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## STATE PLANNING AND OUTREACH PROGRAM

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The state commercialization planning and outreach program, as originally conceived and implemented in the Rocky Mountain States, and which continues to serve as the operational structure for seven states in DOE Regions VI and VIII, has a number of objectives as shown in Figure 1. We have sought a balance in the state activities between providing a number of required DOE planning objectives and providing a means by which state officials may, by various means, stimulate and encourage project development within their own states.

The relationship of the state program to other federal and commercial activities is shown in Figure 2. Quite clearly, many private projects will be undertaken without assistance from or reference to federal stimulation activities or state commercialization efforts. There exists, nevertheless, a large potential energy conversion market that will depend upon state and federal programs, and the ultimate objective of the state effort is to assist more people to arrive at the point of forming project development plans, as Figure 2 suggests.

The state program is primarily devoted to two areas of activity, as shown in Figure 3. A new state contractor will probably devote most of his early attention to several basic planning activities. Later in the contract period, more attention will be devoted to a multitude of outreach activities (Figure 4) to stimulate consideration of the geothermal energy option.

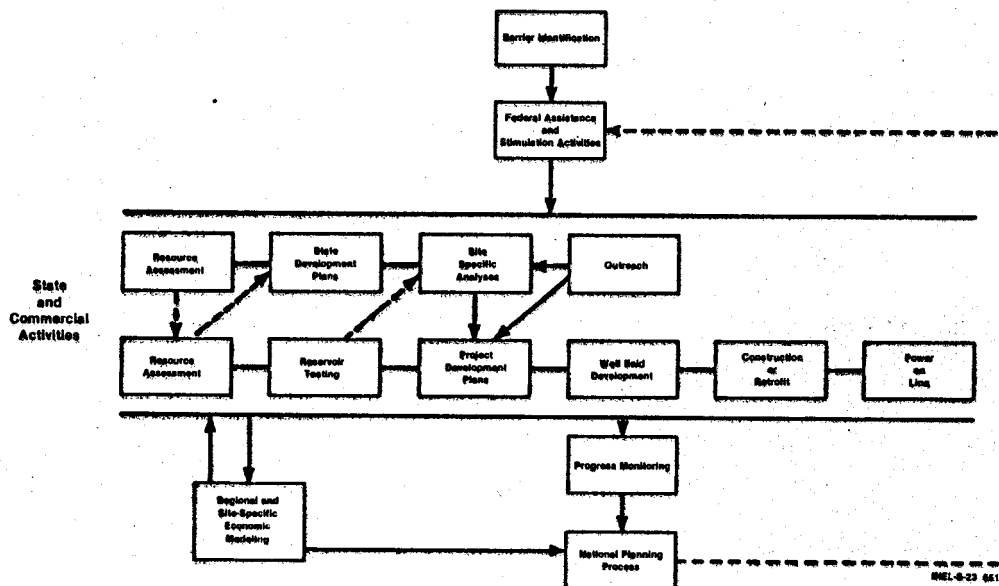
The basic planning activities (Figure 5) constitute a pyramid planning structure. The base consists of a number of Area Development Plans which describe, on a multi-county basis, energy use patterns among the industrial, residential, and commercial sectors. Other indices of growth are used, in conjunction with geothermal resource data, to determine the feasibility of market penetration by geothermal energy in a competitive fuels market. Site Specific Development Analyses are preliminary engineering and economic evaluations of a proposed project at a specific location. These analyses have the potential of being especially useful outreach vehicles. Time Phased Project Plans are project flow diagrams which graphically portray, by time periods, the many steps (technical, legal, regulatory) to be undertaken to produce a power-on-line project. Additional analyses are undertaken at the contractors option, for special applications of geothermal energy which may be of considerable significance to the state. Examples include the food processing industry, barley malting, gasohol, and the phosphate industry.

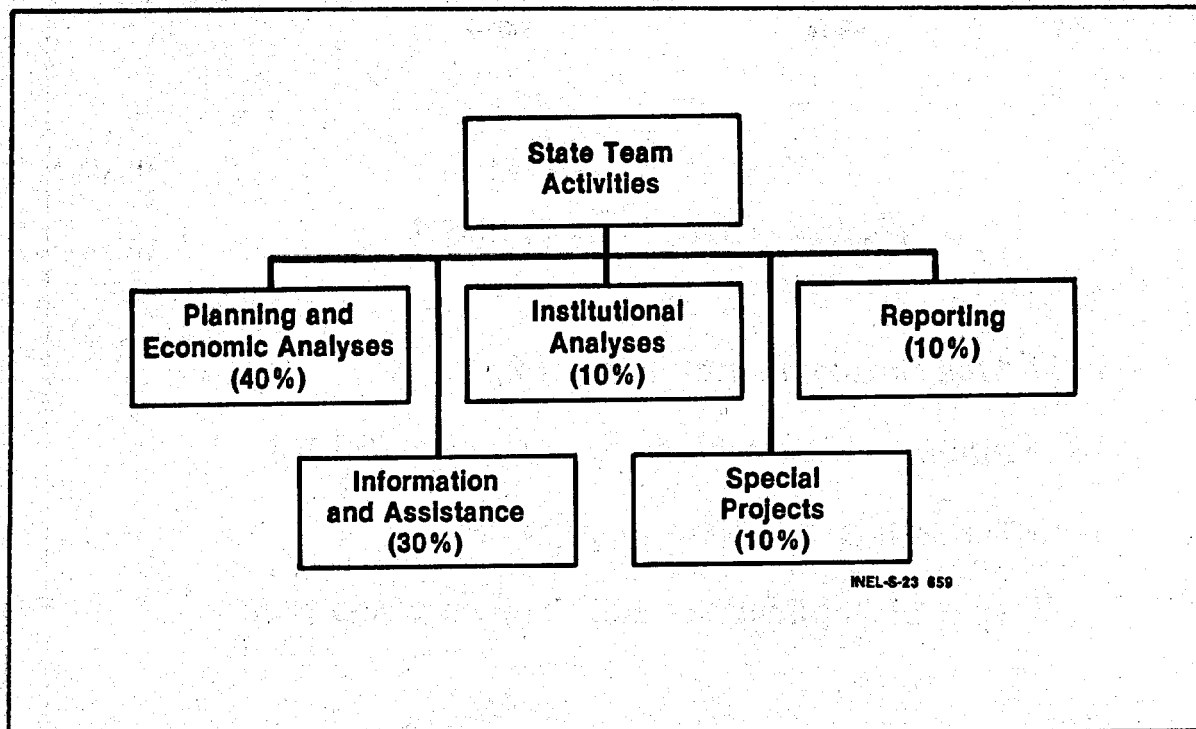
The experience of the program to date has suggested a number of areas requiring attention to assure that the regional programs achieve their fullest potential. Perhaps most important is the need for the closest possible management coordination of the resource and commercialization programs being conducted by contractors in each state. Another is the need for an inter-regional steering committee to formulate common general goals and to maximize the effectiveness of common resources. A "clearing house" structure should also be developed to assure that the several state contractors and the respective DOE management offices are aware of work being done elsewhere to avoid duplication and to render mutual assistance to state contractors.

# State Commercialization Planning Objectives

- Provide on-line energy development potential
- Develop state planning capability
- Develop state priorities in geothermal/alternate energy development opportunities
- Provide statewide technical assistance
- Resolve state regulatory and statutory deterrents
- Develop public information programs on geothermal potential

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## Information and Assistance

- Prospective Users
- Community Government
- Professional and Service Groups
- Assistance Brokering
- Legislative Liaison
- Media
- Workshops

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## **Planning and Economic Analyses**

- **Area Development Plans (ADP)**
- **Site-Specific Development Analyses (SSDA)**
- **Time-Phased Project Plan (TPPP)**
- **Special Applications and Economic Analyses**

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