ON THE GROUND INITIATIVES OF LOCAL GOVERNMENTS OF THE PHILIPPINES IN 4 PER 1000

TAGUPA, VICTORIANO I.

Agriculture is the Solution for Climate Change Symposium. Shiga Prefecture, Japan. 13-15 May 2019
CONTENTS

I. CONTEXTUAL FRAMEWORK
概念的枠組

II. ASIAS BEST EXAMPLE MODELS OF STATE-WIDE AND MUNICIPAL/CITY-WIDE ON THE GROUND INITIATIVES
州域・市町村域の現場イニシアチブのアジア最高のモデル例

III. CO-CREATION OF SOCIETAL TRANSFORMATIONS IN ORGANIC 3.0 AND SDGs 2030 FRAMEWORK
オーガニック3.0、SDGs2030枠組における社会変化の共同創出

IV. LOAMC-PH VISION AND SDGs 2030
フィリピン有機農業自治体同盟(LOAMC-PH)のビジョンとSDGs 2030

V. LOAMC-PH FIVE (5) CASES ON THE GROUND INITIATIVES IN 4p1000
LOAMC-PHのフォーパーミル現場イニシアチブの5つの事例

VI. CONCLUSION
結論
Agriculture is the Solution for Climate Change Symposium.
Shiga Prefecture, Japan. 13-15 May 2019
Agriculture is the Solution for Climate Change Symposium.
Shiga Prefecture, Japan. 13-15 May 2019
ORGANIC AGRICULTURE DEVELOPMENT IS ONE OF THE BEST SOLUTION IN CLIMATE CHANGE MITIGATIONS
有機農業開発は、気候変動緩和の最高の解決策の一つ

ORGANIC AGRICULTURE DEVELOPMENT IS NOT SIMILAR TO AGRICULTURE DEVELOPMENT
有機農業開発は、農業開発とは異なる

LOAMC-PH IS WORKING FOR THE OPERATIONALIZATION OF SDGs 2030 ON THEIR OVER 100 MUNICIPALITIES AND CITIES
LOAMC-PHは、100以上の自治体でSDGs2030の実現に取り組んでいる

LOAMC-PH MOBILIZES FARMERS AND ITS CITIZENS (GOAL 17)
LOAMC-PHは、農業者と市民を動員する（ゴール17）
ASIA’S ORGANIC 3.0 BEST EXAMPLES OF LOCAL GOVERNMENTS

The award recognizes and promotes outstanding achievements within the context of the three areas of sustainability. Special attention in the selection process will be given to real innovation, role models and role potential that could be up-scaled and “globalized”.

この賞は、持続可能性の3つの領域の傑出した成果を評価・奨励する。選考過程では、実際の革新、模範となること、規模拡大及び「国際展開」できる可能性に特に留意される。
MUNICIPALITY OF DUMINGAG, ZAMBOANGA DEL SUR
南サンボアンガ州デュミンガッグ町

2012 GLOBAL WINNER OF ONE WORLD AWARD (OWA)
2012年ワンワールド賞受賞

IFOAM (International Federation of Organic Agriculture Movements) Organic International)
国際有機農業運動連盟

Rapunzel
ラプンツェル社

Agriculture is the Solution for Climate Change Symposium.
Shiga Prefecture, Japan. 13-15 May 2019
FROM ARMS TO FARMS
TURNING MUSLIM REBEL COMMANDERS INTO ORGANIC FARMERS

9% POVERTY INCIDENCE ON 2019 FROM 79% ON 2010
貧困率は、2010年の79%から2019年には9%に
FAO WORLD FUTURE POLICY AWARD IN AGROECOLGY IN FAO, ROME ON OCTOBER 15, 2018

GOLD AWARD FOR SIKKIM STATE OF INDIA WITH 66,000 ORGANIC CERTIFIED FARMERS

HONORABLE MENTION FOR KAUSWAGAN, LANAO DEL NORTE

9% POVERTY INCIDENCE ON 2019 FROM 79% ON 2010

Agriculture is the Solution for Climate Change Symposium.
Shiga Prefecture, Japan. 13-15 May 2019
16-21 SEPT. 2018
EVENTS IN BISLIG CITY
2018年9月16〜21日
ビスリグ市におけるイベント

- IFOAM Asia 3RD Organic Asia Congress
  国際有機農業運動連盟アジア第三回有機
  アジア会議

- ALGOA (Asian Local Governments for Organic
  Agriculture )Forum
  アジア有機農業自治体(ALGOA)フォーラム

- Asian Organic Agriculture Youth Forum
  アジア有機農業青年フォーラム

- OFIA (Organic Farming Innovations Award)
  有機農業革新賞(OFIA)

- Launching of National Organic Agriculture
  Scientists in the Philippines
  フィリピン全国有機農業科学者

Agriculture is the Solution for Climate Change Symposium.
Shiga Prefecture, Japan. 13-15 May 2019
3rd ORGANIC ASIA CONGRESS IN BISLIG CITY, PHILIPPINES. 18-21 SEPTEMBER 2018

第3回有機アジア会議
2018年9月18～21日

Agriculture is the Solution for Climate Change Symposium.
Shiga Prefecture, Japan. 13-15 May 2019
NEW MINDSET
新たな発想

NEW THINKING
新たな思考

ORGANIC 3.0 BEST EXAMPLES

2018 SIKKIM STATE

2018 FUTURE POLICY AWARD BY KAUSWAGAN, PH

2016 PEACE AND DEVELOPMENT INITIATIVES IN BOGOTA, COLOMBIA BY KAUSWAGAN, PH

2012 OWA, DUMINGAG, PH

Agriculture is the Solution for Climate Change Symposium.
Shiga Prefecture, Japan. 13-15 May 2019
Agriculture is the Solution for Climate Change Symposium.
Shiga Prefecture, Japan. 13-15 May 2019
Sustainable Organic Food System, Healthy Lifestyles and Consumption Framework
持続可能な有機食料システム、健康的な生活様式と消費の枠組
LEAGUE OF ORGANIC AGRICULTURE MUNICIPALITIES AND CITIES IN THE PHILIPPINES (LOAMC-PH)

フィリピン有機農業自治体同盟

SEC. REGISTRATION NO. CN201317911

HOTLINE NO: 0935-684-4595

EMAIL ADDRESS: loam_Philippines@yahoo.com, loamphilippines@gmail.com

Agriculture is the Solution for Climate Change Symposium.
Shiga Prefecture, Japan. 13-15 May 2019
THE ONLY NATIONAL ORGANIZATION OF LOCAL CHIEF EXECUTIVES (LCEs) OR MAYORS IN THE PHILIPPINES

フィリピンの市町村長の唯一の全国組織
VISION AND MISSION OF LOAMC-PH

VISION
A LEADING NATIONAL ORGANIZATION OF LOCAL CHIEF EXECUTIVES OF THE PHILIPPINES THAT ENVISIONS A WELL-DEVELOPED NATION WHEREIN PEOPLE ARE LIBERATED FROM POVERTY, HUNGER AND SICKNESS THROUGH SUSTAINABLE ORGANIC AGRICULTURE DEVELOPMENT.

MISSION
LEAD THE PROMOTION AND IMPLEMENTATION OF SUSTAINABLE ORGANIC AGRICULTURE PROGRAMS IN THE COUNTRY THROUGH THE HELP AND PARTICIPATION OF THE GENERAL MEMBERSHIP.
LOAMC - PH MOBILIZES/UTILIZES ITS SIGNIFICANT SOCIETAL CAPITAL

TO SYSTEMATICALLY SUPPORT THE INSTITUTIONAL ADVANCEMENT OF SUSTAINABLE ORGANIC AGRICULTURE IN FAMILY FARMS AND MUNICIPALITIES IN THE PHILIPPINES

INSTITUTIONAL DEVELOPMENT FRAMEWORK

MAINSTREAMING AND INSTITUTIONALIZATION IN FAMILY FARMS AND MUNICIPAL/CITY/PROVINCE-WIDE MASTER PLANS
5 CASES OF ON THE GROUND INITIATIVES IN ORGANIC AGRICULTURE AND 4 PER 1000

Agriculture is the Solution for Climate Change Symposium.
Shiga Prefecture, Japan. 13-15 May 2019

有機農業とフォーパーミルの現場イニシアチブの5つの事例
SCOPE OF OPERATIONS

Agriculture is the Solution for Climate Change Symposium.
Shiga Prefecture, Japan. 13-15 May 2019

3 MAIN ISLANDS
3つの主な島

LUZON ルソン島

VISAYAS ビサヤ諸島

MINDANAO ミンダナオ島

7,100+ ISLANDS
7,100以上の島々
Agriculture is the Solution for Climate Change Symposium. Shiga Prefecture, Japan. 13-15 May 2019

**NATIONAL**
- Regional = 17
- Province = 81

**MUNICIPALITIES/CITIES**
- 1,638
  - Highly Urbanized Cities = 33
  - Independent Cities = 5
  - Component Cities = 107
  - Municipalities = 1489

**BARANGAY/VILLAGES**
- 1596
  - Captains

**LOAMCP-PH**
- President
- Secretaries
- Governors
- Mayors
3 MAIN ISLANDS
ルソン島
Visayas
ビサヤ諸島
Mindanao
ミンダナオ島

130 MEMBER MUNICIPALITIES/CITIES = 8.14% OF 1596 TOTAL
130の加盟自治体＝1596自治体の8.14%
CASE 1 事例1
Family Farms Investment Master Plan
家族経営農業投資基本計画
APPLICATIONS OF SUSTAINABLE ORGANIC AGRICULTURE IN THE PHILIPPINES
フィリピンにおける持続可能な有機農業の適用

• IN 34 FAMILY FARM FARMS INVESTMENT MASTER PLAN
34の家族経営農業投資基本計画

• IN 7 PIONEERING MUNICIPALITIES
7の先進的な自治体
COME FOR A PUBLIC PRESENTATION IN **ASSET BASE SOA COMMUNITY OUTREACH EDUCATION AND SKILLS DEMONSTRATION** ON MAY 13, 2017, 8:30 – 11:45 AM AT SAFEGCC INC. – BREAD LIFFE FAMILY FARM ENTREPRENEURIAL SCHOOL, DUMARAIT, BALINGASAG, MISAMIS ORIENTAL.

Agriculture is the Solution for Climate Change Symposium.
Shiga Prefecture, Japan. 13-15 May 2019

**PUBLIC/COMMUNITY EDUCATION (DEMONSTRATION)**
ASSET BASE SUSTAINABLE ORGANIC AGRICULTURE INDICATORS (ABSAI)

7 FOUNDATIONAL PRINCIPLES

7つの基本原則

54 INDICATORS

54の指標

7 FOUNADITIONAL PRINCIPLES

FAMILY FARMS SUSTAINABILITY ASSESSMENT RESULTS (2017 OCTOBER)
家族経営農業持続可能性評価結果（2017年10月）
**FAMILY FARMS ASSESSMENT RESULTS**

**Foundational principles and indicators status in family farm, 2017 September**

<table>
<thead>
<tr>
<th>Name of Farmer: Virgilio Cerbito</th>
<th>Agroecosystem: Lowland</th>
<th>Area, ha</th>
<th>3.98</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location: Opong, Catibig, Northern Samar</td>
<td>Latitude: 12°25′39.95″</td>
<td>Longitude: 125°02′32.08″</td>
<td></td>
</tr>
<tr>
<td>Date of Evaluation: September 25, 2017</td>
<td>Coordinates</td>
<td>Altitude: 13.11 mas</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PRINCIPLES</th>
<th>INDICATOR</th>
<th>No.</th>
<th>%</th>
<th>STATUS</th>
<th>INTERPRETATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES</td>
<td>1. Soil Productivity</td>
<td>1</td>
<td>70</td>
<td>NMI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Nutrient cycling/Recycling</td>
<td>2</td>
<td>40</td>
<td>NMI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. Natural Fermentation</td>
<td>3</td>
<td>60</td>
<td>NMI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4. Alternative / Ecological Pest Management</td>
<td>4</td>
<td>90</td>
<td>SR</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5. Cropping System</td>
<td>5</td>
<td>40</td>
<td>NSI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6. Biodiversity level</td>
<td>6</td>
<td>50</td>
<td>NSI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>7. Weed Management</td>
<td>7</td>
<td>60</td>
<td>NMI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8. Water &amp; soil conservation, cycling/recycling practices</td>
<td>8</td>
<td>35</td>
<td>NSI</td>
<td></td>
</tr>
<tr>
<td>EV</td>
<td>1. Increased household income</td>
<td>9</td>
<td>85</td>
<td>SR</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Increased farm diversity level</td>
<td>10</td>
<td>40</td>
<td>NSI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. Balanced level of food/cash and long term crops</td>
<td>11</td>
<td>40</td>
<td>NSI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4. Debt free levels</td>
<td>12</td>
<td>60</td>
<td>NMI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5. Jaysanahan / group cooperation</td>
<td>13</td>
<td>60</td>
<td>NMI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6. Family budgeting and farm records</td>
<td>14</td>
<td>40</td>
<td>NSI</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PRINCIPLES</th>
<th>INDICATOR</th>
<th>No.</th>
<th>%</th>
<th>STATUS</th>
<th>INTERPRETATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>S/PE</td>
<td>1. Source of seeds or planting materials (sharing/exchange)</td>
<td>15</td>
<td>40</td>
<td>NSI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Diversity of food sources</td>
<td>16</td>
<td>40</td>
<td>NSI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. Ownership of the land/land tenure</td>
<td>17</td>
<td>100</td>
<td>SR</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4. Food sufficiency and security levels (stored, sold)</td>
<td>18</td>
<td>80</td>
<td>NMI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5. Cooperation with other agencies</td>
<td>19</td>
<td>80</td>
<td>NMI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6. Fair price</td>
<td>20</td>
<td>80</td>
<td>NMI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>7. Concern and advocacy to issues with universal impact to agricultural technology (GMOs)</td>
<td>21</td>
<td>75</td>
<td>NSI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8. PO / COOP Membership</td>
<td>22</td>
<td>80</td>
<td>NMI</td>
<td></td>
</tr>
<tr>
<td>CA</td>
<td>1. Presence of community solidarity</td>
<td>23</td>
<td>60</td>
<td>NSI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Respect of cultural diversity in the</td>
<td>24</td>
<td>40</td>
<td>NSI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. Concern over long term environment</td>
<td>25</td>
<td>60</td>
<td>NSI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4. Presence and usage of traditional seeds species</td>
<td>26</td>
<td>20</td>
<td>NVSI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5. Usage of indigenous knowledge farming system</td>
<td>27</td>
<td>70</td>
<td>NMI</td>
<td></td>
</tr>
</tbody>
</table>
### At a Glance

**Development of a unique agroecosystem production technology**

1. Precision of model learning
2. Development of a unique agroecosystem production technology

**Security Buffer Stock**

- **Hunger-Free**
- **93% Hunger-Free**

**2.8 MONTH FOOD SECURITY BUFFER STOCK**

- **Hunger State (93%)**
- **Japan, Shiga Prefecture**

**Breeding Techniques**

- **Agriculture is the Solution for Climate Change Symposium**
- **Shiga Prefecture, Japan. 13-15 May 2019**

**Hunger-Proof Agriculture**

- **93% Hunger-Free**
- **2.8 MONTH FOOD SECURITY BUFFER STOCK**

<table>
<thead>
<tr>
<th>Techniques</th>
<th>Hunger State (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breeding</td>
<td>93</td>
</tr>
<tr>
<td>Techniques</td>
<td>93</td>
</tr>
</tbody>
</table>

**Hunger State (93%)**

<table>
<thead>
<tr>
<th>Hunger State (%)</th>
<th>Techniques</th>
</tr>
</thead>
<tbody>
<tr>
<td>93</td>
<td>Breeding</td>
</tr>
<tr>
<td>93</td>
<td>Techniques</td>
</tr>
</tbody>
</table>

**Hunger-Proof Agriculture**

<table>
<thead>
<tr>
<th>Hunger-Proof Agriculture</th>
<th>Techniques</th>
</tr>
</thead>
<tbody>
<tr>
<td>93% Hunger-Free</td>
<td>Breeding</td>
</tr>
<tr>
<td>2.8 MONTH FOOD SECURITY BUFFER STOCK</td>
<td>Techniques</td>
</tr>
<tr>
<td>93% Hunger-Free</td>
<td>Breeding</td>
</tr>
<tr>
<td>2.8 MONTH FOOD SECURITY BUFFER STOCK</td>
<td>Techniques</td>
</tr>
</tbody>
</table>

**Hunger State (93%)**

<table>
<thead>
<tr>
<th>Hunger State (%)</th>
<th>Techniques</th>
</tr>
</thead>
<tbody>
<tr>
<td>93</td>
<td>Breeding</td>
</tr>
<tr>
<td>93</td>
<td>Techniques</td>
</tr>
</tbody>
</table>

**Hunger-Proof Agriculture**

<table>
<thead>
<tr>
<th>Hunger-Proof Agriculture</th>
<th>Techniques</th>
</tr>
</thead>
<tbody>
<tr>
<td>93% Hunger-Free</td>
<td>Breeding</td>
</tr>
<tr>
<td>2.8 MONTH FOOD SECURITY BUFFER STOCK</td>
<td>Techniques</td>
</tr>
<tr>
<td>93% Hunger-Free</td>
<td>Breeding</td>
</tr>
<tr>
<td>2.8 MONTH FOOD SECURITY BUFFER STOCK</td>
<td>Techniques</td>
</tr>
</tbody>
</table>

**Hunger State (93%)**

<table>
<thead>
<tr>
<th>Hunger State (%)</th>
<th>Techniques</th>
</tr>
</thead>
<tbody>
<tr>
<td>93</td>
<td>Breeding</td>
</tr>
<tr>
<td>93</td>
<td>Techniques</td>
</tr>
</tbody>
</table>

**Hunger-Proof Agriculture**

<table>
<thead>
<tr>
<th>Hunger-Proof Agriculture</th>
<th>Techniques</th>
</tr>
</thead>
<tbody>
<tr>
<td>93% Hunger-Free</td>
<td>Breeding</td>
</tr>
<tr>
<td>2.8 MONTH FOOD SECURITY BUFFER STOCK</td>
<td>Techniques</td>
</tr>
<tr>
<td>93% Hunger-Free</td>
<td>Breeding</td>
</tr>
<tr>
<td>2.8 MONTH FOOD SECURITY BUFFER STOCK</td>
<td>Techniques</td>
</tr>
</tbody>
</table>
CASE 2: MUNICIPAL-WIDE INVESTMENT MASTER PLANS

Multiple Stakeholders Partnerships in Bridging Leadership and Governance in Asset Base Sustainable Agriculture Development (MSP-BLG-ABSOAD):

MUNICIPAL-WIDE INVESTMENT MASTER PLANS IN 7 PIONEERING MUNICIPALITIES (2017 START)
Multiple Stakeholders Partnerships in Bridging Leadership and Governance in Asset Base Sustainable Agriculture Development (MSP-BLG-ABSOAD):

- 7 PIONEERING MUNICIPALITIES IN THE PHILIPPINES
- AT LEAST 100,000 HECTARES IN ORGANIC LAND CONVERSION BY 2019
- > AT LEAST 200,000 POPULATIONS

Agriculture is the Solution for Climate Change Symposium:
Shiga Prefecture, Japan. 13-15 May 2019
AT LEAST 1.2 MILLION HECTARES IN ORGANIC LAND CONVERSION IN 120 MUNICIPALITIES/CITIES BY 2021

2021年までに120の自治体で120万ヘクタール以上が有機農業に転換

- **60 MUNICIPALITIES/CITIES BY 2022**
  - 2022年 60自治体

- **40 MUNICIPALITIES/CITIES BY 2021**
  - 2021年 40自治体

- **20 MUNICIPALITIES/CITIES BY 2020**
  - 2020年 20自治体

- **7 MUNICIPALITIES/CITIES BY 2019**
  - 2019年 7自治体
CASE 3A: BISLIG CITY POLICY
ORDINANCE NO. 2016 – 10

• LOCAL POLICY ORDINANCE CREATING THE BISLIG CITY VOLUNTARY ACTION PLAN FOR UN COP 21 IN REBUILDING SOIL FERTILITY AND HEALTHY SOILS FOR FOOD SECURITY AND CARBON SEQUESTRATION AND PROVIDING FUNDS THEREOF

食料安全保障と炭素隔離のために土壌の肥沃度と健全性を再構築し、それに資金を提供するビスリグ市自主行動計画を作成する条例
CASE 3A: BISLIG CITY POLICY
ORDINANCE NO. 2016 – 10

KEY FEATURES 4p1000 VAP

- SOIL CLASSIFICATION, LAND/SOIL DEGRADATION ASSESSMENT/EVALUATION
- SOIL AND PLANT HEALTH CLINIC
- VILLAGES SOIL HEALTH BUILDERS TRAINING TEAM
- MOBILE SOIL HEALTH CLINIC
- INCENTIVES OF FAMILY FARMS WITH INCREASED SOIL ORGANIC MATTER

Agriculture is the Solution for Climate Change Symposium.
Shiga Prefecture, Japan. 13-15 May 2019
SECTION 9. Registration. After approval of this Ordinance, the Ordinance shall be formally registered for Bislig City’s participation and commitments to the United Nations Conference of the Parties (UN COP) 21 in 4 per 1000 initiative, Soils for Food Security and Climate. The following addresses are shown below:

9. 1 Participation register at 4p 1000 dgpc@agriculture.gouv.fr
9. 2 Commitments at http://climateaction.unfccc.int

SECTION 10. Implementing Rules and Regulations. – The City Mayor is hereby authorized to create a joint executive-legislative committee to formulate the Implementing Rules and Regulations (IRR) of this Ordinance upon its effectivity.

SECTION 11. Appropriation. – The City Government of Bislig shall appropriate Three Million Pesos (Php3,000,000.00) budget to ensure the implementation of this Ordinance and to support UN COP21 in Rebuilding soil fertility and healthy soils for food security and carbon sequestration.

SECTION 12. Repealing Clause – All city Ordinances or parts of any City Ordinance is held invalid, the other provisions not affected thereby repealed or modified accordingly.

SECTION 13. Separability Clause – If any provision of this Ordinance is held invalid, the other provisions not affected thereby shall continue in operation.

• 57,000 USD BUDGETS/APPROPRIATIONS
57,000アメリカドルの予算割当
CASE 3A: BISLIG CITY POLICY ORDINANCE NO. 2016 – 10: 4P1000 VAP

• CONVERSION OF MARKET CITY WASTE TO HIGH QUALITY 200 TONS PER ANNUM BIOFERTILIZERS TO SUPPORT 150-200 FARMERS IN ORGANIC TRANSITION

都市廃棄物を高品質な生物肥料200トン/年に転換し、150〜200人の農業者の有機農業への移行を支援

the Solution for Climate Change Symposium. Shiga Prefecture, Japan. 13-15 May 2019
4P1000 VAP
事例3A: ビスリグ市条例2016-10号

LOCAL ORDINANCE CREATING THE BISLIG CITY VOLUNTARY ACTION PLAN FOR UN COP 21 IN REBUILDING SOIL FERTILITY AND HEALTHY SOILS FOR FOOD SECURITY AND C SEQUESTRATION AND PROVIDING FUNDS THEREOF

BISLIG CITY, PH MARKET WASTE-BASED BIOFERTILIZER PRODUCTION FACILITY

200-250 TONS PER YEAR TO SUPPORT FARMERS IN TRANSITION IN INCREASING SOIL CARBON SEQUESTRATION

CONVERSION OF MARKET CITY WASTE TO HIGH QUALITY 200 TONS PER ANNUM BIOFERTILIZERS TO SUPPORT 100-200 FARMERS IN ORGANIC TRANSITION

Agriculture is the Solution for Climate Change Symposium.
Shiga Prefecture, Japan. 13-15 May 2019
CASE 3B: BISLIG CITY LOCAL POLICY ORDINANCE NO. 2016-11

事例3B：ビスリグ市条例2016-11号

- ENACTING THE SOIL HEALTH ORDINANCE OF BISLIG CITY IN SUPPORT TO ORDINANCE 2016-10 – 4P1000 VAP

条例2016-10号を支援するために土壌健全性の条例を制定

- 29,000 USD APPROPRIATIONS

29,000アメリカドルの割当
CASE 4: CLIMATE RESILIENT BREAD LIFE FAMILY FARM ENTREPRENEURIAL SCHOOL

事例4: 気候変動に強い家族農業起業学校

Family run microfarm and Bread Life School Safegcc INC for the power of Regenerative biodynamic agriculture. Revolutionary rice production to address climate change, increase biodiversity and empower farmers. Much gratitude Victoriano Tagupa, Vic 2.0 and Vic 3.0 for a memorable time on your farm. You are such an inspiration, let's tell your story. #TrailsofRegeneration Ifoam Asia Regeneration International Kiss The Ground #SDGs LOAMC Phils.

- WE TRAINED:
  - FARMERS
  - LOAMC-PH AGRICULTURISTS, MUNICIPAL PLANNING OFFICERS
  - AGRICULTURE STUDENTS
  - CHURCH WORKERS/NGOs/CSOs

- WE DO LOCAL RESEARCH AND INNOVATIONS IN CROPS, ANIMALS AND POULTRY
- WE PROVIDE ADVISORY SERVICE AND ASSISTANCE IN PARTICIPATORY AND PROCESS-BASED FAMILY FARMS AND MUNICIPAL/CITY-WIDE INVESTMENT MASTER PLANS
 CASE 4: CLIMATE RESILIENT BREAD LIFE FAMILY FARM ENTREPRENEURIAL SCHOOL

事例4: 気候変動に強い家族農業起業学校

- FAMILY FARM AGROECOSYSTEM BASED RESEARCH ON ENTREPRENEURSHIP AND INNOVATIONS (FABREI)

起業家精神と革新に関する家族経営農業環境システムに基づいた研究

- BIODYNAMIC BLACK RICE COFFEE AS LIFE ENERGY DRINK

栄養ドリンクとしてのバイオダイナミック黒米コーヒー
CASE 5: FARMERS’ RICE BREEDING AND LOCAL RICE VARIETAL ADAPTATION RESEARCH

事例5：農業者による稲育種と在来種の稲の適応の研究

• PARTNERSHIP OF FARMERS AND NGOs
  農業者とNGOの協力

• PRODUCTION OF ORGANIC LOCAL RICE SEEDS
  有機在来種種もみの生産

• IDENTIFICATION OF ORGANIC LOCALLY ADAPTED VARIETIES (LAVS)
  有機在来適用種の識別

• DROUGHT, SALT AND FLOOD TOLERANT ORGANIC RICE VARIETIES
  干ばつ、塩害、洪水に耐性のある有機稲品種

Agriculture is the Solution for Climate Change Symposium.
Shiga Prefecture, Japan. 13-15 May 2019
KEY PARTNERS OF LOAMC-PH

LOAMC-PHの主要パートナー

IFOAM ASIA
アジア有機農業連盟

ALGOA (Asian Local Governments for Organic Agriculture)
アジア有機農業自治体

FARMSCI-NASSA
Farmers-Scientist Network for the Advancement of Smart Sustainable Organic Agriculture
持続可能な有機農業の発展のための農業者科学者ネットワーク
CONCLUSION

BUSINESS AS USUAL AGRICULTURAL DEVELOPMENT IS NOT THE SOLUTION TO CLIMATE CHANGE AND ACHIEVEMENT OF SDGs 2030

従来どおりの農業開発は、気候変動とSDGs2030達成の解決策とならない
SUSTAINABLE ORGANIC AGRICULTURE DEVELOPMENT IS THE TRUE SOLUTION WITH MULTIPLE BENEFITS IN THIRD WORLD COUNTRIES AND ALIGN WITH SDGs 2030 SPECIFICALLY GOAL 1, GOAL 2, GOAL 3 AND GOAL 4.
MODERN SOCIETAL TRANSFORMATION TO SUSTAINABLE ORGANIC FOOD SYSTEM, HEALTHY LIFESTYLES AND CONSUMPTION NEEDS PIONEERING MINDSET OF SOCIETAL STAKEHOLDERS WITH CONSCIENCE, COMPETENCE AND COMPASSION

持続可能な有機食料システム、健康な生活様式・消費への現代社会の転換には、良心、能力、思いやりを持った社会の関係者の先進的な発想が必要

CONCLUSION

Agriculture is the Solution for Climate Change Symposium.
Shiga Prefecture, Japan. 13-15 May 2019
CONCLUSION

It’s the true compassion that we need in our modern society in order to create and recreate the true meaning of becoming a human being. It’s a silent cultural force that would change the mindset for a true development beyond ecology and the modern societal norms.

現代社会において人間になることの本当の意味を作り出すためには、真の思いやりが必要。生態系と現代社会の規範を超越した真の開発のために考え方が変えられるのは、無言の文化的勢力。