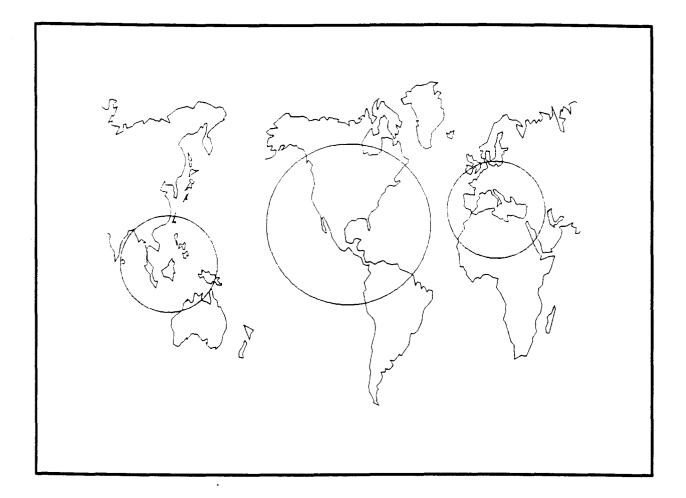
### An Industrialization Program for the Texas–Mexico Border

MS-4402

TTS



Presented by:

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June 1991

### **Texas-Mexico Border Perspective**

#### Texas Economy

- \* The Texas-Mexico border is not integrated into the industrial base of the Texas economy.
- \* The Texas-Mexico border has a total cost of business environment essential to the competitive position of Texas industries.

#### Trade with Mexico

- \* The Texas-Mexico border is a trans-shipment point and productivity sharing center for U.S.-Mexico trade.
- Texas border trade with Mexico Exports/Imports consist of products and services Service industries for exports and imports Production-sharing
- \* Export/Import and trade service industries are insufficient stimuli for economic growth and development.

#### Free Trade with Mexico

- \* Free trade is no panacea. It will not substitute for a sound development plan. Benefits of free trade will not accrue to the Texas border without a plan of action.
- \* The promise of free trade is industrialization.
- \* Free trade is a vehicle to industrialize the Texas-Mexico border, integrate it into the State's economy and focus resources on border infrastructure needs.

### **TEXAS AND GLOBALIZED MARKETS**

### Background

| • | Industrial Competitiveness: | Economic growth and prosperity depend upon establishing a competitive position in the global market. A competitive position is created through the ability to place products and services in the marketplace at prices comparable, or better than, others while achieving a reasonable rate of return for investors and improving the standard of living for workers.  |
|---|-----------------------------|--|
| • | Total Cost of Business:     | Industrial competitiveness is a function of "total-cost-of-business."<br>Texas with a competitive total-cost-of-business will prosper; Texas<br>without a competitive total-cost-of-business will languish.  |
| • | Markets:                    | Texas trade in the global marketplace takes two forms: (1) the<br>exchange of products and services and (2) production-sharing. The<br>former presents a market-access opportunity and requires a market-<br>penetration business strategy. The latter presents a resource-<br>integration opportunity and requires a market-development business<br>strategy to further industrialization of the state's economy. |
| • | Development Objective:      | To integrate Texas resources to achieve a competitive total-cost-of-<br>business environment for products and services.  |

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### TEXAS TRADE WITH MEXICO: TARGETS OF OPPORTUNITY

#### Background

- U.S.-Mexico trade exceeded \$58 billion in 1990.
- Mexico is the largest international market for Texas products and services.
- The Texas border with Mexico is the center of production-sharing with Mexico.
- The Texas resource base -- with its access to U.S. markets and efficient transportation and services -- is integrated with Mexico's low-cost, productive labor and has established the Texas border with Mexico as a globally competitive production-sharing site.

#### Markets

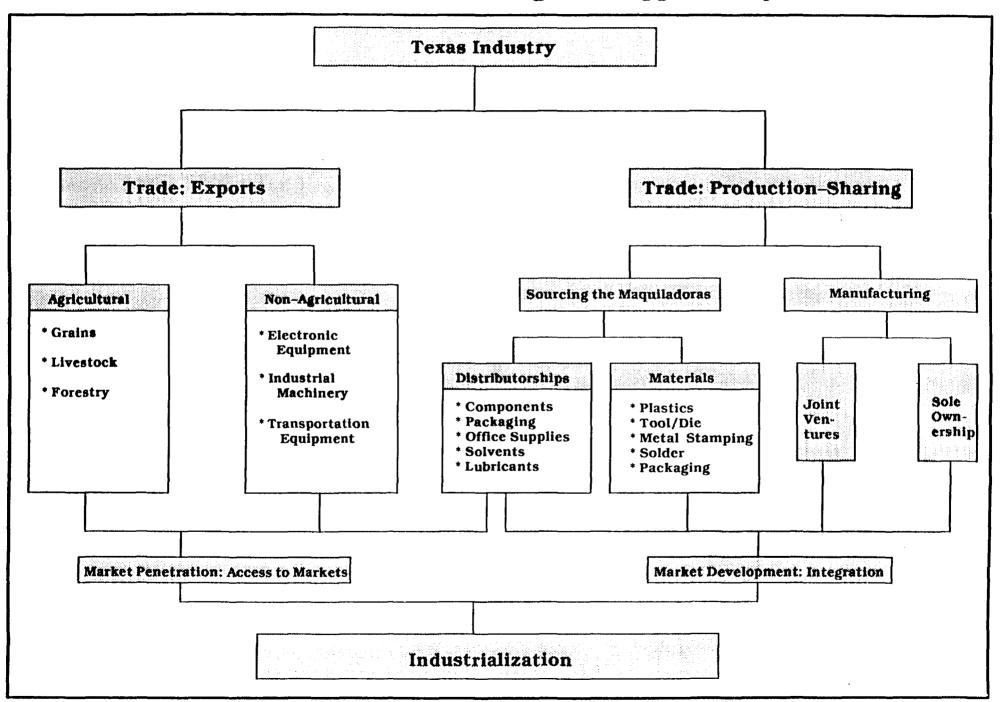
• Texas trade with Mexico exceeds \$9.0 billion annually. Exports and imports are traded in agricultural and non-agricultural markets. Mexico's production-sharing industry is a major market for materials and services.

#### **Development** Objectives

- To open Mexico's domestic markets to Texas exports of agricultural and non-agricultural products and services.
- To open Mexico's *maquiladora* market to Texas-sourced products and services.
- To integrate the resource base of the Texas border into the state's economy to enhance the industrial competitiveness of the state's industries.

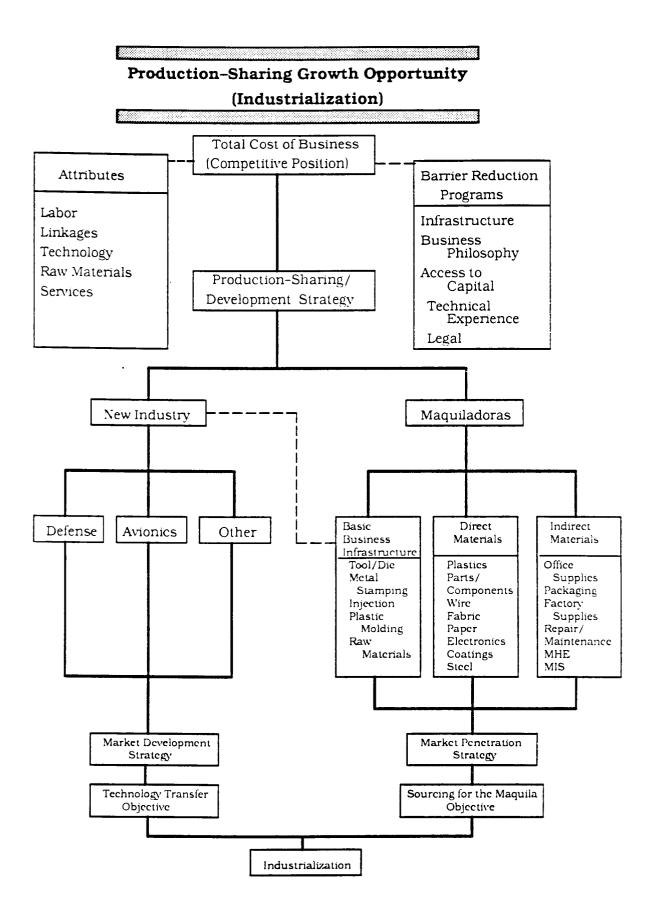
### Exhibit 1

### Texas Trade with Mexico: Targets of Opportunity



# **Texas-Mexico Border**

A Development Plan: Market Penetration Market Development



# Production–Sharing with Mexico

#### Production Sharing as a Percentage of Total U.S. Imports

| Year | Total<br>Imports<br>(Billions) | Total Imports<br>9802.00.0600 & 9802.00.80<br>(Billions) | Percent<br>of Total |
|------|--------------------------------|--|---------------------|
| 1970 | 58.0                           | 2.2  | 3.8                 |
| 1983 | 251.0                          | 21.6   | 8.6                 |
| 1987 | 402.1                          | 68.6   | 17.1                |
| 1988 | 437.1                          | 73.7   | 16.9                |
| 1989 | 468.0                          | 74.2   | 15.9                |
| 1990 | 485.0                          | 76.5   | 15.8                |

Figures (1987–90) include imports of "traditional" production sharing imports due to changes in manufacturing processes and "free rate" imports attributable to exemptions from U.S. Customs user fees. For \$74.2 billion (1989).

Source: compiled from official statistics reported in USITC Publication 2365, March 1991.

### Production Sharing with Mexico HTS 9800.00.00 Statistics

| Year | 9802.00.60<br>9802.00.80<br>Imports<br>(Billions) | Total<br>Mexican<br>HTS 9800<br>Imports | Mexico's<br>Percent<br>of Total<br>Imports | Total<br>HTS 9800 | tent Value <u>%</u><br>Mexico's<br>HTS 9800 |
|------|---|---|--|-------------------|---|
| 1987 | 68.5  | Imports<br>9.2                          | Imports<br>13.4                            | 25.6              | 52.6  |
| 1988 | 73.7  | 10.7                                    | 14.5                                       | 22.9              | 50.0  |
| 1989 | 74.2  | 11.9                                    | 16.0                                       | 26.0              | 51.5  |
| 1990 | 76.5  | 13.0                                    | 17.0                                       | N/A               | 49.3  |

Source: USITC Publication 2365, March 1991

### Texas Maquiladora Markets (June 1991)

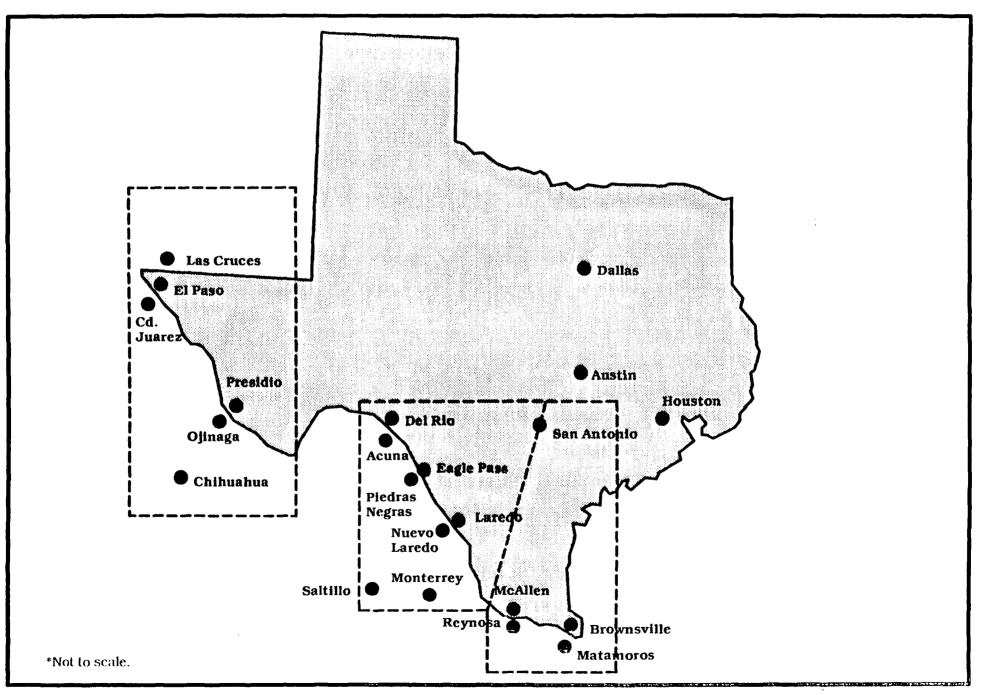
|                   | Plants<br>(%)       | Workers<br>(%)    | Value<br>Added (%) | 1990-91 Percent<br>Increase (Plants) <sup>3</sup> |
|-------------------|---------------------|-------------------|--------------------|---|
|                   |                     |                   |                    |   |
| Lower Rio Grande  | 200 <sup>1</sup>    | 64,783            | 265.1              | (10.7)  |
|                   | (23.6)              | (21.9)            | (25.6)             |   |
| Middle Rio Grande | 295                 | 66,483            | 202.2              | (6.8)   |
|                   | (34.7)              | (22.5)            | (19.6)             |   |
| Upper Rio Grande  | 354                 | 164,835           | 564.3              | (-7.3)  |
|                   | (41.7)              | (55.6)            | (54.7)             | (,  |
| Total: Texas      | 849                 | 2 <b>9</b> 6,101  | 1,031.6            | (2.6)   |
| Other             | 1,031               | 152,989           | 557.0              |   |
| Total: National   | 1,880<br>$(45.2)^2$ | 449,090<br>(65.9) | 1,588.6<br>(64.9)  | (-0.4)  |

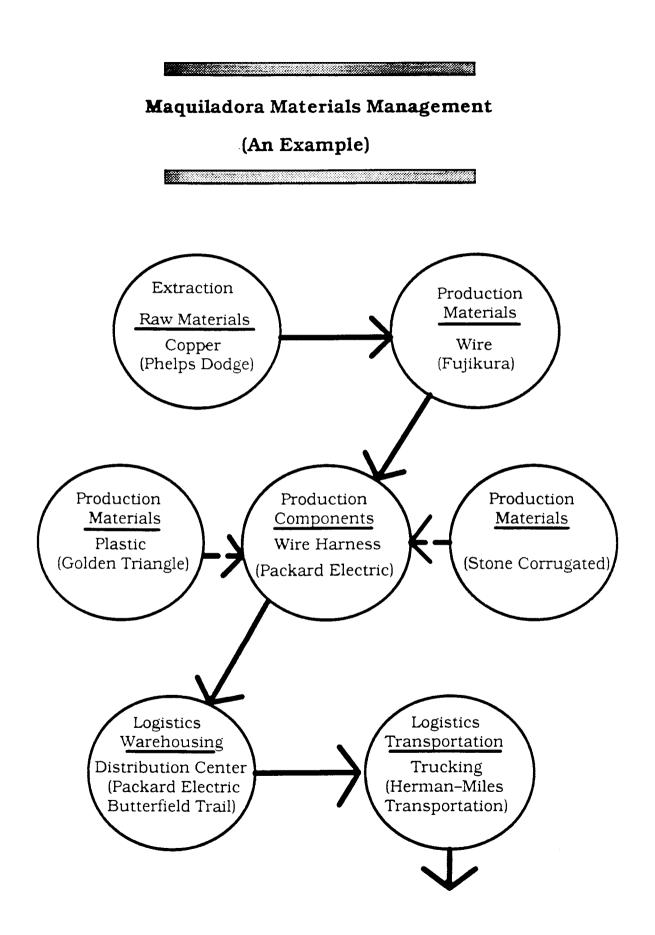
**Definitions:** 

Lower Rio Grande Valley includes Tamaulipas (except Nuevo Laredo) Middle Rio grande includes Nuevo Leon, Coahuila and Nuevo Laredo Upper Rio Grande includes Chihuahua and Torreon

- <sup>1</sup> Number is market's percentage share of total Texas market
- <sup>2</sup> Number is total Texas market percentage share of total national market
- <sup>3</sup> Numbers are the percentage increase (1990-91) for the number plants in each market

### **Texas-Mexico Border: Trade Areas**







### Mexican Supplier "Targets of Opportunity" (Types of Material)

| Catedony                           | 1987<br>Category Dollar Volume Percent |                                | Specific Typ  | es of Products   |
|------------------------------------|--|--------------------------------|---|--|
| of<br>Product                      | of Materials<br>Sourced<br>(Millions)  | Percent Mexican<br>Value Added | Direct  | Indirect   |
| Chemicals                          | 16.9                                   | 33.1                           | Molded Parts<br>Vinyl<br>Lenses   | Glue<br>Solder<br>Epoxy Adhesives<br>Lubricants/<br>Cleaners<br>Resins<br>Solvents<br>Gases              |
| Machined<br>Metals                 | 397.1                                  | 0.5                            | Castings<br>(Aluminum<br>Zinc)<br>Steel<br>Parts (Rings,<br>Bearings,<br>Gaskets) | Tool & Die<br>Metal Stamping<br>Repair Parts<br>Fastners (Nuts,<br>Bolts, Screws<br>Revets,<br>Grommets) |
| Electronics                        | 3.061.8                                | 0.4                            | Resistors<br>Capacitors<br>PC Boards<br>Magnetic Wire<br>Wire                     |  |
| Textile/<br>Apparel                | 391.9                                  | 1.0                            | Fabric<br>Leather<br>Thread<br>Other(Zippers,<br>Snaps)                           | Safety Clothing<br>Gloves  |
| Packaging                          | 306.9                                  | 4.8                            | Paper<br>(Insulated)<br>Paper Hive  | Boxes/Cartons<br>Blister Pack<br>Corrugated<br>Cardboard<br>Tape, Labels<br>Plastic Bags                 |
| Materials<br>Handling<br>Equipment | 2,261.3                                | 0.7                            |   | Forklifts, Hand<br>Trucks, Conveyors,<br>Pallets, Racks,<br>Plastic Trays,<br>Hoists, Batteries          |

### Market Demand: Preliminary Results (Selected Items)

|             |                        |                   | 1                         |                             |
|-------------|------------------------|-------------------|---------------------------|-----------------------------|
| Commodity   | Type of<br>item        | 1990<br>Purchases | Average days<br>Inventory | Local Purchase<br>Authority |
| Electronics | Capacitors             | 240,000           | 15                        | x                           |
|             | Integrated<br>Circuits | 1,010,000         | 15                        |                             |
|             | Switches               | 264,550           | 60                        | x                           |
|             | PC Boards              |                   |                           |                             |
|             | Through<br>Hole        | 10,120,285        | 15                        |                             |
| Metals      | Solder                 | 324,580           | 10                        | x                           |
|             | Brass<br>Stampings     | 580,300           | 20                        | X                           |
|             | Steel<br>Stampings     | 2,000,000         | 8                         |                             |
| Plastics    | Injected<br>Parts      | 3,800,000         | 15                        |                             |
|             | ABS Resin              | 2,500,000         | 20                        |                             |
| Packaging   | Corrugated<br>Boxes    | 830,861           | 18                        | x                           |
|             | Stretch<br>Wrap        | 575,483           | 15                        | X                           |
|             | Poly Bags              | 126,619           | 60                        | x                           |
| Textiles    | Piece<br>Goods         |                   |                           |                             |
|             | Polyester              | 6,743,134         | 10                        |                             |
|             | Thread<br>Nylon        | 837,944           | 10                        |                             |
|             | Zippers                | 200,190           | 10                        |                             |
| Wire        | Insulated<br>Core      |                   |                           |                             |
|             | Link                   | 1,700,100         | 10                        |                             |
| Total       |                        | 72,315,411        |                           |                             |

## **Texas and Free Trade: A Plan for Action**

Action Item #1 Provisions of the North American Free Trade Agreement

Tariffs

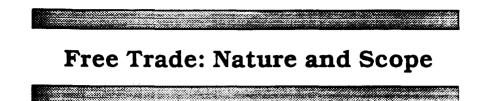
Non-Tariff Barriers to Trade Rules of Origin Intellectual Property Rights Investment Customs

Exempted Industries Petroleum\Energy Transportation Financial Services Agriculture

Action Item #3: Implementation (Communication)

Local Regional State National International Action Item #2: Companion Legislation (Infrastructure) and Rulemaking

Ports of Entry (Staffing) Highways Water\Sewage Housing Environment (Air, Soil, Hazardous Materials) Health



- \* A situation in which factors of production, except for land flow without restriction.
- \* Factors of production may include capital, materials, personnel, technology, entrepreneurship and land.
- \* The provisions of Free Trade may include:

#### Trade

Foreign Investment Tariffs Nontariff Barriers (Health, Food, etc.) Intellectual Property Rights Trade Dispute Settlement Procedures Rules of Origin Government Procurement Exempted Industries (including Agriculture) Other

### Common Market

- Labor Immigration Human Rights Environment/Energy Drugs
- Infrastructure (including water)

### \* Free trade will not substitute for sound development planning. It will promote economic growth: Transshipment Services (reactive); Industrialization (proactive).

#### **Objectives:**

......

A legislative package introduced to Congress and border state Legislatures to prepare our border communities for free trade.

#### Legislation

Border Infrastructure Authority

Financing

Infrastructure

Ports of Entry (Staffing) Water and Sewage Highways Environment Technology Transfer Housing Health Border Free Trade Enclaves

### Southwest Border Summary Chart

### **Federally funded Projects**

(000,000s in U.S. dollars)

|                              |             |           |                  | Texas |            |         |                                  | Ne<br>Me    | w<br>ixico |   |         | Arizona |      | Calif    | ornia     |         |
|------------------------------|-------------|-----------|------------------|-------|------------|---------|----------------------------------|-------------|------------|---|---------|---------|------|----------|-----------|---------|
| Infra-<br>structure<br>Need  | Brownsville | Harlingen | McAllen<br>Pharr |       | Eagle Pass | Del Riö | El Paso <sup>*</sup><br>Presidio | Luna County | Dona Ana   |   | Douglas | Nogales | Yuma | Calexico | San Diego | Total   |
| Airports                     | 12.4        | 12.5      | 20 .0            | 12.0  | 6.0        | 0.8     | 0                                | 0           | 12.8       |   | 0.8     | 8.2     | 1. 0 | 0.9      | 1,500.0   | 1,587.4 |
| Education/Tech<br>Transfer   | 20.6        | 0         | 3.0              | 1.0   | 3.0        | 1.6     | 32.5                             | 1.0         | 15.0       |   | 0       | 62.0    | 1. 0 | 14.0     | 5.0       | 159.7   |
| Environment                  | 41.0        | 0         | 5.0              | 0.5   | 2.5        | 0       | 72.2                             | 0.4         | 8.5        |   | 0.2     | 1.6     | 5.0  | o        | 20.8      | 157.7   |
| Health Care                  | 15.5        | 0         | 0                | 2.0   | 0          | 0       | 46.8                             | 0           | 20.7       |   | 0       | 3.0     | 0    | 4.6      | 15.0      | 107.6   |
| Housing                      | 25.0        | 35.7      | 1.8              | 2.0   | 14.8       | 8.4     | 100.0                            | 3.3         | 77.0       | - | 55.0    | 6.3     | 2.0  | 89.4     | 10.0      | 430.7   |
| Ports of Entry               | 77.3        | 0         | 44.0             | 28.5  | 47.0       | 13.8    | 58.0                             | 0           | 12.0       |   | 10.0    | 32.3    | 11.5 | o        | 439.0     | 773.4   |
| Surface **<br>Transportation | 150.5       | 0         | 300.0            | 30.0  | 20.0       | 11.4    | 59.0                             | 7.0         | 198.5      | - | 0       | 187.0   | 47.0 | 0        | 680.0     | 1,690.4 |
| Water & Sewer                | 32.5        | 71.5      | 20. 0            | 75.0  | 0          | 0       | 381.8                            | 4.7         | 9.4        |   | 5.0     | 12.1    | 10.0 | 14.3     | 114.0     | 750.3   |
| Total                        | 374.8       | 119.7     | 393.8            | 151.0 | 93.3       | 36.0    | 750.3                            | 16.4        | 353.9      |   | 71.0    | 312.5   | 77.5 | 123.2    | 2,783.8   | 5,657.2 |

\* Certain El Paso projects reflect infrastructure needs of the Paso del Norte area, including El Paso, Ciudad Juarez and southern New Mexico.

\*\* Several of these projects have been already funded through the 1991 Surface Transportation Act. The BTA is cross-checking all transportation projects to eliminate duplication.

### The North American Free Trade Agreement (Environmental Dimension)

| Free Trade Agreement: | An agreement to reduce/eliminate tariff |
|-----------------------|---|
| -                     | and nontariff barriers to trade among   |
|                       | the participating countries.            |

#### 1. **Provisions of Free Trade**

- Tariffs
- Investment
- Rules of Origin
- Services
- Exempt Industries

| 2. | <b>Environmental Provision:</b> | To open Mexico's environmental      |
|----|---------------------------------|-------------------------------------|
|    |                                 | markets to investment, technology,  |
|    |                                 | products, services and technicians. |

**Companion Legislation:** 

Free Trade is a vehicle to focus resources on border infrastructure

 highways and roads, ports of entry, water and sewage, environment, health, housing, telecommunications, etc.

# U.S.-Mexico Border Environmental Plan

**Objective:** A comprehensive plan of action to improve the environmental quality of the U.S.-Mexico border, defined as a 100-kilometer strip of land located on each side of the border.

#### **Issues:**

- Water Quality and Treatment
- Air Quality
- Hazardous Materials
- Chemical Emergencies
- Enforcement Policies and procedures

#### **Priorities:**

- Control Industrial and Municipal Discharge into Surface Water
- Monitor Movement of Hazardous Materials
- Monitor Air Pollution
- Contingency Response

#### **Program:**

- Plan, Stage I (1991-94) Stage II (1994)
- Annual Review

# Environmental Issues: Implications for Business

- Business cannot escape environmental responsibilities by investing in Mexico
- Environmental issues and regulations are no reason not to invest in Mexico. Standards are reasonable.
- Enforcement
  - Environmental compliance will be assessed prior to investment
  - Environmental standards and regulations will be enforced
  - Enforcement may be monitored by Mexican and U.S. environmental authorities

Do not invest in Mexico without qualified counsel.

# Foreign Trade Barriers Mexico

#### **Import** Policies

- Tariffs
- Import Licenses
- Trade Law Administration

### Standards, Testing, Labeling and Certification

#### **Government Procurement**

### **Intellectual Property Protection**

- Patents
- Copyrights

### Services

- Trucking
- Banking
- Insurance
- Telecommunications

#### Investment

#### Sectoral Rules

| Automotive  | Energy | Mining          |
|-------------|--------|-----------------|
| Electronics | Land   | Pharmaceuticals |

Source: USTR, 1991