
President's memorandum
Proposed additional financing to
Republic of South Sudan
Sustainable Agricultural Development Project

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Action: The Executive Board is invited to approve the recommendation for the proposed additional financing contained in paragraph 47.

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For more information on the project, please visit
<https://www.ifad.org/en/w/projects/2000004864>

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Financing summary

Initiating institution:	IFAD
Borrower/recipient:	Republic of South Sudan
Executing agency:	Ministry of Agriculture and Food Security
Total project cost:	US\$41.8 million
Amount of original IFAD Debt Sustainability Framework grant:	US\$9.8 million
Amount of additional IFAD Debt Sustainability Framework grant:	US\$10.8 million
Cofinancier(s):	Global Environment Facility/Least Developed Countries Fund (GEF/LDCF); African Development Bank (AfDB)
Amount of cofinancing:	GEF/LDCF: US\$8.93 million AfDB: US\$9.5 million (parallel financing)
Terms of cofinancing:	GEF: Grant AfDB: Parallel cofinancing through the Climate-Resilient Agrifood Systems Transformation Project
Contribution of borrower/recipient:	US\$1.17 million
Contribution of participants:	US\$1.6 million
Amount of original IFAD climate finance:¹	US\$6.2 million
Amount of additional IFAD climate finance:²	US\$6.3 million (of which US\$0.8 million is a climate top-up)
Cooperating institution:	IFAD

¹ Includes climate resilience.

² Includes climate resilience.

I. Background and project description

A. Background

1. The Sustainable Agricultural Development Project (SADEP) was approved by the IFAD Executive Board in September 2024 (EB 2024/142/R.7), and the financing agreement entered into force on 17 March 2025, with a project completion date of 31 March 2032 and a closing date of 30 September 2032.
2. SADEP's total financing at approval was estimated at US\$40.80 million, including IFAD original financing of US\$9.8 million in the form of a Debt Sustainability Framework grant from the Twelfth Replenishment of IFAD's Resources (IFAD12) performance-based allocation system (PBAS), US\$8.93 million from the Global Environment Facility/Least Developed Countries Fund, and US\$9.5 million in parallel financing from the African Development Bank. Domestic cofinancing includes approximately US\$1.17 million from the Government of South Sudan and an estimated in-kind contribution equivalent to US\$1.6 million from the participants. SADEP was designed with a financing gap of US\$9.8 million. The Ministry of Agriculture and Food Security is the lead implementing agency for SADEP.
3. Effective 1 January 2025, the Government was allocated a total of US\$10.8 million, on grant terms, from the PBAS and core additional climate contributions under IFAD13, of which US\$10 million is the regular PBAS allocation and US\$0.8 million is a climate top-up. It is noted that IFAD's resources are meant to support investments aligned with IFAD's mandate and with the recipient government's priorities, particularly with regard to achieving the Sustainable Development Goals, building the prosperity and resilience of rural communities, and strengthening food systems. Climate top-ups, funded by core additional climate contributions, are meant to be wholly used for climate finance to support eligible climate adaptation and mitigation activities.
4. On 5 May 2026, the Government submitted an expression of interest in utilizing the entire allocation of US\$10.8 million to cover the SADEP financing gap and to increase SADEP's climate resilience through the construction of additional kilometres of climate-proofed community access roads.

B. Original project description

5. SADEP's goal is to contribute to enduring peace and reduced poverty and its development objective is to enhance resilience³ and food security for target communities.
6. SADEP interventions focus on fisheries and sorghum-based production systems through the following components: (i) enhanced climate-adaptive production, productivity and availability of nutritious food; (ii) enhanced community infrastructure and post-harvest management capacity; (iii) institutional strengthening, policy support and project coordination; and (iv) response to emergency and disaster.
7. SADEP's outcomes are as follows: (i) increased production, productivity and availability of nutritious foods; (ii) enhanced community infrastructure and post-harvest management capacity for sorghum-based systems and fisheries; and (iii) strengthened institutional capacities and rural sector coordination.

II. Rationale for additional financing

A. Rationale

8. SADEP was designed with a full set of activities whose effective implementation would contribute to achieving its goal and development objective. However, the available funds were not enough to cover all the needed financial resources.

³ Includes climate resilience.

Accordingly, SADEP was designed with a financing gap. At the time of SADEP design, it was expected that the financing gap of US\$9.8 million might be sourced through subsequent PBAS cycles, under financing terms to be determined and subject to internal procedures and subsequent Executive Board approval, or through cofinancing identified during implementation.

9. The additional financing of US\$10.8 million will be used to cover the US\$9.8 million financing gap in its entirety, with the remaining US\$1 million to be used to further increase the climate resilience of selected community access roads, consistent with SADEP's original design. South Sudan's agricultural transformation is significantly constrained by inadequate rural connectivity. Poor road infrastructure remains one of the principal barriers limiting access to agricultural inputs, extension services, aggregation centres, processing facilities and markets. During the rainy season, many productive areas become partially or completely inaccessible due to flooding, erosion, damaged drainage structures and prolonged waterlogging, resulting in high transport costs, post-harvest losses and reduced market participation by rural producers.
10. The activities supported by the additional financing will contribute to SADEP's objectives and are well aligned with the project design. All these activities were vetted as part of the SADEP review and approval process, and their respective financial and economic viability was established.
11. It is, however, noted that SADEP's implementation start-up was delayed by a protracted recruitment process for the third-party implementing agency (TPIA). The implementing agency has now been recruited, and project implementation began on 20 July 2026. The project met its disbursement conditions in May 2026, and US\$344,449 (3.5 per cent of the IFAD financing) has already been disbursed. In addition, the implementing agency's key personnel were recruited as a mandatory requirement of the competitive selection process, ensuring implementation readiness and enabling rapid commencement of activities.

Special aspects relating to IFAD's corporate mainstreaming priorities

12. In line with IFAD's mainstreaming commitments, the project has been validated as:
 - ☒ Including climate finance
 - ☒ Nutrition-sensitive
 - ☒ Youth-sensitive
 - ☒ Build adaptive capacity
13. At design, SADEP was validated as championing the above four mainstreaming themes. The same mainstreaming priorities will be maintained for the additional financing.
14. **Environment and climate.** South Sudan faces significant environment and climate challenges because livelihoods are heavily dependent on climate-sensitive sectors. According to the Notre Dame Global Adaptation Initiative (ND-GAIN), approximately 95 per cent of the population relies on agriculture, fishing and forestry, making communities particularly vulnerable to climate-related shocks such as droughts and flooding. Recent climate disasters have contributed to worsening food insecurity and increased pressure on natural resources.⁴
15. The rate of deforestation and environmental degradation has been increasing over time. General circulation model projections indicate that temperatures may increase by 0.6–1.7°C by 2030 and by 1.1–3.1°C by 2060 relative to the baseline period of 1961–1990. Furthermore, future rainfall projections for the years 2010–2039 show reductions of over 150 mm. The frequency of droughts and floods is predicted to increase. The environmental and social risk classification of SADEP is assessed as substantial. The environment and social management framework has

⁴ ND-GAIN. 2025. [ND-GAIN Adaptation Brief: South Sudan](#).

been developed to guide implementation and prevent negative effects on the environment and social systems.

16. **Nutrition.** Despite a multitude of preventive efforts by various actors over the past decade, acute food insecurity has increased, and women and children in particular continue to suffer from unacceptably high levels of malnutrition. Based on the latest national projections by the Integrated Food Security Phase Classification for 2026, 7.8 million people – around 55 per cent of the population – are facing high levels of acute insecurity (Phase 3 and above), up by 280,000 from 2025, with 2.2 million children aged 6.59 months acutely malnourished, up by around 100,000 from 2025. The number of people classified as in Emergency (Phase 4) and Catastrophe (Phase 5) has also increased and now stands at 2.5 million and 73,000, respectively.⁵ Acute malnutrition levels exceed the World Health Organization emergency threshold of 15 per cent, with most counties reporting levels above this threshold. Recent data also reveal a lack of progress in reducing the prevalence of anaemia among women of reproductive age, which remains persistently high at 35.6 per cent. The maternal malnutrition rate is also significant, and 35 per cent of women aged 15–49 are underweight.
17. **Youth.** South Sudan has the highest proportion of young people in the world, with a median age of 19 years; 74 per cent of the population is younger than 24 years. South Sudanese youth have low educational attainment, which hinders their economic participation, and are also affected by the widespread violence that has existed in the country for a number of years. As a result, South Sudan, with a score of 0.3, ranks second lowest on the Human Capital Index, behind only Chad. Unemployment in South Sudan is estimated at 11 per cent of the population as a whole, while youth unemployment is estimated at 50 per cent and it continues to rise, exacerbated by the low levels of education, limited skills and a weak economy.

B. Description of geographical area and target groups

18. **Project area.** SADEP's geographical targeting strategy focuses on areas with high poverty prevalence, relative security and economic potential in the sorghum, groundnuts, sesame and fisheries value chains. It also considers counties with significant food and nutrition vulnerabilities and aims to leverage partnerships with other development actors. The selected counties are Terekeka (Central Equatoria), Mundri West (Western Equatoria), Mvolo (Western Equatoria) and Bor (Jonglei). This approach consolidates IFAD's investments for greater impact.
19. **Target group.** SADEP aims to reach rural agricultural and fishing households through producers' organizations. The target groups include the poorest and the most food-insecure and malnourished households and vulnerable people with limited access to assets and economic opportunities due to social exclusion and climate change. These individuals will participate in sorghum and fisheries producers' groups, such as village savings and loan associations, cooperatives, and savings and credit cooperative organizations.

C. Components, outcomes and activities

20. SADEP's structure will remain the same with respect to the original components/outcomes, as described in section I.B above. The financing gap was identified at design. As such, the activities to be financed remain unchanged.
21. However, it is recognized that the IFAD13 PBAS allocation to South Sudan of US\$10.8 million is US\$1 million more than the financing gap of US\$9.8 million. It is also noted that the additional financing includes a climate top-up of US\$0.8 million. Accordingly, US\$1 million of the additional financing will be used to strengthen the climate resilience of community access roads under activity 2.1.3. The investment will specifically finance the rehabilitation of strategic roads so that they meet climate-resilient standards, including improved drainage systems, culverts, erosion

⁵ Integrated Food Security Phase Classification. 2026. [South Sudan: Acute Food Insecurity Projection Update for April – July 2026](#).

control measures, raised embankments in flood-prone sections, slope protection works and other engineering measures designed to withstand increasingly frequent flooding and extreme weather events. These interventions will ensure year-round access to markets and services, reduce disruptions to agricultural value chains and protect productive investments supported under SADEP.

22. Experience from implementation of the ongoing South Sudan Livelihoods Resilience Programme has demonstrated that the original road rehabilitation unit cost assumptions applied during SADEP's original financing design are no longer realistic under current market conditions and engineering requirements. Based on recent procurement and implementation experience, a revised rehabilitation cost of approximately US\$50,000 per kilometre, up from US\$45,000 per kilometre, has been adopted. The additional financing will therefore serve both to support the application of realistic climate-proofed road construction standards and to modestly expand the overall road network reached by the project. The additional kilometres of community access roads to be rehabilitated will contribute to increased outreach; this is reflected in the revised logical framework.⁶

D. Costs, benefits and financing

23. **Project costs.** The total cost for SADEP, including price and physical contingencies over a seven-year implementation period, is estimated at US\$41.8 million. The investment costs have been estimated at US\$34.7 million (89 per cent of the base costs), and recurrent costs are estimated at US\$4.3 million (11 per cent of the base costs). Price and physical contingencies are estimated at US\$2.6 million (US\$1.4 million and US\$1.2 million, respectively).
24. The additional financing of US\$10.8 million will fully cover the financing gap identified at design (US\$9.8 million). The remaining US\$1 million will be allocated to priority rural infrastructure, particularly community access roads, by increasing the total length of roads to be rehabilitated from 50 km to 64 km. This expansion responds to high demand and the need to improve connectivity in additional participant areas, while remaining fully aligned with the original project design and development objectives.
25. Component 1 (enhanced climate-adaptive production, productivity and availability of nutritious food) has been allocated US\$11.8 million, equivalent to 28 per cent of the total costs. Component 2 (enhanced community infrastructure and post-harvest management capacity) has been allocated US\$17.9 million, equivalent to 43 per cent of the total costs. The allocation for component 3 (institutional strengthening, policy support and project coordination) is US\$12.1 million, equivalent to 29 per cent of the total costs. SADEP was designed with a response to emergency and disaster component to mitigate risks, with a potential allocation of up to US\$0.980 million, equivalent to 5 per cent of the IFAD funds.
26. Project subcomponent 1.2 (sustainable and climate-smart nutrition-sensitive production systems) is fully counted as climate finance. As per the multilateral development banks' methodologies for tracking climate change adaptation and mitigation finance, the total amount of IFAD climate finance for SADEP is estimated at US\$12.5 million (61 per cent of the IFAD financing), including the original US\$6.2 million and the additional US\$6.3 million.

⁶ The assumption used is that each kilometre rehabilitated will benefit 75 households with an average household size of six people.

Table 1
Original and additional financing summary
 (Thousands of United States dollars)

	<i>Original financing</i>	<i>Additional financing</i>	<i>Financing gap</i>	<i>Total</i>
IFAD	9 800	10 800		20 600
GEF/LDCF	8 932			8 932
AfDB	9 500			9 500
Participant contribution	1 600			1 600
Government of South Sudan	1 168			1 168
Financing gap	9 800		(9 800)	-
Total	40 800	10 800	(9 800)	41 800

Table 2
Additional financing: project costs by component and subcomponent and financier
 (Thousands of United States dollars)

<i>Component[/subcomponent]</i>	<i>Additional IFAD financing</i>		<i>Total</i>	
	<i>Amount</i>	<i>%</i>	<i>Amount</i>	<i>%</i>
1. Enhanced climate-adaptive production, productivity and availability of nutritious food				
1.1 Community-led planning and prioritization	239	100	239	2
1.2 Sustainable and climate-smart nutrition-sensitive production systems	2 911	100	2 911	27
2. Enhanced community infrastructure and post-harvest management capacity				
2.1 Community-led and resilient rural infrastructure	1 584	100	1 584	15
2.2 Capacity-building and inclusive post-harvest technologies and practices	1 463	100	1 463	14
3. Institutional strengthening, policy support and project coordination				
3.1 Institutional strengthening and policy support	1 112	100	1 112	10
3.2 Project coordination and management	3 492	100	3 492	32
Response to emergency and disaster (lump sum to be allocated in case of emergency)				
Total	10 800	100	10 800	100

Table 3
Additional financing: project costs by expenditure category and financier
 (Thousands of United States dollars)

<i>Expenditure category</i>	<i>Additional IFAD financing</i>		<i>Total</i>	
	<i>Amount</i>	<i>%</i>	<i>Amount</i>	<i>%</i>
Investment costs				
Works	1 000	100	1 000	9
Consultancies	3 153	100	3 153	29
Equipment and materials	66	100	66	1
Goods, services and inputs	1 642	100	1 642	15
Training and workshops	3 355	100	3 355	31
Total investment costs	9 217	100	9 217	85
Recurrent costs				
Operation and maintenance	287	100	287	3
Salaries and allowances	1 297	100	1 297	12
Total recurrent costs	1 583	100	1 583	15
Total	10 800	100	10 800	100

Table 4

Project costs by component and project year (PY)

(Thousands of United States dollars)

Component/subcomponent	2025		2026		2027		2028		2029		2030		2031		Total	
	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%
1. Enhanced climate-adaptive production, productivity and availability of nutritious food																
1.1 Community-led planning and prioritization	711	37	723	37	256	13	176	9	77	4	-	-	-	-	1 942	5
1.2 Sustainable and climate-smart nutrition-sensitive production systems	1 097	11	2 111	21	1 995	20	2 052	21	831	8	1 112	11	708	7	9 897	24
2. Enhanced community infrastructure and post-harvest management capacity																
2.1 Community-led and resilient rural infrastructure	139	1	4 393	33	1 956	15	3 308	25	3 083	23	301	2	-	-	13 179	32
2.2 Capacity-building and inclusive post-harvest technologies and practices	462	10	1 497	32	469	10	1 089	23	894	19	239	5	41	0.9	4 691	11
3. Institutional strengthening, policy support and project coordination																
3.1 Institutional strengthening and policy support	52	1	1 949	50	534	14	540	14	384	10	269	7	138	4	3 867	9
3.2 Project coordination and management	1 558	19	1 025	12	1 072	13	1 323	16	1 119	14	1 039	13	1 087	13	8 224	20
Response to emergency and disaster (lump sum to be allocated in case of emergency)																
Total	4 020	10	11 698	28	6 282	15	8 488	20	6 378	15	2 960	7	1 975	5	41 800	100

Financing and cofinancing strategy and plan

27. SADEP's financing and cofinancing includes IFAD financing of US\$9.8 million (24 per cent of the total costs); the additional financing of US\$10.8 million will fully cover the financing gap identified at design (US\$9.8 million), with the remaining US\$1 million to be used to rehabilitate climate-resilient community access roads. Cofinancing from GEF/LDCF is estimated at US\$8.93 million (22 per cent of the total costs). The AfDB parallel financing for the project is estimated at US\$9.5 million (23 per cent of the total costs), to be provided through the Climate-Resilient Agrifood Systems Transformation Project. Cofinancing from the Government is estimated at about US\$1.17 million (3 per cent of the total costs), and the in-kind contribution of the target participants is estimated at about US\$1.6 million (4 per cent of the total costs).
28. **Disbursement.** The disbursement procedures will remain largely consistent with those anticipated at design, except that IFAD will disburse funds directly to the implementing partner, in line with the approach adopted by other IFAD projects and other international financial institutions. The flow of funds arrangements under the original financing will also follow this same approach. The Ministry of Agriculture and Food Security will open and maintain separate designated bank accounts in United States dollars, along with a corresponding operating account in South Sudanese pounds (SSP) at a commercial bank acceptable to IFAD to receive funds from IFAD. The implementing partner will open and maintain separate bank accounts in United States dollars to receive funds from IFAD and GEF. The implementing partner will have an adequate chart of accounts to segregate IFAD and GEF sources and the use of funds from other projects and financiers. Service providers will open and maintain separate accounts to receive funds from the implementing partner.
29. Report-based disbursement will be the mechanism used by the Ministry of Agriculture and Food Security and the implementing partner to withdraw funds from IFAD. Disbursements will be based on submission of quarterly interim financial reports. The Ministry of Agriculture and Food Security will be responsible for the submission of all withdrawal applications.
30. Parallel cofinancing will be provided by AfDB, with which the Government will enter into a separate financing agreement. Funds will flow through AfDB to project

accounts opened by the Ministry of Agriculture and Food Security (single project coordinating unit [SPCU]) for the AfDB funds.

31. Neither IFAD nor GEF funds will be used for the payment of taxes or duties.

Summary of benefits and economic analysis

32. The original project design targeted 18,700 households (with 112,200 household members). This number has been revised upward by 1,050 to 19,750 households (118,500 members), primarily because of the additional 14 km of community access roads to be rehabilitated, which will expand the project coverage (see section II.C for details). About half of the households will be headed by men and about half by women. The cost per household has been estimated at US\$1,635 and the cost per household member at US\$273. SADEP is projected to yield an economic internal rate of return of 26 per cent, with a positive economic net present value of US\$21.8 million, equivalent to SSP 2.83 billion (US\$1 = SSP 130). This implies that SADEP will be a viable investment. A sensitivity analysis has been undertaken to test the robustness of the overall project analysis and measure different variations due to unforeseen factors and relevant risks presented in the integrated project risk matrix. The results of the sensitivity analysis indicate that SADEP remains economically and financially viable under the various assumptions considered.

Exit strategy and sustainability

33. SADEP's exit strategy and the sustainability of successful interventions will rely on: (i) a community-driven development (CDD) approach, which ensures that project activities align with community needs and priorities; and (ii) the involvement and capacity-building of government institutions at the national, state and county levels. These institutions will be involved in preparing annual workplans and budgets, overseeing activity implementation and monitoring implementation progress. Their capacities will be strengthened in various ways. For example, the TPIA will be required to work through government front-line extension agents; the capacities of these extension agents will be augmented to ensure their effective participation. The expected operation, maintenance and management of all the project infrastructure will be overseen by community committees, whose capacities will also be strengthened.

III. Risk management

A. Risks and mitigation measures

34. Risk categories assessed as high are country context, institutional capacity and financial management, while risks related to project scope, sector strategies and procurement are assessed as substantial. The following are identified as the highest-risk areas related to the additional financing that could affect implementation and the achievement and sustainability of development outcomes:
 - (i) **Political commitment.** The 2018 Revitalized Agreement on the Resolution of the Conflict in the Republic of South Sudan remains the principal framework for peace and political transition in South Sudan, although implementation has been slow. Presidential elections, originally scheduled for December 2024, were postponed and are now planned for December 2026. The postponement has contributed to continued political uncertainty and a volatile operating environment. To mitigate these risks, SADEP will maintain close coordination with the Government, humanitarian actors and the United Nations system, drawing on established security analysis and early warning mechanisms to inform implementation decisions. The project's modular, community-driven implementation approach provides operational flexibility, enabling activities to be sequenced, adapted or temporarily paused in response to evolving conditions. During the initial implementation phase, emphasis will be placed on lower-risk, high-readiness activities that can be implemented with limited disruption – including community mobilization, cluster identification, and planning and capacity-building led by the TPIA.

Activities with greater exposure to election-related risks, particularly community access road rehabilitation and other infrastructure investments, will be initiated as early as operationally feasible and adjusted as necessary should the security situation deteriorate.

- (ii) **Fragility and security.** In South Sudan, political, social and economic marginalization and ethnic divisions, corruption and power struggles have historically resulted in tensions. This situation has given rise to conflict, the breakdown of governance structures and law and order, and the disruption of community institutions that support livelihoods. There are also ongoing inter-community conflicts due to competition for natural resources. The country is vulnerable to natural disasters (drought, floods) and plagues of desert locust, which have devastating food security implications. Mitigation measures include use of the CDD approach, which fosters community governance and cohesion; adaptive programming with scenario-based planning, which enhances responsiveness to security risks in different locations; and compliance with security standards and engagement of and supervision by the TPIA during volatile periods.
- (iii) **Governance.** South Sudan struggles with a high level of corruption and ranks among the world's most corrupt nations on Transparency International's Corruption Perceptions Index. Despite efforts to improve transparency and accountability since the country gained independence in 2011, its anticorruption framework remains weak. Capacity and system deficits in public sector institutions hinder the effective implementation of projects such as SADEP, and these deficits are compounded by a lack of established standards for financial reporting. Additionally, the incomplete decentralization policy adds complexity, potentially affecting coordination between central and local governments. These challenges highlight the hurdles facing initiatives in navigating South Sudan's governance landscape. In the short term, this risk is being mitigated by implementing the project through a TPIA. In the long term, IFAD and other development partners will work with the Government to strengthen capacity in public sector institutions.
- (iv) **Implementation arrangements.** The Ministry of Agriculture and Food Security lacks the necessary capacity and systems to effectively manage the project in line with the financing agreement and relevant IFAD documents. This risk will be mitigated through the use of a TPIA. In addition, the CDD approach will empower communities to plan and execute investments, with operational and management capacities developed at local levels. In addition, IFAD will continue to organize targeted capacity-building initiatives to enable the Ministry of Agriculture and Food Security to manage and supervise the project.

IFAD has agreed that the National Audit Chamber will audit the project, following the World Bank approach used for the SPCU. The limited practical independence and capacity of the National Audit Chamber may lead to delayed or lower-quality audit reports, potentially affecting financial oversight and compliance with international standards, but this risk will be mitigated through ongoing technical assistance from the World Bank to gradually strengthen audit quality, with IFAD providing regular feedback on the audit reports and guidance on its auditing requirements.
- (v) **Vulnerability to climate change.** Rural populations in South Sudan face significant vulnerability to climatic hazards, particularly erratic rainfall patterns and droughts, which can result in disasters. This poses a risk to the project, as participants may be unable to fully engage in long-term productive investments, potentially impacting project outcomes. The use of the CDD approach will empower communities to identify climate-resilient

livelihood options, enhancing their ability to withstand extreme weather events.

- (vi) **Implementation readiness and start-up delay.** The 16-month delay between effectiveness and project launch, resulting from the protracted period required to recruit the TPIA, has reduced the implementation period available before the original completion date of 31 March 2032. This risk will be mitigated by the immediate deployment readiness of the TPIA, as key personnel were recruited as part of the competitive selection process and reviewed by IFAD during technical evaluation. In addition, the SPCU is fully staffed, and key technical groundwork, including the national drought plan and the climate risk analysis and vulnerability assessment, has been completed. Enhanced implementation support will be provided through monthly IFAD–SPCU review meetings and a first supervision mission, scheduled for September 2026.

B. Environment and social category

- 35. SADEP's environmental and social risk is classified as substantial, consistent with the original design. The project poses potential risks to biodiversity conservation, resource efficiency, pollution prevention and cultural heritage, but the impacts are expected to be generally minor or moderate in nature and often confined to small areas or temporary in duration. Although there are potential impacts on vulnerable people, and labour and working conditions, these are either minor or well regulated, indicating a moderate risk. While there is possibility of negative impacts on community health and safety, these are expected to be manageable within the project's scope. SADEP specifically targets women and young people, indicating an awareness and mitigation of social risks related to these groups.

C. Climate risk classification

- 36. The climate risk classification for SADEP is substantial. This classification is based on various factors assessed through a multi-step process. The project area is expected to face multiple climate-related hazards, such as floods, landslides, cyclones, water scarcity, extreme heat and wildfires. SADEP is located in areas exposed to weather-related natural hazards, including tropical and semi-arid zones and riverbanks. However, as a mitigation measure, SADEP seeks to enhance the resilience of communities and ecosystems to the adverse impacts of climate change. It includes investments in climate-adaptive agricultural practices and technologies to help communities better manage and withstand climatic stresses such as droughts, floods and variable rainfall. The project will support the development of climate-resilient water infrastructure, such as multiple water use systems that are designed to provide water for irrigation, livestock and domestic use.

IV. Implementation

A. Compliance with IFAD policies

- 37. There are no changes to the objectives or outcomes of the project. The project structure also remains unchanged.

B. Organizational framework

Management and coordination

- 38. SADEP's organizational framework and governance will not be changed for the additional financing. The Ministry of Agriculture and Food Security will remain the lead implementing agency for SADEP and will work through an implementation structure established at the national, state and county levels. The ministry will use the existing SPCU to ensure overall coordination and implementation of the SADEP activities undertaken with the additional financing. Technical implementation of these activities will be the responsibility of the TPIA.

39. The existing governance structure will provide oversight of the implementation of SADEP activities supported by the additional financing. This structure comprises the National Advisory Committee and the National Technical Committee.

Financial management, procurement and governance

40. Financial management will remain largely as designed, with the exception of direct disbursement of funds by IFAD to the implementing partner and the external audit to be conducted by the National Audit Chamber. The procurement and governance arrangements will remain unchanged. The Ministry of Agriculture and Food Security, as the lead implementing agency, will oversee fiduciary management and will coordinate procurement management through the SPCU, consistent with the original design. All procurement documentation issued to bidders will include and comply with the relevant safeguard provisions.

C. Monitoring and evaluation, learning, knowledge management and strategic communication

41. The original planning, monitoring and evaluation arrangements will be used for the additional financing activities. SADEP's monitoring and evaluation system will be based on the logical framework and will incorporate project-specific indicators and IFAD core indicators to guide continuous performance assessment of the project. The monitoring and evaluation system will continue to track both physical and financial progress, along with progress being made towards achieving set targets. The system will serve as a key management tool.
42. The system will use information collected by project staff, service providers/ implementing partners (for outputs) and core outcome indicator surveys (for outcomes) and will be managed through the project management information system. All data will be disaggregated by sex and age.

D. Proposed amendments to the financing agreement

43. The signed financing agreement will be amended to reflect the additional amount that IFAD will be contributing, as per cost table 2. The additional financing will be allocated as shown in table 3. The financing agreement will reflect any consequential changes to the implementation, funding flow, disbursement, financial reporting and audit arrangements that may be required. The remaining provisions of the financing agreement will continue to apply.

V. Legal instruments and authority

44. The financing agreement between the Republic of South Sudan and IFAD will constitute the legal instrument for extending the proposed additional financing to the recipient. The signed financing agreement will be amended following approval of the additional financing.
45. The Republic of South Sudan is empowered under its laws to receive financing from IFAD.
46. I am satisfied that the proposed additional financing will comply with the Agreement Establishing IFAD and the Policies and Criteria for IFAD Financing.

VI. Recommendation

47. I recommend that the Executive Board approve additional financing in terms of the following resolution:

RESOLVED: that the Fund shall provide a Debt Sustainability Framework grant to the Republic of South Sudan in an amount of ten million eight hundred thousand United States dollars (US\$10,800,000) and upon such terms and conditions as shall be substantially in accordance with the terms and conditions presented herein.

Alvaro Lario
President

Updated Logical Framework Incorporating the Additional Financing

Results Hierarchy	Indicators						Means of Verification			Assumptions
	Name	Baseline	Mid-Term	End Target	AF Target	Revised End target	Source	Frequency	Responsibility	
Outreach	1 Persons reached by project-supported activities						Progress report	6 months	Implementing Agencies	50% of persons receiving project support are women 50% of persons receiving project support are men 40 % of persons receiving project support are the youth (50% of them are women). A youth is defined as a person aged between 16 and 35 (inclusive). HHs that receive project support are 30% female headed 6 members on average in one HH . CARs are assumed to benefits 75 households per kilometre. All household members are assumed to benefit directly from the road infrastructure.
	Males - Males		4675	9350	5050	14400				
	Females - Females		4675	9350	5050	14400				
	Young - Young people		3740	7480	4040	11520				
	Total number of persons receiving services - Number of people		9350	18700	10100	28800				
	Persons with disabilities - Number		468	935	505	1440	Progress report	6 months	Implementing Agencies	
	1.a Corresponding number of households reached									
	Women-headed households - Households		2805	5610	315	5925				
	Non-women-headed households - Households		6545	13090	735	13825				
	Households - Households		9350	18700	1050	19750				
	1.b Estimated corresponding total number of households members						Progress report	Annually	SADEP - PMU/IA	
	Household members - Number of people		56100	112200	6300	118500				
Project Goal Contribute to enduring development and peace by improving food and nutrition security and reducing poverty among women, youth and rural communities	Households with increased resilience						Resilience Scorecard Tool (RDMT) surveys	Baseline and endline	SADEP-PMU/IA	Government of national unity will continue to be effective for peace and stability to continue prevailing; Continued Government commitment and implementation of the reforms agenda under Revitalized Peace Agreement; Investments in climate resilient infrastructure and agricultural technologies promote increased production; Increased income is used on household improvements
	Percentage of Households - Percentage (%)		25	60		60				
Development Objective Contribute to Enhanced	20% reduction in food insecurity measured through Food insecurity experience scale (FIES)						Progress report	Mid-term/endline	Implementing Agencies	A 20% reduction assumed from the current FIES

Results Hierarchy	Indicators				AF Target	Revised End target	Means of Verification			Assumptions
	Name	Baseline	Mid-Term	End Target			Source	Frequency	Responsibility	
resilience, food and nutrition security and reduced poverty	FIES (Moderate) - Percentage (%)		10	20		20				
Outcome Outcome 1: Increased production, productivity and availability of nutritious foods	3.2.2 Households reporting adoption of environmentally sustainable and climate-resilient technologies and practices						COI Survey	Base line, Mid-term surveys, completion	SADEP - PMU/IA	Assuming all target beneficiaries will be supported with climate friendly technologies. Nutrition awareness will be carried out to all target beneficiaries. 50% of those that receive targeted production support interventions and adopt them. Assuming production on 1 ha piece of land and assuming 50% of post-harvest losses.
	Total number of household members - Number of people		33660	67320		67320				
	Households - Percentage (%)		50	60		60				
	Households - Households		5610	11220		11220				
	1.2.9 Households with improved nutrition Knowledge Attitudes and Practices (KAP)						COI Survey	Base line, Mid-term surveys, completion	SADEP - PMU/IA	
	Households (number) - Households		5610	11220		11220				
	Households (%) - Percentage (%)		30	60		60				
	Household members - Number of people		33660	67320		67320				
	1.2.4 Households reporting an increase in production						COI Survey	Base line, Mid-term surveys, completion	SADEP - PMU/IA	
	Total number of household members - Number of people		16830	33660		33660				
	Households - Percentage (%)		25	50		50				
	Households - Households		2805	5610		5610				
	Percentage increase in yields of supported value chains						Outcome surveys	Annually	SADEP - PMU/IAs	
	Average Increase - Percentage (%)		17	56		56				
	Sorghum - Percentage (%)		10	33		33				
	Sesame - Percentage (%)		19	64		64				
	Ground Nuts - Percentage (%)		21	71		71				
	Fishing - Percentage (%)		28	91		91				
	Value added fish - Percentage (%)		5	17		17				
Output Output 1.1 Capacity for community driven planning	Community Driven Development Plans Developed						Progress reports/MIS	Annually	SADEP - PMU/IA	
	CPs - Number		263	526		526				
	Community groups capacity built							Annually	SADEP - PMU/IA	

Results Hierarchy	Indicators				AF Target	Revised End target	Means of Verification			Assumptions
	Name	Baseline	Mid-Term	End Target			Source	Frequency	Responsibility	
and prioritization developed	Number of community groups receiving capacity building support. - Number		263	526		526	Progress reports/MIS			
Output Output 1.2 Climate adaptive, nutrition sensitive agriculture and sustainable fisheries practices and technologies developed and promoted	3.1.4 Land brought under climate-resilient practices						Progress reports/MIS	Annually	SADEP - PMU/IA	Communities will be engaged in the plantation of tree seedlings. Assuming the groups are 25members are in size. All targeted beneficiaries will be targeted with nutrition awareness activities. 70% of these are assumed to be sorghum-based systems producers and 30% fisher folks.
	Hectares of land - Area (ha)		10000	20000		20000				
	3.1.1 Groups supported to sustainably manage natural resources and climate-related risks						Service providers reports, project M/E data and report	Supervision missions, Annual reports MTR, completion	Services providers and IA	
	Total size of groups - Number of people		9350	18700		18700				
	Groups supported - Groups		374	748		748				
	Males - Males		4675	9350		9350				
	Females - Females		4675	9350		9350				
	Young - Young people		3740	7480		7480				
	1.1.8 Persons provided with targeted support to improve their nutrition						Service providers reports, project M/E data and report	Supervision missions, Annual reports MTR, completion	Services providers and IA	
	Total persons participating - Number of people		9350	18700		18700				
	Males - Males		4675	9350		9350				
	Females - Females		4675	9350		9350				
	Households - Households		9350	18700		18700				
	Household members benefitted - Number of people		56100	112200		112200				
	Young - Young people		3740	7480		7480				
	1.1.4 Persons trained in production practices and/or technologies					0	Progress reports/MIS	Annually	SADEP - PMU/IA	
	Men trained in crop - Males		3273	6545		6545				
	Women trained in crop - Females		3273	6545		6545				
	Young people trained in crop - Young people		2618	5236		5236				
	Men trained in fishery - Males		1403	2805		2805				
	Women trained in fishery - Females		1403	2805		2805				
	Young people trained in fishery - Young people		1122	2244		2244				

Results Hierarchy	Indicators						Means of Verification			Assumptions
	Name	Baseline	Mid-Term	End Target	AF Target	Revised End target	Source	Frequency	Responsibility	
	Total persons trained in crop - Number of people		6546	13090		13090				
	Total persons trained in fishery - Number of people		2806	5610		5610				
Outcome Outcome 2 Enhanced Community Infrastructure and Post-Harvest Management capacity	Households reporting improved physical access to sorghum based systems and fish based infrastructure						Outcome surveys	Baseline, Midline and Completion	SADEP - PMU/IA	Assuming 25% of the supported organizations will improve value and quality of products. 25% of supported beneficiaries are assumed to be new jobs. 105 women and 105 youth groups within Pos will be supported to acquire/access threshers /shellers on cost sharing basis and offer services to the POs members and as businesses.
	Households reporting improved physical access to sorghum-based system infrastructure - Number		2301	4603		4603				
	Households reporting improved physical access to sorghum-based system infrastructure - Percentage (%)		18	35		35				
	Size of Households - Sorghum based systems - Number		13808	27615		27615				
	Households reporting improved physical access to Fish based infrastructure - Number		1403	2805		2805				
	Households reporting improved physical access to Fish based infrastructure - Percentage (%)		8	15		15				
	Size of Households - Fish based - Number		8415	16830		16830				
	2.2.5 Rural producers' organizations reporting an increase in sales									
	Number of Rural POs - Organizations		66	132		132				
	Total number of POs members - Number		1644	3288		3288				
	Women PO members - Number		822	1644		1644				
	Men PO members - Number		822	1644		1644				
	Young PO members - Number		658	1315		1315				
	2.2.1 Persons with new jobs/employment opportunities						COI Survey			

Results Hierarchy	Indicators						Means of Verification			Assumptions
	Name	Baseline	Mid-Term	End Target	AF Target	Revised End target	Source	Frequency	Responsibility	
	Males - Males		1169	2338		2338		Base line, Mid term surveys, completion	Implementation Agencies	
	Females - Females		1169	2338		2338				
	Young - Young people		935	1870		1870				
	Total number of persons with new jobs/employment opportunities - Number of people		2338	4676		4676				
	Reduction in post harvest Losses						Reduction in post harvest Losses			
	Reduction Percentage - Percentage (%)	0	15	50		50				
Output Output 2.1:Appropriate and inclusive climate resilient community infrastructure developed	1.1.2 Farmland under water-related infrastructure constructed/rehabilitated						Progress reports/MIS	Annually	SADEP-PMU/IAs	
	Hectares of land - Area (ha)		50	100		100	Progress reports/MIS	Annually	SADEP-PMU/IAs	
	Climate resilient community infrastructure developed									
	Water points - Number	0	10	20		20				
	Fish drying racks - Number	0	150	300		300				
	Energy efficient ovens - Number	0	30	60		60				
	fish tent dryers - Number	0	10	20		20				
	Kilometers of roads - Number	0	25	50	14	64				
Output Output 2.2:Appropriate climate adapted and nutrition sensitive Postharvest technologies and practices promoted and adopted	2.1.2 Persons trained in income-generating activities or business management						Service providers reports, project M/E data and report	Supervision missions, Annual reports MTR, completion	Services providers and IA	Assuming 25 members in the 526POs targeted for support
	Males - Males		3288	6575		6575				
	Females - Females		3288	6575		6575				
	Young - Young people		2630	5260		5260				
	Persons trained in IGAs or BM (total) - Number of people		6576	13150		13150				
	2.1.3 Rural producers' organizations supported						Progress reports/MIS	Annually	SADEP-PMU/IAs	
	Total size of POs - Organizations		6576	13150		13150				
	Rural POs supported - Organizations		263	526		526				
	Males - Males		3288	6575		6575				
	Females - Females		3288	6575		6575				
	Young - Young people		2630	5260		5260				
Outcome Outcome 3: Strengthened institutional capacities and rural sector coordination	Policy 3 Existing/new laws, regulations, policies or strategies proposed to policy makers for approval, ratification or amendment						National statistics from Ministry of Justice, MOA,	Annual, MTR and completion	SADEP - PMU/IAs	New agriculture, rural development and climate action policies are approved (A)
	Number - Number		2	4		4				

Results Hierarchy	Indicators				AF Target	Revised End target	Means of Verification			Assumptions
	Name	Baseline	Mid-Term	End Target			Source	Frequency	Responsibility	
							National Assembly			
	SF.2.1 Households satisfied with project-supported services						COI Surveys	Annual, MTR and completion	SADEP - PMU/IAs	
	Household members - Number of people		42075	84150	4725	88875				
	Households - Percentage (%)		38	75	75	75				
	Households - Households		7013	14025	788	14813				
	SF.2.2 Households reporting they can influence decision-making of local authorities and project-supported service providers						COI Surveys	Annual, MTR and completion	SADEP - PMU/IAs	
	Household members - Number of people		28050	56100	3150	59250				
	Households - Percentage (%)		25	50	50	50				
	Households - Households		4675	9350	525	9875				
Output Output 3.1: Institutional and policy capacity for rural development and coordination strengthened	Policy 1 Policy-relevant knowledge products completed						National statistics from Ministry of Justice, MOA, National Assembly	Annual, MTR and completion	NSPCU	
	Number - Knowledge Products		3	6		6				
Output Output 3.2: Efficient and Effective Project Management	Supported Government Institutions						Project reports - AI and SPCU	Annual, MTR and completion	NSPCU	
	Institutions - Number		3	7		7				

Updated summary of the economic and financial analysis

Table A
Financial cash flow models

A) Financial analysis							
Project Year	Farm models' net incremental benefits (in SSP)						
	Sorghum model	Sesame model	Groundnut models	Fish Model	Fish Value Addition model	Ice making model	Groundnut processing
PY1	(10,420)	(23,980)	(13,760)	(350,000)	(113,365)	(4,446,000)	(176,533)
PY2	(1,780)	(160)	17,950	108,000	83,698	4,854,000	56,230
PY3	8,360	9,700	48,660	252,000	93,710	6,954,000	56,230
PY4	21,500	68,640	94,440	348,000	93,710	7,654,000	56,230
PY5	20,000	67,140	92,940	549,600	93,710	7,654,000	56,230
PY6	21,500	68,640	94,440	549,600	93,710	7,654,000	56,230
PY7	20,000	67,140	92,940	549,600	93,710	7,654,000	56,230
PY8	21,500	68,640	94,440	549,600	93,710	7,654,000	56,230
PY9	20,000	67,140	92,940	549,600	93,710	7,654,000	56,230
PY10	21,500	68,640	94,440	549,600	93,710	7,654,000	56,230
PY11	20,000	67,140	92,940	549,600	93,710	7,654,000	56,230
PY12	21,500	68,640	94,440	549,600	93,710	7,654,000	56,230
PY13	20,000	67,140	92,940	549,600	93,710	7,654,000	56,230
PY14	21,500	68,640	94,440	549,600	93,710	7,654,000	56,230
PY15	20,000	67,140	92,940	549,600	93,710	7,654,000	56,230
PY16	21,500	68,640	94,440	549,600	93,710	7,654,000	56,230
PY17	20,000	67,140	92,940	549,600	93,710	7,654,000	56,230
PY18	21,500	68,640	94,440	549,600	93,710	7,654,000	56,230
PY19	20,000	67,140	92,940	549,600	93,710	7,654,000	56,230
PY20	21,500	68,640	94,440	495,600	93,710	7,654,000	56,230
IRR	77%	89%	229%	74%	79%	132%	32%
NPV (SSP) @6%	178,560	583,021	868,452	4,635,773	870,578	73,295,959	425,366
B/C Ratio	2.23	3.34	2.97	3.18	1.21	3.57	1.14
Return to Family Labour (SSP)	1,188.3	2,139.4	2,162.3	6,563.3	4,101.9	N/A	2,274.3

Table B
Project costs and logframe targets

PROGRAMME COSTS AND INDICATORS FOR LOGFRAME		
TOTAL PROGRAMME COSTS (in million USD)		
Number of household members	118,500	People
Cost per individual	273	US\$/Person
Number of household	19,750	HHs
Cost per household	1,635	US\$/HHs
Number of women receiving project support - 50%	9,875	HHs
Number of women receiving project support - 50%	9,875	HHs
Components and Cost (USD million)		
A. EnhancedClimate-Adaptive Production, Productivity and Availability of Nutritious Food.	8.1	US\$ million
B. Enhanced Community Infrastructure and Post-Harvest Management capacity	16.2	US\$ million
C. Institutional and Policy Strengthening, Project Coordination and	8.0	US\$ million
Total	32.3	US\$ million

Table C
Main assumptions and shadow prices

MAIN ASSUMPTIONS & SHADOW PRICES					
FINANCIAL		Yields (Annually) Kg			
	Model	Unit of measure	WOP	WP	Price (SSP)
	Sorghum model	Kg	900	1,200	100
	Sesame model	Kg	550	900	200
	Groundnut models	Kg	700	1,200	150
	Groundnut processing	Kg	N/A	2,040	400
	Fish Model	Kg	10,000	15,000	70
	Fish Value Addition model	Kg	4,224	4,950	200
	Ice making model	Kg	-	490,000	20
Economic	Conversion Factor - Goods	0.91	Discount rate for Financial Analysis		6.0%
	Labour Conversion Factor	0.88	Discount rate for Economic Analysis		12.0%
	Unemployment Rate	12.00%	VAT rate on imports		0.18

Table D
Beneficiary adoption rates and phasing

Household Phasing	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Total
No. of Beneficiaries Phased by Year	19,750	1,662	5,462	4,792	3,685	2,367	1,782	-	
Cumulative Number of Households	1,662	7,124	11,916	15,601	17,968	19,750			19,750
Adoption Rate	60%								
Beneficiary Aggregation									
Beneficiaries in Y1	997	3,277	2,875	2,211	1,420	1,069			
Beneficiaries in Y2		997	3,277	2,875	2,211	1,420	1,069		
Beneficiaries in Y3			997	3,277	2,875	2,211	1,420	1,069	
Beneficiaries in Y4				997	3,277	2,875	2,211	1,420	1,069
Beneficiaries in Y5					997	3,277	2,875	2,211	1,420
Beneficiaries in Y6						997	3,277	2,875	2,211
Beneficiaries in Y7							997	3,277	2,875
Beneficiaries in Y8								997	3,277
Beneficiaries in Y9									997
Total Beneficiaries	997	4,275	7,150	9,361	10,781	11,850	11,850	11,850	11,850

Table E
Economic cash flow

Project year	Incr. Economic Benefits			Incremental Fam Benefits (SSP million)	Economic Project Costs (SSP'000)		Cash-flow
	Benefits from Farm and Fishing Models	Road Infrastructure benefits	Ice Making Facilities		Project Costs	Total Economic Costs	
PY1	(32,198)	-		(32,198)	413,871	413,871	(446,069)
PY2	(53,110)	-		(53,110)	911,700	911,700	(964,810)
PY3	49,657	114,298	-	163,955	541,594	541,594	(377,639)
PY4	209,058	166,584	(3,827)	371,816	664,595	664,595	(292,779)
PY5	416,353	193,404	292	610,050	474,343	474,343	135,707
PY6	600,436	298,577	2,236	901,249	316,234	316,234	585,015
PY7	762,954	386,634	3,351	1,152,938	226,159	226,159	926,780
PY8	864,778	386,634	5,981	1,257,393	63,409	63,409	1,193,984
PY9	925,518	386,634	6,552	1,318,704	63,409	63,409	1,255,295
PY10	946,775	386,634	6,695	1,340,103	63,409	63,409	1,276,694
PY11	946,775	386,634	6,695	1,340,103	63,409	63,409	1,276,694
PY12	946,775	386,634	6,695	1,340,103	63,409	63,409	1,276,694
PY13	946,775	386,634	6,695	1,340,103	63,409	63,409	1,276,694
PY14	946,775	386,634	6,695	1,340,103	63,409	63,409	1,276,694
PY15	946,775	386,634	6,695	1,340,103	63,409	63,409	1,276,694
PY16	946,775	386,634	6,695	1,340,103	63,409	63,409	1,276,694
PY17	946,775	386,634	6,695	1,340,103	63,409	63,409	1,276,694
PY18	946,775	386,634	6,695	1,340,103	63,409	63,409	1,276,694
PY19	946,775	386,634	6,695	1,340,103	63,409	63,409	1,276,694
PY20	946,775	386,634	6,695	1,340,103	63,409	63,409	1,276,694
NPV@ 12% (SSP'000)							2,838,892
NPV@ 12% (US\$ '000)							21,837.6
EIRR							26%
NPV/b				5,458,998	NPV/c	2,620,106	2.1

Table F
Sensitivity analysis

Sensitivity analysis matrix					
	%	IRR	NPV (US\$'000)	B/CR	Link between EFA and IPRM
Base Scenario		26%	21,838	2.1	
Decrease of Project benefits	-10%	24%	17,638	1.9	The risk of spatial and temporal distribution of water as well as scarcity of rainfall, drought is the single most important production risk factor. Excess rainfall that leads to flooding is another substantial risk. The country is vulnerable to Desert locust phenomenon which may be devastating food and nutrition security
	-20%	21%	13,439	1.7	
	-30%	19%	9,240	1.5	
Cost Increase	10%	24%	19,822	1.9	The South Sudanese Pound (SSP) is facing high inflation, resulting in volatility of exchange rate and a thriving black market. The discrepancy between official exchange rate and the black market may distort the profitability analysis of the project in the EFA.
	20%	22%	17,807	1.7	
	50%	18%	12,448	1.4	
Delay of benefits	1 Year	22%	16,384	2.0	The possibility of conflict arising between weary parties after myth of election which may result to closure or suspension of the programmes in the Country.
	2 Years	18%	11,515	1.97	
Increase of benefits	10%	28%	26,037	2.3	Higher uptake of the proposed intervention compared to is anticipated in the benefits aggregation
	20%	30%	30,236	2.5	