



# **EAST BALI POVERTY PROJECT**

## **“Helping Children to Help Themselves”**

### **EBPP PROGRESS REPORT 1998 – May 2011**

**COMMUNITY-BASED  
SUSTAINABLE SOCIAL & ECONOMIC DEVELOPMENT  
– LED BY EMPOWERED CHILDREN**

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# WHAT IS EBPP



*The East Bali Poverty Project (EBPP) is a non-profit organisation established in 1998 by a British resident of Bali after an appeal for help by an isolated mountain community, forgotten by time and progress. Participatory community surveys in mid-1998 showed that thousands of people lived in abject poverty without water, sanitation, roads, schools, health facilities and electricity. Illiteracy was up to 100%. Malnutrition and iodine deficiency disorders were endemic, iodine being the essential nutrient for healthy child births, brain and body development. When interviewed in November 1998 to determine their priorities if EBPP could help, over 1,000 families requested children's education as a foundation for a better future. An inspiring and productive collaboration then began with the most disadvantaged communities.*

## MISSION AND VISION

- Eliminate illiteracy
- Eliminate malnutrition
- Promote good health
- Reduce poverty and promote culturally sensitive sustainable social and economic development in impoverished rural communities that have little or no choice to alleviate their own plight



# EAST BALI POVERTY PROJECT



## General

- No people: 17,500+ across 19 villages/hamlets
- Area of Desa Ban: 7,200 ha
- Costs till 2010: US\$2.4m
- Administration: 15% of costs which goes back to the people
- Staffing: British founder and 110 Local Balinese
- Full sustainability: 2015
- Private Sector funding only



# **SUMMARY OF KEY PROBLEMS FACED BY COMMUNITIES IN 1998**



- **No roads**
- **No water supply**
- **No sanitation**
- **No adequate nutrition**
- **No health and education facilities**
- **No arable land - Steep & Sandy  
Land can only support Cassava & Corn**
- **No hope**

## **CHILDREN WERE THE MAIN VICTIMS:**

**Over 80% were malnourished and had goitre due to iodine deficiency;  
70-100% were illiterate in the 1,000+  
families highest up the mountains.**



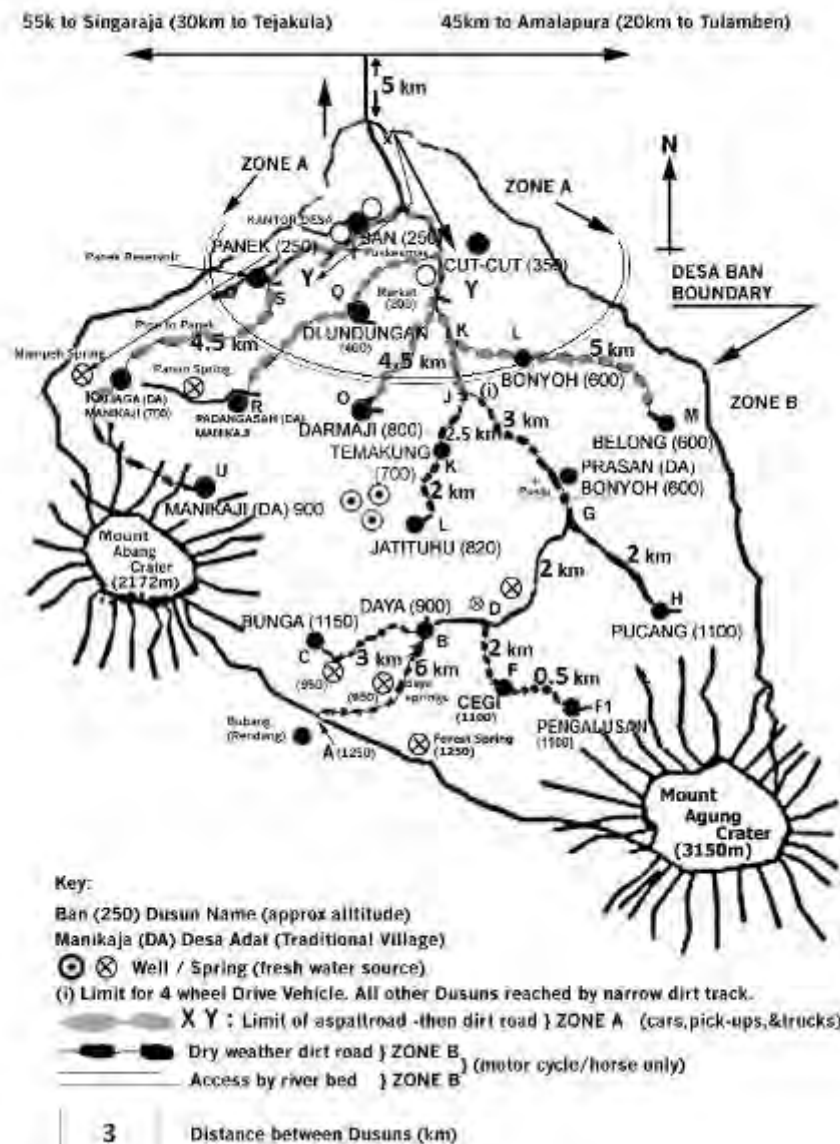
# DESA BAN MAP



**BAN VILLAGE** has a population of approximately 3,500 families (+/- 17,000 people) in 19 sub-villages spread over 7,200 Ha of steep, sandy and arid land. In 1998:

- 80-100% of children were illiterate;
- 85% had goiter (IDD);
- Most children malnourished
- Child mortality was 30% before age 1;
- None had a safe water supply;
- 85% had no access to health care

**NOBODY HAD  
HOPE!**



**ZONE A:** 1,100 families in 4 Communities with electricity & road access in/out of village and to schools, markets and health centers

**ZONE B:** 2,400 families in 15 communities with no electricity, water supply, road access, health centers and limited access to Govt. schools. Since 1999, EBPP has initiated 6 schools for children in this region. 180 have graduated primary & 79 have graduated junior high school & 5 graduated Sen. High school. We have educated more than 1000 children



## KEY PROBLEMS IN 1998-1999



**1999: NO SAFE/CLEAN WATER - ONLY WATER POLLUTED WITH  
HIGH LEVELS OF E.COLI BACTERIA FOR ALL  
3,000 FAMILIES IN DESA BAN**



**TYPICAL WATER SOURCE BEFORE EBPP:**

Water trickles from undeveloped small spring through Bamboo pipe into uncovered Vat totally green with algae & 000's of E-coli bacteria. Only source for over 400 families after 2-3 hours walk

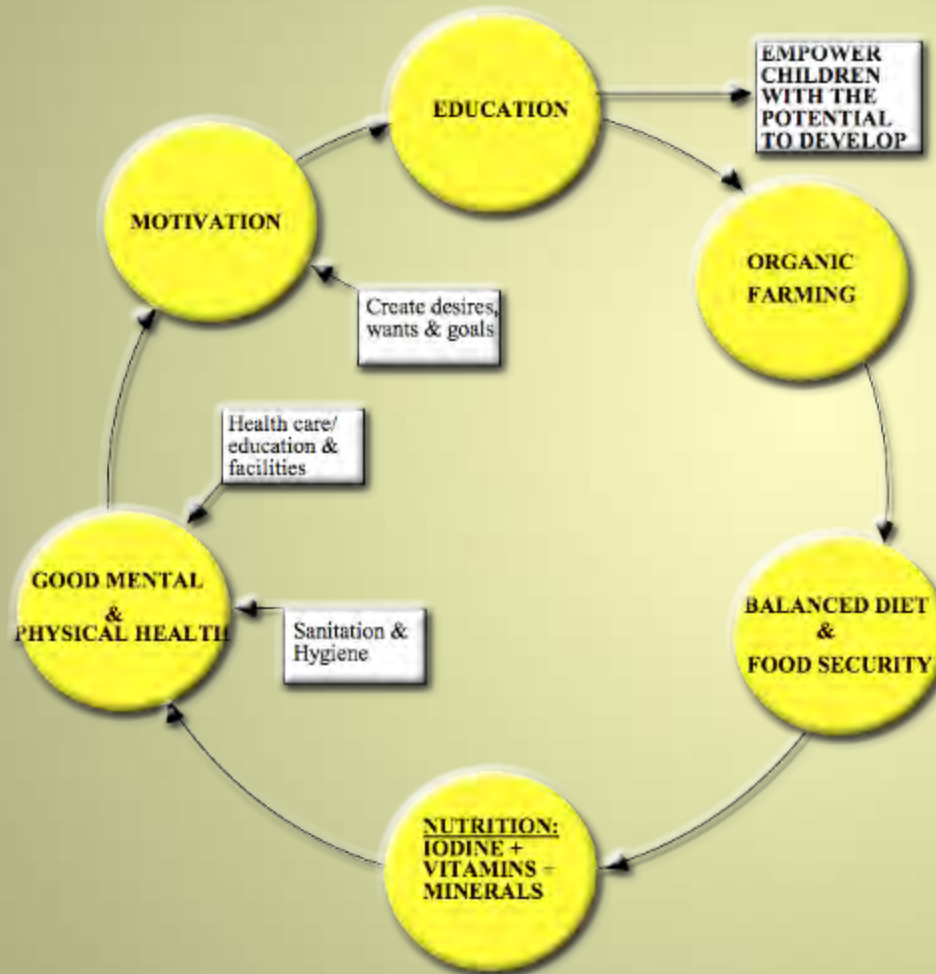


**TYPICAL CHILD IN DESA BAN :**

Acute Impetigo (infectious bacterial skin disease) affecting 90% of children in 1998-9. Caused by lack of bathing, polluted water and TOTAL lack of nutrition to fight the bacteria.



# GOALS FOR IMPROVING CHILDREN'S LIVES



- Identify Problems
- Evaluate Solutions
- Intervention: improve
  - Health & nutrition
  - Relevant Education
  - Participation
  - Empowerment
  - Development
  - Sustainability

## EDUCATION FOR CHILDREN IN EBPP SCHOOLS SINCE 1999



- >1,000 Children educated since 1999
- 180 Graduated primary school
- 79 Children graduated junior high school
- 5 Children graduated senior high school
- 299 Children at EBPP schools Feb. 2011
- 42 Children at senior high sch. Feb. 2011



# FIRST GENERATION TO GRADUATE SCHOOL AND PIONEER CHANGE IN THEIR REGION, HELPED BY EBPP



Cegi kids, 1999, before they had a school



Same kids graduate primary school 2004



# NUTRITION IMPROVEMENT FOR CHILDREN IN EBPP SCHOOLS



**1998**

All children were malnourished

84.5% children aged 6-12 had  
Palpable Goitre (*Indonesian Government  
Health Department IDD survey*)



**MARCH 2011**

Nutritious meal every school day; a  
glass of fortified milk, multivitamin  
tablet

Nutrition education programme  
our children are the tallest and  
healthiest in their village by the age of  
14-15



## COMPREHENSIVE LIBRARIES IN ALL 6 EBPP SCHOOLS



**1998**

No library or bookshops in the region.



**MARCH 2011**

- Since 2004 - More than 3,000 titles on local & global topics in each school
- EBPP Centre serves as public library for Community & Government School Children.

# CREATIVE ART & CRAFTS INSPIRE COMMUNITIES



**2003: British Ambassador admiring children's art**



**British artist, Madeleine Devitt, teach a new painting technique to EBPP students**



**EBPP children's 1<sup>st</sup> painting exhibition, June 2009 at Three Monkeys Cafe, Ubud.**



**Art studio/gallery for student's art cooperative to support their future economic development**



# KARATE CLASSES FOR CHILDREN'S DEVELOPMENT [1]





## KARATE CLASSES FOR CHILDREN'S DEVELOPMENT [2] 3 EBPP CHILDREN GET BLACK BELT – 1<sup>st</sup> IN THE REGION!

Introduced in 2006 as the most practical sport in limited space (no flat land in the villages for football or volleyball pitches). By Feb 2011, 3 EBPP boys, graduated their black belt exam IN Bogor (W Java) to become 1<sup>st</sup> Dan in Karate.





## YOGA CLASSES FOR CHILDREN'S DEVELOPMENT



Since 2008, professional Yoga classes introduced to all EBPP schools by “Breath of Hope Foundation Inc.”, led by Ms Therese Poulson. By September 2010, 2 EBPP staff and 4 high school children are proficient enough to quite soon be qualified YOGA instructors.





# CREATIVE MUSIC DEVELOPMENT PROGRAMME FOR ALL EBPP CHILDREN



Professional training by “One Dollar for Music” Foundation



Guitar classes led by EBPP lads, trained by expert volunteers

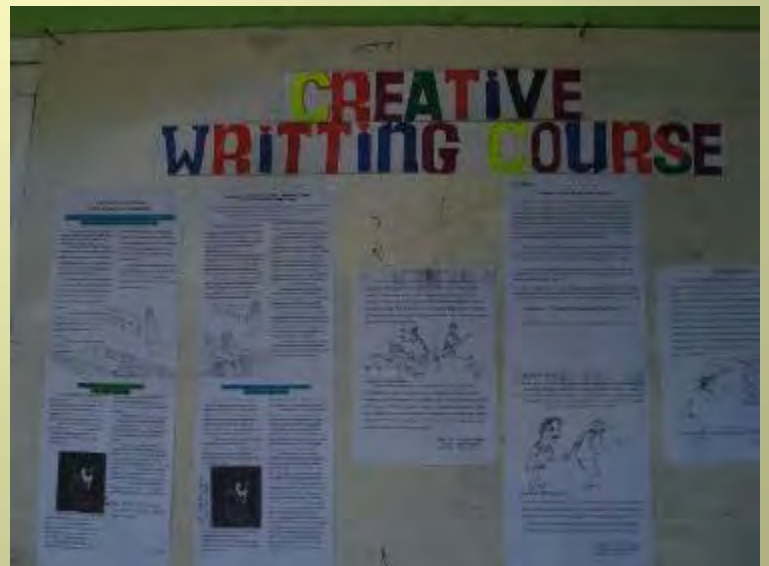


Recorder classes for all kids as a foundation



Djembe drums & percussion instr. Donated by “the Drum Factory”

# CREATIVE WRITING PROGRAMME: Goal is for EBPP schools to write 1<sup>st</sup> regional news sheet!





# VETIVER GROWTH AS CHILDREN'S EDUCATION (CEGI POT)

## WHAT IS VETIVER?

### HOW IS IT DIFFERENT TO OTHER GRASSES?





# First Vetiver Planting: March 2000





# The First Use of Vetiver Grass in March 2000 to stabilize new dirt road verges



**Road to Cegi hamlet: concrete & Vetiver**



**Ed Balbarino, Philippine Vetiver expert, May 2000**



**Newly opened road - community plant Vetiver**



**Lush Vetiver borders inter hamlet track**



# ROAD IMPROVEMENT FOR ACCESS TO THE VILLAGE

Funded by Rotary Club of Bali Taman, Sanur, Annika Linden Foundation & Clive Walton Memorial Fund





# ROAD IMPROVEMENT FOR PERMANENT ACCESS TO VILLAGES - ASSURED BY VETIVER GRASS AS PROTECTION FROM EROSION



**Before**



**After**



**Before**



**After**



# Vetiver stabilizes volcanic sand fill for school construction





# INFRASTRUCTURE IMPROVEMENT FOR INTEGRATED EDUCATION PROGRAMME



Since year 2000 EBPP has built 6 schools and libraries equipped with solar power source in 6 hamlets; Bunga, Cegi, Pengalusan, Jatituhu (already electrified by electricity from the National Electricity Company), Manikaji and Darmaji.



# SAFE WATER RESOURCES TO SAVE LIVES PRIORITIZING INFANTS



## WATER SUPPLY

- 950 new family rainwater collection reservoirs [cubang] have been built with 100% comm. participation.
- 3 Remote mountain springs developed giving fresh, safe water to over 1300 families.



Community reservoir for 400 families from Mt Agung spring (finished 11 2004)



Taking water from new reservoir served by Mount Abang spring sponsored by Annika Linden Foundation (finished 8 '06)



# SANITATION [1] (Toilet Programme)



Started in 2010, the total beneficiaries of this programme are 193 families in three hamlets of Cegi, Pengalusan (Funded by The Royal Bank of Scotland) and Bunga (Funded by The Australian Consulate-General in Bali, Direct Aid Program (DAP))





## SANITATION [2] (Toilet Programme)





# PEOPLE OF THREE HAMLETS WITH THEIR FIRST TOILET IN HISTORY





# SOLAR POWER SYSTEMS AT SCHOOLS, POSYANDU AND SOLAR PUMP





# SOLAR POWER SYSTEMS AT SCHOOLS AND EBPP BAMBOO CENTRE





# EBPP COMMUNITY HEALTH FACILITIES SERVING 7,000+ FAMILIES IN BAN VILLAGE & TIANYAR TIMUR VILLAGE



**2001 - 2011**

- **47 Posyandu in two villages established for 1,700 mothers & 2,200 infants 0-5 years**
- **Annual iodine and vit . A supplements**
- **Birth control**
- **First time vaccinations for all babies & children**
- **Coca cola company supplies Ades mineral water to this programme as their corporate social responsibility.**





# MATERNAL CHILD HEALTH & PLAYGROUP PROGRAMME

Sponsored by Annika Linden Foundation



# DENTAL HEALTHCARE FOR CHILDREN & COMMUNITIES TWICE A YEAR

## Sponsored by Annika Linden Foundation since 2009



### 1999

- **No access to dental/oral health care services**

- **Oct-Dec 2006:** Treat 2,290 patients with 1,381 extractions (60%) and 1,355 fillings (59%)
- **2010:** treating 2,893 patients with ONLY 662 extractions (22%)
- **Up to Feb. 2011** treating more than 23,000 children who never previously had dental examination or ever saw a dentist!



# EYES SCREENING



# CLEFT PALATE OPERATIONS



**Before operation**



**After operation**



**Before operation**



**After operation**



# EYE AND MOUTH TUMOR OPERATIONS



**Pak Made before his mouth tumor operation**



**Pak Made and his family after his operation**



**Eye Tumor Operation of Nengah Wirawan**



# ORGANIC SCHOOL GARDEN FOR SUSTAINABLE NUTRITION & FOOD SECURITY





# ORGANIC COMMUNITY GARDENS: Parents keen to learn & taught by their children in EBPP Schools





# CREATIVE ARTS & CRAFTS FOR CHILDREN





# EBPP CENTRE FOR SUSTAINABLE DEVELOPMENT RESEARCH AND TRAINING SPONSORED BY PT UNILEVER INDONESIA



**Bapak A.A Gede Alit, Head of Bali Social Welfare Department, deputizing for Bali Governor officially opens EBPP Centre**





# TRAINING FOR REPLICATION OF EBPP PROGRAMMES





# EBPP BAMBOO CENTER FOR COMMUNITY RESEARCH & LEARNING CENTRE





# THE FUTURE: BAMBOO REFORESTATION SUSTAINABILITY



- 3000 Ha
- Eco System revival
- Carbon Sequestration
- Sustainable Community Livelihoods



EBPP Bamboo Center for community research and learning



# PLANTING GUADUA BAMBOO AT BAN VILLAGE





# Planting bamboo with Pengalusan's community (2008)



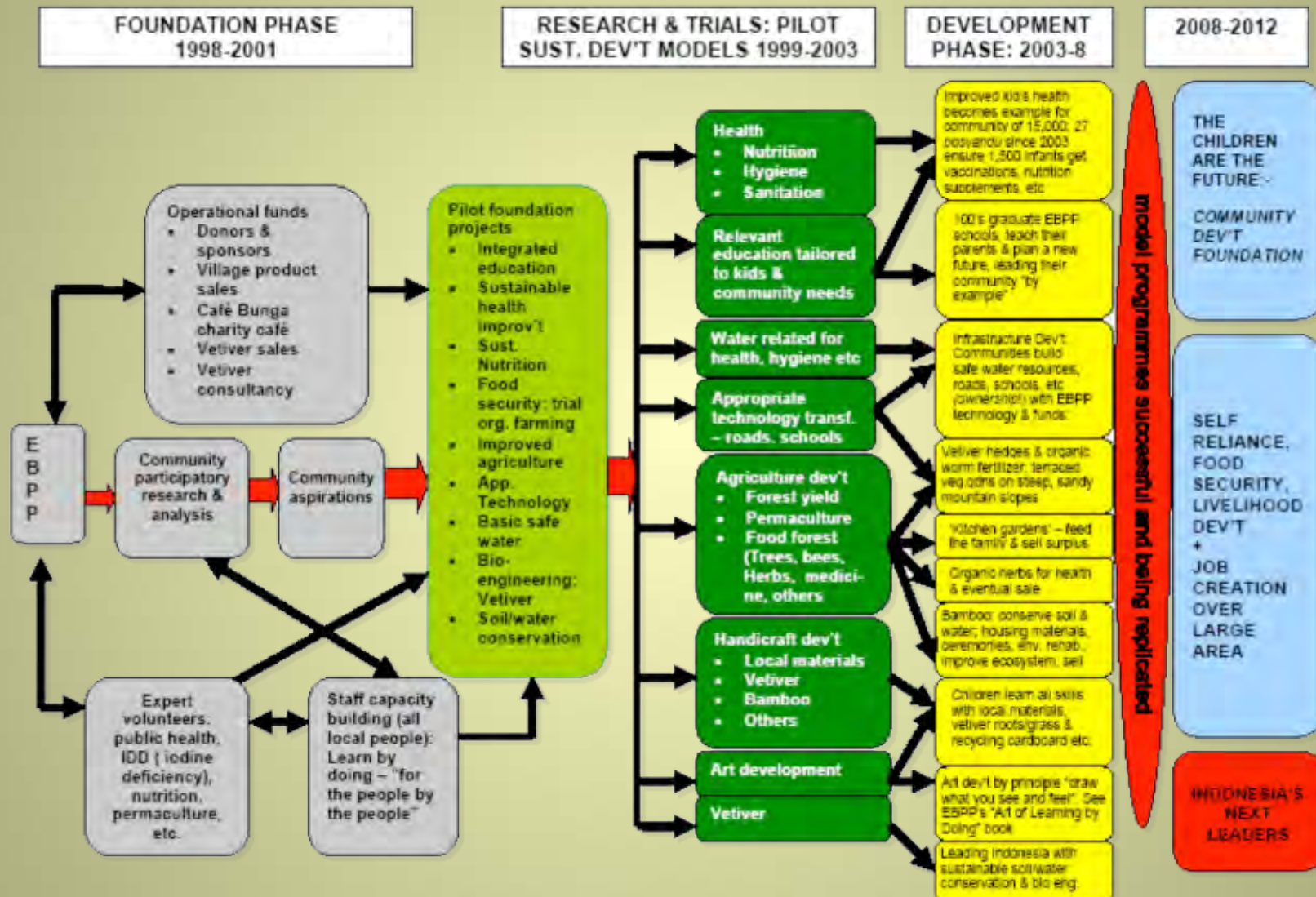


# Manikaji Puncak pilot project : “bamboo reforestation” (2009)





# EBPP APPROACHES TO SUSTAINABLE COMMUNITY DEVELOPMENT & EMPOWERMENT IN ISOLATED RURAL AREAS





# EBPP KEY ACHIEVEMENTS: 1999 – FEBRUARY 2011

## 1. INTEGRATED & RELEVANT EDUCATION FOR PREVIOUSLY ILLITERATE CHILDREN OF ILLITERATE PARENTS

- >1,000 children educated in 6 EBPP Schools; 180 have graduated primary school, 79 children graduated *Junior high school* AND 5 children graduated senior high school; 218 children are now in EBPP Elementary school, 39 in Junior high school in 6 hamlets and 42 in senior high school
- School meals: each child gets daily nutritious meal PLUS a glass of milk & multivitamins
- School buildings: 6, which EBPP call “Community Learning & Development Centres” as they are also for community vocational training & libraries. Built with 100% community participation, ownership is handed to the communities, and maintenance becomes their responsibility
- Sponsored tertiary education for local children: 1 village girls sponsored to Elementary Teacher Training College in Singaraja; 1 girl completed Elementary Teacher diploma in 2009, 1 girl completed Kindergarten teacher diploma in 2008 and 1 girl completed Accounting diploma in Denpasar in 2007.
- Libraries: Comprehensive community library in “EBPP Centre for Sustainable Development”, with more than 3,000 titles & in each of EBPP’s 6 Schools with wide range of topics for complete global learning

## 1. DIRT ROAD IMPROVEMENT FACILITATING ACCESS FOR 3,000 FAMILIES: More than 25 kilometres linking 19 hamlets

## 3. MICRONUTRIENT SUPPLEMENTS – ALL CHILDREN & MOTHERS PREVIOUSLY HAD IODINE & VITAMIN A DEFICIENCIES

3.1 Iodine deficiency elimination education & supplements provided annually: 1,900 mothers & 2,634 children

3.2 Vitamin A supplements provided annually: 2,462 infants and their mothers

## 4. COMMUNITY HEALTH

4.1 Initiated 27 *Posyandu* (monthly community health posts) Ban village with local kaders:

- 1,200 mothers & 1,400 infants 0-5 benefit monthly

4.2 Nutritious food for 1,400 infants in all Posyandu in Ban village

4.3 Primary health education for mothers & babies: All 3,000 families in Desa Ban twice a year

4.4 Eye testing and remedial for the whole community by John Fawcett Foundation: 1,500 children & 300 adults

4.5 Cleft palate, cataract & eyes operations, paralyzed kids treatment PLUS all other serious illness including cranio-facial surgeries: 89 children & adult assisted; 1,500 children & 300 adults have their eyes examined

4.6 Polio vaccinations since 2005: facilitated by EBPP team – 1<sup>st</sup> time in history: 1,117 infants 0-5 yrs

4.7 Measles vaccination since 2005: facilitated by EBPP team – 1<sup>st</sup> time in history: 1,070 children

4.8 TBC assistance programmes: TB awareness & training to schools, cadres & “posyandu” to protect the populations from exposure to active TB and ensure those individuals sick with TB obtain complete treatment.

4.9 Maternal child health & playgroup programmes started in January 2010: to improve infant and maternal morbidity and mortality outcomes through improved pre-natal education, medical evaluation, nutritional standards/supplementation, birth planning, hygiene, sanitation, home/environmental safety, and basic child development.



## EBPP KEY ACHIEVEMENTS: 1999 – FEBRUARY 2011 (Continued)

5. OUTREACH DENTAL HEALTH PROGRAMME: >23,000 mostly children have been treated in Ban & 3 adjacent villages since October 2006
6. SAFE WATER SUPPLY & EDUCATION: Safe water from 3 mountain springs developed serving over 1500 families, 850 appropriate technology bamboo-cement rainwater collection reservoirs have been built serving >4,000 people and rehabilitate existing artesian wells in dry riverbed benefiting 352 families
7. SANITATION: 193 toilets have been built since 2010 for 193 families in Cegi, Pengalusan & Bunga hamlets
8. ORGANIC VEGETABLE & HERB FARMING: All EBPP school children & OVER 500 families in 6 hamlets who can now grow a wide range of vegetables & herbs for daily meals on rehabilitated farmland – eventually able to sell the surplus
9. VETIVER GRASS TO STOP EROSION, CONSERVE SOIL/WATER & FACILITATE ORGANIC FARMING & ECONOMIC DEVELOPMENT: Millions planted! Vetiver Systems and Vetiver Grass Technology introduced to the Department of Public Works and Asia Development Bank (ADB) for all future highway design & waste water treatment in Indonesia and introduced to coal & gold company in Indonesia for land rehabilitation & protection
10. BAMBOO FOR REFORESTATION, ENVIRONMENTAL PROTECTION & SUSTAINABLE COMMUNITY ECONOMIC DEVELOPMENT: Develop a sustainable Bamboo building, from local bamboo, as EBPP training centre and example for local communities, schools, local government, etc. of “grow your own house”, attributed to Ms Linda Garland of EBF; Bamboo reforestation of 20Ha, owned by the communities and designed to bring back ecosystems and sustainable community livelihoods; to develop an economically and environmentally sustainable agro-forestry system in an arid 6.5 hectare valley on the steep volcanic ash Mount Abang slopes to improve livelihoods, health and nutritional status, rejuvenate the local eco-system and mitigate the effects of climate change, thus improving quality of life for this and future generations and serve as model to be scaled-up and replicated in other regions.
11. PLAYGROUP PROGRAMMES: To empower thousands of illiterate mothers and infants 2-6 years and their families through relevant education in nutrition, hygiene, sanitation, basic reading & writing skills and intelligent games which they can apply at home. After development of our model pilot programme, the playgroup will be conducted twice monthly in all of our 27 Posyandu
12. SOLAR POWER ELECTRICITY <i>for remote regions of Desa Ban with no access to electric power grid.</i> Installed in 5 EBPP Schools and the 8 most isolated <i>posyandu</i> – enabling cadres to communicate 24 health emergencies

**PROGRAMME REPLICATION: COMMUNITY HEALTH PROGRAMS IN MANY VILLAGES SINCE 2005**



# **NATIONAL EDUCATION DAY CELEBRATION**

## **2 MAY 2011**



# NATIONAL EDUCATION DAY CELEBRATION, 2 MAY 2011





# NATIONAL EDUCATION DAY CELEBRATION, 2 MAY 2011





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# NATIONAL EDUCATION DAY CELEBRATION, 2 MAY 2011





# NATIONAL EDUCATION DAY CELEBRATION, 2 MAY 2011





# **EBPP'S AWARDS SINCE 2001**



# 2001: EXCELLENCE AWARD from PATA



## Excellence Award



### COMMUNITY SERVICE

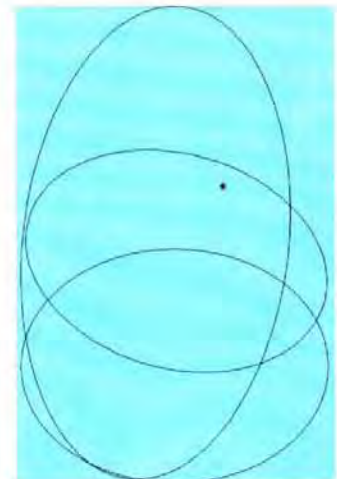
*In recognition of its community service  
programs*

presents this award to

**East Bali Poverty Project**

John M Daniels - Chairman

Bali, July 12, 2001



# CERTIFICATION OF TECHNICAL EXCELLENCE: David Booth MBE & Nengah Ardika Adinata



## THE VETIVER NETWORK

### CERTIFICATION OF TECHNICAL EXCELLENCE

*The Board of The Vetiver Network Certifies*

*David Booth*

*Is Qualified and Proficient, At the  
Highest Highest Level (Class 1),  
In the following aspects of Vetiver Systems Application:*

*Soil and Moisture Conservation, and Bio-engineering,  
and Extension*

*Richard G. Grimshaw - Chairman*

*Dale N. Pacheco - President*

Witnessed by Peter Rogers  
27/04/2006

London 1, 2006  
BOM signack 877/06

## THE VETIVER NETWORK

### CERTIFICATION OF TECHNICAL EXCELLENCE

*The Board of The Vetiver Network  
Certifies*

*Nengah Ardika Adinata*

*Is Qualified and Proficient (Class 2),  
In the following Vetiver System's Application:*

*Soil and Moisture Conservation, Bio-Engineering,  
Plant Production, Extension and Training*

*Richard G. Grimshaw - Chairman*

*Dale N. Pacheco - President*

Witnessed by Peter Rogers  
27/04/2006

London 2, 2006  
BOM signack 877/06



# **2004: DAVID BOOTH AWARDED MBE**

**in Queen Elizabeth II's 2004 Birthday Honours for**

**"Services to Sustainable Rural Development in East Bali, Indonesia"**



**David receiving his MBE (Member of the Order of the British Empire)  
from Prince Charles at Buckingham Palace**

# DANAMON AWARD 2006



David Booth receives “**Special Recognition Award**”  
For “Empowering the Community of Desa Ban in East Bali”





**HELP US TO HELP  
MORE CHILDREN TO HELP  
THEMSELVES**

**- THEY ARE OUR FUTURE**

Charity Feeds for a Day  
**EBPP** Feeds for a Life Time

