Real World Implementation

Claudia Urrea
OLPC – Learning team

claudia@laptop.org  http://www.laptop.org
The overall goal for the laptop initiative is to develop a world-class educational system to enable full development, full participation, and leadership in the 21st century.

- This is the case at the macro level: the country
- This is the case at the micro level: each child
- At present, the current system, just as in every other country, cannot meet these needs, particularly in the countryside.
Considerations

• Core team
  – Project coordinator
  – Technical and pedagogical team

• Capacity building
  – Technical
  – Pedagogical

• Sustainability
  – Open source community
  – Local partnerships (universities and NGOs)
  – Community-based activities
  – Publicity
Plan for Implementation

- Goals
- Distribution plan
- Infrastructure
- Support
- Assessment framework
Goals

• Work with the core team
• Find the resources needed to meet those goals
• Identify possible partners
  - local,
  - international,
  - OLPC
• Influence the design of your program
Distribution plan

• Scale: regions, the schools show dramatic improvement.
  - They are easier to support; providing infrastructure and resources is far more cost-effective;
  - the schools and teachers help each other;
  - the system has its most promising opportunity for real, sustainable improvement.

• Focus on the areas of improvement along three primary dimensions:
  - areas of greatest need: Use the laptops where the existing system is falling short to cover what current methods lack. Often this means focusing on rural and isolated communities
  - areas where a significant improvement can be made relatively easily
Infrastructure

- School server + APs
- Connectivity
- Power
  - At school
  - At home
  - Both
Support

- Technical support

- Pedagogical support
  - Provide ongoing teacher development and support
  - Provide digital materials in country’s language
  - Create strong exemplars of laptop schools and communities

- OLPC support
Assessment framework

Several dimensions of assessment:

− The students
  Inform and influence current evaluation methods
− The impact at the social level (families and communities)
− The implementation of the project itself
  This will enable determining the difference between the laptop initiative as concept and how well it was implemented.
Brainstorm session

• ??