ENVIRONMENTAL EDUCATION PROGRAM IN EASTERN INDONESIA

Indonesia LMMA Case Study

Cliff Marlessy, Director
Hyderabad
October 15, 2012
10 years of Learning and Growing With Communities

INDONESIA
1. Background
2. Issues
3. Environmental Education
   1. Begin from the family;
   2. Involving school teachers
4. Result
Background

INITIAL IDEA

HOW TO INVOLVE COMMUNITY, ESPECIALLY KIDS, IN ENVIRONMENTAL AWARENESS???
Issues

1. Communities who live on small islands are very dependent to their natural resources in order to be able to survive:
   1. They need woods to build house and boats;
   2. They need fish, shells as sources of income;

2. Traditional stories and rules are slowly disappearing with the introduction of television. Children are more interested to watch TV rather than listen to the stories told by the elders in relation to conservation;

3. The environmental education curricula is only applicable for primary schools at the national and some provincial level. At the district and village level no such curricula is applied.
Conservation Program

Mostly only involve elders and youth

.....but we do not touch kids and their family
1. This program is intentionally only for grade 1 to 4 Primary school students to participate. By doing so, the student's parents, sister(s) and brother(s) will be busy to help them collecting seeds from the forest;

2. Rewards for the “winning students” is not expensive: just books and pencils + bags

3. We can do it 1 or 2 times per year;

4. Each time, each students can collect 25 – 50 seeds;

5. In each village every year we could plants in average 250-300 trees;

6. In 30 villages → 7,500 - 9,000 trees per year, 50% survive;
Environmental Education for Primary School

Grade 5 students

Involving villages primary school teachers to:

1. Develop their learning modules on environmental education through serial of trainings to develop syllabi and curricula;

2. Testing the learning modules;

3. Obtain the approval from the state Department of Education;

4. Implementation the learning modules as intra curricula
Using local issues as learning materials
PROGRAM PENDIDIKAN LINGKUNGAN HIDUP

MODUL 1
Terumbu Karang Seraya Bo Di Tepra Supa
KELAS V/SEMESTER 1

Disusun Oleh
Is Apaseray, A.Ma.Pd
Mien Wally, A.Ma.Pd
Sius Okosera, A.Ma.Pd
Ferry Sorontou, A.Ma.Pd

SD YPK TABLASUPA KERJASAMA DENGAN
JARINGAN LMMA INDONESIA DAN DAK TABLASUPA
JAYAPURA
2006

PROGRAM PENDIDIKAN LINGKUNGAN HIDUP

MODUL 2
PENYU (ARANG)
KELAS V/SEMESTER 2

Disusun oleh:
Permenas Yeuw
Yustinus Oyaitou
Debora Karuway

SD YPK KANTUMILENA KERJASAMA DENGAN
JARINGAN LMMA INDONESIA DAN DAK TABLASUPA
JAYAPURA
2006
PROGRAM PENDIDIKAN LINGKUNGAN HIDUP

EKOSISTEM PANTAI KAMPUNG TABLANUSU

MODUL 2

KELAS V SEMESTER 2

Disusun Oleh
Fredrik Maniwa
Jonece Danya
Simson Soumilena
Lambert Yowey
Tiolina Yakarimilena
Hermina Soumilena

SD YPK AMOS TABLANUSU KERJASAMA
DENGAN JARINGAN LOCALLY MANAGED MARINE AREA INDONESIA
JAYAPURA 2007

MODUL 1

PENYU (ARANG)

KELAS V/SEMESTER 1

Disusun oleh:
Permenas Yeuw
Yustinus Oyaitou
Debora Karuway

SD YPK KANTUMILENA KERJASAMA DENGAN
YAYASAN LMMA INDONESIA
JAYAPURA
2006
<table>
<thead>
<tr>
<th>NO</th>
<th>Focal Areas</th>
<th>Name of Schools</th>
<th>Learning Module Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Tanah Merah Bay, Jayapura, Papua</td>
<td>SD YPK Tablasupa</td>
<td>Coral Ecosystem at Serye Bo</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>SD YPK Tablanusu</td>
<td>Ecosystem Tablanusu Coastal</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>SD YPK Demoikisi</td>
<td>Conservation of Sea Cucumber at Sombiyei</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>SD Inpress Depapre</td>
<td>Conservation of Orupre River</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>SD YPK Kantumilena</td>
<td>Turtle</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>SD YPK Meukisi</td>
<td>Sea grass Ecosystem in Tobesikana, Meukisi</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>SD YPK Urufu</td>
<td>Fauna at Mangrove Forest at Afyufndi and Wabudi</td>
</tr>
<tr>
<td>8</td>
<td></td>
<td>SD YPK Sbruria</td>
<td>Limestone Mining at Karyendi, Ambroben Village</td>
</tr>
<tr>
<td>9</td>
<td></td>
<td>SD YPK Opiaref</td>
<td>Ecosystem Yenbemawa Beach, Opiaref Village</td>
</tr>
<tr>
<td>10</td>
<td></td>
<td>SD YPK Ibdi</td>
<td>Flora at Mangrove Forest at Neer Ingambras, Ibdi Village</td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>SD YPK Saba</td>
<td>Conservation of sago at Saba Village</td>
</tr>
<tr>
<td>12</td>
<td></td>
<td>SD Inpress Sundey</td>
<td>Agathis Forest at Sundey Village</td>
</tr>
<tr>
<td>13</td>
<td>Raja Ampat Islands (in collaboration with TNC)</td>
<td>SD Negeri Fafanlap</td>
<td>Trochus Conservation</td>
</tr>
<tr>
<td>14</td>
<td></td>
<td>SD Negeri Harapan Jaya</td>
<td>Lobster at Jaganan Island, Harapan Jaya Villages</td>
</tr>
<tr>
<td>15</td>
<td></td>
<td>SD YPK Tomolol</td>
<td>Potensial of Sea cucumber at Mabel, Tomolol</td>
</tr>
<tr>
<td>16</td>
<td></td>
<td>SD Negero Lilinta</td>
<td>Mangrove Ecosystem at Wafilol, Lilinta Village</td>
</tr>
<tr>
<td>17</td>
<td></td>
<td>SD YPK Deer</td>
<td>Sea grass Ecosystem at Yenyar, Deer Village</td>
</tr>
<tr>
<td>18</td>
<td></td>
<td>SD YPK Dibalal</td>
<td>Coral Reef at Jailolo Island, Dibalal Village</td>
</tr>
<tr>
<td>19</td>
<td>Sausapor - Abun (in collaboration with WWF)</td>
<td>SD Negeri Waibem</td>
<td>Sea Cucumber</td>
</tr>
<tr>
<td>20</td>
<td></td>
<td>SD YPK Kwor</td>
<td>Tanaman keladi</td>
</tr>
<tr>
<td>21</td>
<td></td>
<td>SD YPK Werbes</td>
<td>Ecosystem Mangrove</td>
</tr>
<tr>
<td>22</td>
<td></td>
<td>SD YPK Werus</td>
<td>Coral Reef at Dua Islands (Pulau Dua)</td>
</tr>
<tr>
<td>23</td>
<td></td>
<td>SD YPK Saubeba</td>
<td>Turtle</td>
</tr>
<tr>
<td>24</td>
<td></td>
<td>SD Inpres Sausapor</td>
<td>Coral Reef at Oran Beach, Sausapor</td>
</tr>
<tr>
<td>25</td>
<td>Kei Islands, Southeast Molluccas</td>
<td>SD Nasional Katolik Ohoiren</td>
<td>Conservation of Sea Cucumber at Loontawod</td>
</tr>
<tr>
<td>26</td>
<td></td>
<td>SD Kristen Ohoira</td>
<td>Hawear (sasi) at Ohoira Village</td>
</tr>
<tr>
<td>27</td>
<td></td>
<td>SD Kristen Tanimbar Kei</td>
<td>Trochus</td>
</tr>
</tbody>
</table>
Growth of Environmental Education Program: 2003 - 2011
81 teachers from 27 village primary schools are involved in the program every year;

540 students, grade 5, are participating every year.
Indonesia LMMA Coverage

DISTRIBUSI KEGIATAN LMMA INDONESIA

Kepulauan Raja Ampat
3
- Program Pendidikan Lingkungan Hidup (PLH) di tingkat sekolah dasar
- Program Konservasi Kampung
- Bekerjasama dengan TNC Raja Ampat

Sausapor - Abun
6
- Program Pendidikan Lingkungan Hidup (PLH) di tingkat sekolah dasar
- Program Konservasi Kampung
- Bekerjasama dengan WWF Indonesia

Kepulauan Padado
6
- Program Pendidikan Lingkungan Hidup (PLH) di tingkat sekolah dasar
- Program Konservasi Kampung

Teluk Tanah Merah
6
- Program Pendidikan Lingkungan Hidup (PLH) di tingkat sekolah dasar
- Program Konservasi Kampung

Timor Leste
2
- Program Pendidikan Lingkungan Hidup (PLH) di tingkat sekolah dasar
- Program Konservasi Kampung
- Bekerjasama dengan CTSP Timor Leste dan PESCAS

Kepulauan Kei
1
- Program Pendidikan Lingkungan Hidup (PLH) di tingkat sekolah dasar
- Program Konservasi Kampung
Terima kasih