

## green corridors and transportation networks

Our study examined the municipality of Padova and connections to several neighboring communities, including Ponte San Nicolò, Polverara, and Legnaro. We began by identifying existing and proposed green spaces and transportation systems.

## green spaces and links

Green (landscape) spaces include existing parks, recreational areas, farms and forests. Many of these areas include connected bicycle and pedestrian paths along canals and waterways. These paths are valuable spaces for scenery, access, and active and passive recreation. Green corridors of this type should be preserved and enhanced as much as possible.

The maps to the right were provided by analysts from the Comune di Padova. They identify existing bicycle paths, playgrounds, and parks within the community of Padova. In addition, the diagrams suggest possible future green links, such as the "Green U" within the city, and regional connections north to the Brenta River and south along the Roncagette Canal.

## demographics

The data from the 2004 Comune di Padova report and ISTAT (Via C. Balbo, 16 00184 Rome) suggest that the resident population of Padova is gradually decreasing, while the populations of neighboring suburban and rural communities are increasing. Meanwhile the population of single adults in Padova is also increasing. Accordingly, affordable housing for younger persons and families—especially those employed in local industries and services—has been identified as a need within the Padova region.

## transportation systems

Regional transportation is a key issue in terms of current and long-term planning. It is important to develop a system that enables efficient and convenient access between central Padova and surrounding communities. Multiple modes of transportation have been considered. The diagrams below illustrate existing highway and road systems, existing and proposed commuter train and freight rail systems, and proposed tram and bus lines.

By examining these maps and diagrams, it is clear that there is a great opportunity to develop a network of green spaces and transportation systems that will enhance the social, economic, and environmental conditions of the area of Roncagette Park, ZIP, and the Comune di Padova and its region.



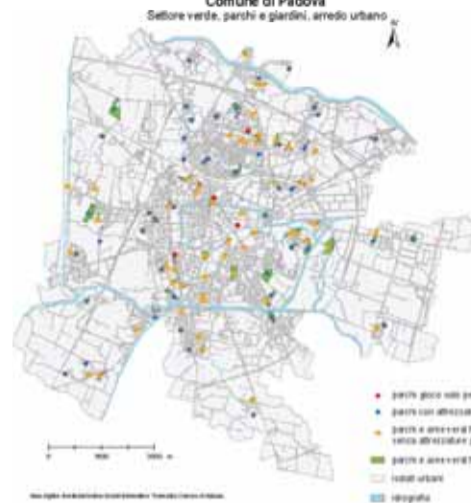
background information



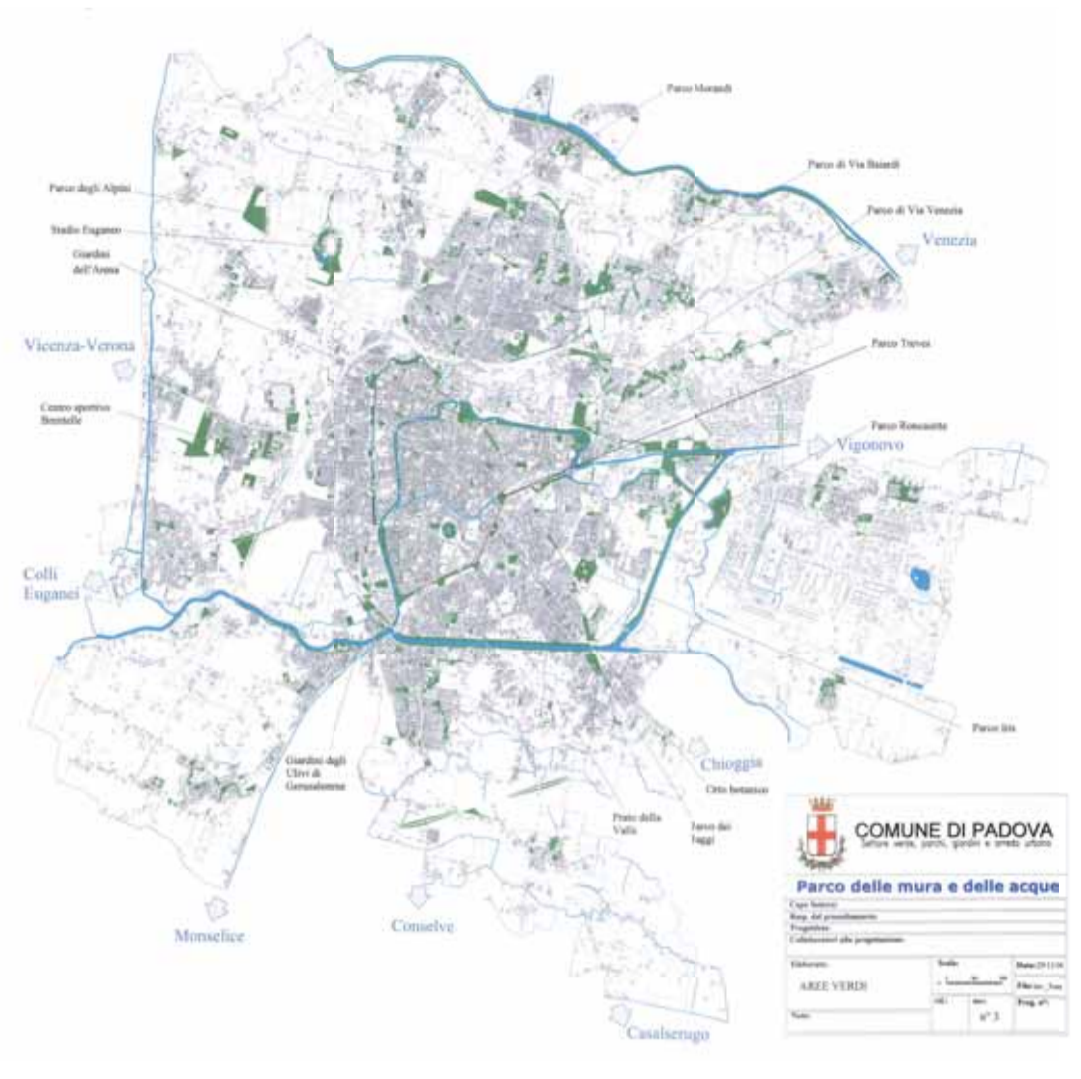
existing paths



diagram of regional agriculture



existing playgrounds & parks



Padova parks: opportunities to connect green spaces along canals and waterways



Padova & surrounding communities



"green U" concept: linking local parks

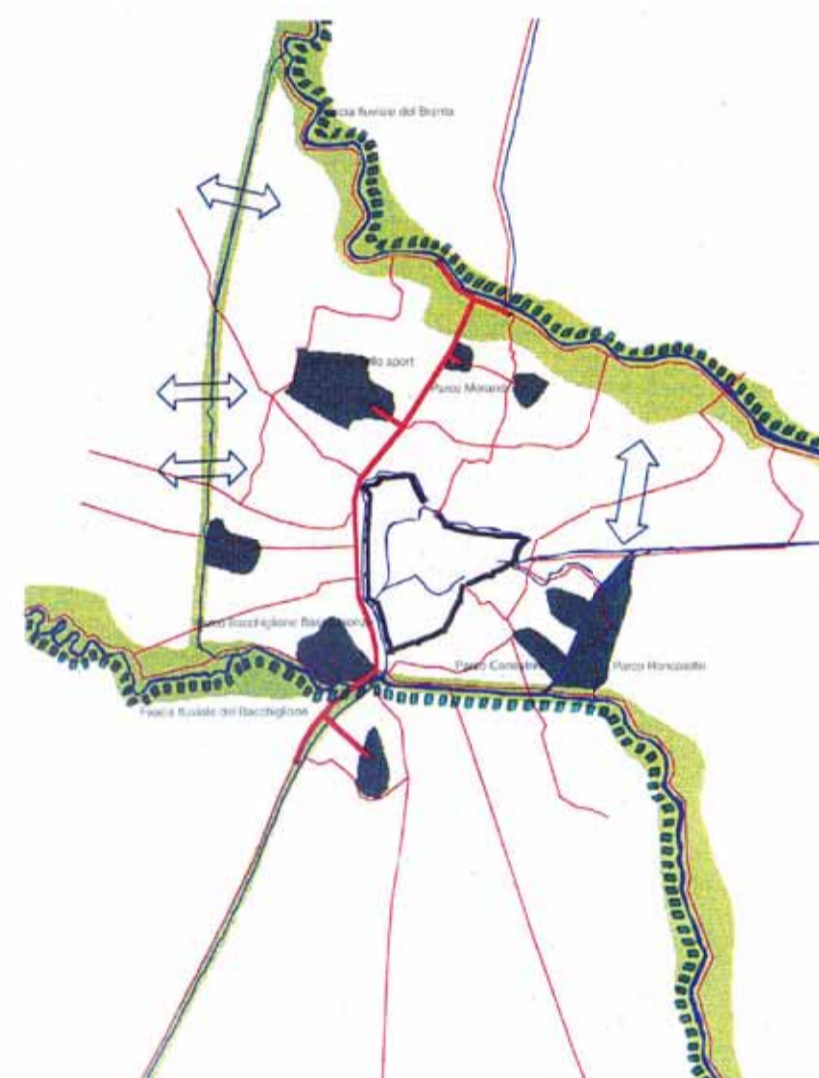
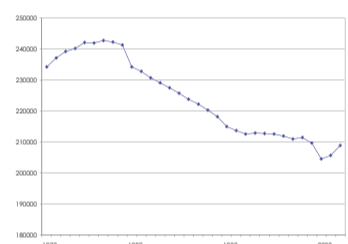


diagram of potential connections to Brenta, airport, and Roncagette canal



population Padova 1972-2003

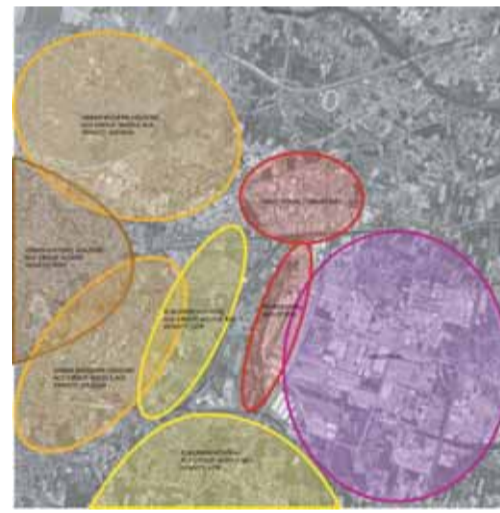
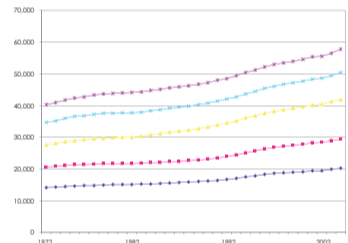
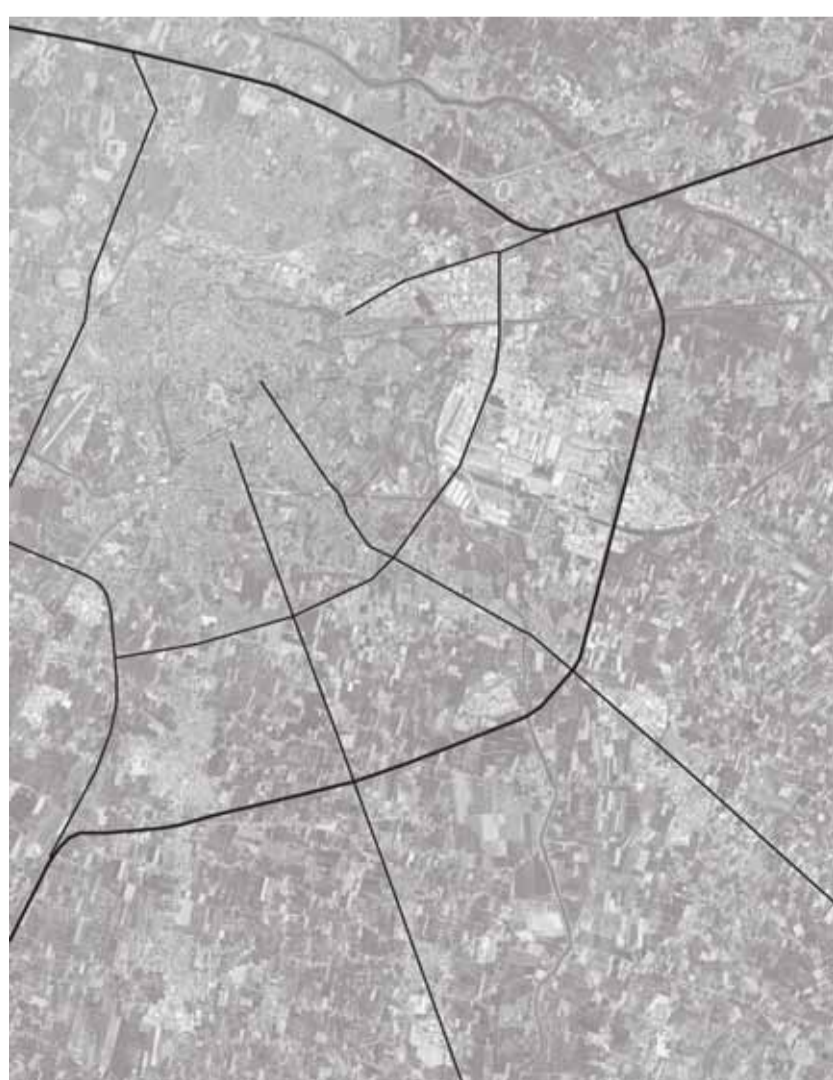


diagram of existing Padova housing near Roncagette park

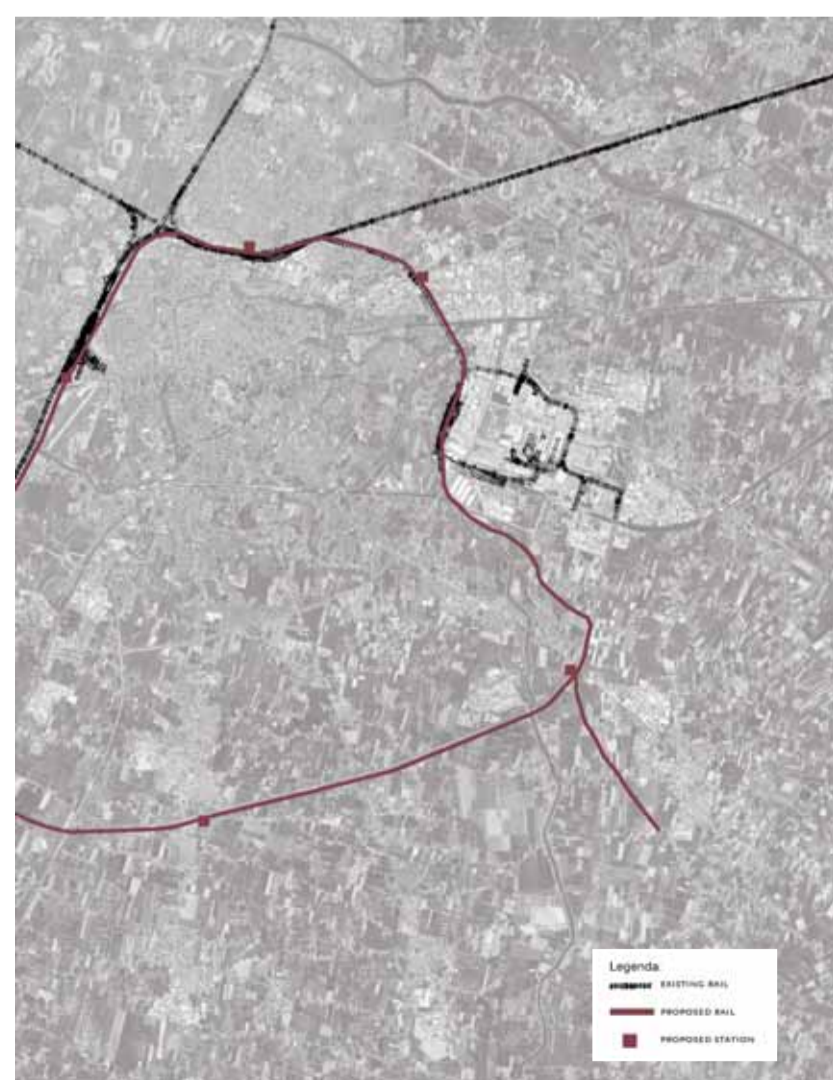


populations of other towns 1972-2003

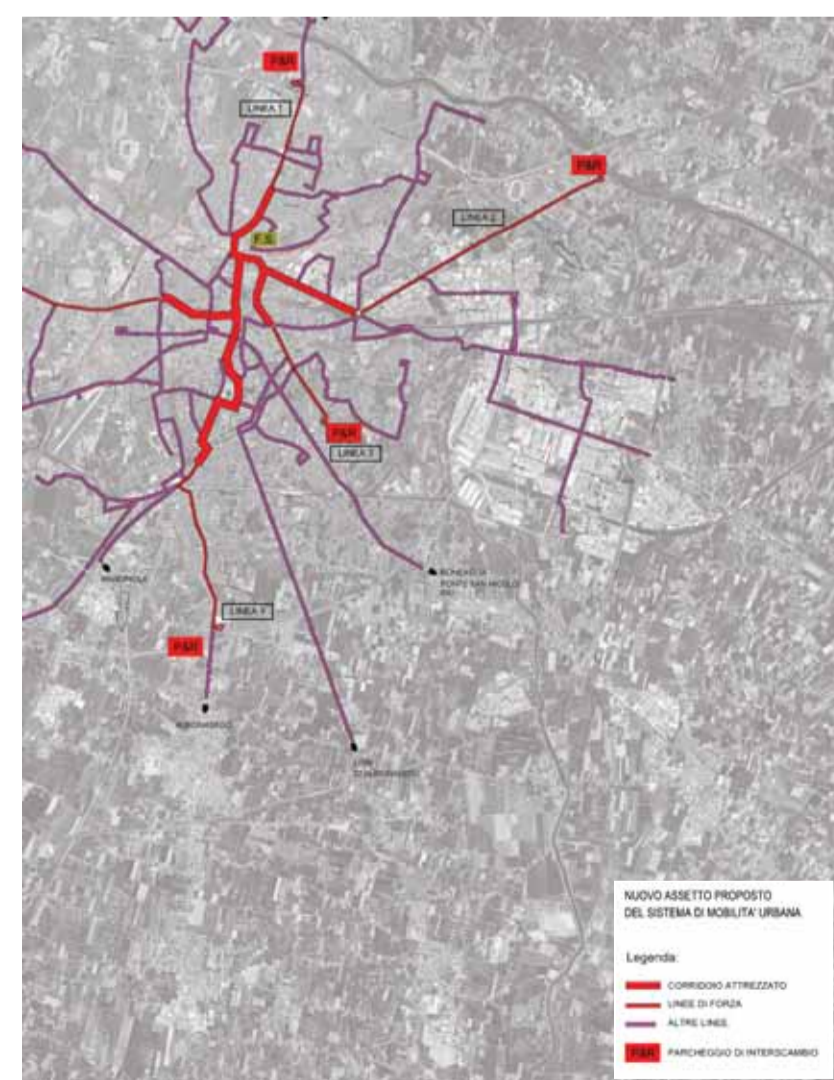
background information



existing roads & highways



existing & proposed rail lines



proposed tram & bus system