

Cardener River Corridor

Guiding Principles

- **Diversity of Economic Development**
- **Scale of Growth**
 - **Incentives for Infill and Re-use**
 - **Appropriate to existing infrastructure**
- **Unification and Collaboration of Regional Development Area**
- **Ecological Corridor Supports and Guides Interventions**



Opportunities

- **Beautiful River and Natural Landscape**
- **Cultural and Industrial Heritage - Visible on the Landscape, Historical Buildings**
- **Year Round Tourism and Recreational Facilities - Amenities of Pyrenees and Montserrat**
- **Good Highway and Regional Access to Barcelona**
- **Multiple options of Lifestyle - From farm house in Callus to metropolitan life of Central Manresa**



Challenges

- **Ecological Integrity by old and new polluting industries**
- **Industrial Withdrawal and single economy settlements**
- **New development at inappropriate scales**
- **Financial Resources**
- **Municipal coordination**
- **Topography**
- **Road networks, train and public transport development**



Linkage and Networks



- **Natural Landscape and Infrastructure Systems**
 - **Natural Amenities**
 - **Circulation Networks**

- **Cultural and Ecological Networks**
 - **Regional Heritage**
 - **Land Use**
 - **Re-Use and Rehabilitation**
 - **'Wayfinding'**
 - **Attractions**

- **Institutional Network - Regional Council**
 - **Environmental Management**
 - **Education**
 - **Economic Development**
 - **Transportation**

Natural Landscape and Infrastructure

Natural Amenities

- **Scenery**
- **River**
- **Plant Ecology & Wildlife**
- **Proposed Ecological Center**
 - **Inclusive of entire river corridor**
 - **Coexistence of working industry and natural environment**
 - **Expanded to Mountains including the potash mountain and other artificial landscapes**



Natural Landscape and Infrastructure **Circulation Networks**

- **Regional Highway**
- **Secondary Road**
- **Potential for Train Expansion**
- **Proposed 'Riverwalk', Bike Path, and Horse Trails**
 - **Regional Recreation**
 - **Local Leisure**
 - **Education**



Natural Landscape and Infrastructure Circulation Networks



Roads

- Good connections in all directions from Manresa



Railroads

- No connections north of Suria
- Limited east-west lines

Cultural and Ecological Networks

Regional Heritage

- **Salt & Mining**
- **Agriculture**
- **Textiles**
- **Industry**



Cultural and Ecological Networks

Land Use Relationships

- **Growth Strategies**
 - **New Development concentrate in existing urbanized areas**
 - Infill
 - Re-use
- **Scale of Development Patterns**
 - **Appropriate to existing context and infrastructure**
 - **Aware of view lines and scenic experience**
- **Use**
 - **Complement topography and adjacent uses**
 - **Maintain and enhance access to natural areas**



Cultural and Ecological Networks

Re-Use & Rehabilitation of Historic Buildings

- **Small Industries**
 - **Bicycle, furniture, specialized goods**
- **Educational Satellite Centers**
- **Recreational & Community Facilities**
- **Interpretive Centers & Museums**
- **Tourism - Bed & Breakfasts, information centers, small shops, restaurants, etc.**



Cultural and Ecological Networks

Wayfinding and Regional Identity

- Gateways
- Signage
- Guidelines for Nodes and Water Edge



Cultural and Ecological Networks

Attractions for Area

- **Festivals**
- **Weekly Events**
 - Earthworks developed by Artists
 - Revolving farmer's market
 - River walks
 - Low-impact bike tours of Cardener Corridor
- **Recreation and Sporting**
 - Bicycle
 - Auto
 - Running
 - Kayak
 - Hang Gliding
 - Rock Climbing



Institutional Network - Regional Council

Environmental Management

- **River Clean-up**
- **Treatment, Maintenance and Monitoring**
- **Industrial Development Guidelines**
- **Drainage and Resources**
- **Financial Mechanism**
 - **Cooperatives with private and public industries**
 - **Create incentives for industries to invest in ecological integrity**
 - **Small fees for specific uses and recreational facilities**



Institutional Networks - Regional Council Education

- **Expansion of Existing Universitaria Politecnica in Manresa**
 - **Research provides dependent jobs**
 - **New facility of agriculture with Satellite Research Stations Along River Corridor**
 - **Encourages public and private partnership investment with new support industries**
- **Education Facilities Serve as Community Space for Local Activities**
- **Link Education Facilities to Interperative Centers along River Corridor**
 - **This can engage local and region school children and cultural tourists**



Institutional Network - Regional Council **Transportation & Access**

- **Coherent Public Transportation Systems**
- **Visitor & Regional Transportation**
- **Tourism Outreach**
 - **Barcelona and Pyrenees**
 - **Municipal Support for Information Sharing**



Conclusion

Regional Cohesion

- **Culture**
- **Economy**
- **Lifestyle**

