



WORLD VEGETABLE CENTER

(Legal name: Asian Vegetable Research and Development Center)

FINANCIAL STATEMENTS

FOR THE YEARS ENDED DECEMBER 31, 2018 and 2017

WITH

REPORT OF INDEPENDENT AUDITORS

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Independent Auditors' Report

To the Board of Directors
World Vegetable Center

Opinion

We have audited the financial statements of World Vegetable Center (“the Center”), which comprise the statement of financial position as of December 31, 2018 and 2017, the statements of activities, statement of changes in net assets and cash flows for the years ended December 31, 2018 and 2017, and notes to the financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Center as at December 31, 2018 and 2017, and its financial performance and its cash flows for the years then ended in accordance with the internationally accepted accounting principles for not-for-profit organizations as commonly adopted by international research centers.

Basis for Opinion

We conducted our audit in accordance with International Standards on Auditing (ISAs). Our responsibilities under those standards are further described in the *Auditors' Responsibilities for the Audit of the Financial Statements* section of our report. We are independent of the Center in accordance with the International Ethics Standards Board for Accountants' *Code of Ethics for Professional Accountants (IESBA Code)*, and we have fulfilled our other ethical responsibilities in accordance with these requirements and the IESBA Code. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis of our opinion.

Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with the internationally accepted accounting principles for not-for-profit organizations as commonly adopted by international research centers, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.



In preparing the financial statements, management is responsible for assessing the Center's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Center or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Center's financial reporting process.

Auditors' Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ISAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with ISAs, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

1. Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
2. Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Center's internal control.
3. Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
4. Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Center's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditors' report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditors' report. However, future events or conditions may cause the Center to cease to continue as a going concern.



5. Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

KPMG

CPA:

許振隆

Tainan, Taiwan, R.O.C

18 March, 2019

Report of Management

The financial statements of the World Vegetable Center are the responsibility of the management. The management is required to prepare annual financial statements which give a true and fair view of the financial position of the Center at the end of the year and of the results of activities and cash flows for that year. Management is responsible for the preparation and fair presentation of these financial statements in accordance with the basis of accounting described in Note II.

The World Vegetable Center maintains a system of internal controls designed to provide reasonable assurance that assets are safeguarded and transactions are properly executed. The World Vegetable Center's internal audit system provides ongoing evaluations of the adequacy, effectiveness and adherence to management's established policies and procedures. The Board of Directors exercises its responsibility for these financial statements through its Audit Committee.

The Audit Committee is composed of Director Members who are not officers of the Center and meets with the independent auditors, management and internal auditor periodically to discuss internal accounting controls, auditing and financial reporting matters. The Committee reviews, with the independent auditors, the scope and results of the audit effort.

The accompanying report is based on an audit by the independent accounting firm of KPMG.



Marco Wopereis
Director General



Dirk Overweg
Director of Finance

18 March, 2019

WORLD VEGETABLE CENTER
STATEMENT OF FINANCIAL POSITION
For the years ended December 31, 2018 and 2017
(Expressed in US Dollars)

ITEMS	NOTES	December 31, 2018		December 31, 2017	
		Amount	%	Amount	%
CURRENT ASSETS					
Cash and cash equivalents	II/ IV.1	\$ 13,378,654	85.3	11,914,382	81.9
Accounts Receivable	II				
- Donors	IV.2	495,227	3.1	631,793	4.4
- Regional Center/Offices		166,975	1.1	172,846	1.2
- Employees		106,755	0.7	151,522	1.0
- Others		50,314	0.3	76,128	0.5
Prepaid expenses		1,076,667	6.9	1,131,422	7.8
Inventories	II	<u>1,400</u>	<u>-</u>	<u>1,400</u>	<u>-</u>
Total Current Assets		<u>15,275,992</u>	<u>97.4</u>	<u>14,079,493</u>	<u>96.8</u>
PROPERTY AND EQUIPMENT	II/ IV.3				
Total cost		1,512,745	9.6	1,456,987	10.0
Less: Accumulated depreciation		<u>(1,103,898)</u>	<u>(7.0)</u>	<u>(992,221)</u>	<u>(6.8)</u>
Property and Equipment-Net		<u>408,847</u>	<u>2.6</u>	<u>464,766</u>	<u>3.2</u>
TOTAL ASSETS		<u>\$ 15,684,839</u>	<u>100.0</u>	<u>14,544,259</u>	<u>100.0</u>
CURRENT LIABILITIES					
Accounts payable	II				
- Donors	IV.4	\$ 6,779,882	43.2	4,938,793	34.0
- Regional Center/Offices		56,010	0.4	53,474	0.3
- Employees		702,408	4.5	767,673	5.3
- Others		372,799	2.4	624,220	4.3
Accruals	IV.5	<u>932,098</u>	<u>5.9</u>	<u>712,771</u>	<u>4.9</u>
Total Current Liabilities		<u>8,843,197</u>	<u>56.4</u>	<u>7,096,931</u>	<u>48.8</u>
NON CURRENT LIABILITIES					
Employee Separation Account	II/ IV.6	<u>1,512,019</u>	<u>9.6</u>	<u>1,609,997</u>	<u>11.1</u>
TOTAL LIABILITIES		<u>10,355,216</u>	<u>66.0</u>	<u>8,706,928</u>	<u>59.9</u>
NET ASSETS					
Accumulated Fund	II	1,687,269	10.8	2,019,592	13.9
Working Capital Fund	II	2,000,000	12.7	2,000,000	13.7
Capital Replacement Fund	II	50,000	0.3	39,647	0.3
Innovations Fund	II	610,000	3.9	297,462	2.0
Fixed Asset Fund	II	409,000	2.6	465,000	3.2
Growth Fund	II	575,000	3.7	800,000	5.5
Self-sustaining Operation Fund	II/ IV.8	<u>577,043</u>	<u>3.7</u>	<u>503,229</u>	<u>3.5</u>
TOTAL NET ASSETS		<u>5,908,312</u>	<u>37.7</u>	<u>6,124,930</u>	<u>42.1</u>
Translation adjustment	II	<u>(578,689)</u>	<u>(3.7)</u>	<u>(287,599)</u>	<u>(2.0)</u>
TOTAL LIABILITIES AND NET ASSETS		<u>\$ 15,684,839</u>	<u>100.0</u>	<u>14,544,259</u>	<u>100.0</u>

(The accompanying notes are an integral part of the financial statements)

WORLD VEGETABLE CENTER
STATEMENT OF ACTIVITY
For the years ended December 31, 2018 and 2017
(Expressed in US Dollars)

ITEMS	NOTE S	Jan. 1 ~ Dec. 31, 2018				Jan. 1 ~ Dec. 31, 2017	
		Unrestricted	Restricted	Total	%	Total	%
REVENUE							
Grant revenue	II/ IV.7	\$ 8,741,903	9,353,095	18,094,998	98.5	19,949,823	98.6
Other revenues and support	IV.7	<u>279,183</u>	<u>-</u>	<u>279,183</u>	<u>1.5</u>	<u>289,625</u>	<u>1.4</u>
Total Revenue		<u>9,021,086</u>	<u>9,353,095</u>	<u>18,374,181</u>	<u>100.0</u>	<u>20,239,448</u>	<u>100.0</u>
EXPENDITURES							
Operating expenses	II/ IV.7						
Personnel		7,484,150	2,834,697	10,318,847	56.2	10,883,685	54.2
Operating expenses		<u>2,153,580</u>	<u>6,518,398</u>	<u>8,671,978</u>	<u>47.2</u>	<u>10,150,949</u>	<u>49.8</u>
Total expenditures		<u>9,637,730</u>	<u>9,353,095</u>	<u>18,990,825</u>	<u>103.4</u>	<u>21,034,634</u>	<u>104.0</u>
Indirect cost recovery		<u>(1,049,502)</u>	<u>-</u>	<u>(1,049,502)</u>	<u>(5.7)</u>	<u>(1,487,607)</u>	<u>(7.4)</u>
Net expenditures		<u>8,588,228</u>	<u>9,353,095</u>	<u>17,941,323</u>	<u>97.7</u>	<u>19,547,027</u>	<u>96.6</u>
Net operating surplus (deficit)		<u>\$ 432,858</u>	<u>-</u>	<u>432,858</u>	<u>2.3</u>	<u>692,421</u>	<u>3.4</u>
Expenses extra-ordinary items							
Innovation Fund		151,214	-	151,214	0.8	175,028	0.9
Growth Fund		<u>571,871</u>	<u>-</u>	<u>571,871</u>	<u>3.1</u>	<u>124,576</u>	<u>0.6</u>
		<u>723,085</u>	<u>-</u>	<u>723,085</u>	<u>3.9</u>	<u>299,604</u>	<u>1.5</u>
Net surplus (deficit)		<u>(290,227)</u>	<u>-</u>	<u>(290,227)</u>	<u>(1.6)</u>	<u>392,817</u>	<u>1.9</u>

(The accompanying notes are an integral part of the financial statements.)

WORLD VEGETABLE CENTER
STATEMENT OF CHANGES IN NET ASSETS
For the years ended December 31, 2018 and 2017
(Expressed in US Dollars)

Description	Undesignated		Designated					Total
	Accumulated Fund	Working Capital Fund	Capital Replacement Fund	Innovations Fund	Fixed Asset Fund	Growth Fund	Self-sustaining Operation Fund	
Balance as at January 1, 2017	\$2,256,771	2,000,000	308,552	487,977	486,000	-	652,760	6,192,060
Allocated to Fixed Asset Fund	21,000	-	-	-	(21,000)	-	-	-
Allocated to Capital Replacement Fund	-	-	41,511	(41,511)	-	-	-	-
Allocated to Innovations Fund	(126,024)	-	-	126,024	-	-	-	-
Allocated to Growth Fund	(824,576)	-	-	(100,000)	-	924,576	-	-
Year's result	692,421	-	-	(175,028)	-	(124,576)	-	392,817
Income (use) of Capital Repl. Fund	-	-	(310,416)	-	-	-	-	(310,416)
Income (use) of Self-sustaining Operation	-	-	-	-	-	-	(149,531)	(149,531)
Balance as at December 31, 2017	2,019,592	2,000,000	39,647	297,462	465,000	800,000	503,229	6,124,930
Net change in Fixed Asset Fund	56,000	-	-	-	(56,000)	-	-	-
Allocated to Capital Replacement Fund	(10,559)	-	10,559	-	-	-	-	-
Allocated to Innovations Fund	(463,752)	-	-	463,752	-	-	-	-
Allocated to Growth Fund	(346,871)	-	-	-	-	346,871	-	-
Year's result	432,858	-	-	(151,214)	-	(571,871)	-	(290,227)
Income (use) of Capital Repl. Fund	-	-	(206)	-	-	-	-	(206)
Income (use) of Self-sustaining Operation	-	-	-	-	-	-	73,814	73,814
Balance as at December 31, 2018	<u>\$ 1,687,268</u>	<u>2,000,000</u>	<u>50,000</u>	<u>610,000</u>	<u>409,000</u>	<u>575,000</u>	<u>577,043</u>	<u>5,908,311</u>

(The accompanying notes are an integral part of the financial statements.)

WORLD VEGETABLE CENTER
STATEMENT OF CASH FLOWS
For the years ended December 31, 2018 and 2017
(Expressed in US Dollars)

ITEMS	Jan. 1 ~ Dec. 31, 2018	Jan. 1 ~ Dec. 31, 2017
CASH FLOW FROM OPERATING ACTIVITIES		
Change in net assets	\$ (216,618)	(67,130)
Adjustments to reconcile net income to net cash provided:		
Depreciation	111,677	164,607
Loss on disposal of assets	-	78
Change in operating assets and liabilities		
Decrease in accounts receivable	213,018	1,381,595
Decrease (increase) in prepaid expenses	54,755	(105,597)
Decrease in inventories	-	208
Increase in accounts payable	1,526,939	538,484
Increase in accruals	<u>219,327</u>	<u>26,601</u>
Net cash provided by operating activities	<u>1,909,098</u>	<u>1,938,846</u>
CASH FLOWS FROM INVESTING ACTIVITIES		
Acquisition of properties	<u>(55,758)</u>	<u>(143,737)</u>
Net cash used in investing activities	<u>(55,758)</u>	<u>(143,737)</u>
CASH FLOWS FROM FINANCING ACTIVITIES		
Decrease in reserves from employee separation account	<u>(97,978)</u>	<u>(194,865)</u>
Net cash used in financing activities	<u>(97,978)</u>	<u>(194,865)</u>
NET INCREASE IN CASH AND CASH EQUIVALENTS	1,755,362	1,600,244
TRANSLATION ADJUSTMENT	(291,090)	155,405
CASH AND CASH EQUIVALENTS AT THE BEGINNING OF THE YEAR	<u>11,914,382</u>	<u>10,158,733</u>
CASH AND CASH EQUIVALENTS AT THE END OF THE YEAR	<u>\$ 13,378,654</u>	<u>11,914,382</u>

(The accompanying notes are an integral part of the financial statements.)

WORLD VEGETABLE CENTER
NOTES TO FINANCIAL STATEMENTS
December 31, 2018 and 2017
(Expressed in US Dollars unless otherwise specified)

I. Organization and Operations

The World Vegetable Center (WorldVeg, the Center) was founded in 1971 as an international, non-profit research and development organization to promote vegetable production and consumption in Asia, with its headquarters in Shanhua, Tainan, Taiwan, based on the agreed Charter of May 22, 1971. The Republic of China as host government has provided WorldVeg with all necessary legal capacities to carry out its activities as an international organization.

WorldVeg's tasks have been globalized and extended to Africa and Asia over the years. WorldVeg wants to achieve lasting positive impact on the nutritional status, income and well-being of the people – particularly in Africa and Asia – based on quality, long-term complementary partnerships in vegetable science and development. The Center strives to find an effective and appropriate balance between research to produces technologies, and development to ensure impact. Its work is based around three global flagships that address the entire vegetable value chain and one supporting, cross-cutting flagship.

- Safe and Sustainable Value Chains
- Healthy Diets
- Vegetable Diversity and Improvement
- Enabling Impact

The Center is governed by a Board of Directors, which consists of representatives of the original signatories to the Center's Charter and individuals elected by the Board who have experience in determining the policies and programs of the Center.

The financial requirements of the Center are funded mainly by contributions and grants or donations from member and non-member countries and organizations.

The Center may terminate its operations by a resolution adopted unanimously by all members of the Board of Directors. In case the Center terminates its operations, all buildings, equipment and other assets belonging to the Center (and/or affiliated sub-Centers) will be transferred, upon the concurrence and approval of the Board of Directors and host country, to organizations in the host country which were formed and are operated exclusively for scientific or educational purposes and which meet certain conditions prescribed in the Center's Charter.

Members of the Board of Directors with tenure in 2018:

- Dr. Junne-Jih Chen, ROC, Chair of the Board (joined in April 2011)
- Dr. Chi-chung Chen, ROC, (joined in Feb 2018)
- Dr. Myung Rae Cho, Korea (joined in August 2017)
- Mr. George Culaste, Philippines (joined in November 2017)
- Dr. Richard Ellis, UK (joined in April 2017)
- Dr. Julie Howard, USA (joined in April 2017)
- Dr. Masa Iwanaga, Japan (joined in April 2016)
- Dr. Hsueh-Shih Lin, ROC (term ended in Feb 2018)
- Dr. Marlis Lindecke, Germany (joined in June 2015)
- Mr. Gordon MacNeil, Canada (joined in April 2016)
- Dr. Bonnie McClafferty, USA (joined in December 2017)
- Mr. Shigehiro Nishiumi, Japan (joined in November 2017)
- Ms. Ndidi Nwuneli, Nigeria (joined in Nov 2018)
- Ms. Cathy Reade, Australia (joined in April 2013)
- Dr. Lindiwe Sibanda, Zimbabwe (joined in Nov 2018)
- Dr. Chongrak Wachrinrat, Thailand (joined in Feb 2016)
- Dr. Dennis Wang, ROC (joined in Feb 2018)
- Dr. Marco Wopereis, the Netherlands, DG, ex-officio member (joined in April 2016)

The number of staff working at the Center as of 31 December, 2018 and 2017:

	31 December, 2018			31 December, 2017		
	HQ	Regions	Total	HQ	Regions	Total
Internationally recruited staff	21	20	41	25	25	50
Nationally recruited staff	179	163	342	177	160	337
Total	200	183	383	202	185	387

II. Summary of significant accounting policies

WorldVeg’s accounting policies and practices conform to internationally accepted accounting principles for not-for-profit organizations and are comparable to those used by other international agricultural research centers.

The principal accounting policies set out below have been applied consistently to all periods presented in these financial statements.

1. Use of estimates

The preparation of financial statements on an accrual basis requires management to make estimates and judgments that affect the recorded amounts of assets and liabilities. The Center continually evaluates these estimates, including those related to valuation of inventories and useful life of the Center's properties. The Center makes its estimates based on historical experience and assumptions which it believes to be reasonable under the circumstances. Actual results may differ from these estimates under different assumptions and conditions.

2. Revenue recognition

Unrestricted grants are pledged on an annual basis and are recognized as revenue in the year for which the grant is pledged.

Restricted grants (grants received for specific purposes and thus conditionally committed) are recognized as revenue only to the extent that the donor conditions have been substantially met and to the extent that the funds are expended. Any unexpended restricted funds at the end of the year are carried forward to the next financial year as current liabilities.

Other income is recognized when earned.

3. Expenditures

Expenditures are accounted for on an accrual basis.

4. Translation adjustment of foreign currencies

The Center records its transactions in the currencies in which these are denominated. The accompanying financial statements reflect the actual amounts of transactions in US dollars, and the US dollar equivalents of transactions in other currencies based on the monthly exchange rates prevailing on the date of the transaction. Assets and liabilities denominated in foreign currencies are translated at year-end bank buying exchange rates.

5. Cash equivalents

Cash equivalents are short-term, highly liquid investments that are readily convertible to known amounts of cash and which present insignificant risks from changes in interest rates.

6. Accounts receivable

Accounts receivable are classified as:

- Donors: claims on donors for expenses advanced by WorldVeg for projects and unpaid donor pledges for unrestricted core activities.
- Regional centers: claims from regional centers for expenses advanced to the projects. This occurs where the regional center is hosted by another organization and the hosting organization is the legal owner of the bank account managed by the regional center.
- Employees: includes loans/advances to officers and advances to employees for official travel.
- Others: including claims on sub-contractors and advances to building contractors/suppliers.

7. Doubtful debts

On the basis of management's assessment, a 10% provision is generally recorded on the grants receivables and any other receivables that management deems necessary to provide for. In specific cases, different allowances are made for doubtful debts on the basis of their lack of recoverability.

8. Inventories

Inventories are stated at the lower of weighted-average cost or net realizable value.

9. Property and Equipment

Properties are stated at cost. Major additions, renewals and betterments are capitalized when the purchase valued exceeds 1,500 USD and the funding source is unrestricted.

Depreciation is applied using the straight-line method over the following service lives:

Furniture and laboratory equipment	4~15 years
Computer equipment	4 years

Gain (loss) on disposal of properties is presented as revenue (expenditure) in the financial statements.

10. Accounts payable

Accounts payable are classified as:

- Donors: unrestricted grants received from donors for which conditions are not yet met and amounts payable to donors in respect of any unspent funds received in advance for restricted grants.

- Regional centers: for expenses on the regional center's projects when pre-financed by the hosting organization or funds received in advance from other organizations for planned activities.
- Employees: includes payables to officers, expenses for official travel advanced by the employees and annual bonus & performance bonuses due to performance in the current year but to be paid out the next year.

11. Accounts payable-Others

This includes the payables to other organizations for work subcontracted to WorldVeg; committed funds for research activities at headquarters and payables to trainees and suppliers.

12. Pension plan-local employees at HQ

The Center has a retirement savings plan covering all local employees at headquarters. The Center deposits 1/12 to 2/12 of each employee's monthly salary, depending on the service period, to a savings fund. Employees qualified for retirement will be entitled to receive their contributions to the fund plus accumulated interest. Payments from the fund are governed by the provisions of the plan. The savings fund is not part of the balance sheet of WorldVeg.

The Center has set up in 1999 an early retirement plan for local employees at headquarters. Under this plan, the employee can opt for early retirement at 60 or 55 years of age, and receive a compensation between half to one month of salary per year, for the remaining years of service up to their regular retirement age.

13. Accumulated fund

This fund is the result from the accumulated surpluses of current and previous years and is used to finance the other net asset funds. The accumulated fund is used exclusively in support of the Center's overall operations.

14. Working capital fund

The working capital fund is used to finance the Center's working capital and ongoing operational requirements. Yearly transfers are made to this fund from the accumulated fund.

15. Capital replacement fund

This represents net assets designated by management for future acquisition or replacement of fixed assets.

16. Innovation fund

This represents net assets designated by management to explore innovative research and development ideas.

17. Growth fund

This fund is limited in time and has the purpose to attract a few highly qualified staff to facilitate fundraising and jump start new areas of research areas in line with the 2017-2020 operational plan.

18. Fixed asset fund

This represents investment of the Center in property and equipment at net value.

19. Self-sustaining operation fund

The self-sustaining operation fund represents the operating fund for the Center's staff housing maintenance.

20. Current and non-current classification of assets and liabilities

Current assets include cash and other assets that are expected to be realized in cash or be consumed within one year from the date of financial statements. Current liabilities are liabilities expected to be liquidated within one year. All other assets and liabilities are classified as non-current items.

III. Financial risk management

Risk management is carried out under policies approved by the Board of Directors and executed by the Center's risk management committee at HQ and regional risk management teams. A risk management coordinator at HQ has been appointed to coordinate day to day risk management activities in the Center.

Financial risks are identified, evaluated and managed according to these policies.

Foreign exchange risk

The Center manages foreign risk by converting its foreign currency collections into spending currency on an ongoing basis to cater for its operational requirements. As a result, the Center does not hold large amounts in currency deposits other than in the recipient and spending currencies.

Liquidity risk

Prudent liquidity risk management includes maintaining sufficient cash due to the dynamic nature of the underlying business. Management monitors rolling forecasts of the Center's liquidity reserve based on expected cash flow.

Project risk

The Center avoids pre-financing as much as possible and maintains an overview to assess the financial risk involved. A sound financial management system, regular monitoring of project spending and capacity building in project management skills reduces the risk of budget overspending or the incurrence of ineligible expenses.

IV. Content of Significant Accounts

1. Cash and Cash Equivalents

	<u>Dec. 31, 2018</u>	<u>Dec. 31, 2017</u>
Cash on hand	\$ 27,662	62,017
Cash in bank	11,350,992	10,852,365
Time deposits	2,000,000	1,000,000
Total	<u>\$ 13,378,654</u>	<u>11,914,382</u>

2. Accounts Receivable – Donors

	<u>Dec. 31, 2018</u>	<u>Dec. 31, 2017</u>
Donors – Restricted projects	\$ 839,227	689,793
Donors – Unrestricted projects	50,000	-
Less: Provision for doubtful account	(394,000)	(58,000)
Net	<u>\$ 495,227</u>	<u>631,793</u>

Donors – Restricted projects are usually based on agreed-upon budgets and expenditures, and are subject to certain conditions and terms as set forth in agreements with the donors. Detailed information on restricted project funds is provided in Appendix I-a and I-b.

3. Property and Equipment

A. Unrestricted

This table lists the book value of fixed assets bought with unrestricted funds. Items purchased by WorldVeg prior to 2002 (when WorldVeg introduced accrual

accounting) had book value of 0 as of 1 January 2002 and are not included in cost figures and accumulated depreciation below. Buildings and other items held in custody by WorldVeg are excluded as well.

	Dec. 31, 2018	Dec. 31, 2017
Cost:		
Furniture, laboratory equipment and others	\$ 1,164,284	1,124,847
Computer equipment	348,461	332,140
	<u>1,512,745</u>	<u>1,456,987</u>
Less: Accumulated depreciation		
Furniture, laboratory equipment and others	(820,774)	(743,873)
Computer equipment	(283,124)	(248,348)
	<u>(1,103,898)</u>	<u>(992,221)</u>
Net	<u>\$ 408,847</u>	<u>464,766</u>

The movement of the properties is shown in Appendix II.

B. Others

The Center recorded the capital expenditures as deductions from funds, and accordingly such expenditures were not reflected as assets through December 31, 2001. The Center maintains a memo record of the purchase price of such properties (buildings in custody and fixed assets bought with non-core funds) still in use as of December 31, 2018 and 2017, as follows:

	Dec. 31, 2018	Dec. 31, 2017
Buildings	\$ 4,604,337	4,604,337
Greenhouses	127,379	127,379
Heavy-duty equipment	836,635	836,635
Centralized air conditioners	298,008	298,008
Vehicles	1,739,322	1,687,916
Furniture and laboratory equipment	5,183,292	5,170,796
Computers and others	1,723,155	1,635,139
Total	<u>\$ 14,512,128</u>	<u>14,360,210</u>

4. Accounts Payable- Donors

Donors – Restricted projects are normally based on agreed-upon budgets and expenditures, and are subject to certain conditions and terms as set forth in agreements with the donors. Detailed information on restricted project funds is provided in Appendix I-a and I-b.

5. Accruals

Accruals include accrued expenses of the Center, deferred payment for activities and other expenses. As of December 31, 2018 and 2017, details were as follows:

	<u>Dec. 31, 2018</u>	<u>Dec. 31, 2017</u>
Accrued expenses	\$ 772,098	592,771
Deferred payment for activities	160,000	120,000
Total	<u>\$ 932,098</u>	<u>712,771</u>

6. Employee Benefit

A. *Employee Separation Account:*

As of December 31 2018 and 2017, details of employee separation benefit account were as follows:

	<u>Dec. 31, 2018</u>	<u>Dec. 31, 2017</u>
Leave pay	\$ 792,000	802,000
Repatriations	420,000	525,000
Incentives for early retirement pay	112,000	110,000
Separation Costs – ESEA	136,472	111,533
Separation Costs – ESA	46,341	44,559
Separation Costs – WCA	5,206	16,905
Total	<u>\$ 1,512,019</u>	<u>1,609,997</u>

ESEA: The World Vegetable Center East and Southeast Asia.

ESA: The World Vegetable Center Eastern and Southern Africa.

WCA: The World Vegetable Center West and Central Africa.

In 2018, local employees and international staff are entitled to compensation of unused annual leave of up to 25 days if their length of service on date of termination is 15 years and up to 44 days if their length of service on date of termination exceeds 15 years. Employees are compensated for accumulated unused annual leave upon resignation or termination.

The Center shall bear the transportation and relocation cost of the international staff and their immediate family upon termination of employment.

B. *Pension Cost and Retirement:*

The Center has made arrangement for its international staff to be provided with payroll administration services by the Association of International Agricultural

Research Centers (AIARC) so that they may participate in suitable retirement and group insurance plans. The Center pays the entire cost of participation in these plans.

Likewise, the Center makes a contribution of between 1/12 and 2/12 of each employee's monthly salary into a Post Office Savings account designated to pay pension/retirement benefit for local staff.

In 2018 and 2017, the employee benefits included the contributions to:

	2018	2017
Retirement plans for international staff	\$ 542,067	573,959
Retirement savings fund for local employees	316,264	321,265
Total	\$ 858,331	895,224

Changes in the savings fund for the retirement plan for local employees for the years end December 31, 2018 and 2017 were summarized as follows:

	2018	2017
Balance, beginning of year	\$ 4,803,168	4,885,019
Translation adjustment	(118,729)	289,075
Contributions	316,264	321,265
Interest income	36,719	44,432
Payments	(606,676)	(736,623)
Balance, end of year	\$ 4,430,746	4,803,168

7. Unrestricted Funds

Information on unrestricted funds for the years ended December 31, 2018 and 2017 were summarized as follows:

(1) Contributions received from:

	2018	2017
ACIAR	\$ 322,855	318,115
Germany	-	272,970
Japan	9,196	9,363
Philippines	50,000	50,000
Republic of China	4,768,017	4,686,877
Republic of Korea	50,000	50,000
Thailand	135,661	134,996
UK/DFID	2,496,174	1,895,390
USAID	910,000	906,455
Total	\$ 8,741,903	8,324,166

(2) Other information pertaining to this fund were summarized as follows:

Other revenues and support:	2018	2017
Interest earned from funds other than the contributions from the USA	\$ 60,175	33,087
Miscellaneous	219,008	256,538
Total	\$ 279,183	289,625

(3) Operating expenditures:

Personnel:	2018	2017
International	\$ 3,612,626	3,662,068
Local	3,871,524	4,169,013
Total	\$ 7,484,150	7,831,081

Operating costs:	2018	2017
Supplies and services	\$ 1,644,844	1,081,444
Travel	273,696	294,072
Training, workshops and other meetings	98,369	37,773
Depreciation	115,509	164,607
Construction & Rehabilitation	21,162	-
Total	\$ 2,153,580	1,577,896

All expenditures incurred for units of the director general, board of directors, administration and financial services were summarized as indirect costs. The supplementary schedule of computation of indirect costs rate is shown in Appendix III.

8. Self-sustaining Operation Fund

Changes in the fund for the years ended December 31, 2018 and 2017 were summarized as follows:

	2018	2017
Fund balance, beginning of year	\$ 503,229	652,760
Staff housing rentals	62,912	61,408
Staff housing maintenance expenses	(76,576)	(310,359)
Staff vehicle maintenance fund	121,580	118,140
Staff vehicle maintenance expenses	(34,102)	(18,720)
Net change in fund	73,814	(149,531)
Fund balance, end of year	\$ 577,043	503,229

9. Prior Year Comparatives

None.

World Vegetable Center
Restricted project expenses (sorted in decreasing order of expenses of the year)
For the year ended December 31, 2018
(Expressed in US Dollar unless otherwise specified)

Project No.	Donor	Lead Partner (1	Project Name	Start date	End Date	Total Budget	Expenses until December 2017	Expenses in 2018	Total Expenses	Variance (Budget - Expenses)	Exp as % of Budget
10000246	USAID		Deploying Improved Vegetable Technologies to Overcome Malnutrition and Poverty in Mali	May 14	Mar. 19	8,200,000	6,359,951	1,288,830	7,648,780	551,220	93%
10000264	USAID		Deploying Improved Vegetable Technologies to Overcome Malnutrition and Poverty in Mali (Module 2)	Apr. 15	Mar. 19	4,395,166	2,461,803	1,182,589	3,644,392	750,774	83%
10000336	DFID		Unleashing the economic power of vegetables in Africa through quality seed of improved varieties	May 18	Sept. 20	2,752,168		442,929	442,929	2,309,239	16%
10000340	ROC/COA		Research Infrastructure Modernization Project	Jan. 18	Dec. 21	1,672,241		420,543	420,543	1,251,698	25%
10000291	BMZ/GIZ		Resist Detect Protect Wide spectrum insect resistance and sound management strategies to sustainably manage insect pests on Solanaceous vegetables in South Asia	Jan. 17	Dec. 19	1,289,463	200,417	404,749	605,166	684,297	47%
10000326	ROC/MOFA		MOFA 2018. Networking to enhance international cooperation in vegetable research and development.	Jan. 18	Dec. 18	600,000		392,286	392,286	207,714	65%
10000253	USAID		Deploying Vegetable Seed Kits to Tackle Malnutrition In Cambodia, Kenya, Liberia, Tanzania and Uganda	Sept. 14	Sept. 18	4,621,230	4,440,066	372,514	4,812,580	- 191,350	104%
10000335	ROC/COA		Strengthening cooperation between AVRDC and COA on vegetable research and development	Jan. 18	Dec. 18	362,037		350,933	350,933	11,104	97%
10000273	ACIAR		Establishing the International Mungbean Improvement Network	Jan. 16	Dec. 19	1,597,648	422,591	331,629	754,221	843,427	47%
10000254	BMZ/GIZ		Beans with Benefits: Integrating improved mungbean as a catch crop into the dryland systems of South and Central Asia for increased smallholder farmer income and more sustainable production systems	Apr. 15	Mar. 18	1,406,528	1,021,729	304,116	1,325,845	80,683	94%
10000***	ROC/MOFA		MOFA Extensions	Apr. 15	Dec. 16	969,321	481,477	240,897	722,374	246,947	75%
10000362	BMZ/GIZ		BMZ Genebank Funding 2018	Jan. 18	Sept. 19	266,254		203,404	203,404	62,850	76%
10000195	USAID		Postharvest component -USAID Agreement No. AID-BFS-IO-12-000-04	Sept. 12	Sept. 18	3,400,000	3,207,681	194,374	3,402,055	- 2,055	100%
10000293	Govt. Odisha		Improve Mungbean and Urdbean Productivity in Odisha State	Dec. 15	Mar. 18	352,497	158,321	192,860	351,181	1,316	100%
10000237	BMZ/GIZ		Attraction in Action: Using pheromones and other safe and sustainable management strategies to reduce losses from insect pests and plant diseases on vegetable legumes and leafy brassicas in Southeast Asia	Apr. 14	Dec. 17	1,523,473	1,195,649	173,919	1,369,568	153,905	90%
10000292	Private Sector		Broadening the narrow genetic base of commercial bitter melon cultivars by exploiting the genetic diversity of WorldVeg's breeding lines	Apr. 17	Mar. 20	530,000	104,024	170,859	274,883	255,117	52%

Project No.	Donor	Lead Partner (1)	Project Name	Start date	End Date	Total Budget	Expenses until December 2017	Expenses in 2018	Total Expenses	Variance (Budget - Expenses)	Exp as % of Budget
10000311	ACIAR		CIM/2016/174 Improved mungbean harvesting and seed production systems for Bangladesh, Myanmar and Pakistan	July 17	June 21	798,651	35,098	132,362	167,461	631,191	21%
10000325	Govt. Jharkand		Implementation support on High Value Agriculture (HVA) through demonstration, research studies, technical support and capacity building on various vegetables and horticulture crops under JOHAR project	Mar. 18	Feb. 23	1,387,864		123,257	123,257	1,264,607	9%
10000300	APSA		APSA-WorldVeg Vegetable Breeding Consortium	Jan. 17	Dec. 19	298,400	23,559	118,352	141,911	156,489	48%
10000307	Govt. Odisha		Onion Value Chain Improvements in Odisha	May 16	Nov. 18	389,793	53,076	114,565	167,640	222,153	43%
10000308	Govt. Japan		Selection of tropically-adapted lines of vegetables to improve productivity of the vegetable value chain in Myanmar and Vietnam (Year 3)	July 17	June 18	141,854	29,488	112,366	141,854	0	100%
10000312	BMZ/GIZ		Technical partnership to support tomato value chain development under the green innovation center for the agriculture and food sector, India	May 17	Dec. 18	174,917	53,514	107,387	160,901	14,016	92%
10000182	USAID	IITA	Cereal-based Systems of West Africa: Vegetables and associated best management practices in cereal-based crop production systems to improve income and diets of rural and urban households in Northern Ghana & Southern Mali	May 12	Oct. 19	1,216,142	1,045,917	103,127	1,149,044	67,098	94%
10000339	USAID		Tajikistan Nutrition-Sensitive Vegetable Technologies - Phase 2	May 18	Apr. 20	350,000		101,215	101,215	248,785	29%
	Miscellaneous	Miscellaneous	Projects with expenses 2018 < 100,000 USD			17,031,438	8,860,233	1,773,034	10,633,267	6,398,171	62%
Totals						55,727,085	30,154,594	9,353,095	39,507,689	16,219,396	71%

(1) If a lead partner is defined, WordVeg executes the project activities under a signed agreement with the lead partner.

Typically the lead partner has signed the main agreement with the donor.

(2) For USAID projects the budget is set to the amount obligated by USAID.

World Vegetable Center
Changes in restricted funds and restricted project expenses
For the year ended December 31, 2018
(Expressed in US Dollar unless otherwise specified)

Donor	Lead Partner (1)	No.	Project Name	Start date	End Date	Receivables from donor on 1/1/2018	Advances from donor on 1/1/2018	Adjustment	Funds received in 2018	Expenses in 2018	Receivables from donor to date	Accounts Payable to date	Total Budget	Expenses until December 2017	Expenses (2) in 2018	Total Expenses	Variance (Budget - Expenses)
ACIAR		1	Improving income and nutrition in Eastern and Southern Africa by enhancing vegetable-based farming and food systems in peri-urban corridors	June 13	Dec. 17		56,719	- 56,719	-	-			2,277,622	2,133,101	-	2,133,101	144,521
ACIAR	Charles Darwin University (CDU)	2	Promoting traditional vegetable production and consumption for improved livelihoods in Papua New Guinea and Northern Australia	June 14	Dec. 18	1,409		3,293	16,613	18,498			94,340	82,009	18,498	100,506	- 6,166
ACIAR		3	Establishing the International Mungbean Improvement Network	Jan. 16	Dec. 19		376,349		414,676	331,629		459,396	1,597,648	422,591	331,629	754,221	843,427
ACIAR		4	CIM/2016/174 Improved mungbean harvesting and seed production systems for Bangladesh, Myanmar and Pakistan	July 17	June 21		66,841		190,152	132,362		124,631	798,651	35,098	132,362	167,461	631,191
ACIAR	Bioversity International	5	GP/2018/101 Analysing Schools as Platforms to Improve Diets Livelihoods and the Environment in East Africa	July 18	Dec. 18				19,567	7,978		11,589	24,471		7,978	7,978	16,493
ACIAR						1,409	499,909	- 53,425	641,008	490,468	-	595,615	4,792,733	2,672,799	490,468	3,163,266	1,629,466
AIM	GAIN	1	Amsterdam Initiative against Malnutrition	Dec. 14	June 19	2,440			-	11,588	14,028		57,936	34,594	11,588	46,181	11,755
AIM						2,440	-	-	-	11,588	14,028	-	57,936	34,594	11,588	46,181	11,755
Barry Callebaut (BC)		1	Diversify and improve household incomes and tackle malnutrition in cocoa communities through vegetable home garden in Ghana	Sept. 18	Feb. 20				48,787	8,826		39,961	122,015		8,826	8,826	113,189
Barry Callebaut (BC)						-	-	-	48,787	8,826	-	39,961	122,015	-	8,826	8,826	113,189
BBSRC	NIAB	1	Improving production of Solanum Aethiopicum in Africa	July 18	June 21				4,166	15,738	11,571		391,356		15,738	15,738	375,618
BBSRC						-	-	-	4,166	15,738	11,571	-	391,356	-	15,738	15,738	375,618
Belgian Gov	TRIAS	1	Implementing market-driven vegetable agricultural service providers (ASPs) linking smallholder farmers to services and markets	Jan. 17	Dec. 18	28,625			103,580	82,396	7,441		108,081	28,625	82,396	111,021	- 2,940
Belgian Gov						28,625	-	-	103,580	82,396	7,441	-	108,081	28,625	82,396	111,021	- 2,940
BIO 520		1	A trial program to evaluate the efficacy of a natural growth enhancement product for six Vegetable Crops	Mar. 18	Feb. 19				49,750	27,171		22,579	62,500		27,171	27,171	35,329
BIO 520						-	-	-	49,750	27,171	-	22,579	62,500	-	27,171	27,171	35,329
BMZ/GIZ		1	Attraction in Action: Using pheromones and other safe and sustainable management strategies to reduce losses from insect pests and plant diseases on vegetable legumes and leafy brassicas in Southeast Asia	Apr. 14	Dec. 17		207,761	- 44,348	10,505	173,919			1,523,473	1,195,649	173,919	1,369,568	153,905
BMZ/GIZ	ICIPE	2	Enhancing the Livelihood Opportunities of Smallholder African Indigenous Vegetable (AIV) Producers through the Development and Implementation of IPM Measures for Arthropod and Nematode Pests	Jan. 14	Dec. 17	19,108		- 3,854	26,796	3,835			220,619	185,023	3,835	188,858	31,761

Donor	Lead Partner (1)	No.	Project Name	Start date	End Date	Receivables from donor on 1/1/2018	Advances from donor on 1/1/2018	Adjustment	Funds received in 2018	Expenses in 2018	Receivables from donor to date	Accounts Payable to date	Total Budget	Expenses until December 2017	Expenses (2) in 2018	Total Expenses	Variance (Budget - Expenses)
BMZ/GIZ		3	Beans with Benefits: Integrating improved mungbean as a catch crop into the dryland systems of South and Central Asia for increased smallholder farmer income and more sustainable production systems	Apr. 15	Mar. 18		313,080		-	304,116		8,964	1,406,528	1,021,729	304,116	1,325,845	80,683
BMZ/GIZ		4	BMZ Ghana Durchfuhrung: Determining the Household Dietary Diversity Score (HDDS) and Individual Dietary Diversity Score (IDDS) in Dodoma and Mbeya, Tanzania	Dec. 15	Dec. 15			0	-	0			11,051	11,582	0	11,583	532
BMZ/GIZ		5	Nutrition-Sensitive Promotion of Vegetables (NutriSenseProm) - through public and private partnerships efficiently delivering effective nutrition messages in the vegetable value chain	Mar. 16	Mar. 18		41,413	8,359	4,677	54,450			109,096	62,519	54,450	116,969	7,872
BMZ/GIZ	Humboldt University	6	Component under BMBF/BMZ GlobE Diversifying Food Systems: Horticultural Innovations and Learning for Improved Nutrition and Livelihood in East Africa (HORTINLEA) Phase 2	July 16	Dec. 18		36,313		36,931	86,512	13,268		182,862	102,812	86,512	189,325	6,463
BMZ/GIZ	Kassel Universiteit	7	African-German partnership to enhance resource use efficiency in urban and peri-urban agriculture for improved food security in West African cities (Urban-Food-Plus)	July 16	Sept. 18		17,154		30,317	27,490		19,981	127,445	80,263	27,490	107,753	19,692
BMZ/GIZ		8	Resist Detect Protect Wide spectrum insect resistance and sound management strategies to sustainably manage insect pests on Solanaceous vegetables in South Asia	Jan. 17	Dec. 19		247,061		469,791	404,749		312,103	1,289,463	200,417	404,749	605,166	684,297
BMZ/GIZ		9	Action Against Anthracnose: Resistant C. annuum chilli pepper introgression lines and cultivars for Bangladesh	Jan. 17	Mar. 19		18,355		55,784	49,828		24,310	104,533	33,912	49,828	83,740	20,793
BMZ/GIZ		10	Technical partnership to support tomato value chain development under the green innovation center for the agriculture and food sector, India	May 17	Dec. 18		26,351		78,141	107,387	2,895		174,917	53,514	107,387	160,901	14,016
BMZ/GIZ		11	Small grants for construction of a Zero Energy Cooling Chamber in Mali	Oct. 17	Dec. 17		1,001		-	1,406	405		1,926	925	1,406	2,332	405
BMZ/GIZ		12	Determining household dietary diversity score (HDDS) and individual dietary diversity score (IDDS) of rice producing households in Mbeya and Dodoma regions, Tanzania	Jan. 18	Mar. 18				11,170	12,463	1,293		12,497		12,463	12,463	34
BMZ/GIZ		13	Amazing Amaranth: Hardy and nutritious amaranth lines and food practices to improve nutrition in East Africa	Feb. 18	Jan. 21				227,252	86,088		141,164	1,401,676		86,088	86,088	1,315,588
BMZ/GIZ		14	GrAfrica: Introduce grafted plantlets to improve yield and income for smallholder tomato producers in sub-Saharan Africa	Jan. 18	Dec. 19				61,552	33,366		28,186	123,144		33,366	33,366	89,777
BMZ/GIZ	Multiflower Ltd.	15	Enhance the use of biological pest control for growing ornamental plants in Arusha	Aug. 18	Dec. 19				42,423	20,097		22,325	93,391		20,097	20,097	73,294
BMZ/GIZ		16	BMZ Genebank Funding 2018	Jan. 18	Sept. 19				-	203,404	203,404		266,254		203,404	203,404	62,850
BMZ/GIZ						19,108	908,490	- 39,842	1,055,341	1,569,113	221,266	557,034	7,048,875	2,948,346	1,569,113	4,517,458	2,531,417
Members		2	African Vegetable Breeding Consortium (AVBC)	July 18	June 19				21,965	595		21,370	21,965		595	595	21,370
Members		1	APSA-WorldVeg Vegetable Breeding Consortium	Jan. 17	Dec. 19		89,641		189,800	118,352		161,089	298,400	23,559	118,352	141,911	156,489
Breeding Consortia						-	89,641	-	211,765	118,947	-	182,459	320,365	23,559	118,947	142,506	177,859
CInI		1	Improved Livelihoods through Crop Diversification into Vegetables in Jharkhand and Odisha under Central India Initiative	May 16	Mar. 19		15,216		31,937	36,952		10,201	220,223	78,092	36,952	115,044	105,179

Donor	Lead Partner (1)	No.	Project Name	Start date	End Date	Receivables from donor on 1/1/2018	Advances from donor on 1/1/2018	Adjustment	Funds received in 2018	Expenses in 2018	Receivables from donor to date	Accounts Payable to date	Total Budget	Expenses until December 2017	Expenses (2) in 2018	Total Expenses	Variance (Budget - Expenses)
CInI						-	15,216	-	31,937	36,952	-	10,201	220,223	78,092	36,952	115,044	105,179
CRS	CRS	1	Implementation of the Youth Vegetable Business Hub (YVBH) Project	Aug. 17	Nov. 18		7,420		73,774	79,504		1,690	101,356	20,717	79,504	100,221	1,135
CRS						-	7,420	-	73,774	79,504	-	1,690	101,356	20,717	79,504	100,221	1,135
DFID	Wageningen Economic Research	1	IMMANA Project ENRICH	Feb. 17	Mar. 19				17,703	20,632	2,929		23,077		20,632	20,632	2,445
DFID		2	Unleashing the economic power of vegetables in Africa through quality seed of improved varieties	May 18	Sept. 20				1,330,300	442,929		887,371	2,752,168		442,929	442,929	2,309,239
DFID						-	-	-	1,348,003	463,561	2,929	887,371	2,775,245	-	463,561	463,561	2,311,685
Dutch MOFA	IFDC	1	2SCALE vegetable pilots in Nigeria	May 18	Dec. 18				58,513	29,107		29,406	58,512		29,107	29,107	29,406
Dutch MOFA	ICCO	2	G4AW-Ankor SALAD	May 18	Apr. 21				36,910	27,246		9,665	346,227		27,246	27,246	318,981
Dutch MOFA	IFDC	3	2SCALE vegetable pilots in Cote d'Ivoire	July 18	Dec. 18				40,604	44,881	4,277		45,297		44,881	44,881	416
Dutch MOFA	IFDC	4	2SCALE vegetable pilots in Mali	May 18	Dec. 18				17,697	13,047		4,650	17,807		13,047	13,047	4,760
Dutch MOFA						-	-	-	153,724	114,280	4,277	43,721	467,843	-	114,280	114,280	353,564
European Commission		1	Linking genetic resources, genomes and phenotypes of Solanaceous crops	Mar. 16	Feb. 21		34,028		92,269	92,163		34,134	472,859	96,279	92,163	188,442	284,418
European Commission						-	34,028	-	92,269	92,163	-	34,134	472,859	96,279	92,163	188,442	284,418
FAO		1	A Comparative Study of Seed Legislation and Policies and their Effect on the Private and Public Seed Sector in Countries of the Asia and Pacific Region	May 18	Mar. 19				72,677	39,868		32,809	90,847		39,868	39,868	50,979
FAO						-	-	-	72,677	39,868	-	32,809	90,847	-	39,868	39,868	50,979
GATES	Food, Agriculture and Natural Resources Policy Analysis Network	1	Training ATONU Project Staff on Vegetable Production in Tanzania	Feb. 17	Mar. 17	1,494		140	-	1,355			20,650	22,005	1,355	20,650	-
GATES		2	Nudging children toward healthier food choices: An experiment combining school and home gardens	Jan. 18	Jan. 20				55,389	83,699	28,310		159,362		83,699	83,699	75,663
GATES						1,494	-	140	55,389	82,345	28,310	-	180,012	22,005	82,345	104,349	75,663
GBIF		1	Capacity building towards digitization of national vegetable databases to address regional and national priorities in food and nutritional security in Eastern Africa	Feb. 17	Jan. 19		4,340		15,224	14,424		5,140	22,823	-	14,424	14,424	8,399
GBIF						-	4,340	-	15,224	14,424	-	5,140	22,823	-	14,424	14,424	8,399
GCDT		1	Building the Genesys Catalog of Phenotypic Datasets	Jan. 17	July 18	6,939		983	24,342	18,386			41,813	27,823	18,386	46,209	4,396

Donor	Lead Partner (1)	No.	Project Name	Start date	End Date	Receivables from donor on 1/1/2018	Advances from donor on 1/1/2018	Adjustment	Funds received in 2018	Expenses in 2018	Receivables from donor to date	Accounts Payable to date	Total Budget	Expenses until December 2017	Expenses (2) in 2018	Total Expenses	Variance (Budget - Expenses)
GCDT		2	Development and preparation of eggplant pre-bred materials for adaptation to climate change	July 17	June 19		20,962		121,578	98,518		44,021	280,000	19,828	98,518	118,347	161,653
GCDT						6,939	20,962	983	145,920	116,904	-	44,021	321,813	47,651	116,904	164,556	157,257
GoJ		1	Implementation support on High Value Agriculture (HVA) through demonstration, research studies, technical support and capacity building on various vegetables and horticulture crops under JOHAR project in Jharkhand	Mar. 18	Feb. 23				-	123,257	123,257		1,387,864		123,257	123,257	1,264,607
GoJ						-	-	-	-	123,257	123,257	-	1,387,864	-	123,257	123,257	1,264,607
GoO		1	Improve Mungbean and Urdbean Productivity in Odisha State	Dec. 15	Mar. 18		27,298		158,950	192,860	6,612		352,497	158,321	192,860	351,181	1,316
GoO		2	Onion Value Chain Improvements in Odisha	May 16	Nov. 18		86,819		150,863	114,565		123,118	389,793	53,076	114,565	167,640	222,153
GoO						-	114,117	-	309,813	307,425	6,612	123,118	742,290	211,397	307,425	518,821	223,469
IFAD	ICRAF	1	Food Trees project in Kitui and Tharaka Nithi, Kenya	May 18	Dec. 18				31,480	31,123		357	35,000		31,123	31,123	3,877
IFAD						-	-	-	31,480	31,123	-	357	35,000	-	31,123	31,123	3,877
Kagome		1	Screening for development of begomovirus-resistant processing tomato hybrid	Oct. 10	Dec. 18		9,883		4,854	11,400		3,337	147,907	131,951	11,400	143,350	4,557
Kagome						-	9,883	-	4,854	11,400	-	3,337	147,907	131,951	11,400	143,350	4,557
Korea/RDA		1	Identification of molecular markers associated with disease and insect resistance for marker assisted selection (MAS) in tomato (Solanum lycopersicum) breeding programs	Mar. 16	Jan. 18		14,357	- 972	-	13,385			120,000	105,643	13,385	119,028	972
Korea/RDA		2	Development of Breeding Techniques and Selection of Disease Resistant Germplasm in Vegetables	Jan. 17	Dec. 19		13,938		35,000	50,768	1,830		105,000	21,062	50,768	71,830	33,170
Korea/RDA		3	Developing screening methods and germplasm to improve tolerance to abiotic stress in pepper (Capsicum spp.)	Jan. 18	Dec. 19				120,972	37,152		83,820	120,000		37,152	37,152	82,848
Korea/RDA						-	28,295	- 972	155,972	101,305	1,830	83,820	345,000	126,705	101,305	228,010	116,990
MAFF (Japan)		1	Selection of tropically-adapted lines of vegetables to improve productivity of the vegetable value chain in Myanmar and Vietnam (Year 3)	July 17	June 18		112,366	0	-	112,366			141,854	29,488	112,366	141,854	0
MAFF (Japan)		2	Selection of tropically-adapted lines of vegetables to improve productivity of the vegetable value chain in Myanmar and Vietnam (Phase 2 Year 1)	July 18	June 19				159,169	45,828		113,341	159,169		45,828	45,828	113,341
MAFF						-	112,366	0	159,169	158,194	-	113,341	301,023	29,488	158,194	187,682	113,341
Participants		1	2019 Tomato Disease Symposium	June 18	May 19				-	3,310	3,310		76,000		3,310	3,310	72,690
Participants						-	-	-	-	3,310	3,310	-	76,000	-	3,310	3,310	72,690
PSSC		1	Private seed sectors support to AVRDC's global cucurbit breeding program	Apr. 16	Mar. 19		93,096		-	71,968		21,129	204,975	111,879	71,968	183,846	21,129

Donor	Lead Partner (1)	No.	Project Name	Start date	End Date	Receivables from donor on 1/1/2018	Advances from donor on 1/1/2018	Adjustment	Funds received in 2018	Expenses in 2018	Receivables from donor to date	Accounts Payable to date	Total Budget	Expenses until December 2017	Expenses (2) in 2018	Total Expenses	Variance (Budget - Expenses)
PSSC		2	Broadening the narrow genetic base of commercial bitter melon cultivars by exploiting the genetic diversity of WorldVeg's breeding lines	Apr. 17	Mar. 20		345,976		80,000	170,859		255,117	530,000	104,024	170,859	274,883	255,117
PSSC						-	439,073	-	80,000	242,827	-	276,246	734,975	215,902	242,827	458,729	276,246
ROC/COA		1	Strengthening cooperation between AVRDC and COA on vegetable research and development	Jan. 17	Dec. 17	97,369		2,958	94,411	-			471,440	471,784	-	471,784	- 344
ROC/COA	Agricultural Technology Research Institute (ATRI)	2	Screening of tomato germplasm for resistance to important diseases and using molecular markers to assess the resistance of tomato to phylotype II of bacterial wilt	Jan. 17	Dec. 17	154		154	-	-			66,789	66,344	-	66,344	445
ROC/COA		3	Use of grafting technology for disease resistance and climate resilience for tomato production in Taiwan and US	June 17	Dec. 17	55		55	-	-			24,340	24,271	-	24,271	69
ROC/COA		4	Evaluation of F1 vegetables in Thailand and India	July 17	Apr. 18		26,600	486	-	27,086			31,224	4,758	27,086	31,845	- 621
ROC/COA		5	Tomato Variety Trials in Thailand and Market Survey	Aug. 17	Apr. 18		20,373		9,593	5,890		24,076	31,389	1,776	5,890	7,666	23,724
ROC/COA		6	Development of screening systems to evaluate the resistance of tomato germplasm to major diseases	Jan. 18	Dec. 18				39,347	55,932	16,585		58,269		55,932	55,932	2,337
ROC/COA		7	Strengthening cooperation between AVRDC and COA on vegetable research and development	Jan. 18	Dec. 18				249,045	350,933	101,887		362,037		350,933	350,933	11,104
ROC/COA		8	NSP tomato trials for Hualien DARES in 2018	Jan. 18	Apr. 19				20,599	3,615		16,984	29,944		3,615	3,615	26,329
ROC/COA		9	Research Infrastructure Modernization Project	Jan. 18	Dec. 21				1,645,051	420,543		1,224,508	1,672,241		420,543	420,543	1,251,698
ROC/COA		10	Evaluation of F1 vegetables in Thailand and India 2018	Aug. 18	Apr. 19				24,441	1,821		22,621	24,425		1,821	1,821	22,605
ROC/COA						97,577	46,973	3,652	2,082,488	865,820	118,472	1,288,189	2,772,099	568,934	865,820	1,434,754	1,337,345
ROC/MOFA		1	MOFA extensions		Dec. 18	86,772	314,317	-	400,000	202,947	-	424,597	1,858,035	900,245	202,947	1,103,193	754,842
ROC/MOFA		2	MOFA 2018. Networking to enhance international cooperation in vegetable research and development.	Jan. 18	Dec. 18				600,000	392,286		207,714	600,000		392,286	392,286	207,714
ROC/MOFA						86,772	314,317	-	1,000,000	595,233	-	632,312	2,458,035	900,245	595,233	1,495,478	962,556
ROC/MOST		1	A holistic approach towards the design of new tomato varieties and management practices to improve yield and quality in the face of climate change	July 16	Dec. 19		5,382		35,254	32,089		8,546	106,683	27,047	32,089	59,136	47,547
ROC/MOST		2	Whole-genome resequencing of tomato to identify genes associated with durable resistance to bacterial wilt (Ralstonia solanacearum)	Aug. 18	July 19				18,086	20,783	2,697		36,001		20,783	20,783	15,218
ROC/MOST		3	Fine mapping of the late blight resistance genes derived from Solanum pimpinellifolium accession VI030462	Aug. 18	July 21				18,491	5,159		13,332	110,549		5,159	5,159	105,390

Donor	Lead Partner (1)	No.	Project Name	Start date	End Date	Receivables from donor on 1/1/2018	Advances from donor on 1/1/2018	Adjustment	Funds received in 2018	Expenses in 2018	Receivables from donor to date	Accounts Payable to date	Total Budget	Expenses until December 2017	Expenses (2) in 2018	Total Expenses	Variance (Budget - Expenses)
ROC/MOST		4	Cool peppers for climate-resilient Capsicum production in Taiwan	Aug. 18	July 21				16,855	6,280		10,575	100,766		6,280	6,280	94,487
ROC/MOST						-	5,382	-	88,686	64,311	2,697	32,454	354,000	27,047	64,311	91,358	262,641
TW Sugar		1	Development and Utilization of Indigenous Vegetables	Mar. 17	Dec. 17	1,093		- 42	1,135	-			10,955	10,934	-	10,934	21
TW Sugar						1,093	-	- 42	1,135	-	-	-	10,955	10,934	-	10,934	21
USAID	IITA	1	Africa RISING: Enhancing vegetable value chains in rice-based and sole crop production systems to improve farm household income and consumer access to safer vegetables in Morogoro, Tanzania	Apr. 12	Sept. 19		7,581		-	7,581			617,957	519,671	7,581	527,252	90,705
USAID	IITA	2	Cereal-based Systems of West Africa: Vegetables and associated best management practices in cereal-based crop production systems to improve income and diets of rural and urban households in Northern Ghana & Southern Mali	May 12	Oct 19		165,009	-	15,827	103,127		46,055	1,216,142	1,045,917	103,127	1,149,044	67,098
USAID		3	Postharvest component -USAID Agreement No. AID-BFS-IO-12-000-04	Sept. 12	Sept. 18		192,319	2,055	-	194,374			3,400,000	3,207,681	194,374	3,402,055	- 2,055
USAID	CIMMYT	4	Promoting Science and Innovation in Agriculture in Pakistan (PSIAP) - Agricultural Innovation program (AIP)	Mar. 13	Mar. 17	109,217		109,922	-	705			2,504,998	2,692,344	705	2,693,049	- 188,051
USAID		5	Deploying Improved Vegetable Technologies to Overcome Malnutrition and Poverty in Mali	May 14	Mar. 19	259,951			2,000,000	1,288,830		451,220	8,200,000	6,359,951	1,288,830	7,648,780	551,220
USAID		6	Deploying Vegetable Seed Kits to Tackle Malnutrition In Cambodia, Kenya, Liberia, Tanzania and Uganda	Sept. 14	Sept. 18		181,164		-	372,514	191,350		4,621,230	4,440,066	372,514	4,812,580	- 191,350
USAID	IITA	7	Enhancing partnership among Africa RISING, NAFKA and TUBORESHE CHAKULA Programs for fast-tracking delivery and scaling of agricultural technologies in Tanzania	Oct. 14	Sept. 17	1,116		- 0	-	1,116			592,278	593,394	- 1,116	592,278	0
USAID		8	Deploying Improved Vegetable Technologies to Overcome Malnutrition and Poverty in Mali (Module 2)	Apr. 15	Mar. 19		1,158,197		745,000	1,182,589		720,608	4,395,166	2,461,803	1,182,589	3,644,392	750,774
USAID	UC Davis-Rutgers	9	Improving Nutrition and Income of Smallholder Farmers in Eastern Africa using a Market Driven Approach to Enhance Value Chain Production of African Indigenous Vegetables	June 15	Dec. 18	31,610			31,525	39,915	40,000		130,000	90,085	39,915	130,000	-
USAID	IFPRI	10	Support the validation of Pro-WEAI for the "Gender, Agriculture, and Assets Project - Phase 2" (GAAP-2)	May 16	Sept. 19		7,468		23,479	15,301		15,646	94,251	15,677	15,301	30,979	63,272
USAID	MIT	11	Evaluation of Low-Cost Vegetable Cooling and Storage Technologies in Mali	Feb. 17	Sept. 17	739		739	-	-			15,000	15,739	-	15,739	- 739
USAID	University/Pennsylvania State University	12	Women in Agriculture Network (WAgN) Cambodia: Gender and Ecologically Sensitive Agriculture	Oct. 15	Sept. 19		83		12,213	9,825		2,471	26,756	9,612	9,825	19,437	7,319
USAID		13	Tajikistan Nutrition-Sensitive Vegetable Technologies - Phase 2	May 18	Apr. 20				105,000	101,215		3,785	350,000		101,215	101,215	248,785
USAID	Fintrac	14	Improving the nutritional status and income of smallholder farmer households through scaling improved, nutrient-dense traditional African vegetables (TAVs) in the Zanzibar Islands	Aug. 18	Sept. 20				-	2,988	2,988		320,828		2,988	2,988	317,841
USAID	IFDC	15	Development of Fertilizer Deep Placement for Vegetable in Mali	July 18	July 19				8,076	2,843		5,233	16,151		2,843	2,843	13,308

Donor	Lead Partner (1)	No.	Project Name	Start date	End Date	Receivables from donor on 1/1/2018	Advances from donor on 1/1/2018	Adjustment	Funds received in 2018	Expenses in 2018	Receivables from donor to date	Accounts Payable to date	Total Budget	Expenses until December 2017	Expenses (2) in 2018	Total Expenses	Variance (Budget - Expenses)
USAID						402,633	1,711,821	112,716	2,909,465	3,320,690	234,338	1,245,017	26,500,758	21,451,941	3,320,690	24,772,631	1,728,127
USDA	World Food Programme	1	An Assessment of Three Cash-Based School Meals Modalities Combined with Complementary Nutrition-Sensitive Literacy Education	July 17	May 18	3,900		0	46,521	42,621			103,380	60,759	42,621	103,380	- 0
USDA						3,900	-	0	46,521	42,621	-	-	103,380	60,759	42,621	103,380	- 0
WB	IITA	1	Facilitating Value Addition and Processing in the Context of the Cassava, Maize, Banana, Vegetable, and Livestock Value Chains (PRODEMA) Activities to support fruits and vegetables value chain	Aug. 17	Dec. 19		1,304		61,142	91,878	29,432		292,339	15,850	91,878	107,728	184,612
WB	ARIAS Society	2	Technical Advisory Assistance to Assam Agribusiness & Rural Transformation Project (APART) for the Vegetable Value Chains	June 18	May 23				-	29,457	29,457		1,400,197		29,457	29,457	1,370,740
WB						-	1,304	-	61,142	121,334	58,889	-	1,692,536	15,850	121,334	137,184	1,555,352
Others		1	Support for the implementation of PADFA's onion seed programme	Oct. 12	Dec. 17	34,776		1,070	33,706	-			420,173	410,960	-	410,960	9,212
Others	Hortitechs Developpement	2	Utilizing the genome of the vegetable Cleomo gynandra for the development of improved cultivars for the West and East African markets (The Netherlands Organisation for Scientific Research)	Jan. 15	Dec. 17	3,028		796	2,231	-			6,299	6,923	-	6,923	- 624
Others		3	Multiple disease resistant and heat tolerant tomato lines evaluation	Jan. 16	Dec. 17		4,018	- 4,018	-	-			16,910	12,892	-	12,892	4,018
Others		4	8th International Diamond back moth (DBM) Conference	Dec. 18	Nov. 19				717	-		717	65,000		-	-	65,000
Others						37,804	4,018	- 2,152	36,654	-	-	717	508,381	430,776	-	430,776	77,606
Totals						689,793	4,367,553	21,058	11,070,691	9,353,095	839,227	6,255,642	55,727,085	30,154,594	9,353,095	39,507,689	16,219,396

(1) If a lead partner is defined, WordVeg executes the project activities under a signed agreement with the lead partner.

Typically the lead partner has signed the main agreement with the donor.

(2) For USAID projects the budget is set to the amount obligated by USAID.

**World Vegetable Center
Properties
For the year ended December 31, 2018
(Expressed in US Dollars)**

Appendix II

	2018			2017
	Furniture and laboratory equipment	Computer equipment	Total	Total
Cost				
Beginning of the year	1,124,847	332,140	1,456,987	1,313,375
Additions	39,436	16,322	55,758	143,737
Disposals	-	-	-	(125)
End of the year	1,164,284	348,461	1,512,745	1,456,987
Accumulated depreciation				
Beginning of the year	743,873	248,348	992,221	827,661
Additions	76,901	34,776	111,677	164,607
Disposals	-	-	-	(47)
End of the year	820,774	283,124	1,103,898	992,221
Net book value	343,509	65,337	408,847	464,766

**World Vegetable Center
Computation of Indirect Cost Rate
For the year ended December, 31 2018**

Appendix III

	2018	2017
Direct costs: Research Expenses (including services)	\$ 14,691,403	16,621,489
Indirect Costs (Institutional Costs)	3,250,053	2,925,538
Total Costs	\$ 17,941,456	19,547,027
Percentage Indirect/direct	22.1%	17.6%
Direct/Total expenditures	81.9%	85.0%
Indirect/Total expenditures	18.1%	15.0%