

These are:

1. PROGRAM BRIDGE (Biotechnology Research for Innovation,  
Development and Growth in Europe)

**Period:** (1991-1993)

**Goal:** To foster transnational research, and produce biological data, materials, and processes for their industrial biotech applications.

**Budget:** Cdn \$144 million.

**Type of Projects :** There are two types of projects, N (Network, acquisition of data of industrial interest) and T (Target, of immediate industrial application). Some typical N projects include: Protein design and molecular models, evaluation "in vitro" of pharmacological toxicity of certain molecules, safety, evaluation of genetically modified microorganisms, etc. Example of T projects include: Sequencing of yeasts genomes, molecular identification of new plant genes, modification of bacteria of lactic acid, etc.

**Participation:** The EC provides up to 50 % of the cost of the project the rest must be provided by the industrial partners from more than one EC country. There are more than 600 European laboratories and research institutions involved in this program, 40 of which are Spanish. Canada could participate with Spanish and other European partners. To date more than 45 % of the successful projects counted with Spanish participation.

2. PROGRAM ECLAIR (European Collaborative Linkage of Agriculture and  
Industry Through Research)

**Duration:** (1989-1993)

**Goal:** To foster industrial integration of European agriculture utilizing biotechnology and other advanced technologies. The program encourages collaboration among industrial and agricultural sectors, and among state members. It promotes pre-commercial R & D, and facilitates interchange and training of R. & D personnel.

**Budget:** Cdn \$115 million.

**Type of Projects:** The program deals with four major sectors. These are:  
1. Production of biological resources for agriculture/industrial applications, 2. Harvesting and conditioning for agro-industrial applications, 3. Fractionation and/or extraction methods, 4. Transformation and control methods.