

A distribution of the projects approved in this area (Quality of Life) is shown in Figure 5.

To redress some deficiencies in connection with biotechnology in the 1986 National Plan of R & D , a National Biotechnology Program was set in place for the period 1988-1992. The aim of the program was to implement more effectively, reinforce and expand to six working areas the four areas established in the 1986 National Plan. These areas were as follows:

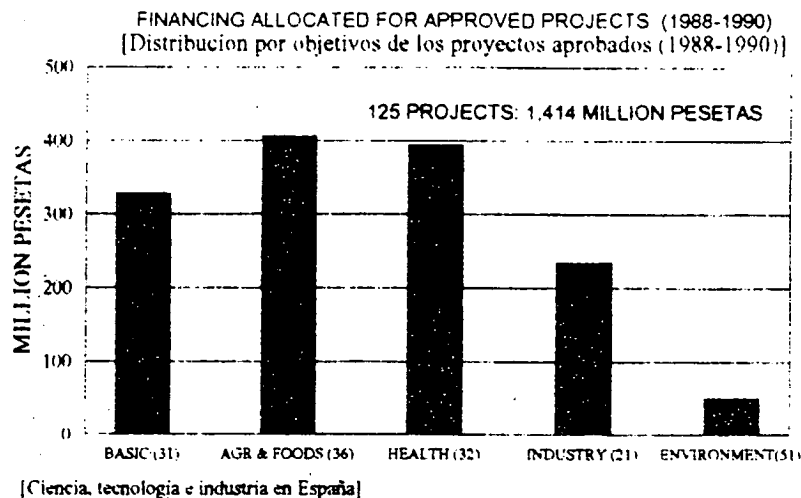


Figure 5

- A. Training and increase in R & D personnel,
- B. Creation of infrastructure and equipment,
- C. Funding of discrete R & D projects and joint research projects with the industry,
- D. Development and implementation of programs with other countries,
- E. Development and construction of a National Biotechnology Centre in Madrid by 1991
- F. Exploration and development of promising new areas in biotechnology.

Spanish biotechnology develops mostly within a number of Ministries specially the Ministry of Industry and Energy, the Ministry of Science and Education, and the Ministry of Agriculture, Fisheries, and Food. The financing of the National Biotechnology program comprised over 10% of the budget of the National Plan of R&D that is 5,487 million ptas. Figure 6 shows a breakdown of the budget.