JUIFAD Investing in rural people

Executive Board

President's memorandum Proposed additional financing to Republic of Zambia

Financial Inclusion for Resilience and Innovation Project (FIRIP)

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Action: The Executive Board is invited to approve the recommendation for the

proposed additional financing contained in paragraph 51.

Technical questions:

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Project delivery team	
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Financing summary

Initiating institution: IFAD

Borrower/recipient: Republic of Zambia

Executing agency: Ministry of Finance and National Planning

Total project cost: US\$49.8 million

Amount of original IFAD loan

(performance-based allocation system

[PBAS])

US\$8.90 million

Terms of original IFAD loan: Highly concessional: 40 years, including a grace

period of 10 years, with a service charge of 0.75 per cent per annum in United States dollars

(adjustments for single-currency loans)

Amount of additional IFAD Debt Sustainability Framework (DSF) grant: US\$21.1 million

Cofinanciers: Private sector, strategic partners (to be determined)

Amount of cofinancing: Private sector: US\$12.3 million

Strategic partners: US\$0.3 million

Terms of cofinancing: Cash, parallel cofinancing in the form of a loan

Contribution of borrower/recipient: US\$2.2 million

Contribution of project participants: US\$5 million

Amount of original IFAD climate

finance:

US\$3.6 million

Amount of additional IFAD climate

finance:

US\$9.4 million (of which US\$0.94 million is a climate

top-up)

Cooperating institution: Directly supervised by IFAD

I. Background and project description

A. Background

- 1. The Financial Inclusion for Resilience and Innovation Project (FIRIP)¹ was approved by the Executive Board in December 2024 during its 143rd session, with a total project cost of US\$49.8 million. The project is designed to improve the resilience and livelihoods of rural populations in the Republic of Zambia by expanding access to inclusive, client-responsive and climate-resilient financial services. It aligns with national priorities and IFAD's strategic objectives of promoting rural financial inclusion, private sector engagement and climate adaptation.
- 2. The financing structure at approval included an initial allocation of US\$8.9 million under the Twelfth Replenishment of IFAD's Resources (IFAD12), approved as a highly concessional loan. At that time, a financing gap of US\$21.1 million was foreseen and explicitly included in the approved design, with the understanding that it would be financed under the upcoming IFAD13 cycle. The Government of Zambia formally requested the full US\$30 million IFAD support in 2024, with the allocation phased over the IFAD12 and IFAD13 periods.
- 3. The project entered into force on 17 March 2025, and the original completion and closing dates remain 31 March 2032 and 30 September 2032, respectively. Since the project's entry into force, the Government and IFAD have initiated start-up activities, including the operationalization of the programme management unit (PMU) and the establishment of financial management systems. No disbursements have been made to date, pending the completion of these initial steps.
- 4. The purpose of this memo is to seek the Executive Board's approval of the additional financing of US\$21.1 million under IFAD13. This additional financing will complete the originally approved financing plan and allow the project to proceed with full implementation as designed. There have been no prior restructurings or changes to the implementation period, and all environmental, social and fiduciary safeguards, such as those related to the Social, Environmental and Climate Assessment Procedures (SECAP) and integrated programme risk management, were fully addressed and cleared at the time of the original design.

B. Original project description

- 5. The overall goal of the project is to improve rural livelihoods through increased resilience and inclusive sustainable growth. The project development objective is improved access to and use of financial services to strengthen the resilience and green growth of rural production systems, value chains and livelihoods of poor rural men, women and youth.
- 6. FIRIP was designed to address key structural barriers limiting access to financial services and innovation among rural populations in Zambia, particularly youth, women and smallholder producers. The project supports the transformation of Zambia's rural financial landscape by promoting inclusive, climate-resilient finance and enterprise development. FIRIP aims to enhance the capacity of financial service providers, crowd in private sector actors, and increase the uptake of innovative and adaptive financial products by underserved rural communities.

II. Rationale for additional financing

A. Rationale

7. The rationale for this additional financing is to close the pre-identified financing gap of US\$21.1 million, which was foreseen at the time of the original design and Executive Board approval in December 2024. The project was designed for total

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¹ EB 2024/143/R.5/Rev.1.

- IFAD financing of US\$30 million, with the understanding that US\$8.9 million would be provided under IFAD12 as a highly concessional loan, and the remaining US\$21.1 million would be secured under IFAD13 once Zambia's new performance-based allocation system (PBAS) resources became available.
- 8. The additional financing will be provided as a grant under the Debt Sustainability Framework (DSF), in line with Zambia's classification under IFAD13. The request by the Government of Zambia dated 5 September 2024 includes a request for IFAD to finance the original US\$8.9 million from IFAD12 funds, and the additional US\$21.1 million when the funds become available.
- 9. As outlined in the original design, the additional financing to cover the financing gap is required to:
 - Complete the capitalization of the Blended Finance Facility (BFF) and the Innovation and Outreach Facility (IOF), two pillars critical to achieving the project's catalytic impact;
 - Scale up access to digital financial services, green finance products and climate-smart innovations for underserved rural populations; and
 - Fully implement the project's original three-component structure, all of which remain unchanged.
- 10. Specifically, the additional financing will be allocated as follows:
 - US\$6,745,000 for subcomponent 1.1: Innovative financial products and delivery mechanisms for inclusive rural outreach;
 - US\$9,320,000 for subcomponent 1.2: Increased access to affordable finance for agriculture and green investment;
 - US\$1,511,000 for component 2: Enhanced enabling environment for inclusive rural financial services; and
 - US\$3,524,000 for component 3: Project coordination and implementation, monitoring and evaluation (M&E) and knowledge management.
- 11. This allocation reflects the project's strategic priorities and ensures full implementation of the originally designed interventions using IFAD13 resources.

Special aspects relating to IFAD's corporate mainstreaming priorities

- 12. In line with IFAD's mainstreaming commitments, the project has been validated as:

 - □ Gender-transformative

 - ☑ Including adaptive capacity

B. Description of geographical area and target groups

13. **Programme area.** As per the original design, FIRIP will focus on underserved rural areas nationwide, to be identified through a demand-driven process guided by clear selection criteria and cost-sharing arrangements. The expansion of formal financial access points under the IOF window 1 will focus on financially excluded rural districts to be identified in collaboration with the Bank of Zambia and the Zambia Information and Communications Technology Authority at project start. Client-centric financial services for agriculture, rural micro, small and medium-sized enterprises, greening and climate resilience (IOF windows 2 and 3), and the BFF will be rolled out in poor rural areas with basic financial and economic infrastructure and services in place, and where demand and absorption capacity for financial services exist.

- 14. **Target groups.** FIRIP's outreach includes 370,110 households through improved access to finance and employment generated, including 315,511 through access to financial services, and 54,599 through job creation (excluding project participants benefiting from both). With an average household size of five, the total number of targeted household members is 1,850,550 (16 per cent of the rural population).
- 15. FIRIP will use a menu of targeting measures to ensure that investments promote sustainable financial inclusion, resilience, poverty and food insecurity for poor and excluded groups such as smallholders, women, youth, persons with disabilities, persons living with HIV/AIDS and other vulnerable groups.

C. Components, outcomes and activities

- 16. FIRIP was designed with two technical components and one component for project coordination and knowledge management.
- 17. Component 1: Improved availability and uptake of sustainable client-centric rural financial services. This will be achieved by two mutually reinforcing subcomponents:
- 18. Subcomponent 1.1: Innovative financial products and delivery mechanisms for inclusive rural outreach will be implemented through an IOF, building on the Rural Finance Expansion Programme model with some modifications, such as a stronger focus on: (i) agriculture, green and climate-smart technologies; (ii) youth and women's financial inclusion and empowerment; and (iii) greater cost sharing by implementing partners.
- 19. **Subcomponent 1.2: Increased access to affordable finance for agriculture and green investment.** This subcomponent will establish a BFF to crowd private capital into agriculture and climate-smart green investments, while reducing the cost of funds for financial service providers and the resulting interest rates for end borrowers. The BFF responds to the problem of very high interest rates in Zambia resulting from macroeconomic instability, high-risk primes for international funding, along with high distribution costs and risk in rural areas. It also provides longer-term funds to enable banks and microfinance institutions (MFIs) to provide more investment loans at lower costs.
- 20. The BFF will be capitalized initially with concessional funds from IFAD and the Government by way of pricing, tenor and repayments for onlending through participating financial service providers (PFSPs). During implementation, other sources of concessional funding may contribute to the pool. A mechanism for a second-level blending of concessional funds with matching contributions by each PFSP will be established. The blended cost of funds will differ for each PFSP, depending on its average costs of funds and the BFF lending rate. Interest rates chargeable to end borrowers (farmers, etc.) will be based on a negotiated process, balancing the sustainability needs of the PFSP and reasonable returns on investments for borrowers and following the principles of responsible lending.
- 21. Both the IOF and the BFF will complement the recently launched Sustainable Agriculture Financing Facility (SAFF), which provides crop insurance and partial credit guarantee coverage for loans issued by banks to small and emergent farmers under the scheme. The IOF will help banks and MFIs to design and effectively deliver loans to farmers across various value chains, while the BFF will provide access to lower-cost and longer-term funds. FIRIP will help SAFF to reach smaller farmers and bring MFIs into the scheme. Technical assistance to strengthen SAFF's policies and implementation modalities will be funded under component 2.
- 22. **Component 2: Enhanced enabling environment for inclusive rural financial services** will address critical bottlenecks for providing client-centric and affordable financial services in rural areas at scale. It will tackle broader policy, legal and regulatory issues; strengthen implementation capacities of key actors; contribute to knowledge management; and help mainstreaming cross-cutting themes in rural

finance such as gender and youth empowerment, environment and social governance, climate change, etc. Longer-term support for developing policies, legal and regulatory instruments and their implementation will be provided through strategic partnerships with macro- and meso-level actors. This will be complemented through specific training, capacity development, knowledge management and technical assistance for various actors at meso and micro level.

23. **Component 3** will deal with project coordination and management, M&E and knowledge management.

D. Costs, benefits and financing Project costs

- 24. The overall project cost remains at US\$49.8 million. Table 1 outlines the cost by financier for the original financing and the additional financing. As per table 2, the cost structure is organized around three components: component 1, focused on enhancing access to client-centric financial services and delivery mechanisms, is allocated US\$38.6 million, representing 78 per cent of the total project cost. Component 2, aimed at strengthening the enabling environment for inclusive rural financial services, is allocated US\$3.9 million or 8 per cent. Component 3, which covers project management functions, accounts for US\$7.2 million, representing 14 per cent of the total. Table 3 outlines the costs by expenditure category and financier, highlighting that investment costs total US\$44.4 million (89 per cent of base costs), recurrent costs total US\$5.3 million (11 per cent) and price contingencies total US\$0.636 million. Finally, table 4 outlines the cost by project year.
- 25. The IFAD financing of US\$30 million is composed of US\$8.9 million under IFAD12 on highly concessional terms and US\$21.1 million under IFAD13 as a DSF grant. The additional financing of US\$21.1 million is intended to close the previously foreseen financing gap and will support the full implementation of activities across all components. It will be allocated proportionally to strengthen access to inclusive rural financial services, promote innovation and outreach to underserved populations, support institutional capacity and policy engagement, and ensure effective project coordination and M&E.
- 26. Project components 1 and 2 are partially counted as climate finance, particularly where interventions support climate adaptation, such as climate-resilient financial services, digital tools for risk management and enabling policies for climate-smart investment. As per the multilateral development banks' methodologies for tracking climate change adaptation and mitigation finance, the total amount of IFAD climate finance for this project is estimated as US\$13.06 million.
- 27. The total amount of additional IFAD climate finance for this additional financing proposal is estimated as US\$9.4 million.

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

	Original financing	Additional financing	Total
IFAD loan	8 900		8 900
IFAD DSF grant		21 100	21 100
Private sector	12 366		12 366
Strategic partners	300		300
Project participants	5 000		5 000
Borrower/recipient	2 200		2 200
Financing gap	21 100	(21 100)	0
Total	49 866	21 100	49 866

Table 2
Project costs by component (and subcomponent) and financier (Thousands of United States dollars)

	IFAD Id			Strategic partners		Private sector		ct ants	Borrower		Additional financing DSF grant		Tota	ı
Component/subcomponent	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%
1. Improved availability and use of client-centric financial services														
1.1. Innovative financial products and delivery mechanisms for inclusive rural outreach	1 027	9			4 041	34			22	0.2	6 745	57	11 835	24
1.2. Increased access to affordable finance for agriculture and green investment	3 462	13			8 325	31	5 000	19	719	3	9 320	35	26 826	54
2. Enhanced enabling environment for inclusive rural financial services	1 941	49	300	8					235	6	1 511	38	3 987	8
3. Project coordination and implementation, M&E and KM	2 470	34							1 224	17	3 524	49	7 218	15
Total	8 900	18	300	1	12 366	25	5 000	10	2 200	4	21 100	42	49 866	100

Table 3 **Project costs by expenditure category and financier**(Thousands of United States dollars)

	IFAD loan		Strategic partners		Private sector		Projec participa		Borrower		Additional financing DSF grant		Total	
Expenditure category	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%
Investment costs														
1. Technical assistance	2 313	55			450	11			443	11	1 024	24	4 229	9
2. Training	587	77									176	23	763	2
3. Goods, services and inputs	1 551	29	300	6					227	4	3 211	61	5 289	11
4. Equipment and vehicles	426	86							66	13	5	1	497	1
5. IOF grant	391	6			2 691	43					3 128	50	6 210	13
6. Community-based financial institutions grant	360	8			900	20					3 240	72	4 500	9
7. Lines of credit	2 039	9			8 325	36	5 000	22	500	2	7 136	31	23 000	46
Total investment costs	7 667	17	300	1	12 366	28	5 000	11	1 236	3	17 919	40	44 488	89
Recurrent costs														
1. Salaries and allowances	1 018	24							648	15	2 655	61	4 321	9
2. Operating costs	215	20							316	30	526	50	1 057	2
Total recurrent costs	1 233	23							964	18	3 181	59	5 378	11
Total	8 900	18	300	1	12 366	25	5 000	10	2 200	4	21 100	42	49 866	100

Table 4 **Project costs by component and project year**(Thousands of United States dollars)

	2025	2026	2027	2028	2029	2030	2031	Total
Component/subcomponent	Amount							
Improved availability and use of client-centric financial services								
1.1. Innovative financial products and delivery mechanisms for inclusive rural outreach		1 371	2 513	2 500	2 500	1 810	1 140	11 835
1.2. Increased access to affordable finance for agriculture and green investment		5 452	5 648	5 661	5 675	3 688	701	26 826
2. Enhanced enabling environment for inclusive rural financial services		843	1 049	716	589	562	227	3 987
3. Project coordination and implementation, M&E and KM	674	1 284	1 011	1 071	1 049	1 041	1 089	7 218
Total	674	8 951	10 222	9 949	9 812	7 101	3 158	49 866

Financing and cofinancing strategy and plan

- 28. The total financing for FIRIP remains at US\$49.8 million, with the full IFAD contribution now secured at US\$30 million, accounting for 60 per cent of the total project cost. The project has not undergone any changes to its original financing structure but now benefits from the full funding envelope needed for comprehensive implementation.
- 29. Cofinancing from domestic stakeholders accounts for the remaining 40 per cent of the project cost. This includes an estimated US\$12.3 million (25 per cent) from private sector actors, primarily financial service providers engaged through the BFF and the IOF. These contributions include both in-kind and financial commitments to complement IFAD's catalytic funding.
- 30. Additionally, project participants are expected to contribute US\$5 million (10 per cent), particularly through cost-sharing arrangements under the BFF whereby project participants are required to contribute up to 25 per cent of the financing received via partner banks and MFIs. The Government of Zambia's contribution is estimated at US\$2.5 million (5 per cent), comprising US\$2.2 million in cash and in-kind contributions (including duties and taxes), and US\$0.3 million from strategic partners supporting enabling environment activities and oversight.

Disbursement

- 31. The disbursement of funds will follow IFAD's standard procedures and be aligned with the project's approved annual workplans and budgets. Disbursements will be made into the designated project accounts set up under the Ministry of Finance and National Planning (MoFNP), managed by the PMU. As of now, no disbursements have been made, although the project entered into force on 17 March 2025, and key start-up activities are under way, including the operationalization of bank accounts and recruitment of PMU staff.
- 32. Disbursements from the additional financing under IFAD13 will commence upon signature of the amendment to the financing agreement and will be aligned with eligible expenditures across all components, particularly for the implementation of matching grants, technical assistance contracts, policy support activities and operational costs.

Summary of benefits and economic analysis

- 33. FIRIP is expected to generate significant benefits for rural smallholder farmers, micro and small enterprises, and financial service providers by strengthening access to diversified financial services tailored to agricultural and rural livelihoods. The project targets underserved populations, including women and youth, with increased opportunities for entrepreneurship and asset accumulation.
- 34. Economic analysis conducted during project design demonstrated that the project will result in increased rural incomes and enhanced financial inclusion. Benefits include reduced transaction costs, improved resilience to climate risks, and stronger linkages between financial institutions and rural markets. The economic internal rate of return was estimated at 18 per cent, indicating a sound investment case. The additional financing will allow full realization of these outcomes by closing the financing gap and supporting scaling up across target provinces.

Exit strategy and sustainability

- 35. FIRIP's sustainability strategy is embedded in its design through a strong focus on institution-building, digital innovation and private sector participation. The exit strategy emphasizes:
 - Strengthening the operational and financial sustainability of supported financial service providers and rural enterprises;
 - Supporting policy frameworks that improve the enabling environment for inclusive rural finance; and

- Building the capacity of public institutions and decentralized structures to support ongoing implementation beyond project closure.
- 36. Moreover, the project's use of matching grants and innovation windows is designed to catalyse scalable and replicable business models that can be sustained through market forces. Sustainability is further reinforced through cost-sharing arrangements with project participants and private partners, coupled with strategic alignment to national rural finance strategies and the Eighth National Development Plan.

III. Risk management

A. Risks and mitigation measures

37. The additional financing does not introduce new risks, as foreseen at project design, and aligns fully with the original implementation arrangements. However, given that the project entered into force only in March 2025 and is still in the early stages of implementation, certain operational risks remain. These include potential delays in the recruitment of the PMU, establishment of operational accounts and coordination among implementing partners. These risks are being mitigated through close collaboration between IFAD and the Government of Zambia to expedite PMU recruitment and finalize operational set-up. Financial delivery risks, particularly around uptake and performance of financial service providers, are being addressed through phased implementation, blended finance arrangements that require counterpart contributions, and targeted technical assistance under the IOF. A strong results and risk management framework will guide monitoring and early response to implementation challenges.

B. Environment and social category

38. The environment and social categorization of the project remains unchanged under the additional financing. FIRIP continues to be rated a moderate operation under SECAP 2021. The nature of activities to be financed, primarily access to financial services, institutional strengthening and technical assistance, does not present significant adverse environmental or social risks. Instead, the project promotes social inclusion by targeting underserved groups, including women and youth, and contributes to environmentally sustainable practices through support for climate-resilient agricultural investments. All safeguard requirements identified during design remain applicable, and no new activities have been introduced under the additional financing that would warrant a change in classification.

C. Climate risk classification

39. The climate risk classification remains substantial. During design, the required targeted adaptation assessment was conducted to identify and evaluate specific adaptation measures to address climate risks and seize potential opportunities. The additional financing strengthens the project's ability to address climate risks by enabling the full implementation of activities aimed at improving access to climate-resilient financial services. Through facilities such as the IFO and BFF, the project supports investments in climate-smart technologies, weather index insurance and digital financial services tailored for smallholder farmers and rural entrepreneurs. The original climate risk assessment and associated mitigation measures, as cleared during design, remain valid and fully applicable for the full US\$30 million financing envelope.

IV. Implementation

A. Compliance with IFAD policies

40. The additional financing remains fully compliant with IFAD's policies, procedures and operational guidelines. The original design of FIRIP, which incorporated a financing gap to be filled through subsequent allocations, was prepared and appraised in line with the IFAD SECAP, inclusive rural finance policy and targeting

policy. All safeguards, fiduciary requirements and policy compliance considerations were addressed at the design stage and remain valid for the full financing envelope. The additional financing also aligns with the IFAD13 priorities under the DSF, supporting climate-resilient rural financial inclusion, youth employment and private sector engagement through non-sovereign instruments. No changes to the project's scope, targeting strategy or financing structure have been made that would require additional policy review or reassessment. The operation continues to support the objectives of the IFAD Strategic Framework 2016–2025 and country strategic opportunities programme (COSOP) for Zambia.

B. Organizational framework

Management and coordination

41. The overall management and coordination arrangements for FIRIP remain unchanged under the additional financing. The project is implemented by MoFNP, which serves as the lead executing agency, with strategic guidance from a project steering committee composed of key stakeholders from the Government, the private sector and civil society. A dedicated PMU is being established within MoFNP to oversee day-to-day implementation, fiduciary management and coordination with implementing partners. Recruitment of PMU staff is currently being expedited following project entry into force in March 2025. The additional financing will support the same components and implementation structures as initially designed, including close collaboration with financial service providers, private sector actors and public institutions under the BFF and IOF. These implementation arrangements are designed to ensure strong coordination, accountability and delivery of results across the project's diverse financing and technical support activities.

Financial management, procurement and governance

- 42. Financial management, procurement and governance arrangements for FIRIP remain consistent with those established at design and are fully applicable to the additional financing. MoFNP, through the PMU, will be responsible for all fiduciary functions, including financial reporting, fund flow management and adherence to IFAD's procurement guidelines. A designated account will be established, and operational accounts opened to support disbursements. Also, an additional designated account will be opened for the additional financing. IFAD will provide close implementation support during the initial phases to strengthen internal controls, ensure timely recruitment and training of financial and procurement staff, and support compliance with the approved procurement plan.
- 43. The project will follow IFAD's Project Financial Management and Financial Control Handbook and Project Procurement Guidelines, and Zambia's public financial management and audit frameworks. Procurement of goods, services and works will be carried out through competitive and transparent procedures, with prior and post review thresholds clearly defined in the procurement plan. Governance and accountability will be reinforced through internal audits, oversight by the steering committee and periodic supervision missions. No changes are envisaged to the fiduciary framework as a result of the additional financing, which was already foreseen at design and does not introduce new implementation modalities or risk categories.

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

44. The M&E, knowledge management and communication arrangements established at design remain valid and applicable to the additional financing. The PMU, once fully operational, will be responsible for implementing the project's M&E system. The system will track project outputs, outcomes and impact, including disaggregated data by gender, age and youth to monitor inclusiveness and alignment with IFAD13 priorities. A baseline survey will be conducted in the first

- year of implementation, and periodic outcome surveys and a midterm review will guide adaptive management.
- 45. Learning and knowledge management will be driven through documentation of results from the IOF and BFF, allowing replication and scaling of successful financial products and delivery models. Strategic communication will support stakeholder engagement, promote visibility of project achievements, and facilitate policy dialogue around inclusive rural finance. The additional financing enables full realization of the project's knowledge generation and learning goals, reinforcing FIRIP's contribution to Zambia's broader rural finance and economic inclusion strategy.

D. Proposed amendments to the financing agreement

- 46. The proposed additional financing of US\$21.1 million under IFAD13 will require an amendment to the existing financing agreement between the Republic of Zambia and IFAD to reflect the new financing amount and terms. The original financing agreement on 17 March 2025 included only the US\$8.9 million allocation under IFAD12 on highly concessional terms, while the remaining US\$21.1 million anticipated at design as a financing gap was earmarked to be covered under IFAD13 resources.
- 47. The additional IFAD13 financing will be provided under the DSF as a 100 per cent grant. As such, the amended agreement will update: (i) the total IFAD financing to US\$30 million; (ii) the inclusion of the US\$21.1 million DSF grant allocation; and (iii) any related adjustments to the disbursement schedule and financing percentages by expenditure category. No changes are proposed to the project's development objective, components, implementation arrangements or closing date.

V. Legal instruments and authority

- 48. An amendment to the financing agreement between the Republic of Zambia and IFAD will constitute the legal instrument for extending the proposed additional financing to the borrower/recipient. The amendment to the financing agreement will be prepared following approval of the additional financing.
- 49. The Republic of Zambia is empowered under its laws to receive financing from IFAD.
- 50. 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

51. I recommend that the Executive Board approves the additional financing in terms of the following resolution:

RESOLVED: that the Fund shall provide a Debt Sustainability Framework grant to the Republic of Zambia in an amount of twenty-one million one hundred thousand United States dollars (US\$21,100,000) 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 financing²

	Indicators				Means of Verific	ration				
Results Hierarchy	Name	Baseline I	Mid-Term F	nd	Source	Frequency	Responsibility	Assumptions		
Outreach	1 Persons receiving services promoted or suppor		l II	-114	PFIs and CBFI	Quarterly	ME&KM team	outreach assumption:		
Outreacti	Total number of persons receiving services		148 044	370 110	promoters	Quarterry	IVILARIVI (Call)	•The average household size in rural		
	(Number of people)		140 044	370 110	are		areas is 5 persons per household.			
	1.a Corresponding number of households reached	d	II.		PFIs and CBFI	Quarterly	ME&KM team	•Each beneficiary comes from a different		
	Households	0	148 044	370 110	promoters	auditori)		household (CI 1.a = CI 1). If other data on		
	1.b Estimated corresponding total number of house				PFIs and CBFI	Quarterly	ME&KM team	beneficiaries and households becomes		
	Household members (Number of people)	0	740 220	1 850 550	promoters			available, this can be adjusted.		
Project Goal	Change in household asset ownership				COI Survey	Outcome	ME&KM team	assumptions for sustainability.		
Improved rural	Household asset ownership index (percentage)	49%	53%	60%	(additional	surveys (3x)		·Positive experiences with financial		
livelihoods through	Rural households reporting an increase in savings	;			questions for	, , ,		services will lead to a 'virtuous cycle' of		
economic growth and increased resilience	Proportion of rural households (Percentage)	0	28%	70%	PSIs)			using financial services; economic growth; and improved rural livelihoods.		
Development	Persons reporting improved income from econom	ic activities (agriculture	/IGAs)	COI Survey	Outcome	ME&KM team	development objective to goal:		
Objective Increased	Cat 1 beneficiaries with improved income (number)	0	85 273	213 183	(additional	surveys (3x)		·Economic empowerment of women and		
use of financial	Cat 2 beneficiaries with improved income (number)	0	32 333		questions for			joint household decision making contributes to increased income being used to address household needs		
services by	Beneficiaries using financial services in all	0	118 435	296 088	PSIs)					
poor rural men, women	categories reporting improved income (number)									
and youths, for growth	CI 2.2.1. Beneficiaries with new jobs/employment of	opportunities	S		COI Survey	Outcome	ME&KM team	·Stable political and economic		
of rural production	Total number of persons with new jobs/employment	0	58 172	145 430		surveys (3x)		environment.		
systems and value	opportunities (Number of people)									
chains, and to strengthen resilience	IE.2.1 Individuals demonstrating an improvement		COI Survey	Outcome	ME&KM team					
and safety nets.	Total persons (number of people)	0	28 129	140 642		surveys (3x)				
and safety fiels.	CI 3.2.2. Households reporting adoption of enviror	nmentally su	stainable a	nd	COI Survey	Outcome surveys (3x)	ME&KM team			
	climate-resilient technologies and practices									
	Households (Number)	0	33 442	83 604						
	SF 2.2 Households reporting they can influence de		ng of local		COI Survey	Outcome	ME&KM team			
	authorities and project-supported service provide		7 400	07.011		surveys (3x)				
	Households (Number)	0	7 402	37 011						
Outcome 1	Number of new financial products, services and de				IOF recipients	Semi-annual	ME&KM team	outcome to development objective:		
Improved availability of	Financial products and services (Number)	0	12	24				Beneficiaries make good use of financial		
sustainable client- centric rural financial	Number of access points for formal financial servi			22 500	PFIs (banks,	Annually	ME&KM team	services, for productive investment,		
services for specific	Access points (Number)	0	11 250	22 500	MIFIS)			adaptation and green technologies, or to cope with shocks affecting the household.		
sectors and groups	CI 1.2.6 Partner financial service providers with PA			CO0/				•An enabling policy environment and		
sectors and groups	Percentage CI 1.2.7 Financial service providers with operation	57%	59%	62%				corresponding incentives are in place,		
	Percentage	57%	59%	62%				encouraging FSPs to offer financial		
	9							services and products to rural		
	Proportion of non-performing loans in the loan posmall and emergent)	rtiollo of bar	iks (agricu	iture,				communities at affordable rates. • Sufficient economic/investment		
	agriculture - small and emerging farmers (Percentage)	8.7%	< 6.0%	< 5.0%				- Sumcient economic/investment		

² Concise two-page version, by shortening some descriptions and removing indicator disaggregation - which will be retained in ORMS and the M&E system.

Deculto Hieroreku	Indicators				Means of Verific	cation		Assumptions			
Results Hierarchy	Name	Baseline	Mid-Term	End	Source	Frequency	Responsibility	Assumptions			
	MSMEs (Percentage)	13.7%	< 12.3%	< 10.0%				opportunities and capacity of the target group to make use of those opportunities.			
Output 1.1 Effective mechanism for	CI 1.1.6 Financial service providers supported in d financial products and services to rural areas	elivering o			PMU (contracts,	Semi-annual	ME&KM team	output to outcome: Enough FSPs are willing to develop			
the development of innovative rural financial products, services and delivery mechanisms	Service providers (number)	0	29	57	MOUs)			client-centric rural financial services. FSPs demonstrate a willingness to participate in capacity-building initiatives.			
Outcome 2	CI 1.2.5. Households reporting using financial serv	rices		COI Survey	Outcome	ME&KM team	outcome to development objective:				
Increased uptake of	Households (Number)	0	97 561	296 088		surveys (3x)		Beneficiaries make good use of financial			
more suitable and	Households (Percentage)	55.9%	66%	80%				services, for productive investment or to			
affordable sources of	SF 2.1 Households satisfied with project-supporte	d services			COI Survey	Outcome	ME&KM team	increase resilience.			
finance by the target	Households (Number)	103 631		surveys (3x)		Rural communities have capacity to					
group	Households (Percentage %)	0	70%	80%				utilise financial services for climate smart and profitable enterprises.			
Output 2.1	CI 1.1.5 Persons in rural areas accessing financial	services			PFIs (banks,	Quarterly	ME&KM team	output to outcome:			
Access to affordable loans and other	Total persons accessing financial services (all services)	0	126 204	315 511	MFIs) and CBFI promoters			Interest of beneficiaries to invest in climate-smart and green technologies.			
financial services for	Persons accessing financial services (savings)	0	88 260	220 650				Effective cooperation with			
agriculture and green	Persons accessing financial services (credit)	0	81 661	204 152				complementary development initiatives.			
investments enhanced	Persons accessing financial services (insurance)	0	13 812	34 530				A sufficient number of reliable suppliers			
	Persons accessing financial services (digital payment services)	0	67 200	168 000				of green technologies. • Effective promotion of CSA and green			
	Households accessing green technologies				IOF partners;	Semi-Annual	ME&KM team	technologies, and an increasing interest			
	Households (Number)	41 802	104 505	PMÚ Í			in these technologies.				
Output 2.2 Capacity of rural men,	CI 1.1.7 Persons in rural areas trained in financial products and services	literacy and	d/or use of f	inancial	IOF recipients	Quarterly	ME&KM team	output to outcome: Interest of beneficiaries to invest in			
women, youths and MSMEs to obtain and	Persons in rural areas trained in FL and/or use of FProd and Services (total) (Number of people)	0	60 000	150 000				climate-smart and green technologies. Effective cooperation with			
effectively utilize financial services	Cl 3.1.1 Groups supported to sustainably manage related risks	natural res	ources and	climate-				complementary development initiatives. Sufficient numbers of interested people			
strengthened	Groups supported (number)	0	1 000	2 500				in selected rural areas to justify rollout.			
Outcome 3	Change in volume to agriculture lending to smallh	olders			Bank of	Semi-Annual	ME&KM team	outcome 3 to outcome 1&2:			
Enhanced enabling environment for	Annual disbursements to agriculture (small and emergent) (million USD)	20.1	23.1	34.2	Zambia's Credit Market Survey			Private sector actors (FSPs, MNOs) are willing and able to respond to			
inclusive rural financial	Formally financially included adults in rural areas				FinsScope;	Outcome	ME&KM team	opportunities offered by a more conducive			
service provision	Rural adults (Percentage %)	44%	48%	57%	MOFNP	surveys (3x)	IVILORIVI (Carri	policy and regulatory framework.			
Output 3.1	Strategic partnerships established to enhance pol	, .			PCU (MOUs)	Semi-Annual	ME&KM team	output to outcome:			
	and to support implementation	icy review a	and Coordin	iation,	i CO (MOOS)	Seriii-Ariiruai	IVILARIVI team	Government will prioritize creating an			
regulations and	Partnerships (Number)	0	6	6	-			enabling environment for rural finance.			
institutions supported to	Policy 1: Policy-relevant knowledge products com				PCU	Semi-Annual	ME&KM team	Partners see value in the project and is			
create an enabling	Knowledge products (Number)	0	2	6		Com Amida	WIEGINIVI (Call)	being part of its implementation.			
environment for rural	Laws, regulations and policies supported by the p	-			National	Semi-Annual	ME&KM team				
finance	Number	2	4	Government	Com Amaa	IVIEGITIVI (Call)	participate in multi-stakeholders dialogues				
L		0		•		1		<u> </u>			

Updated summary of the economic and financial analysis

Table A: Financial cash flow models

		now mod	Farm models' net incremental benefits (in ZMW)											
	Project Year	Tomato Model	Soyabean Model	Maize Model	G.Nuts Model	Cowpeas Model	Livestock - Goats Model	Livestock - Chicken model	Maize Processing	G.Nuts Processing	Laundry Services			
	PY1	(50,600)	(50,078)	(12,363)	(56,714)	(2,928)	(23,762)	6,017	(43,280)	(43,430)	(28,223)			
	PY2	9,400	16,990	3,429	7,886	288	3,141	10,441	9,520	3,345	4,537			
	PY3	16,920	20,524	5,008	14,276	1,079	8,181	12,837	9,520	16,350	12,907			
	PY4	26,840	24,058	5,008	18,110	1,870	18,543	10,957	9,520	16,350	21,277			
	PY5	30,400	24,058	5,008	21,944	1,870	19,743	12,837	21,760	16,350	21,277			
	PY6	31,600	24,058	5,008	21,944	1,870	21,543	12,837	21,760	16,350	21,277			
	PY7	30,400	24,058	5,008	21,944	1,870	21,543	10,957	21,760	16,350	21,277			
	PY8	31,600	24,058	5,008	21,944	1,870	21,543	12,837	21,760	16,350	21,277			
	PY9	30,400	24,058	5,008	21,944	1,870	21,543	12,837	21,760	16,350	21,277			
	PY10	31,600	24,058	5,008	21,944	1,870	21,543	10,957	21,760	16,350	21,277			
	PY11	30,400	24,058	5,008	21,944	1,870	21,543	12,837	21,760	16,350	21,277			
	PY12	31,600	24,058	5,008	21,944	1,870	21,543	12,837	21,760	16,350	21,277			
	PY13	30,400	24,058	5,008	21,944	1,870	21,543	10,957	21,760	16,350	21,277			
	PY14	31,600	24,058	5,008	21,944	1,870	21,543	12,837	21,760	16,350	21,277			
	PY15	30,400	24,058	5,008	21,944	1,870	21,543	12,837	21,760	16,350	21,277			
	PY16	31,600	24,058	5,008	21,944	1,870	21,543	10,957	21,760	16,350	21,277			
	PY17	30,400	24,058	5,008	21,944	1,870	21,543	12,837	21,760	16,350	21,277			
	PY18	31,600	24,058	5,008	21,944	1,870	21,543	12,837	21,760	16,350	21,277			
	PY19	30,400	24,058	5,008	21,944	1,870	21,543	10,957	21,760	16,350	21,277			
	PY20	31,600	24,058	5,008	21,944	1,870	21,543	12,837	21,760	16,350	21,277			
	IRR	42%	42%	37%	29%	42%	47%	Num	34%	30%	49%			
	NPV (ZMW) @12%	193,589	156,865	31,352	120,040	11,796	138,154	111,678	122,625	92,799	92,705			
	B/C Ratio	,	1.60	1.61	2.30	2.88	2.11	1.3	1.0	1.3	2.2			
Return to	Family Labour (ZMW)	308.5	1,035.7	261.1	1,303.2	576.4	1,630.9	134	805	945	N/A			

Table B: Project/programme costs and logframe targets

Table B. Project/programme costs and logitalite targets	
PROGRAMME COSTS AND INDICATORS FOR LOGFRAME	
TOTAL PROGRAMME COSTS (in million USD)	
Persons receiving services promoted or supported by the project	370,110
Persons reporting improved income from economic activities (agric,/IGA - 80%)	296,088
Households reporting using financial services (80% of the beneficiaries)	296,088
Bneficiries with new jobs/employment opportunities	145,430
Cost per Housheold	135
Components and Cost (USD million)	
A. Improved Availability and Use of Client-Centric Financial Services	38.7
B. Enhanced Enabling Environment For Inclusive Rural Financial Services	4.0
C. Project Coordination and Implementation, Monitoring & Evaluation, and Knowledge Management	7.2
Total	49.9

Table C: Main assumptions and shadow prices

	MAIN	ASSUMPTIONS & S	SHADOW PRICES			
			Yields (Anr	nually) Kg		
	Model	Unit of measure	WOP	WP	Price (ZMW)	
	Tomato Model	Kg	2,000	6,000	15	
	Soyabean Model	Kg	800	3,100	12	
FINANCIAL	Maize Model	Kg	3,000	6,300	6	
MANU	G.Nuts Model	Kg	370	2,200	15	
FILE	Cowpeas Model	Kg	700	950	18	
	Livestock - Goats Model	Head	1	15	1,500	
	Livestock - Chicken model	Bird	40	200	250	
	Maize Processing	Kg	-	36,000	13	
	G.Nuts Processing	Kg	-	2,040	80	
	Standard Conversion Factor	0.93	Discount rate for Fi	nancial Analysis	8%	
Economi c	Labour Conversion Factor	0.94	Discount rate for Ed	conomic Analysis	25.5%	
¢co.	Unemployment Rate	5.9%	VAT rate on import	S	16%	

Table D: Beneficiary adoption rates and phasing

i able D: Beneficiary adopti	on rates a	na pna	sing							
Household Phasing		Y1	Y2	Y3	Y4	Y5	Y6	Y7		Total
No. of Beneficiaries Phased by Year	370,110	4,843	67,791	77,478	74,824	73,800	49,054	22,320		370,110
Cumulative Number of Households		4,843	72,634	150,112	224,936	298,736	347,789	370,110		370,110
Adoption Rate	80%									
Beneficiary Aggregation										
Beneficiaries in Y1		3,874	54,233	61,982	59,859	59,040	39,243	17,856		
Beneficiaries in Y2			3,874	54,233	61,982	59,859	59,040	39,243	17,856	
Beneficiaries in Y3				3,874	54,233	61,982	59,859	59,040	39,243	17,856
Beneficiaries in Y4					3,874	54,233	61,982	59,859	59,040	39,243
Beneficiaries in Y5						3,874	54,233	61,982	59,859	59,040
Beneficiaries in Y6							3,874	54,233	61,982	59,859
Beneficiaries in Y7								3,874	54,233	61,982
Beneficiaries in Y8									3,874	54,233
Beneficiaries in Y9										3,874
Total Beneficiaries		3,874	58,107	120,090	179,949	238,989	278,232	296,088	296,088	296,088

Table E: Economic cash flow

		Incr. Blending Facility				Ecor							
Project year	IOF Window 1	IOF Window 2	IOF Window 3	CBFIs	MFIs/ SACCOS	Banks	Self Employment	Incremental Fam Benefits (ZMW'000)	Investment Costs		Addback costs - Line of credit/Transac tion costs		Cash-flow
PY1	-	-	-	-	-	-	-	-	8,771 6,847		-	15,618	(15,618)
PY2	-	-	-	-	-	-	-	-	198,438	20,185	100,000	118,623	(118,623)
PY3	4,129	(180,399)	(180,399)	(469,115)	(30,760)	(56,883)	-	(913,427)	229,676	20,185	100,000	149,860	(1,063,287)
PY4	8,257	(325,083)	(325,083)	(871,734)	(25,621)	(46,998)	64,791	(1,521,469)	221,118	20,185	100,000	141,302	(1,662,772)
PY5	8,257	(221,432)	(221,432)	(700,906)	(21,699)	(39,539)	194,373	(1,002,377)	217,815	20,185	100,000	137,999	(1,140,376)
PY6	8,257	(62,807)	(62,807)	(468,910)	(18,704)	(33,909)	323,954	(314,926)	138,010	20,185	50,000	108,194	(423,120)
PY7	4,129	310,208	310,208	266,652	2,336	1,593	453,536	1,348,660	51,797	20,185		71,982	1,276,679
PY8	4,129	485,165	485,165	501,058	22,838	36,054	518,327	2,052,735		3,028		3,028	2,049,708
PY9	4,129	814,584	814,584	1,189,113	24,179	38,481	583,118	3,468,188		3,028		3,028	3,465,161
PY10	4,129	904,605	904,605	1,317,262	25,207	40,316	583,118	3,779,242		3,028		3,028	3,776,214
PY11	4,129	951,165	951,165	1,396,454	25,996	41,704	583,118	3,953,731		3,028		3,028	3,950,703
PY12	4,129	951,165	951,165	1,396,454	25,996	41,704	583,118	3,953,731		3,028		3,028	3,950,703
PY13	4,129	951,165	951,165	1,396,454	25,996	41,704	583,118	3,370,613		3,028		3,028	3,367,586
PY14	4,129	951,165	951,165	1,396,454	25,996	41,704	583,118	3,370,613		3,028		3,028	3,367,586
PY15	4,129	951,165	951,165	1,396,454	25,996	41,704	583,118	3,370,613		3,028		3,028	3,367,586
PY16	4,129	951,165	951,165	1,396,454	25,996	41,704	583,118	3,370,613		3,028		3,028	3,367,586
PY17	4,129	951,165	951,165	1,396,454	25,996	41,704	583,118	3,370,613		3,028		3,028	3,367,586
PY18	4,129	951,165	951,165	1,396,454	25,996	41,704	583,118	3,370,613		3,028		3,028	3,367,586
PY19	4,129	951,165	951,165	1,396,454	25,996	41,704	583,118	3,370,613		3,028		3,028	3,367,586
PY20	4,129	951,165	951,165	1,396,454	25,996	41,704	583,118	3,370,613		3,028		3,028	3,367,586
NPV@ 12% (ZMW'000)													969,234
IPV@ 12% (USD'000)								1,278,761				309,527	38,769
IRR													34%
BCR 4.13													

Table F: Sensitivity analysis

Table F: Sensitivity ana	•	2	2							10	44	42	42.20
Year	1	2	3	4	5	6	7	8	9	10	11	12	13-20
Incremental Benefits	_	_	- 913,427	- 1,521,469	- 1,002,377 -	314,926	1,348,660	2,052,735	3,468,188	3,779,242	3,953,731	3,953,731	3,370,613
benefits +10%	_	-	•	1,673,616	1,002,577		1,483,526	2,258,009	3,815,007	4,157,166	4,349,104	4,349,104	3,707,675
benefits +20%	_	_		1,825,763	1,102,013		1,618,392	2,463,282	4,161,826	4,535,090	4,744,477	4,744,477	4,044,736
Mild scenario		_		1,369,322	902,139 -		1,213,794	1,847,462	3,121,369	3,401,317	3,558,358	3,558,358	3,033,552
Medium scenario		-			801,902 -		1,078,928	1,642,188	2,774,551	3,023,393	3,162,985	3,162,985	2,696,491
High scenario		_			- 701,664 -		944,062	1,436,915	2,427,732	2,645,469	2,767,612	2,767,612	2,359,429
ingii scenario	-	-	- 035,355 -	1,003,028	701,004	220,448	344,002	1,430,913	2,427,732	2,043,403	2,707,012	2,707,012	2,333,423
Project Costs	15,618	118,623	149,860	141,302	137,999	108,194	71,982	3,028	3,028	3,028	3,028	3,028	3,028
costs +10%	17,180	130,485	164,846	155,433	151,799	119,014	79,180	3,330	3,330	3,330	3,330	3,330	3,330
costs +20%	18,741	142,347	179,832	169,563	165,599	129,833	86,378	3,633	3,633	3,633	3,633	3,633	3,633
costs +30%	23,427	177,934	224,790	211,954	206,999	140,652	93,576	3,936	3,936	3,936	3,936	3,936	3,936
Net cash flow													
base scenario	(15,618)	(118,623)	(1,063,287)	(1,662,772)	(1,140,376)	(423,120)	1,276,679	2,049,708	3,465,161	3,776,214	3,950,703	3,950,703	3,367,586
costs +10%	(17,180)	(130,485)	(1,078,273)	(1,676,902)	(1,154,176)	(433,939)	1,269,480	2,049,405	3,464,858	3,775,911	3,950,400	3,950,400	3,367,283
costs +20%	(18,741)	(142,347)	(1,093,259)	(1,691,032)	(1,167,976)	(444,759)	1,262,282	2,049,102	3,464,555	3,775,608	3,950,098	3,950,098	3,366,980
costs +30%	(23,427)	(177,934)	(1,138,217)	(1,733,423)	(1,209,376)	(455,578)	1,255,084	2,048,799	3,464,252	3,775,306	3,949,795	3,949,795	3,366,677
benefits +10%	(15,618)	(118,623)	(1,154,630)	(1,814,919)	(1,240,614)	(454,613)	1,411,545	2,254,981	3,811,979	4,154,138	4,346,076	4,346,076	3,704,647
benefits +20%	(15,618)	(118,623)	(1,245,973)	(1,967,065)	(1,340,852)	(486,105)	1,546,411	2,460,255	4,158,798	4,532,062	4,741,449	4,741,449	4,041,708
benefits -10%	(15,618)	(118,623)	(971,944)	(1,510,625)	(1,040,139)	(391,627)	1,141,812	1,844,434	3,118,342	3,398,290	3,555,330	3,555,330	3,030,524
benefits -20%	(15,618)	(118,623)	(880,602)	(1,358,478)	(939,901)	(360,135)	1,006,946	1,639,161	2,771,523	3,020,366	3,159,957	3,159,957	2,693,463
benefits -30%	(15,618)	(118,623)	(789,259)	(1,206,331)	(839,663)	(328,642)	872,080	1,433,887	2,424,704	2,642,441	2,764,584	2,764,584	2,356,402
benefits delayed 1 year	(15,618)	(118,623)	(149,860)	(1,054,729)	(1,659,469)	(1,110,571)	(386,908)	1,345,632	2,049,708	3,465,161	3,776,214	3,950,703	3,950,703
benefits delayed 2 years	(15,618)	(118,623)	(149,860)	(141,302)	(1,051,426)	(1,629,663)	(1,074,359)	(317,954)	1,345,632	2,049,708	3,465,161	3,776,214	3,950,703
benefits delayed 3 years	(15,618)	(118,623)	(149,860)	(141,302)	(137,999)	(1,021,621)	(1,593,451)	(1,005,405)	(317,954)	1,345,632	2,049,708	3,465,161	3,776,214
benefits delayed 4 years	(15,618)	(118,623)	(149,860)	(141,302)	(137,999)	(108,194)	(985,409)	(1,524,497)	(1,005,405)	(317,954)	1,345,632	2,049,708	3,465,161
Adoption rate 90%	(15,618)	(118,623)	(643,111)	(962,896)	(679,283)	(278,254)	656,295	1,105,449	1,869,794	2,037,763	2,131,987	2,131,987	1,817,103
Adoption rate 80%	(15,618)	(118,623)	(588,305)	(871,608)	(619,140)	(259,359)	575,375	982,285	1,661,703	1,811,008	1,894,763	1,894,763	1,614,867
Adoption rate 70%	(15,618)	(118,623)	(533,500)	(780,319)	(558,998)	(240,463)	494,456	859,121	1,453,611	1,584,254	1,657,539	1,657,539	1,412,630
Discount rate	26%												
Sensitivity Analysis	Base case	Costs Increase			Benefits Increase		Deci	rease of Benefit	ts	Delay of Benefits			
	base case	+10%	+20%	+50%	+10%	+20%	-10%	-20%	- 30%	1 year	2 years	3 years	4 years
IRR (%)	34%	33%	33%	32%	34%	34%	33%	33%	32%	32%	31%	29.3%	27.5%
NPV (MZW '000)	969,234	938,281	907,329	823,404	1,097,110	1,224,986	841,358	713,482	585,606	680,818	451,004	267,885	121,974
NPV (USD '000)	38,769	37,531	36,293	32,936	43,884	48,999	33,654	28,539	23,424	27,233	18,040	10,715	4,879