The Ecuador Project

Dr. David R. Evans
James Hoxeng

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The Ecuador Non-Formal Education Project is a joint project of the Ministry of Education in Ecuador and the University of Massachusetts, Center for International Education, funded under the auspices of the United States Agency for International Development.

TECHNICAL NOTE NO. 1

THE ECUADOR PROJECT

NOTE WRITTEN BY:
DAVID EVANS
JAMES HOXENG

SUMMARY:

The background of the project and the basic philosophy are outlined. Criteria used in generating non-formal educational materials are discussed and the three classes of materials currently in use are described. Approaches to the distribution and use of the materials by a network of complementary organizations are analyzed.
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CIE PHILOSOPHY AND APPROACH

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PUBLICATIONS OFFICER
Hills House South
Amherst, MA 01003-U.S.A
Technical Notes 1-14 were produced by staff members of the Ecuador Nonformal Education Project. Each note focuses on a particular issue or technique which has been developed and tested in Ecuador. The notes contain the information available at the time of writing and analytic comments based upon available evaluation data. However, the notes are in no way an evaluation of the project. Their purpose is to share ideas and information about new techniques as they are developed. Project staff want to encourage comments and suggestions from readers who may have had experience with similar techniques in other settings.

The project was financed by USAID and was a joint undertaking of the Ministry of Education in Ecuador and the Center for International Education at the University of Massachusetts. Ideas and materials derived from the ideas were created jointly by staff in Massachusetts and staff in Ecuador. All materials have undergone considerable change in the field as usage in various situations indicated needed modifications. The notes attempt to accurately credit the creators of each technique. In some cases, though, ideas have been modified by a variety of people and precise assignment of credit is difficult. In all cases, various members of the staff have made substantial inputs into the final version of the materials.

After three years of effort the number of people in Ecuador and in the United States who have made substantial contributions to this project is considerable. Rather than trying to enumerate the particular contributions of each, we will only note that this has been a genuine bi-national effort.

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Center for International Education
Hills House South
University of Massachusetts
Amherst, Massachusetts 01003

David R. Evans
Series Editor & Principal Investigator
The project began with a mission in the spring of 1971. A team from Massachusetts visited and studied nearly thirty different programs, institutions, and projects throughout Ecuador which were engaged in non-school educational activities. These included government programs such as the Ministry of Education's adult literacy efforts, as well as small privately sponsored projects. The goals of the study were to identify ongoing projects, to assess the potential of existing institutions to make use of non-school education techniques, and to assess the willingness of these institutions to try out new procedures. The study confirmed that there were a substantial number of institutions either involved in non-school educational activities or interested in becoming involved. Interviews with the personnel running many of these programs also indicated that considerable difficulty would be encountered in trying to set up any centralized organization which included these various institutions. There were too many actual or potential conflicts to make such an approach viable.

The philosophy and the techniques of the project have evolved over a period of several years and it is now difficult to separate out specifically who is responsible for which aspects of the project. The subsequent notes in this series give credit to the creators of specific materials. In this note, the authors have attempted to accurately describe and summarize the project which is necessarily the result of the efforts of many different people.
Nevertheless, many of the institutions expressed an interest in trying new methods and in some cases indicated a degree of dissatisfaction with the methods currently being used. The study team observed that most of the organizations were employing a very narrow range of training techniques, and in many cases had problems maintaining interest and attendance. The feeling of the team was that appropriate techniques could be created and utilized within the context of many of these organizations. They recommended that a process be set up to create, test, and implement new techniques, working at least initially on a bilateral basis with any interested group in Ecuador.

After further development work in the summer of 1971, a contract was signed between USAID, the Center for International Education at the University of Massachusetts and the Government of Ecuador. The contract provided for the development and pilot testing of a wide range of approaches to non-school education. Emphasis during the first year of the contract, which began in January of 1971, was on the development of new techniques. During subsequent periods the emphasis will shift to discovering ways for efficient distribution and use of the new approaches.

BASIC PHILOSOPHY & RATIONALE OF THE PROJECT

The need for alternative sources of education is particularly critical in rural areas of Ecuador. The majority of the population (61%) lives in rural settings and survives either by subsistence farming or by working on large haciendas. Included in the rural population are almost
all of the Indians, who represent about 40% of the total population of Ecuador. Nearly half the population is under 15 years of age, and the overall population is growing at a rate of 3.4% per year. The education facilities available to serve the rural population are severely limited. Overall, 20% of the 6-12 age group is not in school. In rural areas the percentage not attending is often much higher. Very large proportions of those who do attend repeat grades and subsequently drop out well before the end of primary school. Only 13% of the children who begin first grade in the rural areas finish sixth grade, while nationally - taking urban and rural groups together - nearly half those who enter first grade fail to complete even two full grades. In spite of this, over 70% of the population of Ecuador is reported to be literate, although the definition of literacy is vague and often means little more than the ability to sign one's name.

Those who do attend school find a traditional academic curriculum, teachers with limited training and often little knowledge of the local culture and language, a scarcity of books and other learning aids, and buildings of poor quality. What learning resources there are seldom relate to the life and experience of the rural children. Books depict urban scenes, activities, and clothing styles unknown to most of the children.

The prospects for significant improvement and, more importantly, substantial expansion in the size of Ecuador's formal education system are very limited. Ecuador now spends 4% of its GNP or about 25% of its national budget on education. Even the most optimistic estimates
of rates of economic development indicate the impossibility of significant increases in the number of people served by the formal educational system. When combined with the inability of the schools to provide content and skills which are functionally useful to rural peoples, the need for serious experimentation with other approaches to rural education becomes very evident.

In this context the project set out to explore the possibilities for rural education at the opposite end of the spectrum from the relatively expensive formal system of education. A number of basic principles guided our early decisions about what we would try to do and the methods we chose to experiment with. These are set out briefly below.

1. **Emphasis on functional education:** Our major educational goals were the learning of skills and knowledge by rural people which would be directly useful to them in their lives and villages. Emphasis was therefore placed on such things as the numeracy required for market settings, and on awareness of problems in one's environment and the options available for their solution. A major goal was the development of a sense of self-worth and a belief on the part of the participants that they could learn and that they could have an influence on their own life situations. Literacy was included in our goals, but only as it related to the villagers' needs, and not as an end in itself. The extent of emphasis on literacy or any other skill depends on the situation. The emphasis changes over time in any particular setting as the people become more aware of their potential and identify new needs.
2. The use of non-professional manpower: The project started with the assumption that any educational mechanism which required a fully trained and paid professional in each village would be impractical. Even if such people were not professionals and had only low levels of formal education, their cost would strain the available resources severely. Use of non-professionals also emphasizes the basic philosophical viewpoint that people can learn from each other and that education doesn't necessarily require someone labeled "teacher."

3. The use of attractive and self-instructional materials: Having opted out of the formal schooling model, one gives up compulsory attendance, authoritarian relationships between teacher and pupils, and the option of relying on an external set of motivators. As a result, non-formal materials must be attractive, self-motivating, and usable with relatively little outside input. The materials must require only the level of numeracy or literacy skills which users are likely to have. Topics must be related to the lives and experiences of rural villagers and must be perceived as useful and entertaining. The goal is to provide a series of materials which rapidly lead people to create further materials of their own and to take an active part in structuring their own learning. Finally, materials need to be cheap, easily reproducible, and readily available.

4. Use of a wide variety of distribution systems: Taking heed of Ivan Illich's recommendation about learning networks, the project sought to promote a wide range of methods of distribution and use of materials. A conscious decision not to build a centralized bureau-
ocratic model of non-formal education was made. Instead, the project was to function as a resource center for ideas and for pilot development of materials. The project would work with any institution which showed an interest in the materials and would agree to use them in current or future programs. The goal was to make a set of new materials and processes available to government, private, and local organizations of many kinds.

While the project also cooperates with the formal school system, its primary target during the initial stage is that part of the rural population which is now largely untouched by the schools. However, the project has been working directly with the adult education program of the Ministry of Education, precisely because it is reaching some of the populations not included in the schools. In addition the project is seeking to create a private sector where commercial firms make use of the existing network of local markets to demonstrate and sell a variety of low cost educational devices.

5. Materials to be created and developed by Ecuadorians: Although an initial set of twenty basic ideas was created at the University of Massachusetts by the project staff, much of the subsequent adaptation and creation of new materials is taking place in the field. To facilitate this process, the ideas created outside were presented in partially completed form with sample materials purposely produced in an unfinished way. Rules for games were often not shared in their entirety with groups testing the materials. As a result, substantial modification of pilot ideas took place from the start. After the
first six months, most of the new techniques were developed in the field.

MATERIALS DEVELOPMENT

From the beginning the staff felt that the type of materials developed for the project would be a crucial factor in determining who used them and how they would be used. A set of guidelines for materials was developed which set out criteria for judging their appropriateness for rural non-school education. A brief discussion of these criteria will help the reader understand more clearly some of the implications of the principles discussed in the previous section.

One of our primary criteria was that the materials be cheap and easily reproducible from locally available materials. Ideally, many of the devices could be constructed by the villagers themselves once they were exposed to a model. Thus things like wooden dice, simple playing cards, and games like ring toss or simple roulette could be easily constructed by local carpenters. For board games requiring more complex printing, we are experimenting with making the facing available for villagers to put onto a board which they provide. Devices which are produced outside the village should be durable, attractive and above all cheap - well within the budget of typical families. This means there is an effective limit on the cost of reproduction of most materials of $1.00 U.S. or less.

Another important aspect of the materials is their motivating ability. Above all they must be fun to use and must spark interest and partici-
participation on the part of the users. The goal is active involvement so that users gain confidence in using the concepts or skills taught by the materials. Since there is nothing compulsory about the use of the materials and since external rewards are largely non-existent, the materials must carry the full motivational ability within themselves. Full use is made of local cultural traditions of entertainment. Gambling, competition, prizes, or whatever seems to generate enthusiasm and participation is used whenever appropriate. Flexibility in the components and processes used in games is often a motivator. The more villagers can change the materials to make them fit local circumstances, the more they will participate.

Materials should have immediate relevance to the users' situation and where possible should relate to popular culture. Materials need to appeal to villagers with little or no formal schooling, people who haven't been taught that learning occurs as separate subjects like math or history, people who will naturally relate the materials to the substance of their daily lives. Even reading and writing and simple math can be readily related to a discussion of community problems and issues. Such an integrated approach to self-development can often be facilitated by making use of aspects of popular culture. Local games can be modified to include practice of numerical skills, competition can be expanded to include new knowledge, and so forth. A number of the project's current materials are direct modifications of locally popular games. For instance, instead of prescribing in the rules of a game the way in which disputes are to be resolved, the process is
left to be devised by those playing the game, according to their own customs.

Use of the materials should be possible with only minimal input from trained outsiders. In most cases it is intended that local non-professionals with short intensive training will be able to make use of the more complex materials. The simpler devices should be self-explanatory and require little more than a group of individuals interested in using them. Most of the devices should require little in the way of literacy skills. Even the more complex simulation games can be transmitted verbally as long as someone in the village knows how to play. For example, the Hacienda game (See Technical Note #3) instead of having written rules, incorporates the role of a lawyer who knows the rules. Players must negotiate with him as they go along to discover what they can or cannot do. Under such circumstances rules are very flexible, and each village or group tends to develop its own version of the game.

Finally, materials should be conceived of as part of a self-generating curriculum, rather than a finished product. Various conscious techniques should be used to provide learners with a framework upon which they can build content and procedures which are valuable to them. Avoiding written rules, using unfinished versions of games, keeping materials simple and unimpressive to avoid intimidating users; all these are techniques which help the materials to serve as input to a process rather than as endpoints. The overall purpose of non-formal education is to release local resources and to develop in people an awareness of their ability to learn from already available materials.
The materials developed during the first year of the project meet these criteria to varying degrees. As further usage occurs in the field a better understanding is emerging as to the relative importance of different criteria in various settings. Future development should contribute substantially to the process of evaluating these criteria for judging materials.

The devices which have been developed can be grouped into three general categories for convenience. They are: 1) Simulation games - often board games which deal with complex social reality. They are intended to clarify social issues and promote group discussion of problems. Often the games provide a means for exploring and testing possible behaviors in real life situations; 2) Fluency games - these deal with simple numeracy and literacy skills by creating entertaining and involving processes which provide practice and increase the confidence of the players in their abilities; and, 3) Expressive techniques - this is something of a residual category which includes a variety of devices designed to make it easy for villagers to create stories, write things, and generally express themselves. Included in this category are things like the fotonovelas featuring photographs of real campesinos and Indians and portraying a realistic struggle in their lives.

The series of Technical Notes, of which this is the first, is designed to provide detailed discussion about individual techniques. Only brief mention will be made here of a few examples to indicate the type
of materials included in each category. The simulation games which currently exist deal with a variety of situations. Hacienda simulates the setting of a rural Andean village and deals with issues of land ownership, improved farming, and the role of various local authorities. Feria is a game which focuses on market economics and the seasonal changes of prices. El Robo is a simple game which revolves around the perennial problem of what happened to the money in the Coop treasury. The game of Coop simulates a simplified version of the annual cycle of buying and selling by a cooperative. The game requires accounting skills on the part of the manager, and all players participate in an annual election where a decision is made to retain or replace the manager.

These games and their growing number of adaptations vary greatly in the amount of field testing which has taken place so far. Clearly established, however, is the fact that such games are feasible, that they are intensely involving for rural villagers, and that they are effective in generating heated discussion and analysis of both the games and the real life which they simulate. Precisely what cognitive information they transmit, or exactly what aspect of the games is most effective in producing learning are questions which remain to be answered.

 Fluency games tend to be much simpler and come in a myriad of forms. Basically they consist of things like dice or cards containing letters or numbers. In all cases a simple set of rules provides players with turns at creating words, solving simple math problems, matching problems
and solutions, or betting on the outcome of a roll of the dice. Variations include a number and word bingo, a mathematical roulette game, a pinball game, and a variety of word games based on traditional Ecuadorian betting games. In most cases the materials required are very simple and can be used in a variety of ways as players make up their own rules. These games have proven to be very popular, particularly among people with very limited skills. The games are non-threatening and entertaining. In formal literacy classes and in school settings they have been found helpful in maintaining attendance and dealing with discipline problems.

The expressive games have had less field testing than the other categories, and in some cases are still in the idea stage. An example of the latter are rubber stamps. They are conceived of as a set of simple figures - human figures, animals, houses, etc. - which people can use to make their own posters, to create visual stories, to illustrate ideas or just for decoration. Basically they will be used as literacy support devices. In a similar vein, photographs and posters of local scenes and events can be used as stimuli for group discussions. Such devices are part of the process often used by people following Freire's consciousness-raising approach. As already indicated, the fotonovelas are included in this category. In the future such things as traveling drama groups made up of the actual people in the novelas and a set of cheap puppets which communities could use as a step in the direction of creating their own local theater presentations may result from the novelas.
As can be seen from this very quick overview of the techniques being tried by the project, our first year has been spent in generating multiple techniques and methods for non-school education. Our approach is eclectic, based on the assumption that few precedents exist and that there is little basis for *a priori* elimination of materials. We also believe strongly that people's interest continues longer if they have a chance to choose their activities from a variety of alternatives. In a similar way, we are committed to working with a variety of institutions and potential distribution networks.

**DISTRIBUTION AND USE OF THE MATERIALS**

One of the basic tenets of the non-formal education project is the commitment to the use of a heterogeneous means of distribution. In Ecuador, as in many other developing countries, there is really no such thing as a genuinely national agency. Government ministries with national labels in fact serve only a selected part of the population in any effective way. This is particularly true of the educational system, as was indicated by the figures at the beginning of this note. The goal of this project is to explore ways in which the unserved part of the population can be reached and provided with functional education.

Without massive new outlays of resources, the only strategy which seems feasible is to find ways of making use of existing networks of communication. Creating new institutions or greatly expanding the size of existing ones is very expensive and time-consuming. The alternative is to add to the activities of existing institutions and networks, or to
encourage modification in their activities. In either case the cost and time required are small relative to other strategies. As a result the project has sought out and tried to make use of a wide variety of distribution vehicles for the non-formal educational materials. There are three types of distribution networks which might be used: large existing institutions, non-institutional networks, and commercial distribution networks.

Institutional Networks

The most extensive of these agencies is the Catholic Church, which has in the past proved its ability to contact and affect a huge percentage of the population in Latin American countries. Even if people are not good Catholics, they certainly have been influenced and taught by the church. While many of the goals of non-formal education are compatible with those of the church, the intent to increase participation and awareness of the possibilities for change may not be congenial to all church officials. There exists a minority group within the church which is advocating substantial reforms in the activities of the church. This group would likely be supportive of project goals and methods. The reaction of other parts of the church remains to be seen. Present experience suggests that the reaction of the local village priest depends greatly on the way in which an approach is made to a community.

The largest agency whose explicit goal is education is of course the Ministry of Education. Their adult education program operates in all
the provinces of the country and enrolls a substantial number of adults in literacy classes. Classes generally meet five nights a week for several hours. They are taught either by primary school teachers who are paid extra or by people hired specially for the task. The number of classes in each province varies from 10 to 15 in some to 100 or more in other provinces.

The non-formal education project worked on a pilot basis in the adult education centers of one province this year. The teachers from all of the centers in the province received a short training session, and the Ministry is making copies of some of the project materials available to them for use in their regular program. In this setting, the non-formal materials are being used by an aspect of the formal system. The staff and the setting are typical of formal educational settings, but the materials and the clientele are characteristic of non-school educational efforts. In addition, some of the primary teachers working with adults have already taken the non-formal materials into their classrooms in school. If government reaction is favorable, the project expects to expand its work with adult education to cover several more provinces this year. Eventually the non-formal materials may be used on a national basis in these centers.

Mision Andina, Ecuador's national community development agency currently operates in 5 of the 17 provinces of the country. Preliminary contacts with them have resulted in expressions of interest on their part to try certain of the materials developed in their own programs. Contacts with a number of Cooperative Unions has produced different
results: some have been anxious to use materials immediately by distributing them to the education officers in the cooperatives; others, suspicious, have adopted a policy of waiting to see how the materials are used in other settings first.

Although cooperatives are not organized with education as a major goal, some of their major problems seem to spring from the fact that their members do not understand the basic principles of a cooperative, and from the fact that many of them lack basic numeracy skills. Materials developed by the project to improve fluency in basic skills, as well as several simulation games designed to teach some of the principles of cooperatives, can be easily used as part of the activities of cooperatives during regular meetings. Once such activities are started, new needs arise and can be dealt with. One direction in which discussion can move is toward issues of nutrition and food preparation, for which a prototype game (La Comida) is also available.

The initial policy of the project has been to encourage experimentation with the materials by the widest possible range of institutions and individuals. This cafeteria approach means that any interested group can look over the range of materials available and decide to take one or more of them to try in their own organization. The project does little direct selling of the materials. Institutions which react in a negative manner are left alone, often to return six months later to ask if they can use a particular technique which they have heard of from an agency which is trying it out. Groups showing more than casual interest are offered short intensive training programs for members of
their staff to become acquainted with the materials and ways in which they can be used. Organizations are encouraged to modify both the materials and the way in which they are used to best suit their purposes. The project asks only that feedback on what happened be made available.

The result during the first year has been a somewhat random and spontaneous set of contacts. The increasing stream of visitors to the project asking for sample materials and for training sessions, is taken as an indicator of the attractiveness of the materials, and their potential for meeting educational needs of these organizations. The extent of spontaneous spread and modification of materials in less than a year, has been most encouraging. Visible signs now exist of second and even third generation materials which have been passed from village to village or to other agencies without any participation on the part of the project staff. These signs help to alleviate occasional qualms of the staff, and to offset the comments of observers from international development agencies who are frequently disturbed by the lack of centralized coordination and a clearly stated plan for national development of the materials.

The project is firmly committed to field testing the policy of promoting a multi-faceted distribution network for the non-formal educational materials. Our belief is that only in this way can substantial new resources be generated as people and groups become interested in using the new approaches. Each group must make its own materials - the project will only provide a few initial samples - and must find a way to sustain the interest generated by the first use of the materials. Our
goal is a substantial multiplier effect which doesn't depend solely on government support of one or more ministry operations. Our goal is a complementary set of agencies, both government and private, which together reach the parts of the population currently neglected.

During the second year the project will set some priorities for focusing its own resources, but will continue to supply materials and training to a wide range of agencies, in the belief that such an approach deserves a full-scale trial. Thus while the project will focus on certain selected agencies and provinces, our intention is to have development and spread taking place in other areas without our direct participation.

Non-institutional Networks

In addition to using existing institutions the project has fostered the creation of a non-institutional approach. CEMA, an Ecuadorian training agency, selected seven rural communities as sites for the first trial. Each village chose two to five people who received intensive training for a period of four weeks and then returned to the village to begin acting as learning "facilitators." These facilitators organize regular meetings of villagers - both adults and children - during which a variety of learning activities take place. They play learning games, discuss community problems, improve their skills and confidence with literacy and numeracy and often go on to take action concerning a village problem. Except for periodic visits from the trainers, these facilitators proceed on their own. Encouragingly, all
seven villages continue to have functioning groups nine months after they began.

A second phase has now begun. Surrounding villages without facilitators have become interested in the materials and want to use them. At first they borrowed materials and made their own copies. Now sufficient interest has been generated so that the original facilitators are running training courses for selected individuals from other villages. The result is a situation where campesinos from one village select representatives who receive training from a campesino facilitator in a neighboring village. Under these circumstances there is a high probability that what is taught will be directly relevant and will contain a minimum of useless external content. Potentially the costs of such a process are very low, and the possibility for spontaneous spread high. If such a process became self-sustaining, the multiplier effect and the low cost would make it very attractive.

Commercial Distribution Network

Complementing the other two distribution networks is a third possibility: a commercial, market-based system. In effect this means making use of the private profit incentive in combination with existing wholesale and retail distribution mechanisms. One approach to commercial distribution being explored by the project involves a combination of local producers and groups of traveling salesmen called "charlatanes" in Ecuador. Commercial production and distribution is also being used for the fotonovelas. In the latter case the normal
commercial channels for distribution are being supplemented by a variety of other mechanisms. For instance, some thought has been given to using bus drivers as a mechanism for reaching rural areas. Here as in all cases, the project is pursuing a goal of multiple, complementary systems rather than rely on any single system.

The "charlatane" system seems to be most promising in areas where the population is too thinly spread for schools, or where the terrain produces isolation. In these settings non-institutional methods are necessary because the economics of most institutional operations prevent them from penetrating into such areas. Even the poorest area has periodic markets. Because much of the material being produced for use in non-formal education is of a virtually self-teaching nature, it is feasible to think in terms of dissemination through markets, or even village to village sales. For the very poor areas, the wares could be subsidized, by being made available to the "charlatanes" at less than cost. The amount of subsidy would be small since the materials are very cheap. In many cases the campesino would need to buy only part of the device, since he could easily make the rest himself. The "charlatanes" would earn a percentage on anything which they sold, and with such incentives, would quickly devise effective schemes for reaching as many people as possible. One can also envision "maestro-charlatanes" who would combine a training and motivational role with their activities as salesmen. Again the attractiveness of both a low-overhead and a self-motivating distribution system is present.

The combination of institutional systems - both governmental and
private - with non-institutional systems and with commercial networks
has the potential of forming a comprehensive national network made up
of complementary distribution systems. The result could be the closest
thing to a national education system - as opposed to a school system -
yet developed. The project is devoting itself to the development of
all three categories of non-school systems for making educational activi-
ties available to the people of Ecuador.

The debate as to how centralized and coordinated such a "national"
network should be will continue for some time. The project is operat-
ing on the philosophy that at least for now the lack of a single co-
ordinating agency is desirable and in fact has a number of advantages.
The problems of relying solely on centralized agencies, whether gov-
ernment or private, include at least the following factors: their
capacity and penetration is often severely limited by shortages of
personnel and resources; the population is not homogeneous and large
segments are routinely discriminated against; there is a lack of con-
tinuity in programs; approval is needed from above before action can
take place; and almost inevitably, solutions and problem definitions
come from a centralized or even an external agency. The result of
these characteristics is usually the reinforcement of behaviors of
dependency and passive acceptance of things as they are on the part
of the recipients of services.

As an alternative, the project seeks to stimulate the creation of a
community-based demand system, where people become aware of themselves
as resources, and where communities begin to develop the skills required
to interact with agencies already present. People develop a set of survival skills: the ability and willingness to approach the appropriate source of information or material, and the techniques needed to get a reasonable hearing from organizational representatives, politicians, or educators. Too often existing programs tacitly depend on the fact that only a small percentage of the population knows that they exist, and even fewer know how to gain access to their services.*

Large scale development of such skills would readily reveal the inability of the government to cope with such demands and would necessitate creation of additional approaches. Hence the focus of the project on self-generation of resources and skills, and the value placed on involvement and participation. The combination of self-reliance and ability to make use of government capacities may provide the best hope for educational and economic development.

SUMMARY

This first technical note has sought to outline the development of the non-formal education project in Ecuador. In the first part the basic principles upon which the project is based are articulated. Next, the criteria used in seeking out new methods are discussed and a series of short examples are given of the three types of materials currently being used. The last section focuses on the difficult problem of

* In developed societies the same problems exist. Note for instance the following examples currently available in our own society: the New York Times guide to federal programs for officials of small towns, and a published booklet of blank cable forms addressed to appropriate officials in New York City.
delivery systems for the materials. The project's commitment to multiple, complementary systems is discussed and current progress along those lines is indicated.

The note definitely describes a project in process rather than a finished product. The project has been in existence for a fairly short time and many of the ideas are in a state of flux. The techniques and methods being used by the project are felt to be different enough from most other approaches to make an interim progress report valuable to others striving toward the same goals. The authors hope that this and the following Technical Notes will begin a process of mutual exchange of information.

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