Information Management Resource Kit

Module on Building Electronic Communities and Networks

UNIT 1. ONLINE COMMUNITIES: A NEW OPPORTUNITY

LESSON 4. ELECTRONIC NETWORKING IN COMMUNICATION FOR DEVELOPMENT









Communication for Development
The diffusion model is very attractive to those hoping to influence public opinion and behaviour, such as government, opposition parties, and advertising agencies and, for that matter, development organizations. However, the hierarchical nature and the top-down orientation of this approach is hard to deny. In general, the dominant top-down model coexists alongside more bottom-up participatory approaches to development.
In your opinion, which of the following aspects are typical of participatory approaches?
 Vertical communication Horizontal communication Self determination Persuasion Passive receivers of development Active and critical Long term / process oriented Short term / message delivery
Click on the answers (two or more) of your choice

Communication for Development	
The table below summarizes some commun participatory approaches.	nication aspects of the hierarchical an
HIERARCHICAL MODELS	PARTICIPATORY APPROACHES
Behavioural causes	Structural causes
Vertical communication	Horizontal communication
Persuasion	Self determination
Individual change	Societal change
Passive receivers of development	Active and critical
Objects of change	Agents of change
Massive diffusion	Dialogue and debate
General assumptions and prescriptive solutions	Specific and diverse negotiated solutions
Short term / message delivery	Long term / process oriented
Adapted from Gumucio (2004)	

L	Communication for Development
Beha	avioural/individual and structural/social change
actio locus we a	logists who have studied peoples' behaviour have two distinct schools of thought regarding peoples' ns. This is a longstanding argument called the ' nature/ nurture' argument. Some thinkers believe that the of change lies with the individual and their inherent behaviour and actions (nature), others believe tha re greatly influenced by our culture and environment (nurture) and respond or act according to the tion in which we find ourselves.
For e	xample, consider why someone steals?
other first (e would argue that is it because they are a 'bad' person with no sense of morals or responsibility, whilst s would emphasise that it is the environmental factors such as poverty, which lead someone to steal. The explanation focuses on the behavioural causes of the individual whilst the second suggests that the society e structural causes which are to blame, a society where some people are rich and others are poor.
Depe	nding on which argument you feel best suits the situation will determine your response to the situation.
centr indivi socie	is important for development workers, particularly in communication. If you believe that the problem is ed on the individual then your development intervention will target the individual. You want to see dual change in that person's behaviour at the end of the project. If you believe the problem is caused by ty, or is a structural problem, then you will address the structural system which encourages certain actions e end of the project, you will want to see evidence of the structural change.



Communication for	Development
	 Participatory approaches using media such as radio, audio cassettes and video are also used. A new discipline emerges when participatory approaches are combined with specialized use of media. Known as Communication for Development, this discipline is a participatory approach that uses media such as radio, audio cassettes, and video. Communication for Development is a term used to indicate a planned communication approach that supports development programmes and projects.
	What's in a name?
Communication professionals across t approach that supports development These approaches have more commo Some of the terms used are: Communication for Development Development Communication Communication for Social Change Strategic Communication	



Communication for development
Let's consider, for example, the following development project.
Does it adopt the communication for development approach? Why? (Please specify which principles of communication for development have been applied or not applied.)
Click on the image above to read the example. Write your answer in the box below. Then, click on Comment to read the opinion of an expert.
Comment

Using communication technologies

Today, a variety of organizations work to support and enhance communication for development focused on rural and agricultural development.



USIN	communication technologies
"appr	agencies attempt to reduce inequality by involving people in their own development, and using priate" communication technologies (those that fit with local communication traditions and s, and can be adapted, adopted and appropriated by people working at the grassroots level).
	nd more, these agencies are focusing efforts on using computer and Internet based ologies <u>(new ICTs)</u> within the context of communication for development.
Nev	ICTs
mee	term ICT (Information Communication Technology) is often focused on the new electro ia despite the fact that the term encompasses everything from paper and pencil to boards and community halls.
	ever, we will use the term " new ICTs " in this lesson to specify we are referring to the buter- and Internet-based technologies.
These	new ICTs are becoming more accessible and provide faster and better-focused access to tion. Electronic mail is the most commonly used new ICT and has revolutionized the way people ations interact in terms of time, cost and distance.
	Check the interactive lesson for access

Using communication technologies

The field of communication for development faces challenges with regard to new ICTs.

Before engaging in efforts to use these tools, it is necessary to answer the following ${\bf key} \ {\bf questions}...$



- What role will the Internet and other new ICTs play in rural and agricultural development?
- Who will benefit?

• Which sectors need to come together to provide the necessary telecommunication infrastructure and/or power sources to support new ICTs?

• Is there adequate software and hardware, and support, available in each country or region?

What types of training, planning, and financing are required?



Using communication tec	Lessons learned – working with (multiple) stakeholders
Lessons learned: working with stakeholders	 Local organizations and groups capable of acting on rural and agricultural development plans require new skills and knowledge to make informed choices about communication for development approaches and media choices. Capacity building and institutional strengthening for intermediary organizations that serve rural and agricultural development is necessary so that they can make the most appropriate and creative use of traditional media and new ICTs. Local organizations and groups require a voice to highlight their so then can negotiate on equal footing with external institutions, also in choices of communication for development approaches and media choices.
	 Cultural and social sensitivity to the use of ICT tools for educational and informational purposes are critical. The launching of ICT projects needs to be accompanied by advocacy so that communities are aware of the purposes and people have a clear understanding of their roles, and in particular how they will be part of decision making about objects, applications, content, etc
	 External institutions seeking to enable local organizations and groups to participate in communication for development initiatives need to establish a connection with the local groups to enable a trustful, learning relationship to emerge.



	al and agricultural development provides for several key ional media. However, ICT and new ICT projects also nesses.
KEY STRENGTHS	 a new range of additional media that can be part of the communication for development "mix" of traditional and/or appropriate media; where accessible, these new media have features that enable bottom-up articulation and sharing of information on needs and local knowledge; can increase efficiency in use of development resources because information is more widely accessible; can result in less duplication of activities because information is more widely accessible; they tend to reduce communication costs (often dramatically) in comparison to other available communication and human resources; and rapid speed of communication - locally, nationally and globally.
	Check the interactive lesson for access to imark_future_trends.doc





Noreover,	the new ICTs have the following unique features. They can:
	ottom-up expression of development needs and perceptions and facilitate the merging of local knowledge and information.
flow to and developme efforts. Ne enhance th	Treate and strengthen interactive and collaborative networks that enable information to I from rural communities and facilitate dialogue between communities, intermediaries and nt organizations. These networks can also foster co-ordination of national and local development w ICTs can help overcome physical barriers to knowledge and information sharing. ICTs can also the capacity of grassroots organizations for their voices to be heard. This is especially true of ICT at are managed by local communities, such as community-owned media and community .
interest gro	olicy and advocacy by meeting the information needs of elected officials, decision-makers, sups and grass roots advocacy organizations. They can be activated for social networking and n, to build up public awareness around development issues and for upward pressure on policy
and issues opponents	d consensus through the provision of information on government programmes, policies, decisions to advocates. Many governments are putting such information online. On the other hand, can also seize the same tools for Internet campaigns to support their own agendas. Such online d balances" of political agendas potentially can contribute to political debate and democratic

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Access to telecommunication infrastructure

Many prospective participants in electronic communities and networks for rural and agricultural communities live and work in rural and remote areas.

It is therefore important to examine <u>rural access to telecommunication services</u> in planning electronic communities and networks.



Globally there is a serious lack of data on rural telecommunication access. In planning electronic communities and networks, it is important to dig beneath available statistics to gain a true understanding of the realities of access to telecommunication services in rural areas.

Those realities can seriously impact how you plan your initiatives!

The best way to plan to include rural and remote users in an electronic community or network is **to get in touch with them directly** to understand the telecommunication challenges and costs they will be facing. The resource section of this lesson provides some useful resources for your planning efforts.



	assist these prospective users is to get more actively involved in unication policy advocacy efforts.
have big result Salvador, Guat	s that even small efforts to put rural telecommunication policy on the national agenda can s. Advocacy efforts to improve telecommunication policy and bridge the digital divide in El emala, Trinidad & Tobago, Canada and Australia have yielded impressive results. e <u>useful tools</u> to assist with these efforts.
	essive Communication – Capacity Building: Understanding ICT Policy - <u>/resources.shtml</u> . It includes:
to encourage more p don't know much ab works, a human-righ	ginners Handbook". According to APC, this book "lays out the issues and dispenses with the jargor beople to get involved in ICT policy processes. It is for people who feel that ICT policy is important bu out it, e.g. a government official worried about a gap in her technical knowledge of how the internet ts worker concerned that his need to send secure email is being challenged by national government up with paying exorbitant rates for dial-up Internet access and ready to organize".
	vil Society" Training Curriculum. According to APC, the "ICT Policy for Civil Society training course f civil society organizations to understand policy and regulation related to information and nologies (ICT) so that they can begin to engage and influence policy processes affecting ICT adoption







Multi-stakeholder planning

Ensure that participants develop measurement frameworks

Measurement frameworks are critical to the fostering and determining the success of any communication for development effort.

Measurement frameworks must be relevant and meaningful to stakeholders.

To be so, the measurement frameworks must be developed by the participants, and the tracking of measurement indicators must also be done with and by participants.

This will help ensure that participants take responsibility for the evolvement of tools and processes that work. Again, organizations with experience in using participatory techniques to develop measurement frameworks will have an easier time supporting communication for development efforts than those that do not have this experience.

Reward the organization's leaders, managers and policymakers for the development outcomes of their projects

It is also important to recognize that organizational incentives to use communication for development approaches are often weak.

Other criteria (e.g. securing funding, rewarding supports) may be more important in determining the success of a manager or a policymaker than the outcomes of a specific communication for development project.

Organizations that tend to reward managers and policymakers for the development outcomes of their projects will be more inclined to support communication for development initiatives.

Provide support for access to hardware	telecommunication services and for software and
	ys provide smooth budgetary and technical support for some tion for development efforts that involve new ICTs.
	ation services (e.g. monthly phone bills and Internet Service ware and hardware is absolutely necessary.
There is a need for budgetary plani cycles and strategic planning.	ning awareness and integration of initiatives within budgetary



Best practices and examples Twelve common elements among successful communication for development efforts that involve new ICTs can be suggested, as far as... Planning and Design Preliminary participatory communication and information needs assessments with intended users Awareness building campaigns designed to sensitize decision makers to the possible uses of ICT services Local "champions" identified and supported 3 Involvement of the full community of users, including women and youth Combination of centralized and decentralized information production, analysis and distribution 5. Sustainability Executing agency commitment to participatory rural and agricultural development Open participation of user community in design, implementation and management of communication and 2 information services 3 Institutional and user commitment to manage and sustain ICT services Ongoing provision for technical training, user support and outreach within the user community Ongoing provision for technical support and system maintenance/ upgrading 5. 6. User community financial commitment in communication and information systems (e.g. ownership of hardware, user fees, salaries, infrastructure, etc.) Social service orientation of local private sector or not-for-profit (university or NGO) Internet and ICT service 7 providers The Functional Map below provides a detailed overview of specific project tasks common to communication for development efforts. While not specifically focused on new ICTs, the map provides an excellent orientation to a communication for development approach to planning: Functional Map for Communication for Development and Social Change (Irigoin, Whitacre, Faulkner and Coe, 2002) Check the interactive lesson for access to Competencies Flow Chart.pdf



Communication for specialized use of	or development is a discipline combining participatory approaches with media.
	omputer and Internet based technologies (also called new ICTs) are used t of communication for development.
	T project can be very challenging because of access and capability sequence, careful analysis and planning are required.
Key lessons learn	ed in this context suggest the adoption of the following best practices:
	ting technical and organizational systems;
	the user community in the design and management of the ICT solutions,
	III range of existing media; and II community of ICT users, not just the male half of the community of



ONLINE RES	DURCES nunication Development Report 2003	
Executive Sum	nary (contains an overview of universal access measurement i access index figures). <u>http://www.jidaw.com/itsolutions/Sum_</u>	
- Basic Indicato	Statistics Home Page rs: statistic on far right column is for teledensity by country int/ITU-D/ict/statistics/	
the number of	ators: by country, estimates of total number of PCs per 100 in nternet users per 10,000 inhabitants Regional indicators avail. a http://www.itu.int/ITU-D/ict/statistics/at_glance/Intern	able for Europe, Arab
ITU Digital Acc	ess Index - <u>http://www.itu.int/ITU-D/ict/dai/</u>	



References	
and Training to Rural Telecent for rural development through	, et al. 1998. Applying the Lessons of Participatory Communication rres. In The first mile of connectivity: Advancing telecommunications participatory communication. FAO, Rome. aoinfo/sustdev/CDdirect/CDre0037.htm
Batchelor, S. and Sugden, S. http://www.sustainableicts.org	2003. An Analysis of infoDEV case studies: lessons learned. InfoDEV <u>//infodev/infodevreport.pdf</u>
	nge Consortium. 1999. Communication for Social Change: A Position http://www.communicationforsocialchange.org/pdf/positionpaper.pr
Communication for Social Char http://www.communicationfor	nge Consortium website. 2004. socialchange.org/roots.php
FAO, 2000. Folk and traditiona http://www.fao.org/sd/CDdirect	al media for rural development: A workshop held in Malawi. Rome. ct/CDan0029.htm
FAO, 2004a. Communication f http://www.fao.org/sd/kn1_er	for Development website. Rome. h.htm
FAO, 2004b. Women and the http://www.fao.org/FOCUS/E/	Green Revolution. Women and Food Security website. Rome. Women/green-e.htm
Melkote, S. 1991. Communica	ation for Development in the Third World. Sage, India.

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