



Our World, Our Responsibility

Project Concept
**INPUT DISTRIBUTION &
ADVISORY CENTER
(IDAC)**

**Palala/Kowai Town, Kpaai District,
Bong County, Liberia**

Abbreviations



Abbreviation	Definition
\$	United States Dollar
GDFH	Global Development for Humanity
HHs	Households
IDAC	Input Distribution and Advisory Center
LBR	Liberia
MFIs	Microfinance Institutions
MoUs	Memoranda of Understanding
SDGs	Sustainable Development Goals
SUSU	Soup-Soup (<i>Traditional Name</i>) or Rotating Savings and Credit Association (ROSCA)
VSLAs	Village Savings and Loan Associations

Agenda



01	Project Background and Timeline	5
02	Project Objectives and Economic Impact	9
03	Operational and Implementation Framework	12
04	Project Financials	15
05	Key Impact	20

Project Background and Timeline

Project Background

Key Challenges in Palala/Kowai Town, Kpaai District, Bong County



Dependence on Farming: Over 70% of the population in the Kpaai district relies on small-scale farming, which limits their income.



Affordability and Financing: Most farmers cannot afford inputs due to extreme poverty in the region and there is no financing options are available.



Quality Control: Uncertified, counterfeit, and expired products are sold in markets due to lack of effective control authorities.



Limited Skills: Many farmers lack the necessary skills to effectively apply agricultural inputs, particularly as farming challenges evolve each year.



Low Productivity: Limited access to quality inputs and proper tools reduces yields by up to 60%.



SOLUTION



Input Distribution and Advisory Center (IDAC)



Project Background

Strategic Solution - Input Distribution and Advisory Center (IDAC)



Capacity/Size:

An IDAC facility of 36 m² with a height of 5 m and a storage capacity of 110 m³.

Functionality:

The IDAC makes quality farming inputs affordable and accessible to smallholder farmers with appropriate guidance and instructions.

Beneficiaries:

Between 500-600 people, about 100-110 smallholder farmer families, with potential for future expansion.

Optimal Location:

The IDAC will be strategically located in Palala City, ensuring convenient access for the target communities.



Project Timeline



#	Project Timeline - IDAC _ LBR	Month 1				Month 2				Month 3				Month 4				Month 5				Month 6				Month 7			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Key Implementation Milestones (Start Date Unknown)																													
1	Conduct introductory meetings with authorities, town chiefs, and households; explain goals and roles.																												
2	Identify and inspect suitable land; prepare purchase agreement.																												
3	Procure construction materials and hire local contractor.																												
4	Construct IDC facility (storehouse, office, sanitation, roofing, etc.).																												
5	Furnish and equip IDC (shelves, desks, signage, weighing scale).																												
6	Train management committee (operations, recordkeeping, input handling).																												
7	Procure and deliver first round of inputs (seeds, fertilizers, tools).																												
8	Implement input distribution to 100 HHs; collect feedback and maintain records.																												
9	Conduct operational assessment and official handover.																												

Project Objectives and Economic Impact

Key Project Objectives Lead to Significant Economic Impact



Key Objectives



Timely Access

Provide affordable seeds, fertilizers, pesticides and tools to 100-110 smallholder farmers.



Financing Options

Provide farmers with favorable financing options to facilitate the purchase of relevant inputs.



Lower Costs

Reduce input expenses by 15-20% via bulk purchasing



Capacity Building

Strengthen local farming skills and record-keeping for sustainability

Key Economic Impact



Production

Total harvest of farmers is expected to increase by **240 tons**.



Income

Estimated increase in farmers annual income is US\$ 382 (**60%↑**).



Employment

Creating **36 FTE*** jobs in farming, logistics, and sales.



Infrastructure

Fully equipped IDAC facility with modern equipment and tools.



Food Security

80% households self-sufficient in staples & vegetables.



Database

Digital registry for data, loan history, inventory and harvest tracking.

*FTE stands for Full-Time Equivalent, meaning a standard full-time job with 172 working hours per month.

The IDAC project contributes directly to key Sustainable Development Goals (SDGs)

1 NO POVERTY



2 ZERO HUNGER



5 GENDER EQUALITY



8 DECENT WORK AND ECONOMIC GROWTH



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



Impact on Production, Income and Employment



Production

Total harvest of farmers is expected to increase by **240 tons** (60%↑).

Local farming products in the Palala/Kowai area include cassava, rice, bitter balls, okra, tomatoes, and cucumbers. Average size of land per farmer equals one hectare.

The use of high-quality inputs is expected to increase farmers' production by up to sixty percent. Fertilizers help restore soil fertility, pesticides prevent pest-related losses, and efficient tools reduce labor time and waste.



Income

Estimated increase in farming HHs annual income is \$382* (60%↑).

The projected income impact reflects farmers' anticipated increase in annual revenues once they receive the necessary agricultural inputs, modern tools, and continuous technical advisory support to optimize production and market access.

The average annual income of the HHs in the community is only \$635. IDAC will increase their total income to \$1,017, which equals a 60% increase.



Employment

Creating **36 FTE jobs** in farming, logistics, and sales.

The IDAC will create a total of 36 FTE jobs:

Job Created	
Security	1.00
Transportation	1.00
Technical advisory	0.50
Manager	0.50
Farming	33.0
Total jobs created	36.0

Out of 36 jobs created, 33 relate to farmers, who are the primary beneficiaries of the project.

* The projection is based on stability of market prices.

Operational and Implementation Framework

Key Operational Aspects



Tailored Input Packages

to provide relevant inputs

Bulk Purchasing

to reduce input costs

Loan Finance & Advisory

to improve affordability and to optimize farm practices

Structured Database

for records of inventory, loans, and harvest

Capacity Building

for proper use of inputs to maximize productivity

Oversight & Data Collection

for project efficiency, transparency, and accountability

Project Implementation Framework



Governance



Managed by GDfH team together with a community-elected management committee involving local authorities.

Operations



Farmers sign MoUs and become members to access the facility and services.

Capacity Building



Local staff and member farmers are trained in inventory management, record-keeping, and safe input handling.

Partnerships



Links will be established with MFIs, SUSU clubs, and VSLAs for financing and repayment support.

Payments & Revenue



Inputs are provided below market prices; payments are split into installments: 25% upfront and 75% after harvest.

Farmer Contribution



Farmer groups develop and share seasonal plans with the IDAC, guiding input distribution and repayment.

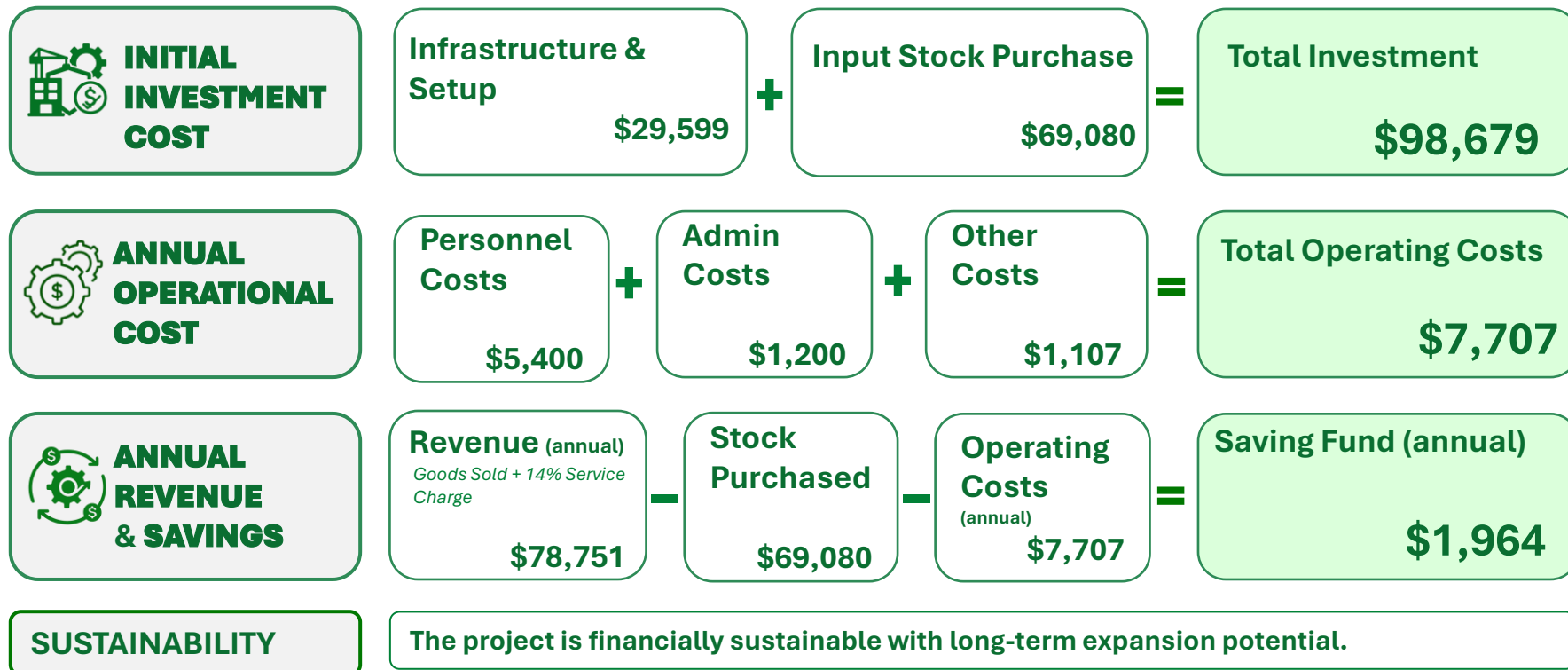
Surplus Use



Surplus is reinvested into operation and maintenance, training, expansion, and other sustainable development projects.

Project Financials

Overview of Project Financials



Disclaimer: Prices and revenue projections are subject to inflation and market fluctuations.

Project Financials

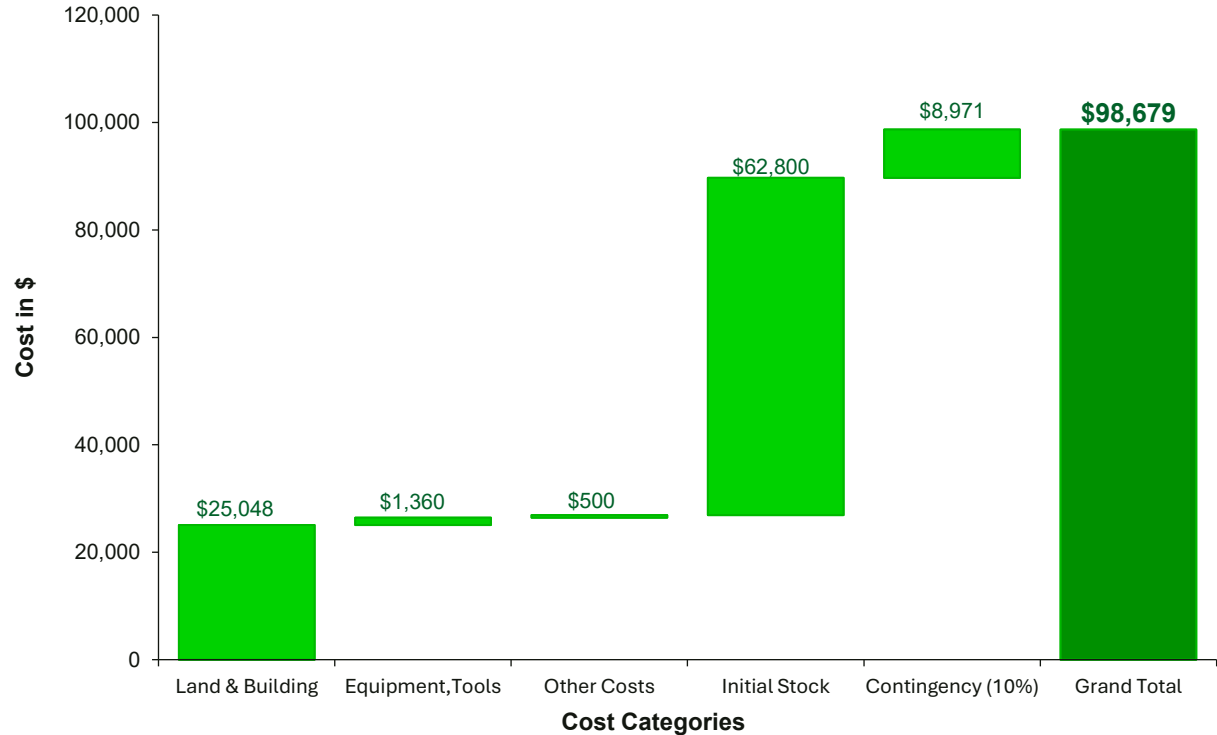
Total Initial Investment Costs



The chart illustrates the initial total investment required to establish the IDAC in Palala City, Liberia (LBR).

The **total project cost** amounts to **\$98,679**. The primary cost elements include **construction costs of the building (\$25,048)** with a capacity of 110 m³, and initial costs of high-quality **inputs and tools** for 100–110 farmers (**\$62,800**), which include fertilizers, pesticides, land preparation, manual application, and semi-mechanized equipment and tools.

The cost estimates are based on official bids received from companies that offer GDFH better conditions due to our non-profit operational focus.



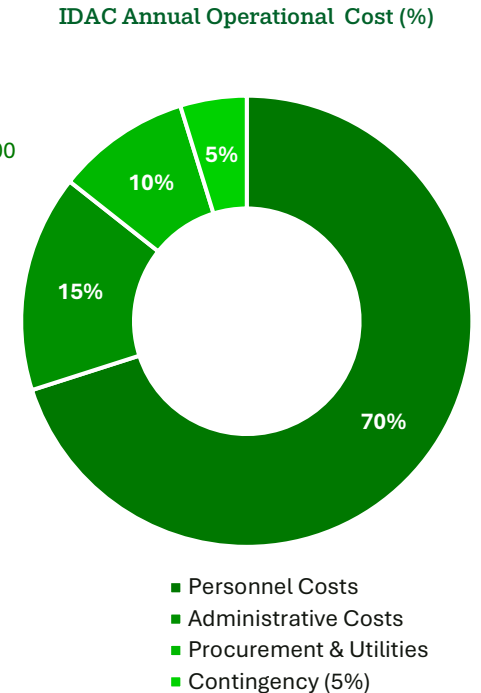
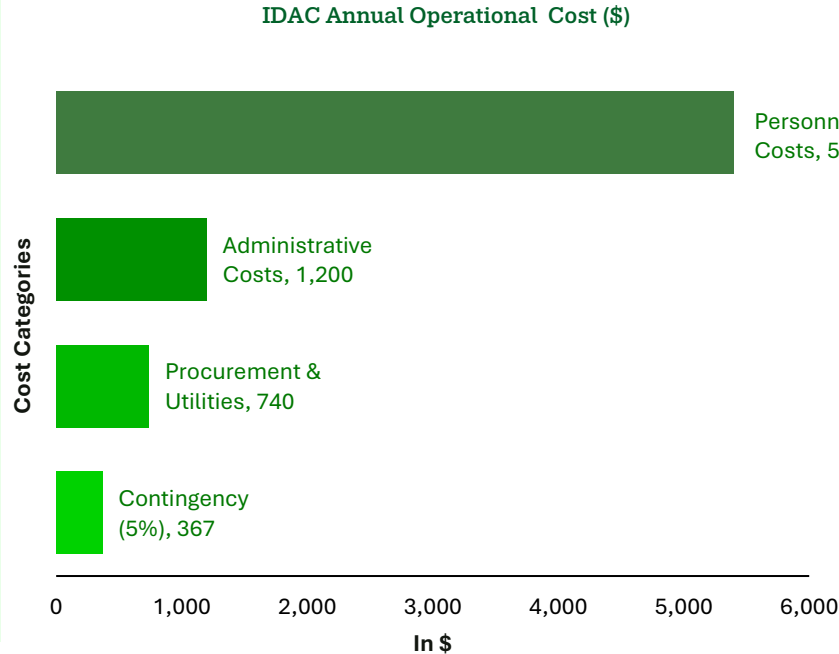
Project Financials

Annual Operating Costs



The charts illustrate the amount and percentage breakdown of the annual operating costs.

Personnel Costs (\$5,400, 70%) represent the largest expense category, covering three full-time positions annually, followed by **administrative costs (\$1,200, 16%)** for communication and office supplies, followed by **procurement & utilities (\$740, 10%)** for electricity, fuel, and transportation.



Project Financials

Annual Revenues and Savings

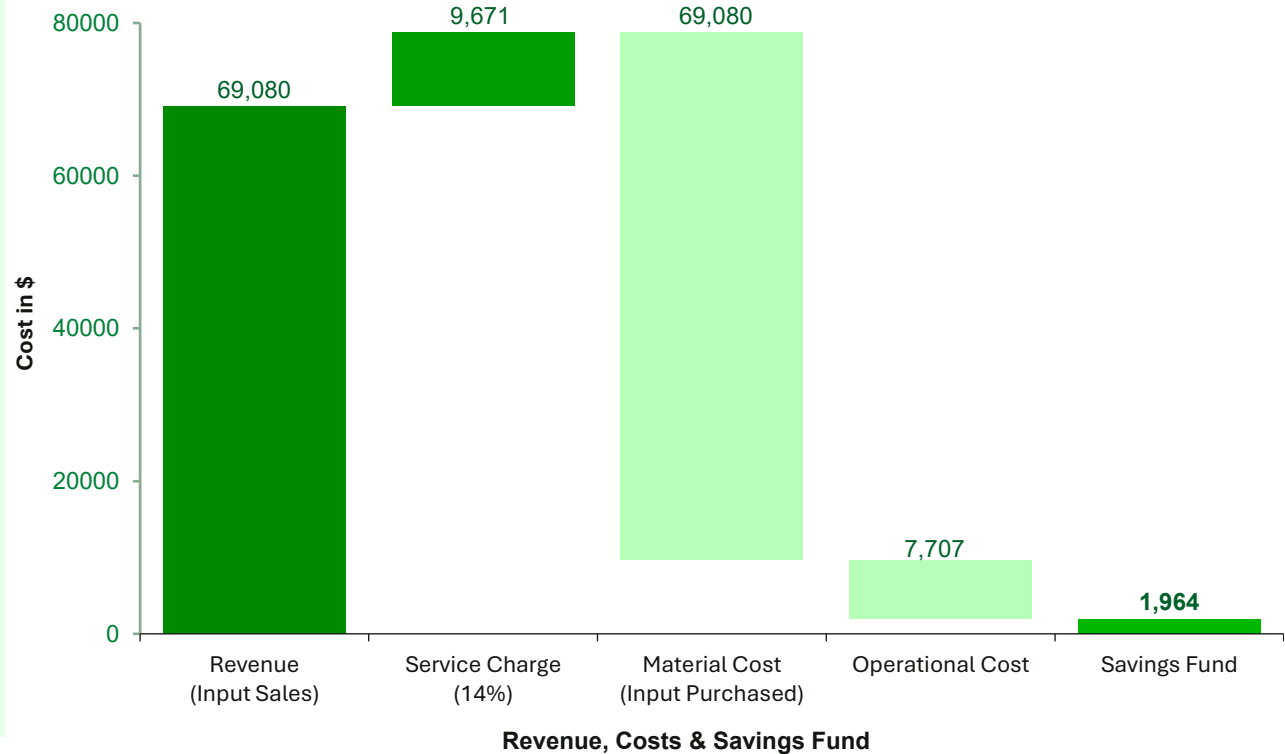


The chart illustrates the annual financial performance of the project.

Annual revenues are derived from the sale of input products and from service fees related to consultancy and farm field oversight, which represent the two primary sources of cash inflows.

Major expenses include **stock purchased (\$69,080)** and operational costs (**\$7,707**).

After accounting for all costs, the annual savings fund of \$1,964 demonstrates the project's financial sustainability and potential for reinvestment in scaling up similar development projects.



Key Impact

Overview Project Impact



Access and Advisory

IDAC ensures the timely and affordable delivery of high-quality agricultural inputs and tools to 100–110 local farmers, along with technical advisory services to improve farming practices and final harvests.



Capacity Building & Proactive Management

Quality inputs, tools, and training boost farmers' skills and productivity. Advisors enable proactive management by anticipating forthcoming challenges and planning effective solutions.



Economic Uplifting

An estimated increase in production of **240 tons** of farming products leads to an average annual income increase of **\$382 (60%)** per farmer and the creation of **36 full-time equivalent jobs**.



Sustainable Self-enforcing Model

A scalable, self-enforcing, and sustainable model for economic and social development, built on long-term development partnerships.



Strong Governance

Active involvement of local community leaders and authorities ensures project transparency, accountability, and cost efficiency, leading to maximum effectiveness and impact.

Thank You!



**We Sincerely Appreciate Your Attention and
Interest in Our Operations**



Our World, Our Responsibility

Join the Mission of Global Development For Humanity

Together, we can create a progressive world we can be proud of



Support

Contribute to our projects
to expand our impact



Partner

Collaborate with us to
promote a progressive world



Advocate

Spread the message to
increase awareness

Get in Touch

 www.gdfh.org	 info@gdfh.org	 +49 211 90997744
 Brehmstraße 3, 40239 Düsseldorf Germany	 Monday – Friday 8:00 AM - 6:00 PM	

