum of 7.276%.
- For projects in MDL: The interest rate was based on variable terms, with a maximum rate of 7.7%.

These rates reflect the financial conditions of the market, as well as the currency-related risks and inflationary pressures. The variation in rates suggests that while FGM provides favourable rates, other factors, such as currency stability and inflation, influence the final terms for beneficiaries.

## **2. Investments in infrastructure component development**

In line with the Finance Contract provisions, and based on the signed and ratified Amendment nr.5 to FC, EIB committed min 5 % of the Loan or equivalent of EUR 6,000,000 to the Investment in Infrastructure Component and max 15% of the Loan EUR 18,000,000, as the eligibility criteria were extended by EIB to the whole agri-food sector.

In the reporting period of 2016-2024, overall 16 investment sub-projects were developed and approved, for a total of 14 beneficiaries: public education and research institutions, and 1 sub-project (of the Agrarian State University of Moldova) is considered closed and implemented. During 2024 year, PIU continued the implementation of the 9 investment sub-projects approved in the period of 2018-2023 years, totalling EUR 12,000,000 - EIB financing, and also developed together with the beneficiaries and began the implementation of additional 6 new sub-projects approved by MOAFI and EIB and 1 increase of value, totalling EUR 6,000,000 - EIB financing.

***Table 10. Total value of EIB allocation amount for Institutions approved by EIB based on EIB issued allocation letters during 2024***

<b><i>Nr BF</i></b>	<b><i>Name of beneficiary</i></b>	<b><i>PIU Eligibility Notice</i></b>	<b><i>EIB allocation letter</i></b>	<b><i>Total amount of sub-project, EUR</i></b>	<b><i>Value of EIB allocations 2024, EUR</i></b>	<b><i>FB own contribution, Eur</i></b>
1	National Center for Seed Research and Production	No 01E from 01.07.2024	No. 587 from 29.11.2024	2,532,028	1,200,000	1,332,028
2	Institute of Genetics, Physiology and Plant Protection (State University of Moldova)	No 02E from 05.07.2024	No. 588 from 29.11.2024	228,217	112,000	116,217

3	Scientific-Practical Institute of Biotechnologies in Livestock and Veterinary Medicine	No 04E from 12.09.2024	No. 589 from 29.11.2024	1,334,694	570,000	764,694
4	Scientific-Practical Institute of Horticulture and Food Technologies (ISPHTA IP no. 2)	No 03E from 12.09.2024	No. 590 from 29.11.2024	3,871,388	1,700,000	2,171,388
5	College of Veterinary Medicine and Agrarian Economy from Bratuseni	No 06E from 07.10.2024	No. 591 from 29.11.2024	1,740,132	870,000	870,132
6	Technical University of Moldova (TUM IP no. 2)	No 05E from 20.09.2024	No. 592 from 29.11.2024	2,776,700	1,380,000	1,396,700
7	Technical Agricultural College from Soroca	No 104 from 18.10.2024	No. 104 from 29.11.2024 (increase)	1,413,000	168,000	1,245,000
<b>TOTAL 2024 allocations:</b>				<b>13,896,159</b>	<b>6,000,000</b>	<b>7,896,159</b>

**Table 11. Cumulative total value of EIB allocations for Public Institutions issued in 2016-2024:**

<b>Name of beneficiary</b>	<b>Total value of sub-projects, EUR</b>	<b>Value of EIB allocations 2016-2023, EUR</b>	<b>EIB allocations 2024, EUR</b>	<b>Total value of EIB allocations, EUR</b>	<b>Total value of FBs' own contribution, EUR</b>
Technical University of Moldova (TUM, IP no.1)	4,488,722	2,243,721	-	2,243,721	2,245,001
ASUM	3,488,534	1,741,433	-	1,741,433	1,747,101
Technical Agriculture College from Soroca (increased value)	2,200,420	787,420	168,000	955,420	1,245,000
Technical-Agriculture College from Svetlii	2,731,329	1,323,420	-	1,323,420	1,407,909
Scientific-Practical Institute of Horticulture and Food Technologies (ISPHTA, IP no.1, Viticulture Department)	1,283,028	601,365	-	601,365	681,663
Center of Excellence in Viticulture and Winemaking from Chisinau (CEVVC)	4,199,625	1,999,625	-	1,999,625	2,200,000



Center of Excellence in Horticulture and Agricultural Technologies from Taul	2,847,294	1,408,732	-	1,408,732	1,438,562
Agro-Industrial College from Ungheni	1,643,127	779,000	-	779,000	864,127
Agro-industrial college Gheorghe Raducan, Grinauti	1,320,482	650,000	-	650,000	670,482
Agro-industrial college from Riscani	987,290	465,284	-	465,284	522,006
National Center for Seed Research and Production	2,532,028	-	1,200,000	1,200,000	1,332,028
Institute of Genetics, Physiology and Plant Protection (State University of Moldova)	228,217	-	112,000	112,000	116,217
Scientific-Practical Institute of Horticulture and Food Technologies (ISPHTA IP no. 2)	3,871,388	-	1,700,000	1,700,000	2,171,388
Scientific-Practical Institute of Biotechnologies in Livestock and Veterinary Medicine	1,334,694	-	570,000	570,000	764,694
Technical University of Moldova (TUM IP no. 2)	2,776,700	-	1,380,00	1,380,000	1,396,700
College of Veterinary Medicine and Agrarian Economy from Bratuseni	1,740,13	-	870,000	870,000	870,132
<b>TOTAL</b>	<b>37,673,010</b>	<b>12,000,000</b>	<b>6,000,000</b>	<b>18,000,000</b>	<b>19,673,010</b>

All of the above-mentioned institutions are preparing specialists for the whole agri-food industry or perform research connected to the agriculture sector.

### **Procurement activities under Investments in Infrastructure Component**

The implementation of the educational and research institutions' sub-projects consisted in procurement and implementation activities, i.e. carrying out tendering procedures and subsequent contracts implementation, according to the approved investment sub-project and procurement plans.

The following procurement and contracts implementation activities were carried out, for each of the beneficiaries:

**1. Technical University of Moldova (TUM), 2024-year activities:**

- Construction and endowment of the Green Bio Hub- a 1008 m<sup>2</sup> of didactic greenhouses, a water accumulation pool, and a photovoltaic system for greenhouses.



Overall TUM's procurement plan implementation status (2018-2024):

Procurement/ contract No	Procurement Activity	Contract signed with:	Contract amount paid, EUR	Implementation Status:
<b>Total value of EIB financing: EUR 2,243,721.49</b>				
LAB_UASM_UTM_2018 (Lot 2)	Endowment of horticulture laboratories with laboratory furniture.	Primobil-Lux SRL	63,864.57	Implemented
GLASS_UASM_UTM_2019	Endowment of horticulture laboratories with laboratory glassware	Lokmera SRL	17,120.90	Implemented
LAB_ASUM_TUM_2019 (lot 1)	Endowment of horticulture laboratories (6 laboratories overall) with lab equipment.	Nitech SRL, Romania	579,409.19	Implemented
LAB_ASUM_TUM_2019 (lot 2)	Endowment of horticulture laboratories (2 faculties, 6 laboratories overall) with lab equipment, glassware.	Nitech SRL, Romania	392,461.03	Implemented
LAB_ASUM_TUM_2019 (lot 3)	Endowment of engineering laboratories (4 laboratories overall) with mechatronic equipment	Techno Volt SRL, Romania	304,812.00	Implemented
REAC_TUM_ASUM_2021	Endowment with chemical reagents for laboratories	Redox Lab Supplies	21,244.39	Implemented
AUD_TUM_2021	Audio-video conferencing equipment, 408 lab	Genial Invest SRL	18,800.04	Implemented
WORK_TUM_2019	Works on Thermal Insulation of Food Technology Faculty building	Sarco Engineering SRL	500,362.84	Implemented
WORK_ASUM_2020 LOT 1 amendment 2 as of 12.03.2021	Renovation works of the hall of the Food Technology Faculty	Procomcon SRL	43,129.46	Implemented
FURN_TUM_2021	Study building 5 hall furniture	Proenergy Electric SRL	19,608.29	Implemented
LAB_TUM_2022	Laboratory equipment and accessories	Ecochimie SRL, Moldova	22,920.76	Implemented
GREEN_TUM_2023	Creation of a didactic greenhouse (1008m <sup>2</sup> )	Croponix Farms SRL	24,228.62	Implemented
<b>Total paid:</b>			<b>2,227,962.09</b>	





## **2. Agrarian State University of Moldova (ASUM) investment sub-project:**

- The investment sub-project of ASUM is considered closed and implemented.
- Based on the Republic of Moldova Government's decision, Technical University of Moldova absorbed the Agrarian State University in September 2022. Thus, according to the Ministry of Agriculture Working Group decision, the remaining balance of EUR 254,179.49 under the investment sub-project of ASUM was transferred to TUM's investment sub-project. The final value of EIB financing for ASUM's sub-project became EUR 1,741,432.51

Overall ASUM's procurement plan implementation (2018-2022):

Procurement/ contract No	Procurement Activity	Contract signed with:	Contract amount paid as of 31.12.2022, EUR	Implementation Status:
<b>Total value EIB financing: EUR 1,741,432.51</b>				
LAB_UASM_UTM_2018 (lot 4)	Laboratory furniture	Primobil-Lux SRL, Moldova	69,953.43	Implemented
LAB_ASUM_TUM_2019	Laboratory equipment for 3 laboratories within 2 departments.	Nitech SRL, Romania (Lot 4)	500,443.00	Implemented
		Lokmera SRL, Moldova (Lot 5)	335,707.17	Implemented
GLASS_UASM_UTM_2019	Laboratory glassware	Lokmera SRL, Moldova	26,888.00	Implemented
REAC_TUM_ASUM_2021	Procurement of chemical reagents for laboratories	Redox Lab Supplies SRL, Moldova	17,647.78	Implemented
AGRI_MACHINE_2021	Endowment with agriculture machinery and accessories	A.G.T. SPA, Italy	181,908.19	Implemented
AGRI_RISCANI_2021 (Lot 2)	Endowment of Mechanization lab hall (I.A.-4A) with maintenance equipment	Agrofermotech SRL, Moldova	29,479.99	Implemented
ICT_ASUM_2021A	ICT equipment and peripherals (including Licensed software for design, including high speed video camera for research)	BTS Pro SRL, Moldova	42,837.07	Implemented
WORK_ASUM_2020	Lot 2 Refurbishing Auditorium H1 (horticulture)	Sarco Engineering SRL, Moldova	294,387.17	Implemented
	Lot 1 Refurbishing Mechanization Lab I.A.-4A (including fridge lab room)	Procomcon SRL, Moldova	242,180.69	Implemented
<b>Total paid:</b>			<b>1,741,432.51</b>	





**3. Scientific-Practical Institute of Horticulture and Food Technologies (ISPHTA) Investment Sub-project, 2024-year activities:**

- Construction of the cold storage warehouse for vines and grapes (~396 m<sup>2</sup>)



*Overall ISPHTA's procurement plan implementation status (2020-2024):*

Procurement/ contract No	Procurement Activity	Contract signed with:	Contract amounts paid, EUR	Implementation Status:
<b>Total value of EIB financing: 601.365,00 EUR</b>				
WAREH_ISPHTA_2021	Construction of cold storage warehouse for vines and grapes (~396m <sup>2</sup> )	Colass SA	409,431.45	Implemented
FENCE_ISPHTA_2020	Construction of a protective fence (including access gate) for the new vineyard (~20ha)	Ecacons-Grup SRL, Moldova	21,643.12	Implemented
AGRI_ISPHTA_2020	Tractor and other agriculture machinery & accessories	OzonTeh Impex SRL	33,768.06	Implemented
BUR_ISPHTA_2021	Drill for planting seedlings	Mecagro IS	645.47	Implemented
BUS_ISPHTA_2021	Minibus (for workers transportation to vineyards)	Daac Autosport SRL	32,850.00	Implemented
LAB_ISPHTA_GRINAUTI_2021	Laboratory equipment	Ecochimie SRL	17,460.33	Implemented
SUPPORT_ISPHTA_2021	Support system for new established 11.5ha vineyard	Filaro Impreg SRL	41,529.71	Implemented
FERT_ISPHTA_2021 (Lot 1, 2)	Ferilisers for new vineyard (11,5ha)	Protecția Plantelor SRL	4,173.24	Implemented



FUEL_ISPHTA_2021	Diesel fuel for agriculture works regarding new vineyard establishment	Avante SRL	3,619.44	Implemented
TORF_ISPHTA_2022	Substrate/peak for greenhouse	Agrodor-Succes SRL	855.90	Implemented
<b>Total paid:</b>			<b>565,976.72</b>	







**4. Technical Agriculture College from Soroca (SOROCA College) investment sub-project, 2024-year activities:**

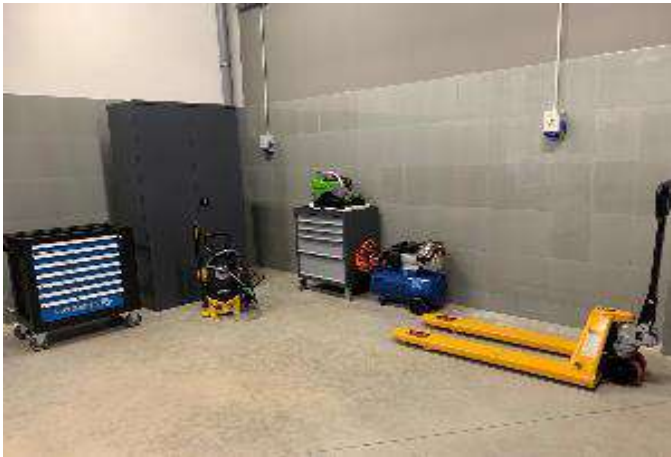
PIU finalized the Construction of the Technical Didactical Centre in Agricultural Mechanics and continued with the endowment of newly built with the maintenance equipment, furniture and ICT equipment. In November 2024, based on Ministry of Agriculture request, EIB allocated additional resources in the amount of EUR 168,000 for the endowment of *the Technical Didactical Centre in Agricultural Mechanics*, for the procurement of Agri-machines, additional maintenance and service equipment, Agri drones and solar panels. Thus, the total EIB allocation was increased from EUR 697,000 to EUR 955,420.

Overall Soroca’s College procurement plan implementation status (2020-2024):

Procurement/ contract No	Procurement Activity	Contract signed with:	Contract amount paid, EUR	Implementation Status:
<b>Total value of EIB financing: EUR 955,420.00</b>				
WORK_SOROCA_2022	Construction of a Technical-Didactical Center in Agricultural Mechanics (~560 sqm).	Consmodern SRL, Moldova	696,754.11	Executed
TOOLS_SOROCA_2023B	Procurement of maintenance and service equipment and tools for the endowment of the newly built Technical-Didactical Center in Agricultural Mechanics	Agrofermotech SRL, Moldova	61,995.65	Under implementation
FURN_SOROCA_2024	Procurement of furniture for the endowment of the newly built Technical-Didactical Center in Agricultural Mechanics	Convexmob SRL, Moldova	7,950.29	Implemented
Endowment of the newly built Technical-Didactical Center in Agricultural Mechanics with: ICT, maintenance & service equipment, agri machines and drones, solar panels,		TBD	Tenders to be launched in January 2025	
<b>Total paid:</b>			<b>719,110.55</b>	







**5. Center of Excellence in Viticulture and Winemaking from Chisinau (CEVVC), 2024-year activities:**  
In 2024 PIU developed the Technical architectural execution design for the construction the Didactic-experimental Station in Horticulture, to be constructed in 2025-2026 years.



Overall CEVVC's procurement plan implementation status (2020-2024):

Procurement/ contract No	Procurement Activity	Contract signed with:	Contract amount paid, EUR	Implementation Status:
<b>Total sub-project's value (EIB financing): EUR 1,999,625</b>				
AGRI_MACHINE_2021	Agriculture machinery and accessories	A.G.T. SPA	155,452.88	Implemented
SUPPORT_CEVVC_UNGHENI_2022	Support system for 2,46ha vineyard	Dilexis SRL	20,428.75	Implemented
ORCHARD_SEEDLINGS_2020	Establishment of a 0,84ha new fruits orchard (0,28 sour cherry, 0,28ha plums, 0,28ha aprico) and a new 2,46ha of vineyard, for didactic purposes	Vitis Cojusna SRL	11,694.42	Implemented
GRUBB_CEHTA_CEVVC_2020	Grubbing up 5 ha of old orchard	Tridimensional SRL, Moldova	4,824.93	Implemented
SEED_FENCE_CEVVC_2021	Procurement of acacia trees for shelterbelt planting	Moldsilva Telenesti	510.75	Implemented
DESIGN_CEVVC_2023	Technical design for construction the "Didactic-experimental Station in Winemaking"	Sigma Engineering SRL, Moldova (contract amount ~ 37k EUR)	7,432.59	Under implementation
WORK_CEVVC_2023	Construction of a "Didactic-experimental Station in Horticulture"	TBD	TBD	Tender to be launched in ~March 2025
Endowment of a "Didactic-experimental Station in Horticulture" with furniture, laboratory, winemaking, fruits processing and ICT equipment		TBD	TBD	~2026 year
<b>Total paid:</b>			<b>200,344.33</b>	









**6. Agro-Industrial College „Gheorghe Răducan” from Grinauti (GRINAUTI College), 2024-year activities:**

During 2024 year, PIU continued the construction works of the Technical-didactical Laboratory on Agriculture Mechanization (~407 sqm):



Overall GRINAUTI College's procurement plan implementation status (2021-2024):

Procurement/ contract No	Procurement Activity	Contract signed with:	Contract amount paid, EUR	Implementation Status:
<b>Total value EIB financing: EUR 650,000</b>				
TOP_GRINAUTI_2021	Topographic plan and concept for the technical-didactical Laboratory on Agriculture Mechanization	Geo-Cad-Proiect SRL, Moldova	2,092.63	Implemented
REAC_TUM_ASUM_2021	Endowment with chemical reagents for laboratories	Redox Lab Supplies SRL	2,867.76	Implemented
ICT_ASUM_2021A	ICT equipment for Microbiology Lab (including theory classroom)	BTS Pro SRL	6,228.02	Implemented
FURN_GRINAUTI_2021	Supply of Lab furniture for Microbiology Lab	Proenergy Electric SRL	20,978.64	Implemented
LAB_ISPHTA_GRINAUTI_2021	Supply of Lab equipment and accessories for the Microbiology Lab.	Ecochimie SRL	13,098.13	Implemented
WORK_GRINAUTI_2022 (LOT 2)	Construction of the Technical-didactical Laboratory on Agriculture Mechanisation (~407 sqm).	AM Sisteme SRL in Joint Venture with MRK Invest SRL, Moldova (contract amount ~ 421 k EUR)	335,620.63	Under execution
Endowment of a Technical-didactical Laboratory on Agriculture Mechanisation with furniture and mechanical maintenance equipment		TBD	TBD	Endowment will be performed after the construction is done
<b>Total paid:</b>			<b>380,885.81</b>	







**7. Agro-Industrial College from Riscani (RISCANI College), 2024-year activities:**

During 2024 year, PIU continued the construction works of the *Didactical Laboratory for Processing and Quality control of essential oils*





Overall Riscani College's procurement plan implementation status (2021-2024):

Procurement/ contract No	Procurement Activity	Contract signed with:	Contract amount paid, EUR	Implementation Status:
<b>Total value of EIB financing: EUR 465,284</b>				
TOP_RISCANI_2021	Elaborate topographic scheme and concept for the laboratory on Processing and quality control of essential oils	Geo-Cad-Proiect SRL	2,092.63	Implemented
SEED_RISCANI_2021	Procurement of seedlings for establishment of didactic plantations: 2 ha of lavender	Rural Plus SRL	3,823.69	Implemented
C-01/21	Procurement of seedlings for establishment of didactic 2 ha of sage plantation	Institute of Plants Genetics, Physiology and Protection	479.90	Implemented
AGRI_RISCANI_2021 (Lot 1)	Procurement of horticulture machinery for plantations establishment and maintenance	Ozonteh Impex SRL	38,662.84	Implemented
WORK_RISCANI_2022 (LOT 1)	Construction of the Didactical Laboratory on Processing and quality control of essential oils (~215 sqm)	AM Sisteme SRL in Joint Venture with MRK Invest SRL, Moldova (contract amount ~ 280 k EUR)	275,077.28	Under execution
Endowment of a Didactical Laboratory on Processing and quality control of essential oils with furniture oil plants processing equipment		TBD	TBD	Endowment will be performed after the construction is done
<b>Total paid:</b>			<b>320,136.34</b>	





### **8. Technical-Agriculture College from Svetlii (SVETLII College), 2024-year activities**

During 2024 year, PIU executed the construction works of the Didactical Station for horticultural products processing and agri-machines maintenance (~812 m<sup>2</sup>) which will contain 2 labs: „Horticulture sorting and packaging lab” and „Agriculture machinery repair and maintenance lab”:





Overall SVETLII College's procurement plan implementation status (2020-2024):

Procurement/ contract No	Procurement Activity	Contract signed with:	Contract amount paid as of 31.12.2023, EUR	Implementation Status:
<b>Total value of EIB financing: EUR 1,323,420</b>				
FURN_SVETLII_2021	Endowment of students' dormitory with furniture and household appliances	Proenergy Electric SRL, Moldova	110,319.40	Implemented
ORCHARD_SEEDLINGS_2020	Procurement of young trees for 3ha of new fruit orchard (apple, cherry, sour cherry, apricot) and young trees for 2 ha of shelterbelt establishment (hazelnut, maple, poplar)	Vitis Cojusna SRL, Moldova	6,281.52	Implemented
LAB_ASUM_TUM_2019 (lots 1,4)	Weather station for practical lessons	SC Nitech SRL, Romania (Lot 4)	7,393.00	Implemented
AGRI_MACHINE_2021	Agriculture machinery with accessories	A.G.T. SPA, Italy	230,835.34	Implemented
WORK_SVETLII_2023	Construction of the Didactical Station in horticultural processing and agri machines maintenance (aprox.812 m <sup>2</sup> )	Consmodern SRL in Joint Venture with Valdcongrup SRL, Moldova (contract amount ~ 880 k EUR)	862,667.66	Under execution
Endowment of the Didactical Station with a fruit sorting and packaging line		TBD	TBD	Endowment will be performed after the construction is done
<b>Total paid:</b>			<b>1,217,496.92</b>	









**9. Center of Excellence in Horticulture and Agricultural Technologies from Taul (CEHTA Taul), 2024-year activities:**

In 2024, PIU developed the Technical architectural execution design for the construction of the Methodical-Didactic Training Center in Horticulture.

Overall CEHTA Taul's procurement plan implementation status (2016-2024):

Procurement/ contract No	Procurement Activity	Contract signed with:	Contract amount paid as of 31.12.2023, EUR	Implementati on Status:
<b>Total value of EIB financing: EUR 1,408,732</b>				
PROPLANT_TAU_2020	Design for the new fruits plantation	Pomiproconsult SRL, Moldova	413.03	Implemented
Orchard_Seedlings_2020	Procurement of young fruit trees for new fruit orchard establishment	Vitis Cojusna SRL, Moldova	14,998.10	Implemented
GRUBB_CEHTA_CEVVC_2020	Grubbing up 39 ha of old orchard	Tridimensional SRL, Moldova	36,310.61	Implemented
AGRI_MACHINE_2021	Agriculture machinery with accessories	A.G.T. SPA, Italy	200,382.55	Implemented



DESIGN_TAU_UNGHE NI_2022	Technical Design of the engineering networks for the construction works of the "Methodical-Didactic Training Center in Horticulture"	Geo-Cad-Proiect SRL, Moldova (contract amount ~ 16,5k EUR)	2,302.93	Due in January 2025
WORK_TAU_2024	Construction of the "Methodical-Didactic Training Center in Horticulture"	Technical architectural design under development. The Open Tender estimated to be launched in February 2025		
<b>Total implemented</b>			<b>254,407.16</b>	





**10. Agro-Industrial College from Ungheni (UNGHENI College), 2024-year activities:**

During 2024 year, PIU carried out the National tender and also executed the capital renovation works of the “Repair and maintenance of horticultural machinery” laboratory, including also the capital renovation of the whole first floor corridor and the sanitary room:





Overall Ungheni College's procurement plan implementation status (2020-2024):

Procurement/ contract No	Procurement Activity	Contract signed with:	Contract amount paid, EUR	Implementation Status:
<b>Total value of EIB financing: EUR 779,000</b>				
WORK_UNGH_2023	Capital renovation of "Repair and maintenance of horticultural machinery and equipment" laboratory+ first floor corridor and the sanitary rooms	Consmoern SRL, Moldova	172,859.00	Executed
DESIGN_TAU_UNGHENI_2022	Technical Design for the capital renovation of the "Repair and maintenance of horticulture machinery and equipment" laboratory	Geo-Cad-Proiect SRL	13,098.06	Implemented
GREEN_UNGHENI_2021	Building a greenhouse for didactic purposes	Green Property SRL, Moldova	101,580.79	Implemented
ICT_ASUM_2021A	ICT equipment for horticulture theoretical classroom	BTS Pro SRL, Moldova	3,147.52	Implemented
SUPPORT_CEVVC_UNGHENI_2022 (LOT2)	Support and anti-hail systems for 0,48ha of cherry orchard	Dilexis SRL	15,814.78	Implemented
ORCHARD_SEEDLINGS_2020	Establishment of a new 1,46ha fruits orchards (0,48 ha cherry orchard; 0,48 ha sour cherry orchard; 0,29 ha pear orchard; 0,07 ha blackberry plantation; 0,14 ha black currant plantation)	Vitis Cojusna SRL	3,976.49	Implemented
Proplant UNGHENI 2020	Prepare design for the new plantation	Pomiproconsult SRL	313.24	Implemented
LAB_ASUM_TUM_2019 (lots 1,4)	Weather station for practical lessons	SC Nitech SRL Romania (lot 4)	7,393.00	Implemented
AGRI_MACHINE_2021	Agriculture machinery with accessories	A.G.T. SPA	158,357.67	Implemented
TOOLS_UNGH_2023	Endowment of the "Horticulture machinery repair & maintenance" lab	To be implemented after the capital renovation works executed. Tender to be launched in February 2025		
<b>Total paid:</b>			<b>476,540.50</b>	









The implementation of the 6 new sub-projects approved by MOAFI in 2024 and EIB issued the allocation letters on November 29, 2024 (in the total value of EUR 5,832,000) will follow in 2025-2026 years. In Q4, 2024, the beneficiaries together with PIU began developing the technical specifications for the equipment to be procured, and also began developing the Technical designs for the future constructions.

Only for 1 new BF (National Center for Seed Research and Production), PIU managed in December 2024 to procure a telescopic front loader and a hydraulic lift, in the total value of EUR 86,731.92.





Investments in Public Infrastructure Component overall main achievements 2019-2024:

- 22 laboratories fully renovated and equipped with high-performance laboratory equipment, mechatronics equipment, laboratory furniture, chemical reagents and accessories – EUR 2,690,000;
- Thermal insulation of the building of the Faculty of Food Technology within the Technical University of Moldova. The works involved the installation of double-glazed windows on an area of 1600 m<sup>2</sup> and the thermal insulation of the entire building (~3100 m<sup>2</sup>). The insulation of the building led to considerable savings in heating the study block. Increased thermal comfort is ensured for approximately 800 students and 70 teaching staff from the Faculty of Food Technology – EUR 500,000;
- Construction of the hydroponic greenhouse within Ungheni College (320m<sup>2</sup>) – EUR 101,000;
- 28.5 ha of horticultural didactic plantations established – EUR 188,000;
- 6 institutions equipped with modern agricultural machineries and accessories, for practical and research work- EUR 1,030,000;
- Capital repair and endowment of the study block hall of the Food Technology Faculty within TUM – EUR 44,000;
- Endowment with furniture and household appliances the dormitory no. 8 for 115 students from the Svetlai College – EUR 110,000;
- Capital renovation and endowment of the Horticultural Information Center within the Faculty of Horticulture of the Agrarian State University of Moldova – EUR 300,000;
- Capital reconstruction of the Laboratory of Horticultural Machinery (900m<sup>2</sup>) within the Faculty of Agricultural Engineering and Transport, Agrarian State University – EUR 300,000;
- Endowment of the Microbiology Laboratory with laboratory furniture and equipment within the Grinauti College – EUR 49,000 EUR;
- Construction and endowment of the Green Bio Hub – a didactic greenhouse complex within TUM (total 1008 m<sup>2</sup>), including a water storage basin – EUR 244,000;
- Construction and endowment of the Technical Training Center in Agricultural Mechanics within Soroca College – EUR 697,000;
- Construction of the cold storage refrigerator for vine seedlings (396m<sup>2</sup>) within ISPHTA – EUR 440,000;
- Construction of the Didactic Horticultural Processing Station and Agricultural Machinery Maintenance (812m<sup>2</sup>) within Svetlai College – EUR 870,000;
- Construction of the Processing and Quality Control of Essential Oils Laboratory (215m<sup>2</sup>) within Rascani College – EUR 290,000;
- Construction of the Technical-Didactic Laboratory in Agricultural Mechanics within the Grinauti College - EUR 465,000;
- Procurement of a forklift and a telescopic front loader for the National Center for Seed Research and Production– EUR 87,000;

## IV. MONITORING ACTIVITIES

### 1. Key performance Project results

The role of financial services in increasing the competitiveness of the horticultural sector is very important because the modernization of the horticultural sector depends directly on the implemented financial services. The target of the Project is to create favourable conditions for development of whole value chain of horticultural sector of Republic of Moldova. **The activities have been financed within the Project are:**

1. *For the processing of horticultural products*
  - Purchase of equipment and machines for production, including laboratories;
  - Construction / renovation of production premises.
2. *For the growth of horticultural products*
3. *Investment in Green Energy*
4. *Investments in Irrigation Innovation Technology*
5. *Investment in processing of fruit, berries and nuts.*
6. *Agritourism and the beekeeping sector.*
7. *Restructuring and revitalization of unproductive plantations, planting new plantations*
  - Purchase of agricultural equipment, care and collection process
  - Weather forecast station, Metrologic systems.
  - Irrigation systems and Basin (reservoir) for groundwater accumulation for irrigation purpose
  - Installing Anti-frost systems, Anti-hail systems.
  - Support systems for vineyards plantations (PERGOLA System)
8. *Technological multifunctional equipment for horticultural sector*
  - Wine-making equipment.
  - Horticultural machinery and installation.
  - Combine for picking fruits.
  - Installations for washing, sorting, calibrating, packing of fruits, apples, vegetables
  - Drying equipment of horticultural products.
  - Oleaginous and aromatic (Spicy) plants harvesting machine
9. *Investment in post-harvest infrastructure development*
  - Construction/ renovation of production halls and processing capacities for horticultural products
  - Construction of wine production halls (wineries)
  - Construction of washing, sorting, packing halls of horticultural products and storage halls for agricultural machineries.
  - Construction of refrigerated halls equipped with refrigerating equipment, cold storage rooms with pre-cooling capacity for horticultural products (refrigeration installations)
  - Construction of hall for fruits and berries dehydration and drying process
10. *For related industries of horticultural sector.*

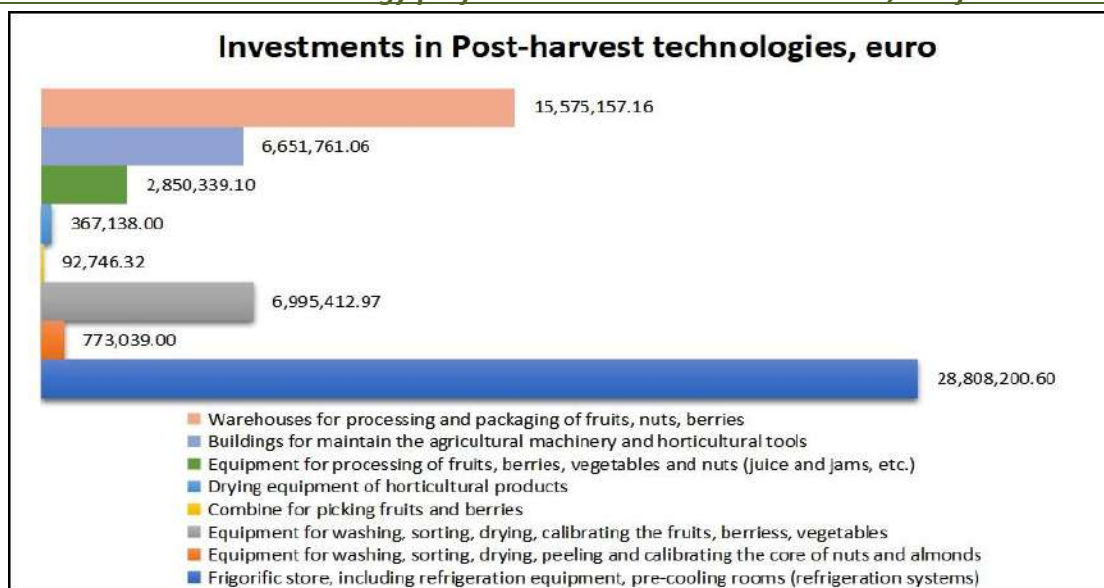
- Modernization of production processes of the machine for packaging / sorting / calibration accessories for the setting up of new plantations, etc

During the reported period 2016-2024, the Project beneficiaries invested in restructuring and development of horticultural sector, including investment and the **Key horticultural performance indicators** are presented in the tables below:

**Table 12. Horticultural sector Performance Indicators within Fruit Garden Project regarding Investments in Post-harvest technologies**

List of horticultural performance indicators	Total amount of sub-project,		Indicators quantity
	EUR	MDL	
<b>Investments in Post-harvest technologies:</b>	<b>62,113,794</b>	<b>1,276,438,470</b>	<b>181</b>
<i>Frigorific store, including refrigeration equipment, pre-cooling rooms (refrigeration systems)</i>	28,808,201	592,008,522	83
<i>Equipment for washing, sorting, drying, peeling and calibrating the core of nuts and almonds</i>	773,039	15,885,951	5
<i>Equipment for washing, sorting, drying, calibrating the fruits, berries, vegetables</i>	6,995,413	143,755,737	45
<i>Combine for picking fruits and berries</i>	92,746	1,905,937	3
<i>Drying equipment of horticultural products</i>	367,138	7,544,686	2
<i>Equipment for processing of fruits, berries, vegetables and nuts (juice and jams, etc.)</i>	2,850,339	58,574,468	4
<i>Buildings for maintain the agricultural machinery and horticultural tools</i>	6,651,761	136,693,689	20
<i>Warehouses for processing and packaging of fruits, nuts, berries</i>	15,575,157	320,069,480	19

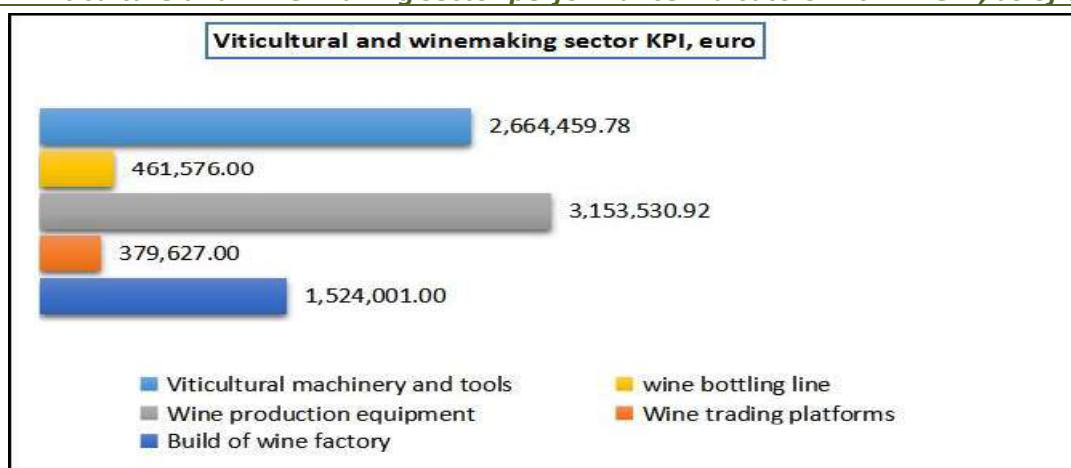
**Diagram 6. Post-harvest technology performance indicators within FGM, as of 31.12.2024, EUR**



**Table 13. Wine-making and Vineyards plantations established key performance Indicators within Fruit Garden Project**

List of horticultural performance indicators	Total amount of sub-project,	
	EUR	MDL
<b>Viticulture and wine-making sector KPI:</b>	<b>8,183,195</b>	<b>168,164,650</b>
<i>Build of wine factory</i>	<i>1,524,001</i>	<i>31,318,220</i>
<i>Wine trading platforms</i>	<i>379,627</i>	<i>7,801,335</i>
<i>Wine production equipment</i>	<i>3,153,531</i>	<i>64,805,060</i>
<i>Wine bottling line</i>	<i>461,576</i>	<i>9,485,387</i>
<i>Viticulture machinery and tools</i>	<i>2,664,460</i>	<i>54,754,648</i>

**Diagram 7. Viticulture and wine-making sector performance indicators within FGM, as of 31.12.2024**



**Table 14. Horticultural sector Performance Indicators within Fruit Garden Project regarding Vineyards plantations established**

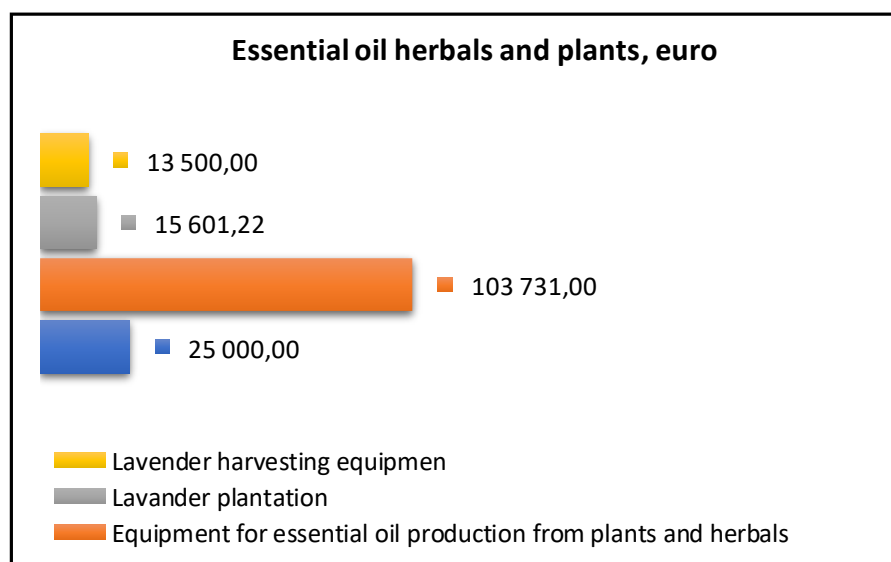
List of performance indicators	Indicators, ha	Total amount of sub-project, EUR	Total amount of sub-project, MDL
<b>Establish of vineyard plantations (ha)</b>	<b>1031.56</b>	<b>3,857,652</b>	<b>79,274,745</b>
<i>table grapes</i>	<i>811.33</i>	<i>1,292,537</i>	<i>26,561,645</i>
<i>technical varieties grapes</i>	<i>220.23</i>	<i>2,565,114</i>	<i>52,713,100</i>



**Table 15. Key Performance Indicators regarding Investments in technological multifunctional equipment for horticultural sector**

List of performance indicators	Total amount of sub-project, EUR	Total amount of sub-project, MDL
<b>Technological multifunctional equipment for Essential oil herbals and plants</b>	<b>157,832</b>	<b>3,243,452</b>
<i>Production buildings</i>	25,000	513,750
<i>Equipment for essential oil production from plants and herbals</i>	103,731	2,131,672
<i>Lavender plantation</i>	15,601	320,605
<i>Lavender harvesting equipment</i>	13,500	277,425

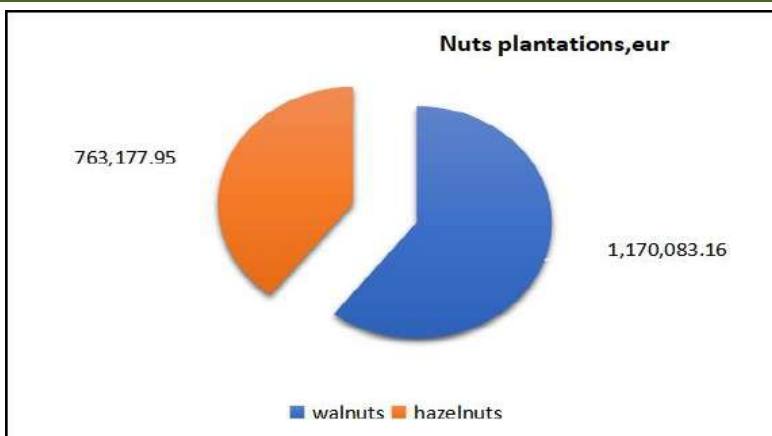
**Diagram 8. Essential oil plants sector performance indicators within FGM, as of 31.12.2024, EUR**



**Table 16. Horticultural sector Performance Indicators within Fruit Garden Project regarding Nuts plantations established**

List of performance indicators	Indicators, ha	Total amount of sub-project, EUR	Total amount of sub-project, MDL
<b>Nuts plantations established (ha), from which:</b>	<b>924</b>	<b>1,933,261</b>	<b>39,728,516</b>
<i>walnuts</i>	830	1,170,083	24,045,209
<i>hazelnuts</i>	94	763,176	15,683,307
<i>almonds</i>	-	0.00	0.00
<i>chestnuts</i>	-	0.00	0.00

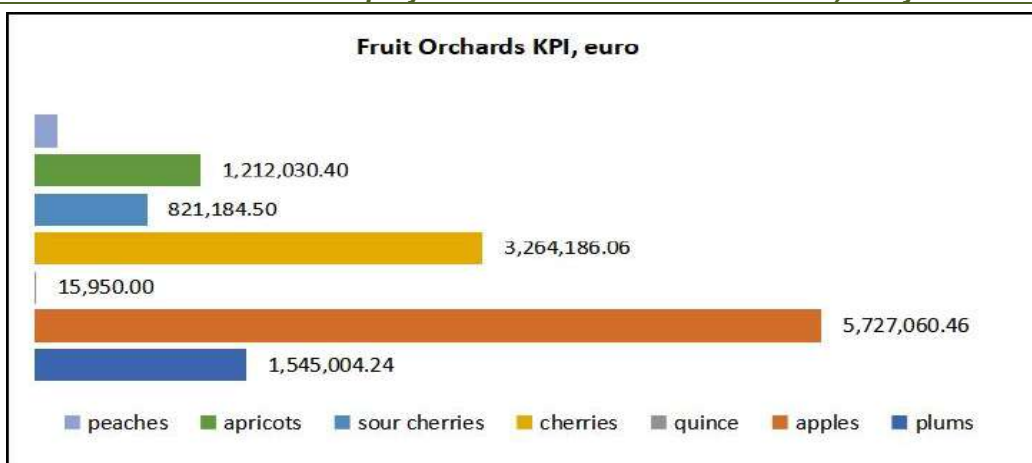
**Diagram 9. Nuts plantation sector performance indicators within FGM, as of 31.12.2024, EUR**



**Table 17. Key Performance Indicators within Fruit Garden Project regarding Orchards plantations established**

List of performance indicators	Indicators, ha	Total amount of sub-project, EUR	Total amount of sub-project, MDL
<b>Fruit Orchards:</b>	<b>2,256.80</b>	<b>12,751,744</b>	<b>262,048,333</b>
plums	527.14	1,545,004	31,749,837
apples	852.58	5,727,060	117,691,093
quince	7.00	15,950	327,772
cherries	-	-	-
sour cherries	439.18	3,264,186	67,079,023
apricots	134.24	821,185	16,875,342
peaches	134.79	1,212,030	24,907,225

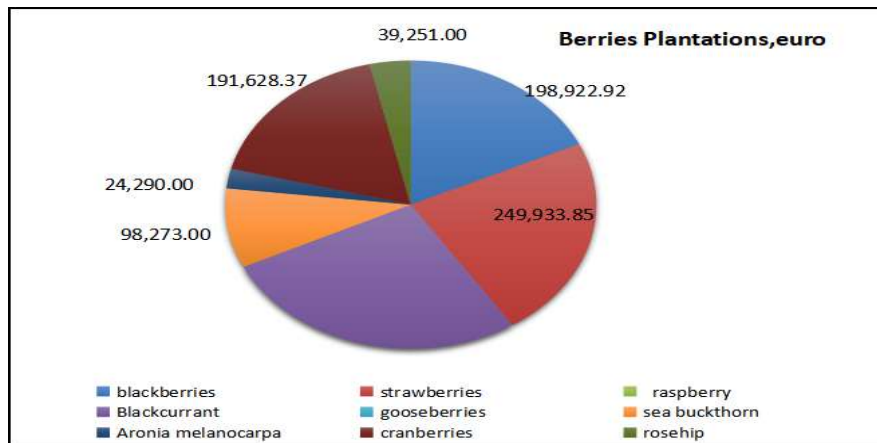
**Diagram 10. Fruit orchards sector performance indicators within FGM, as of 31.12.2024, EUR**



**Table 18. Key Performance Indicators within Fruit Garden Project regarding Berries plantations established**

List of performance indicators	Indicators, ha	Total amount of sub-project, EUR	Total amount of sub-project, MDL
<b>Berries plantations:</b>	<b>181.88</b>	<b>1,100,479</b>	<b>22,614,848</b>
<i>blackberries</i>	11.52	198,923	4,087,866
<i>strawberries</i>	37.93	249,934	5,136,141
<i>Blackcurrant</i>	-	-	-
<i>sea buckthorn</i>	60.60	298,180	6,127,601
<i>Aronia melanocarpa</i>	-	-	-
<i>cranberries</i>	37.76	98,273	2,019,510
<i>rosehip</i>	0.86	24,290	499,159

**Diagram 11. Berries orchards sector performance indicators within FGM, as of 31.12.2024, EUR**

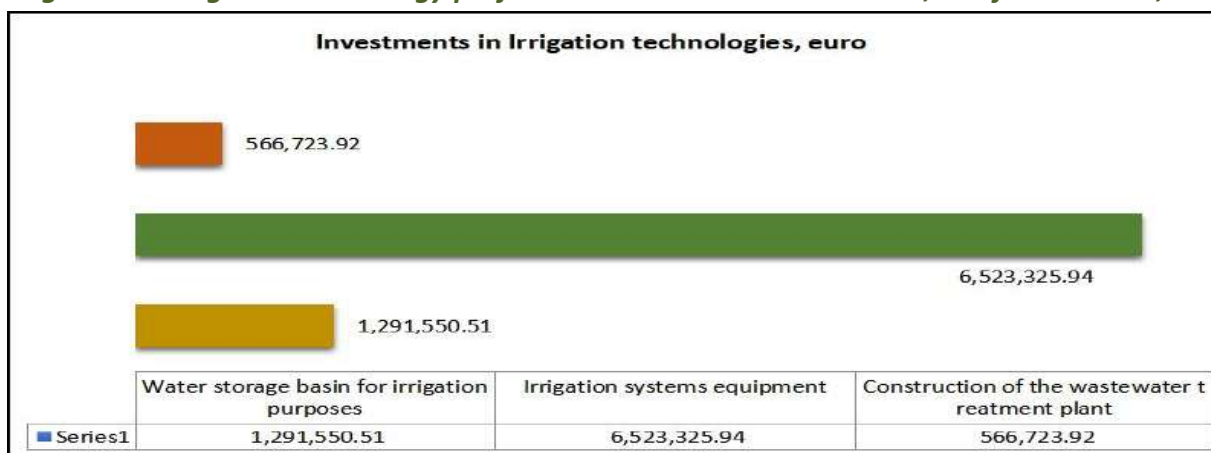


**Table 19. Key Performance Indicators within Fruit Garden Project regarding Investments in irrigation technology**

List of horticultural performance indicators	Total amount of sub-project,		Indicators		
	EUR	MDL	ha	Capacity, m3	quantity
<b>Investments in Irrigation technologies:</b>	<b>8,381,600</b>	<b>170,565,567</b>	<b>32,139</b>	<b>757,427</b>	<b>109</b>
<i>Water storage basin for irrigation purposes</i>	1,291,550	26,283,053		757,427	15
<i>Irrigation systems equipment</i>	6,523,325	132,749,683	32,139		91
<i>Construction of the wastewater treatment plant</i>	566,723	11,532,831			3



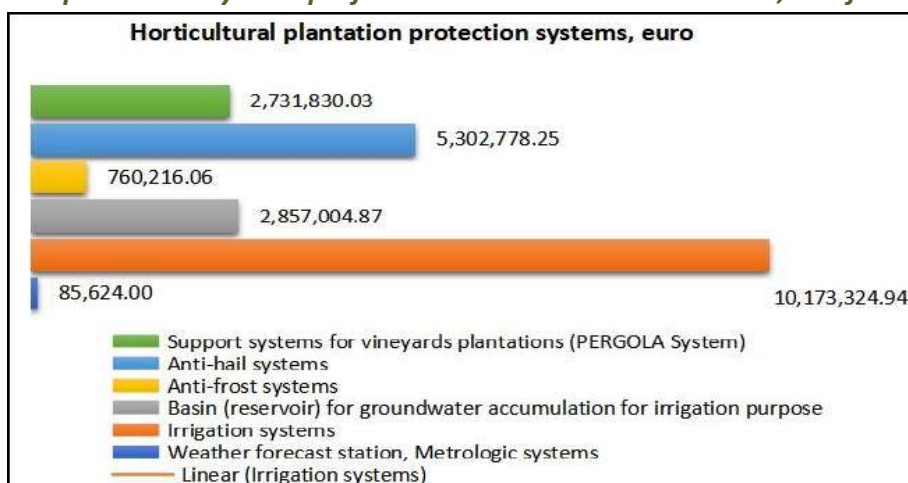
**Diagram 12. Irrigation technology performance indicators within FGM, as of 31.12.2024, EUR**



**Table 20. Key Performance Indicators within Fruit Garden Project regarding Investments in plantations protection and maintenance systems**

List of horticultural performance indicators	Total amount of sub-project,		Indicators	
	EUR	MDL	quantity	ha
<b>Orchard and horticultural plantation protection systems KPI:</b>	<b>21,910,778</b>	<b>450,266,491</b>	<b>211</b>	<b>820,636</b>
Weather forecast station, Metrologic systems	85,624	1,759,573	2	0
Irrigation systems	10,173,325	209,061,827	91	3,213,911
Basin (reservoir) for groundwater accumulation for irrigation purpose	2,857,004	58,711,450	16	757,428
Anti-frost systems	760,216	15,622,440	3	0
Anti-hail systems	5,302,778	108,972,093	71	30,733
Support systems for vineyards plantations (PERGOLA System)	2,731,830	56,139,107	28	335,821

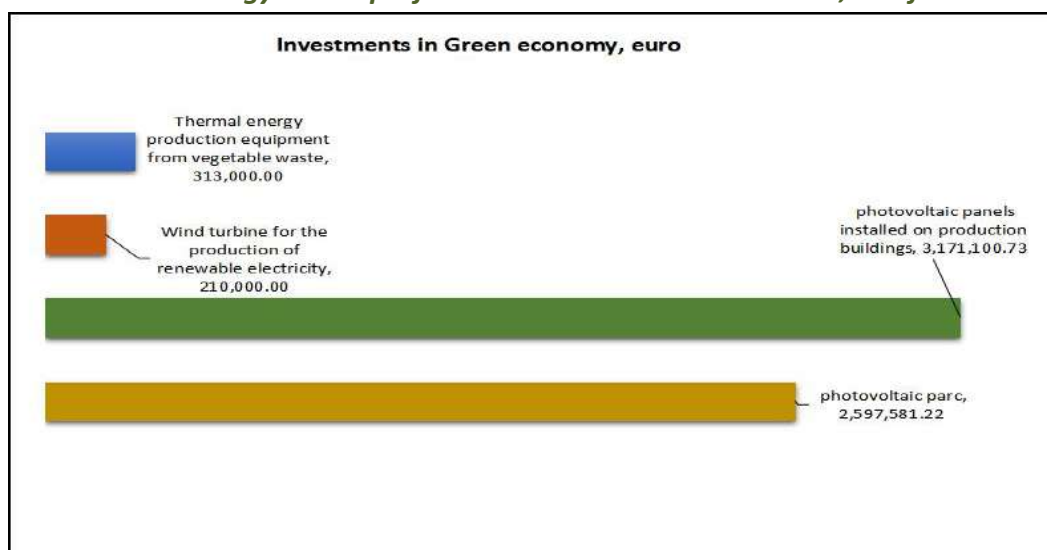
**Diagram 13. Plantation protection system performance indicators within FGM, as of 31.12.2024, EUR**



**Table 21. Key Performance Indicators within Fruit Garden Project regarding Investments in energy efficiency system for production of renewable energy purpose**

List of horticultural performance indicators	Total amount of sub-project,		capacity, kWp	quantity
	EUR	MDL		
<b>Investments in Green Energy:</b>	<b>6,291,682</b>	<b>123,762,228</b>		<b>579</b>
<i>photovoltaic parc</i>	2,597,581	52,860,778	2,690	17
<i>photovoltaic panels installed on production buildings</i>	3,171,101	64,531,900	3,461	559
<i>Wind turbine for the production of renewable electricity</i>	210,000			2
<i>Thermal energy production equipment from vegetable waste</i>	313,000	6,369,550		1

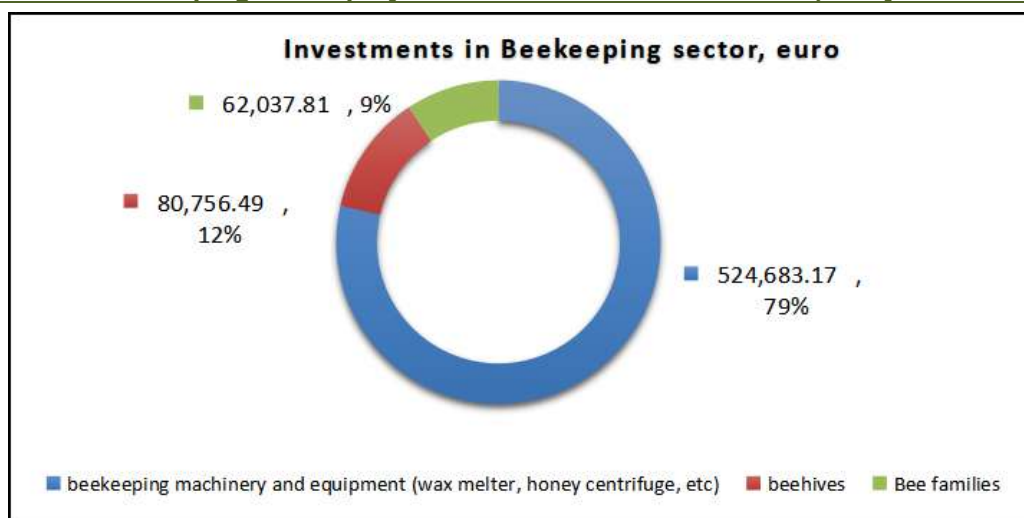
**Diagram 14. Green Energy sector performance indicators within FGM, as of 31.12.2024, EUR**



**Table 22. Key Performance Indicators within Fruit Garden Project regarding Investments in Beekeeping sector**

List of horticultural performance indicators	Total amount of sub-project,		Indicators
	EUR	MDL	quantity
<b>Investments in Beekeeping sector:</b>	<b>667,477</b>	<b>13,716,662</b>	<b>2,346</b>
<i>beekeeping machinery and equipment (wax melter, honey centrifuge, etc)</i>	524,683	10,782,239	6
<i>beehives</i>	80,756	1,659,546	1,170
<i>Bee families</i>	62,038	1,274,877	1,170

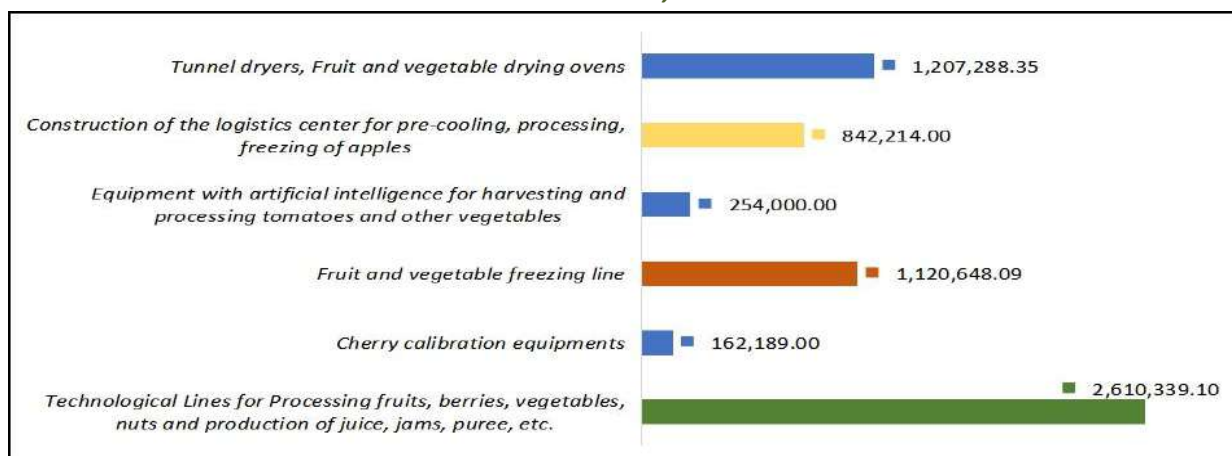
**Diagram 15. Beekeeping sector performance indicators within FGM, as of 31.12.2024, EUR**



**Table 23. Horticultural sector Performance Indicators within Fruit Garden Project regarding Processing plants development**

List of horticultural performance indicators	Total amount of sub-project,		quantity
	EUR	MDL	
<b>Processing plants development:</b>	<b>6,196,679</b>	<b>126,102,408</b>	<b>15.00</b>
<i>Technological Lines for Processing fruits, berries, vegetables, nuts and production of juice, jams, puree, etc.</i>	2,610,339	53,120,401	4.00
<i>Cherry calibration equipment</i>	162,189	3,300,546	1.00
<i>Fruit and vegetable freezing line</i>	1,120,648	22,805,189	3.00
<i>Equipment with artificial intelligence for harvesting and processing tomatoes and other vegetables</i>	254,000	5,168,900	1.00
<i>Construction of the logistics center for pre-cooling, processing, freezing of apples</i>	842,214	17,139,055	1.00
<i>Tunnel dryers, Fruit and vegetable drying ovens</i>	1,207,288	24,568,318	5.00

**Diagram 16. Processing of horticultural products sector performance indicators within FGM, as of 31.12.2024, EUR**





## **2. Monitoring activities within Credit Line Component**

### **Summary of Activities**

During the reporting period, the PIU undertook several activities to achieve the monitoring objectives. These actions demonstrate a proactive approach to ensuring transparency, accountability, and accuracy in monitoring investments made by beneficiaries. The process included collecting confirmative documents and conducting on-site visits to ensure thorough and effective monitoring practices. Success depended on diligent data collection, reliable documentation, and strategic selection of monitoring visit locations.

#### **Key Activities Conducted:**

1. Data Collection:
  - Gathered information and confirmative documents regarding beneficiaries' investments to assess their nature and extent.
2. On-Site Monitoring Visits:
  - Scheduled and conducted targeted on-site visits to verify information and address issues directly. Visits were prioritized based on necessity and specific circumstances.
3. Investment Monitoring:
  - Focused on diverse investments, including financial investments, infrastructure projects, and other beneficiary-supported activities.
  - Verified the eligibility of financing through EIB loans and assessed the beneficiary's contributions.
  - Inspected sub-project implementation progress and confirmed the installation of procured equipment.
4. Sub-Project Monitoring:
  - Assessed beneficiaries' cash contributions to maintain a 50%-50% co-financing ratio.
  - Monitored supply contracts financed through EIB loans.
  - Collected and analysed confirmative documents, including invoices, purchase agreements, contract amendments, and customs declarations.
  - Organized post-financing visits when necessary to evaluate sub-projects.

#### **Achievements in 2024:**

- Annual Monitoring Plan: Achieved 100% of the scheduled monitoring activities outlined in the FGM Annual Plan, covering 33 investment projects.
- Additional Monitoring: Monitored 37 investment projects, exceeding the planned target by addressing priority sub-projects.

**Table 24. Monitoring activity under Credit Line/Leasing Component (Post-Financing Monitoring the implementation of the sub-projects), Sub-Project Monitoring Overview:**

No.	Beneficiary	Sub-Sector	Implementation Period	Location
1	Vilora-V.S. LLC	Investments in planting, replanting and/or restructuring orchards and vineyards, including associated nurseries, as well as greenhouses	05.2020-12.2022	Briceni district, Stolniceni village
2	Bavasco-C LLC	Investments in planting, replanting and/or restructuring orchards and vineyards, including associated nurseries, as well as greenhouses	01.2018-12.2020	Stefan Voda district, Caplani village
3	Bavasco-C LLC II	Investments in planting, replanting and/or restructuring orchards and vineyards, including associated nurseries, as well as greenhouses	01.2020-12.2021	Stefan Voda district, Caplani village
4	Hathor LLC	Investments in planting, replanting and/or restructuring orchards and vineyards, including associated nurseries, as well as greenhouses	03.2021-12.2023	Hincesti district, Caracui village
5	Sermofarm LLC	Investments in planting, replanting and/or restructuring orchards and vineyards, including associated nurseries, as well as greenhouses	01.2020-06.2021	Riscani district, Sturzeni village
6	Tridenal LLC	Investments in planting, replanting and/or restructuring orchards and vineyards, including associated nurseries, as well as greenhouses	01.2019-06.2020	Criuleni district
7	Ecodream LLC	Investments in post-harvest infrastructure development	04.2020-07.2022	Hincesti district, Miresti village

8	Stabil-Natur LLC	Investments in planting, replanting and/or restructuring orchards and vineyards, including associated nurseries, as well as greenhouses	11.2019-06.2021	Stefan-Voda district, Talmaza village
9	Muncel-Agro LLC	Investments in planting, replanting and/or restructuring orchards and vineyards, including associated nurseries, as well as greenhouses	01.2020-05.2022	Briceni district, Corjeuti village
10	Novac Timofei PF	Investments in planting, replanting and/or restructuring orchards and vineyards, including associated nurseries, as well as greenhouses	11.2020-09.2021	Causeni district, Hagimus village
11	GDR Agro-SV LLC II	Investments in post-harvest infrastructure development	02.2020-12.2022	Anenii Noi district, Mereni village
12	Plaiul Birladean LLC II	Investments in planting, replanting and/or restructuring orchards and vineyards, including associated nurseries, as well as greenhouses	09.2020-04.2021	Ocnita district, Birladeni village
13	Unitech Engineering Solutions LLC	Related industries development	01.2019-12.2022	Chisinau city
14	Bivol Parascovia Nicolae PF	Investments in planting, replanting and/or restructuring orchards and vineyards, including associated nurseries, as well as greenhouses	04.2019-06.2021	Ialoveni district, Zimbreni village
15	Gabrina-Prim LLC	Investments in post-harvest infrastructure development	01.2019-12.2022	Straseni district, Codreanca village
16	Ciobanu Ana Valeriu PF	Investments in planting, replanting and/or restructuring orchards and vineyards,	04.2019-07.2022	Cantemir district, Tarancuta village

		including associated nurseries, as well as greenhouses		
17	Lidia-Plus LLC	Investments in post-harvest infrastructure development	10.2020-10.2022	Ocnita district, Unguri village
18	Turcanu Dumitru PF	Investments in post-harvest infrastructure development	02.2021-10.2021	Floresti district, Marculesti village
19	CotovAgro LLC	Investments in planting, replanting and/or restructuring orchards and vineyards, including associated nurseries, as well as greenhouses	06.2020-10.2021	Gagauzia district, Congaz village
20	Agrodital LLC	Investments in post-harvest infrastructure development	05.2020-05.2021	Briceni district, Cotiujeni village
21	Jumelia-Agro LLC	Investments in post-harvest infrastructure development	01.2020-12.2021	Briceni district, Colicauti village
22	Prime Line Fruct LLC	Investments in planting, replanting and/or restructuring orchards and vineyards, including associated nurseries, as well as greenhouses	11.2020-12.2022	Edinet district, Edinet city
23	Brinza Victoria Tudor PF	Investments in planting, replanting and/or restructuring orchards and vineyards, including associated nurseries, as well as greenhouses	06.2021-10.2021	Nisporeni district
24	Serebrian Svetlana Vladimir PF	Investments in post-harvest infrastructure development	03.2021-06.2022	Ocnita district, Unguri village
25	Vamilagro-Top LLC	Investments in post-harvest infrastructure development	03.2019-06.2022	Edinet district, Brinzeni village
26	Nucprod LLC	Investments in post-harvest infrastructure development	03.2019-06.2022	Edinet district, Brinzeni village



27	Almonds Company CoG	Investments in post-harvest infrastructure development	07.2019-09.2022	Gagauzia district, Comrat village
28	Exardiv-Com LLC	Investments in planting, replanting and/or restructuring orchards and vineyards, including associated nurseries, as well as greenhouses	06.2019-11.2021	Chisinau city, Revaca village
29	Popovici Nicolae PF	Investments in post-harvest infrastructure development	12.2019-09.2022	Anenii Noi district, Speia village
30	Codru-ST LLC III	Investments in planting, replanting and/or restructuring orchards and vineyards, including associated nurseries, as well as greenhouses	01.2019-11.2021	Straseni district, Bucovat village
31	MC-Cominvest LLC IV	Investments in planting, replanting and/or restructuring orchards and vineyards, including associated nurseries, as well as greenhouses	01.2019-04.2021	Straseni district, Romanesti village
32	Fruit Nurseries LLC	Investments in post-harvest infrastructure development	01.2019-09.2021	Straseni district, Bucovat village
33	Fresh Apple LLC	Investments in planting, replanting and/or restructuring orchards and vineyards, including associated nurseries, as well as greenhouses	04.2021	Briceni district, Halahora de Sus village
34	Agro Cainari CoG II	Investments in planting, replanting and/or restructuring orchards and vineyards, including associated nurseries, as well as greenhouses	05-2021	Causeni district, Cainari village
35	Prime Line Fruct LLC	Investments in planting, replanting and/or restructuring orchards and vineyards,	05-2021	Edinet district

		including associated nurseries, as well as greenhouses		
36	V.V. Elit Product LLC	Investments in post-harvest infrastructure development	05-2021	Straseni district
37	Babin Marian PF	Investments in planting, replanting and/or restructuring orchards and vineyards, including associated nurseries, as well as greenhouses	05-2021	Donduseni district, Braicau village

## V. PROJECT MANAGEMENT

In accordance to the Finance Contract signed with EIB on 31 July 2014, the established by the Promoter and existing PIU, for the implementation of the Filiere du Vin Upgrading Project continues to operate, manage, monitor and evaluate all aspects of the implementation of the Fruit Garden of Moldova Project, as provided in Article 6.08 of the FC.

Also, it is provided that the entire management, coordination and responsibility for Project implementation lie within the following institutions:

- Ministry of Agriculture and Food Industry (Promoter);
- Council of Observers for Consolidated Unit for Implementing and Monitoring the Wine Sector Restructuring Project;
- Consolidated Unit for Implementing and Monitoring the Wine Sector Restructuring Project (PIU);
- Credit Line Directorate - Office for External Assistance Programs Management under Ministry of Finance.

The Ministry of Agriculture and Food Industry of RM, being Promoter due to the provisions of the Finance Contract, has the overall responsibility for the Project implementation.

**Council of Observers** for Consolidated Unit for Implementing and Monitoring the Wine Sector Restructuring Project, established by the Government Decree and chaired by the Minister of Agriculture and Food Industry, represents the body of approval of the overall Filiere du Vin and Fruit Garden Projects operations in the country.

The main responsibilities thereof are the follows:

- To approve Regulation of procedures for selection of beneficiaries;
- To attract additional resources to ensure the institution's activity;

- To establish the maximum number of credits to be granted without prior coordination with the Council.

The overall management of the Project lies within the responsibility of the PIU, established by the Government Decision, entrusted with the responsibility for the implementation activities, coordination, including financial management.

In 2024, the PIU exercised its responsibilities in terms of:

- project implementation in technical and financial terms, as well as supervision of overall activities thereof;
- elaboration of the annual work plan and budgets with continuous improvement thereof;
- procurement under the project's components as per the 2021 working plan and budget;
- monitoring and evaluation of the Project's impact in compliance with Project performance indicators which will enable Project impact assessment;
- preparation of progress reports, with continuous improvement thereof;
- Providing assistance for final beneficiaries.

## **1. Reporting and Budgeting**

During the reported period PIU prepared and submitted the following reports:

- Financial Reports due to deadlines and formats established by the national legislation to State Local Authorities (MoF, Fiscal Authority, social insurance authority, etc.);
- Annual Progress Report for 2024 addressed to EIB, and PIU' Council of Observers;
- According to the national legislation, PIU prepared for the MoAFI and MoF the several forecasts and plans.
- Project proposals for the State Budget Law 2025.

## **2. Promotion and visibility activities**

During the 2024 year, continued organizing important communication and visibility campaigns for promoting, sharing and disseminating the FGM investment opportunities and activities, in order to keep the horticulture sector and livestock sector informed, increase the knowledge about the Project, generate visibility among different stakeholders regarding the success stories, results and achievements of already implemented investments under Fruit Garden Project and raise awareness of the whole horticulture industry and livestock sector of the future innovative and digital investment opportunities, etc. The visibility campaigns were organized through the main communication channels: direct communication (consultancy), Social media (Facebook informative campaigns/ spots), FGM website ([www.livada-moldovei.md](http://www.livada-moldovei.md)), printing materials (brochures, leaflets, posters) newsletters, press releases, mass media channels, video spots, conference participation, fairs' participation, webinars, workshops, informative meetings and events with commercial banks and potential beneficiaries, etc.

## **1. Visibility events and campaigns through Social media:**

- Informative campaign for promoting and disseminating the news about extension of the Fruit Garden Project. The information was distributed during whole the following message: New eligibility criteria for agriculture business.

- Preparation and launch of the communication and visibility campaign " Livestock sector " - smart investments for a sustainable agriculture. IMPACT: 25150 views, 100 phone calls received, 50 people interested in applying.

- Carrying out the promotion and visibility campaign "Why should you become a student at educational institutions with an agricultural profile". IMPACT: 22150 views.

- Running the promotion and visibility campaign "we are building EUROPEAN educational institutions", Ungheni College, Soroca College, Grinauti College, Rascani College, Svetlii College, Center for Excellence in Horticulture and Agricultural Technologies in Taul, Center of Excellence in Viticulture and Winemaking from Chisinau, National Center for Seed Research and Production, Scientific-Practical Institute of Horticulture and Food Technologies, Scientific-Practical Institute of Biotechnologies in Animal Husbandry, Veterinary Medicine, Institutul de Genetică, Fiziologie și Protecție a Plantelor and College of Veterinary Medicine and Agrarian Economics from Bratuseni.

## **2. Success stories:**

### **• Video report broadcast on TV Moldova 1**

The construction and equipment of the technical-didactic center in agricultural mechanics at the Agricultural Technical College in Soroca has been completed. EUR 787,000 are invested in the construction and equipment of the Technical-didactic Center in Agricultural Mechanics at the Agricultural Technical College in Soroca. The center is made available to students of the college and economic agents in Soroca. It is equipped with the necessary equipment and furniture, indispensable for the smooth conduct of the training process. The center has three laboratories: welding, maintenance of large-capacity agricultural equipment and maintenance of small-capacity agricultural equipment, and a study room. Over 440 students from 5 specialties of the Agricultural Technical College in Soroca will benefit from modern study conditions that will be adapted to European quality standards and corresponding to the curricular requirements suggested by economic agents in the private sector.

- **Video report broadcast on SOR TV** - The construction and equipment of the technical-didactic center in agricultural mechanics at the Agricultural Technical College from Soroca has been completed

### **Success stories:**

- *Artur Gramadschi* – sold his house in the city to invest in a sheep farm.

- The administrator of *SRL "Agrofermplus"* manages 426 ha of cereal crops. On these areas he cultivates sunflower, wheat and corn. In order to streamline the harvesting process, he purchased a high-performance combine with a power of 333 hp and a harvesting capacity of about 80 t in 8 hours. The combine, being of the latest generation, allows for the total avoidance of harvesting losses and offers particularly favorable working conditions for employees. To purchase the combine, the



entrepreneur accessed, with the support of the Fruit Garden Project, implemented by the Ministry of Agriculture and Food Industry, a loan of almost 4 million lei, also coming with his own contribution of over MDL 4,280,000

- The achievements of the beneficiaries of the Fruit Garden project, implemented by the Ministry of Agriculture and Food Industry. SRL "Gaia-Investment" from Bucovăț, Strășeni district contracted a loan of EUR 900,000 and came up with its own contribution of over EUR 946,000 to install the most advanced cherry sorting and packaging line, but also to build the entire value chain for collecting, storing and marketing cherries and other horticultural products.

## **2. Article publications**

- Approximately EUR 340,000 are invested in the rehabilitation and endowment of the Agroindustrial College in Riscani.

- The construction of the Technical-didactic center in agricultural mechanics at the Agricultural Technical College from Soroca was finished.

- At the College of Veterinary Medicine and Agrarian Economics in Brătușeni, within the framework of the Fruit Garden project, implemented by the Ministry of Agriculture and Food Industry, the "Center for Training and Consulting in the Veterinary Zoo Field" is to be created.

- The investments of EUR 870,000 will be directed to the construction of a teaching farm with about 30 heads of dairy cows and the rehabilitation of laboratories with zoo technical specialization.

- The construction works of the refrigerator at the Scientific-Practical Institute of Horticulture and Technologies have been completed. The works of connection to the electricity, sewage, water and landscaping networks follow. The refrigerator with an area of 490 m<sup>2</sup> is intended for the storage of vine ropes and vine cuttings.

- At the Agroindustrial College "Gheorghe Răducan" in Grinauti, the construction of the modern building that will incorporate the laboratories: "Agricultural Mechanics", "Maintenance and Repair of Agricultural Machinery", "Welding and Forging". The building is equipped with changing rooms and toilets.

- The horticultural production processing and agricultural machinery maintenance station at the Svetlâi Agricultural Technical College is to be put into operation by the end of this year. It is also planned to connect it to the heating medium. The procedures for purchasing refrigeration equipment for the refrigerator in the resort have been initiated and the specifications for organizing the tender for the purchase of an apple sorting and packaging line are being developed.

## **3. Official public events organized**

- EIB Vice-President Tereza Czerwinska, accompanied by Mr. Alberto Carlei, Director of the EIB Office in the Republic of Moldova, carried out a documentation and monitoring visit to UTM - Technical University of Moldova. Tereza Czerwinska, Vice-President of the European Investment Bank, appreciated the major impact of the investments made within the Fruit Garden Project, implemented by the

Ministry of Agriculture and Food Industry, at the Faculty of Agricultural, Forestry and Environmental Sciences, at the Technical University of Moldova.

- For the construction and equipment of the Technical and Educational Center in Agricultural Mechanics at the Agricultural Technical College in Soroca, 787 thousand EURs are invested. The center is made available to the students of the college and economic agents in Soroca. It is equipped with the necessary equipment and furniture, indispensable for the smooth conduct of the training process. The center has three laboratories: welding, maintenance of large-capacity agricultural equipment and maintenance of small-capacity agricultural equipment, and a study room.

- The construction and equipment of 3 teaching greenhouses at UTM has been completed. 243 thousand EURs were invested for the construction of teaching greenhouses, with an area of 1000 m<sup>2</sup>, built within the Fruit Garden Project, implemented by the Ministry of Agriculture and Food Industry, at the Faculty of Agricultural, Forestry and Environmental Sciences, at the Technical University of Moldova.

#### ***4. Exhibitions, fairs participation***

"Fruit Garden" project participated at the MOLDAGROTECH, held on May 21- 25, 2024. The most diverse models of agricultural machinery and equipment, modern technologies, including digitalization, intensive crop growth, fertilizers, as well as seed material, are presented at the international specialized exhibition MOLDAGROTECH 2024. Farmers who want to develop a prosperous business will find state-of-the-art technologies in all areas at the exhibition: irrigation and water supply, soil improvement, as well as equipment for greenhouses, packaging, transportation, storage, etc.

