



Gearing-up Internet Literacy and  
Access for Students

# Forging a multi-sectoral intervention for Philippine schools





- In the most recent National Achievement Test, the national average is a low 46.80% for 4th year High School. The Grade 6 national average increased by 9% from 50.03% to 58.73%, but still far below the minimum mastery level of 75%.
- Philippines ranked 41st in Math and 42nd in Science among 45 countries for high school and 23rd among 25 countries in both Math and Science for Grade school. (TIMS, 2003)

- Out of 100 children who enter Grade 1, only 63 finish Grade 6 and only 32 eventually graduate from high school.
- The achievement levels of Filipino students grows by 2.25% per year. If we benchmark the Philippines to Singapore, it would take 28 years to catch up with them in Math and 25 years in Science.
- As of Fiscal Year 2005, we have a shortage of 57,930 classrooms, 2.24 million desks and chairs, 7,771,276 textbooks and 20,874 teachers.





The Internet creates as much as it eradicates  
poverty

**Information Poverty is real, and it is growing:**

- **Ever increasing categories of day to day activities that are becoming exclusively Internet accessible only:**
  - government transactions and services**
  - commercial and consumer purchases**
  - online education programs and resources**
  - access to communication, music and leisure.**
- **THOSE WHO DON'T HAVE ACCESS OR LITERACY ARE EFFECTIVELY MARGINALIZED.**

## Resource Maximization

- The Internet has magnified positive effect in resource-constrained environments
- Cost effective use of limited resources

## Optimized Learning Environment

- Multi-media: enhanced multi-sensory learning
- Interactive: Effectively reduces teacher: student ratio
- Online or computer-assisted learning: a more effective medium for learning

## Paradigm Shift

- Access to global standards of information resources levels the playing field
- New paradigms: computer and Internet are now desk and classroom of the Information Age





## Gearing up Internet Literacy and Access for Students



A private sector initiative with a mission to provide Internet laboratories in all of the Philippines' 5,443\* public high schools within 5 years.

\*as of December 2004

New public high schools are added every year



inspiration from youth tech



## **Ayala Foundation's Youth Tech Program**

**Launched in 2000**

**Provides Internet connectivity packages to schools with computers from a Japanese grant**



scaled-up support from **ConnectEd.ph**

## **ConnectEd.ph**

**Consortium of 28 private corporations and foundations organized by the Makati Business Club**

**Wired 323 public high schools by end-2004**





**LUZON**

**90 out of 2,531**

**NCR**

**39 out of 183**

**VISAYAS**

**71 out of 1,383**

**MINDANAO**

**123 out of 1,346**

As of December 2004, only 6% of public secondary schools have student laboratories that have access to the Internet.



# multi-sectoral partnerships

## Current Partners

### **Gerardo Ablaza**

CEO, Globe Telecom  
Chairman, Innove Communications

### **Ricardo Banaag**

Country Manager, Intel Philippines

### **Ernest Cu**

CEO, SPI Technologies

### **Antonio Javier**

Managing Director, Microsoft  
Philippines

### **Eugenio Lopez III**

CEO, Bayantel

### **Guillermo Luz**

President, Makati Business Club

### **Miguel Luz**

Undersecretary, Department of  
Education

### **Napoleon Nazareno**

CEO, Philippine Long Distance  
Telephone & Smart  
Communications

### **Joaquin Quintos**

CEO, IBM Philippines

### **Gil Salazar**

Executive Director, PBSP

### **Francisco Sandejas**

Managing Director, Narra  
Ventures

### **Frederick Santos**

President, American Chamber  
of Commerce

### **Arthur Tan**

President, Integrated  
Microelectronics Philippines



## Secretariat

The Ayala Foundation, Inc., a non-stock, non-profit organization based in the Philippines, serves as the secretariat for the Gilas Project. Donations to Gilas may be made through Ayala Foundation, Inc. and its affiliate, Ayala Foundation USA.





**multi-sectoral partnerships**

## **GILAS Leadership**

**President of the Republic of the Philippines**  
**Honorary Chairperson**

**Secretary, Department of Education**  
**Honorary Vice Chairperson**

**Manuel Roxas II**  
**Senator, Republic of the Philippines**  
**Co-chairperson**

**Jaime Augusto Zobel de Ayala II**  
**President and CEO, Ayala Corporation**  
**Co-vice chairman, Ayala Foundation, Inc.**  
**Co-chairperson**



# connecting each school: the Gilas Package

- **Internet Connectivity** for computer labs - one year unlimited usage
- 10 PCs per school for schools that don't already have **Hardware**,
- **Teacher training**: basic Internet literacy, maintenance and troubleshooting
- **Curriculum integration**
- **Post installation Maintenance, Help Desk, Monitoring, Evaluation**



- There are 130 public high schools in Batangas; **72** of these have PCs under the PCPS program
- Ayala Foundation's **Youth Tech** facilitated the provision of Internet connection to **23** of these schools over 3 years
- A total of **11,500** students have benefited from internet access





# case study: batangas schools

## bauan technical high school

- **DepEd and PCPS:** computers
- **Youth Tech:** network peripherals, server and training
- **Innove:** free internet access for 12 months
- **LGU:** electricity expenses
- **PTCA:** access fees beyond first year
- to date, the number of PCs have grown to 45
- Bauan has now hosted **DepEd** trainings for other teachers in the Division



- Mayor Belmonte agreed to match a donation of US \$10,000 made by **Credit Suisse First Boston**.
- The combined amount will be used to provide Internet access to at least **12 public high schools** in Quezon City.
- GILAS Steering Committee Member **Bayantel Corporation** will donate the Internet service for the 12 schools.





where we are today



**GILAS launched on January 21, 2005.**

**US \$ 1 million matching grant for private sector donations provided to GILAS by USAID through its GEM (Global Equity in Mindanao) program for the connection of public high schools in conflict-affected areas of Mindanao.**

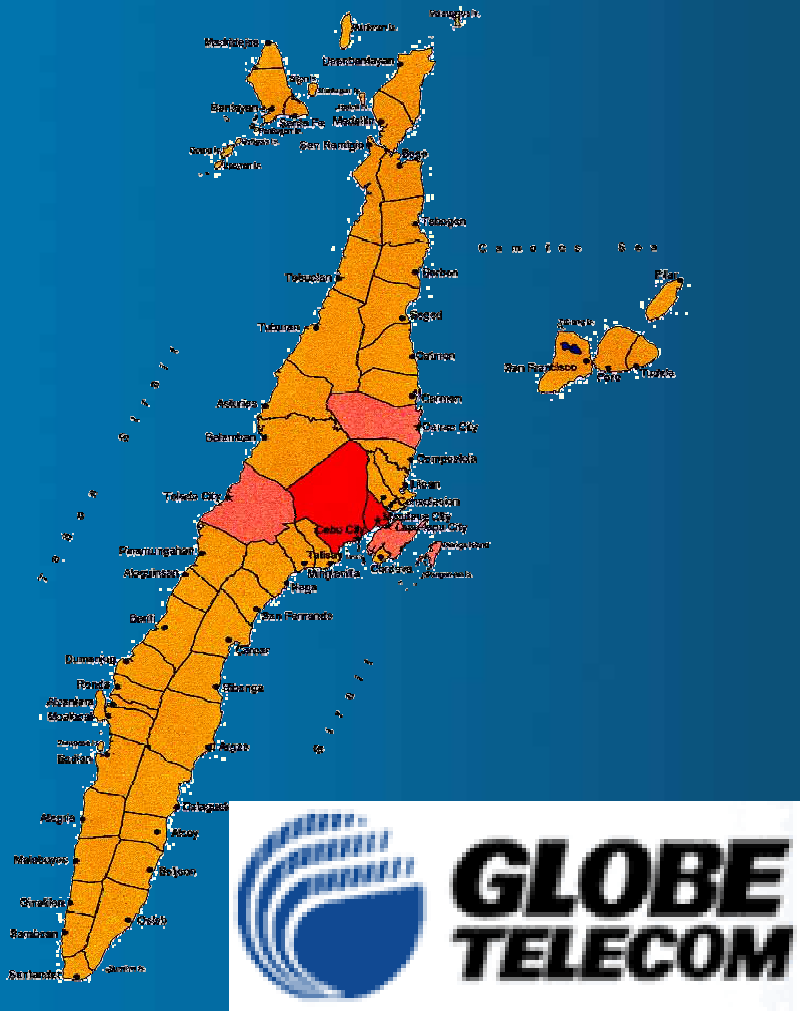


On April 29, 2005, Lapu-Lapu City in Cebu became the first city to have ALL its public high schools connected to the Internet.

Increasing support both from the private and public sector.



where we are today

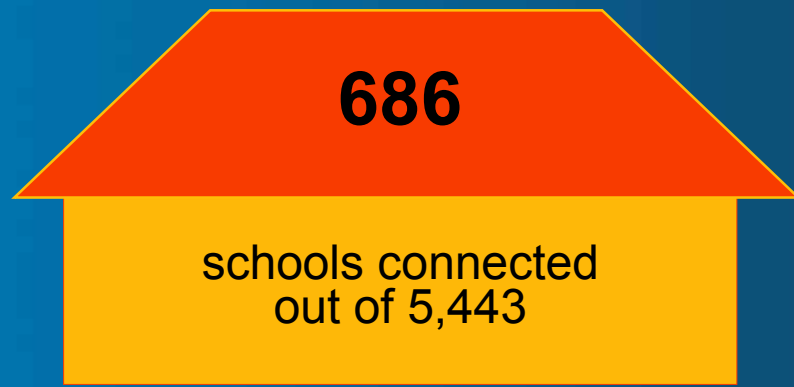


By the end of June 2005, GILAS partners Globe Telecom and Innove Communications connected 207 schools with a commitment to connect a total of 600 schools by the end of 2006.

The Japanese Government just announced the approval of Php 600 Million for the purchase of PCs for another 1,500 public high schools.



where we are today



As of September 31, 2005

As of end September 2005, 686 schools have been connected.

By end of 2005, we hope to have connected 1,000 schools across the nation.



**For One School**

**Php 100,000**

**Cost of Connectivity**

**Php 200,000**

**Hardware (10 PCs)**

**Total of Php 300,000 for  
connectivity and Hardware**



towards a  
multi-sectoral partnership



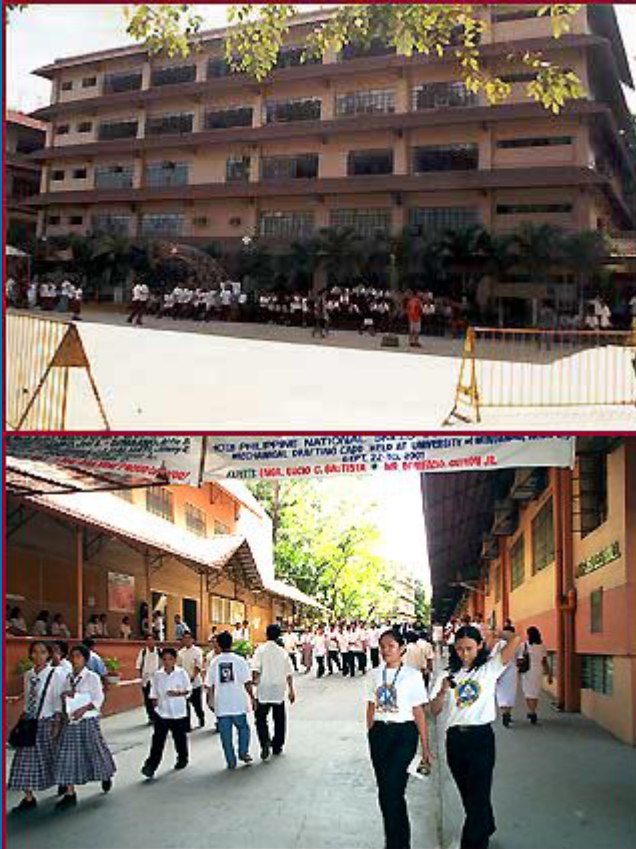
**We invite you to make the GILAS mission yours in connecting 100% of the schools in your areas.**



towards a multi-sectoral partnership:  
**outright donations**

## Adopt a School

Choose a school in need of  
your help in your areas.





## towards a multi-sectoral partnership: matching gifts

- Encourage members of your communities to match your investment
- Reach out to overseas Filipinos from your hometowns to match your investment
- The GILAS consortium will match your gift by providing schools with free internet access, training, computer donations, field and administrative support





## towards a multi-sectoral partnership: big business participation

### “For Every Product Sale, A Peso For A School”

- This campaign can be done over a pre-determined period of time, for example a year
- At the end of the year, proceeds from this campaign may be used to connect schools close to your business operations
- Campaign to be supported by posters and print ads





# towards a multi-sectoral partnership: volunteerism



**Your family members, friends, constituents may assist the GILAS technical team in school oculars and connections of computers in your adopted schools**

- **Orientations will be provided to volunteers**



## towards a multi-sectoral partnership: advocacy

- Advocate GILAS in your spheres of influence: host charity dinners, golf tournaments, Christmas bazaars



- Reach out to overseas Filipinos: use [www.gilas.org](http://www.gilas.org) to encourage overseas donations by credit card



- Tell your friends to sponsor those running the NYC Marathon in November to raise funds for GILAS. Go to [www.gilas.org](http://www.gilas.org) to sponsor GILAS runners



for more information



**Website**

[www.gilas.org](http://www.gilas.org)

**Email**

[connect@gilas.org](mailto:connect@gilas.org)