



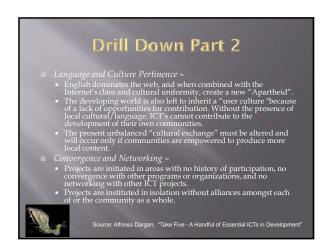


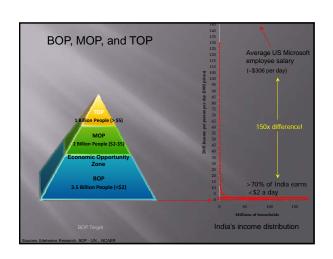
■ Community Ownership - Many projects are initiated without community input that leads to equipment theft or deterioration because of lack of a sense of ownership.

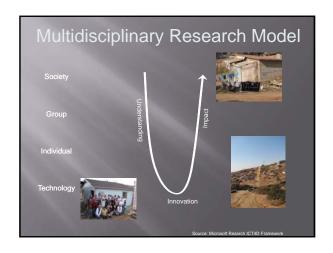
■ Local Content - Most Internet content is irrelevant to the developing world's poor and is controlled by commercial rules. The demand for telephone, fax, and computer services far exceeds the demand for the Internet in nost rural centers.

■ Appropriate Technology - Computers themselves remain a luxury, and purchasing decisions appear to be out of step with the needs of communities. The newest hardware/software capacity is generally underused and is not available to be repaired in most local settings. Technology must be appropriate and adequate to the needs of the communities, not in technical terms but in terms of utilization, learning, and adoption.

Source: Alfonso Dargan, "Take Five · A Handful of Essential ICTs in Development"

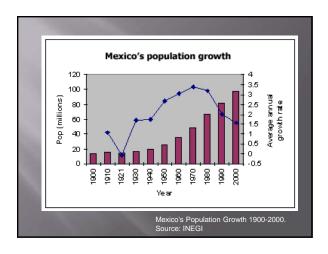


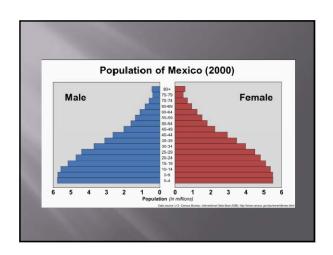




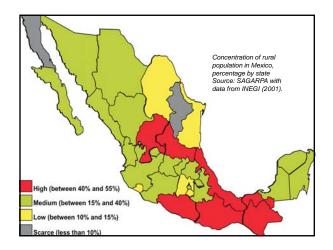


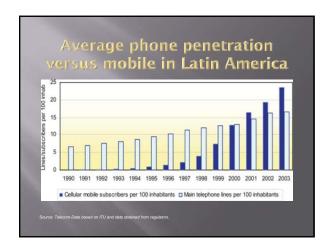


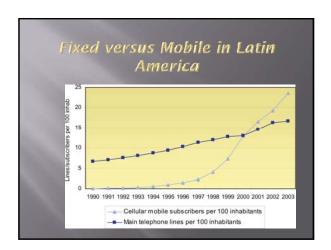




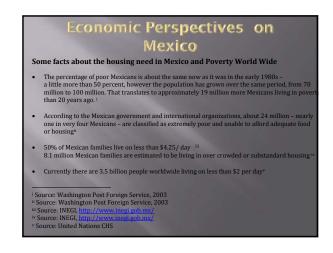




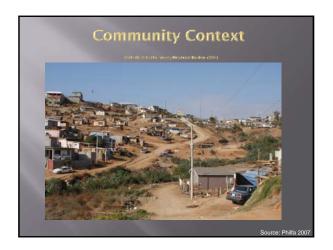


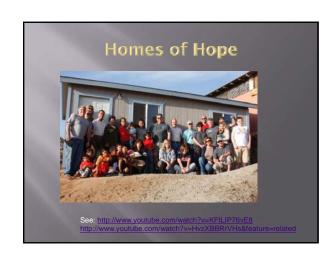


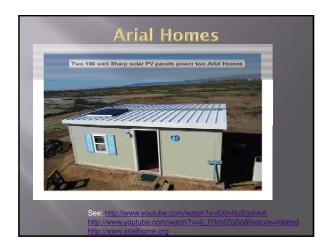


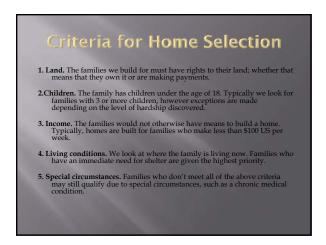


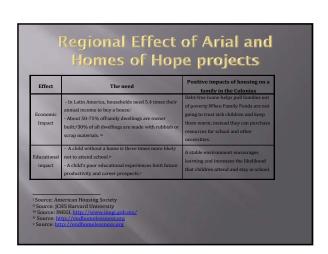




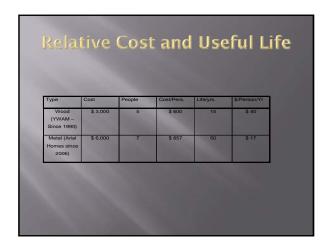




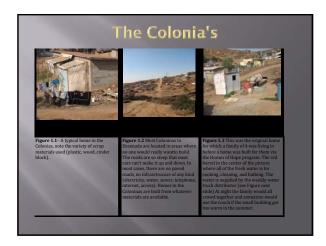




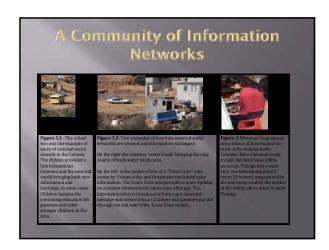
| Regional Effect of Arial and H. of Hope Home projects | | |
|---|---|--|
| Effect | The need | Positive impacts of housing on a family in the Colonias |
| Health impact | - 2.5% of children under one die of exposure'. - Homeless children are twice as likely to suffer from ashma, ear infections, stomach, and speech problems. - Moving from dirt to a concrete floor reduces reoccurring diarrhea by 43% iii. Source. nationalhomeless.org. | Reduces incidence of sickness due to dirt floors and exposure to the elements and improves their overall quality of life |
| Social and emotional impact | - Children without adequate shelter suffer more from mental health problems such as anxiety, depression and withdrawal.* - Children are twice as likely to experience persistent chronic hunger and four times as likely to experience delayed development when homeless.* | Stabilizes emotional well-being Strengthens bome life and marriage as basic issues of survival are eliminated. |
| Spiritual impact | Families struggling to keep their children safe & dry each night, feel trapped. They find it difficult to see beyond their situation. | Inspires a response to want to give back to their community. |





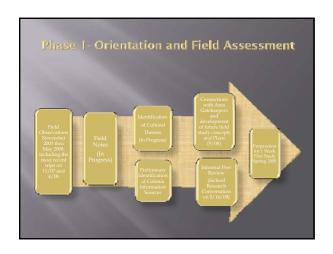






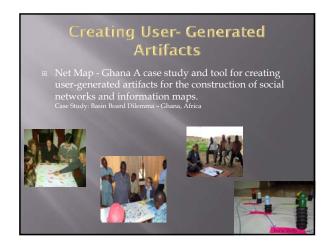




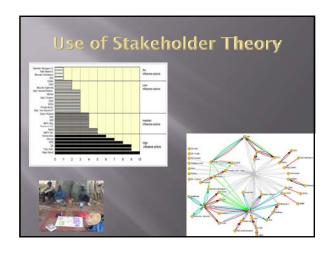




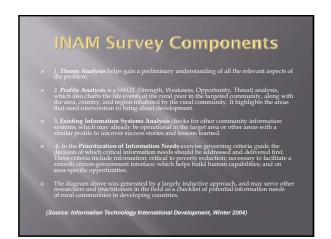
SAMPLE RESEARCH
METHODS TYING IN THE
INFORMATION NEEDS OF
DEVELOPING COUNTRIES

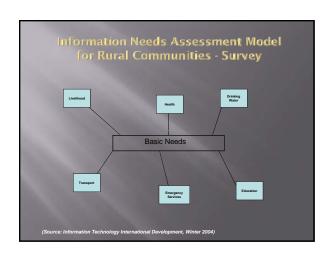


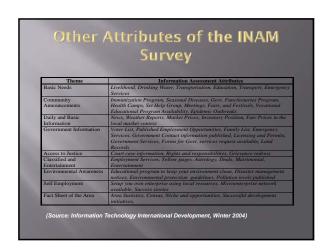
Research Questions in the sample case study What is the water-governance landscape? How does multi-stakeholder governance work? Do people see influence connected to position in the network? Which kind of link is crucial for determining influence? Can improved network understanding improve collaboration? What are clusters, cut-points, brokers etc. How does network develop over time?













Sample Research Questions

- Can information and technology enhancements be used to close the digital divide in Ensenada and its surrounding area?

Sample Research Questions -Part 2

- what types of information do the build teams use in order to have a safe, productive home build process?

 Is there a change in community social status by the families who received the new homes?

 Is there any change in social status between the families that received metal homes vs. those that received wood horseloops interventions might have the greatest value for Colonia Communities?

 What technology interventions might have the greatest value for Colonia Communities?

QUESTIONS/DISCUSSION