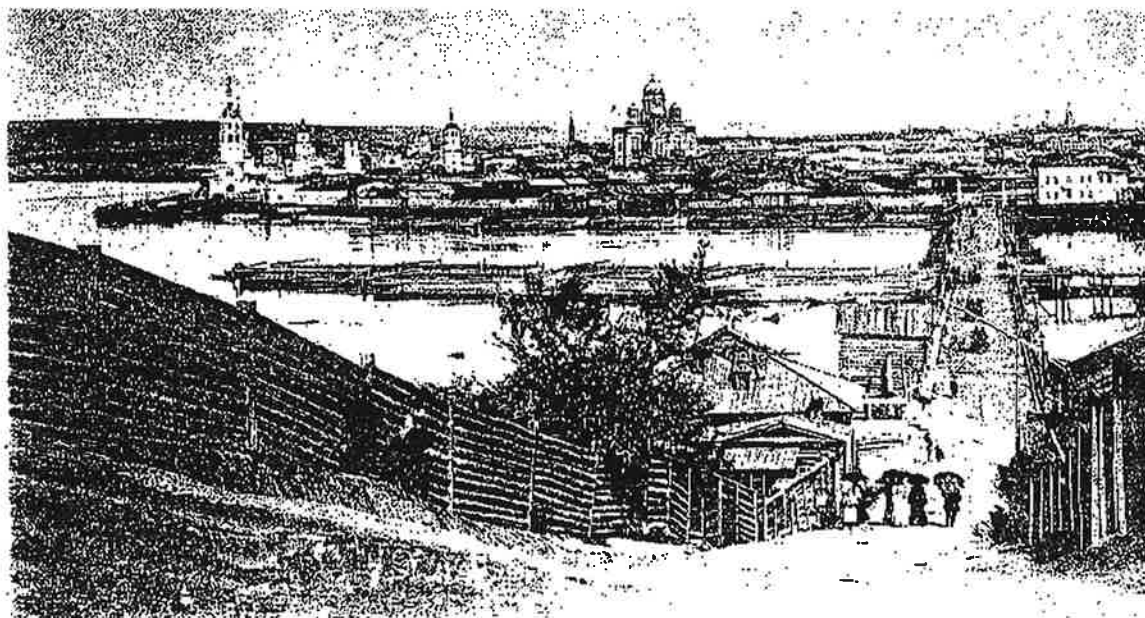


Baikal Winter University



Rehabilitation of the historic center of Irkutsk

Baikal Winter University "Rehabilitation of the historic center of Irkutsk".

IRKUTSK CONURBATION

- Permanent population 600 000.
- Total territory 30 700 hectares.

Irkutsk was founded in 1661 and became the capital of East Siberia since of the 17th century.

Currently Irkutsk is administrative and economic centre of the Irkutsk region (767 900 km²), which is a settlement of energy, aluminum, petrochemical and chemical industries. The advantages of central position for transport and the expansion of trade infrastructure consolidated Irkutsk's position in supraregional and regional trading. The city has several universities and scientific institutes of the Russian Academy of Science.

Conurbation. Land use

Type of use	Total, hectares
Total area of residential, industrial and other estates	10 900
Residential arias	6 600
Industrial sites	2 800
Recreations, open spaces	8 000

Conurbation. Land use

Total area of residential, industrial and other estates	35.6%
Residential arias	21.5%
Industrial sites	9.1%
Recreations, open spaces, forests	26.4%
Agricultural lends	23.9%

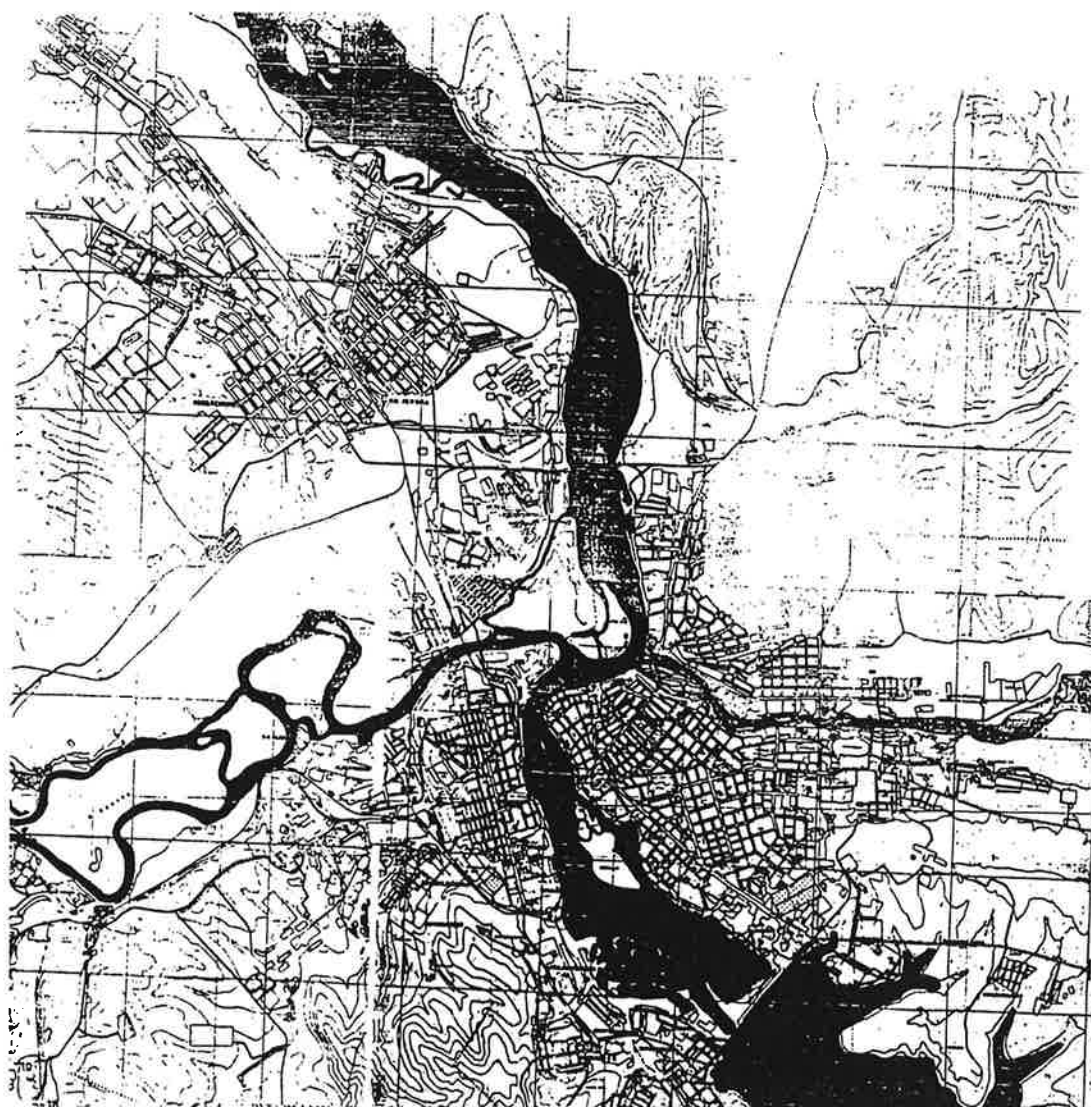
Conurbation. Area per inhabitant / Density

- Total land area per inhabitant 509.4 m²/ 19.6 inhabitants per hectare
- Residential area per inhabitant 110.8 m²/ 90.2 inhabitants per hectare

Conurbation. Density in modern residential estates, floor area m²per hectare

proposed in General Plan	2800
currently	2240

Irkutsk's conurbation



THE CENTRAL HISTORIC DISTRICT (CHD) OF IRKUTSK

In the 19th century, Irkutsk merchants built hospitals, orphanages, colleges, libraries and churches. Old buildings of Irkutsk's centre are a unique cultural, historical and architectural heritage. Because of its historical value, wide range of cultural amenities and lot of outstanding historical architectural landmarks, which valued as heritage of federal rank, Irkutsk have received a status of historical city in 1970.

Today the inner city of Irkutsk is in the state of simultaneous crisis and fast development. The tertiary sector has become the most important mainstay of center district's economy. The changes in economy have altered the life of the center but its spatial structure is stable and stiff. Traditionally the shops and services are concentrated in the area limited by Karl Marx, Tchekhov, Timirjazev and Litvinov streets (inner city's core). In recent years many shops and services have been emerged in this area. Concentration and mix of services in this area provide an attraction for urban and suburban inhabitants. Firms and companies are prefer to allocate new shops and services within this area. It evokes a further growth of traffic volumes and pedestrian activities .

The studies have shown, that the city's center is overloaded. The street network provides the service level D — E, during the traffic peak period. About 40 percent of signalized intersections reached their nominal capacity. The annual growth of private cars (6-9 percent) permit to predict a fast increase of traffic volumes, parking demand, traffic jams and emission. So, a private car wich is beginnning to dominate in the Irkutsk's cityscape, has become the greatest challenge for urban and environment planners and city's authorities.

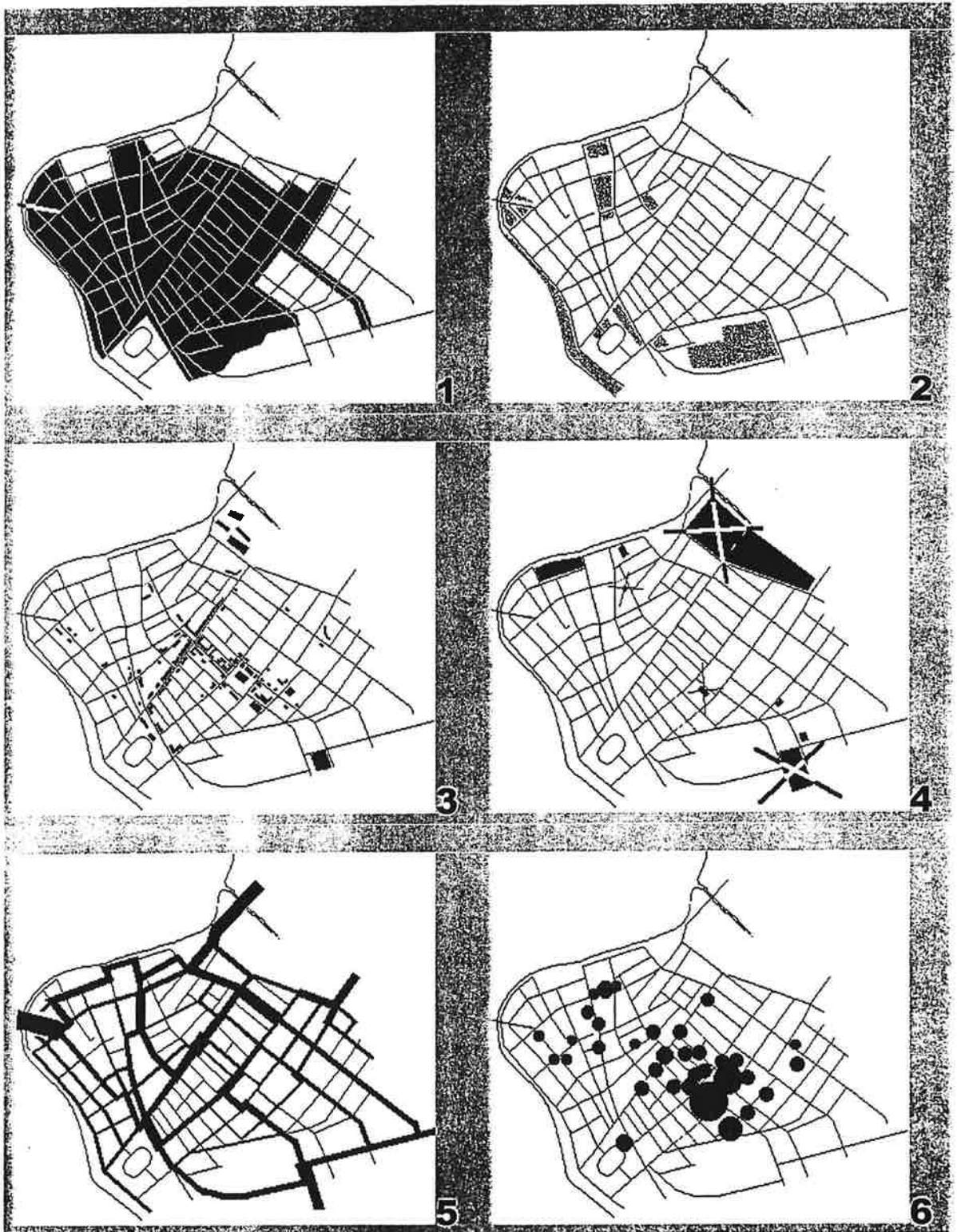
Another problem concerns the degradation of whole blocks of old traditional wooden houses. Irkutsk have received the status of historical city. The blocks of XIXth century wooden houses forming a context of historical architectural landmarks and a character of the Irkutsk's center. They have been neglected for a long time. So this blocks have no water supply, modern heating, sewerage and stormwater drainage, litter control and other facilities.

A vital question in this respect is a clash of heritage and development. The Central Historic District (CHD) of Irkusk is determined as special zone of zoning code, which was ordered by the City Council in 1998. The zoning code has affirmed general land use categories for CHD : residential subzones, commercial subzones, recreation subzones. The further development of CHD envisions the restoration of old traditional houses as well as preservation of historical cityscape and grid of streets.

Right bank of Angara and historic center of Irkutsk



The Central Historic District (CHD) of Irkutsk



CHD of Irkutsk :

1 – territory under preservation order, **2** – parks, green areas, **3** – tertiary sector (shops, markets, "goods markets", **4** – deindustrialization since 1990, **5** – traffic peak volumes distribution, **6** – parking demands distribution

THE THEME OF THE SESSION

The conceptional view on

- The revitalization of quarters of old traditional wooden houses, which forming a context of historical architectural landmarks and a character of the Irkutsk's center
- The integration of new bridge into historical urban fabric
- The traffic calming and the decreasing of transit the Irkutsk's center
- The renovation of transport infrastructure of the town center using the traditional elements of the city – streets, squares, boulevards primly within an existing grid of streets

THE OBJECTIEVS

The Baikal Winter University is proposed as a forum for the exchange of ideas (urbanism, architecture, civil engineering end etc) between students and young specialists. The competition will generate the new proposals for the rehabilitation of the historic center of Irkutsk. Also it will promote the new education level of the Siberian students as well as provoke the interest of the city's authorities and local community on the urbanism.

THE RUSSIAN PARTNERS

- The Irkutsk's government
- The Irkutsk's State Technical University (ISTU)
- The Irkutsk's State University (ISU)
- International Fund "Baikal's House of Urope"
- The Irkutsk's Center of Heritage Preservation
- The Irkutsk's division of The Russian Union of Architects

THE TIME OF SESSION

10—24 February 2000

THE SESSION

- Visits to the site, seminar-conference, presentation of the selected students, postgraduate students, young professionals
- Composition of the teams
- Teams work
- Meeting of expert's committee and international jury
- Conclusion meeting

March/April 2000 : publication of the results

During the hole course of the session : permanent supervision of experts and professors

The working languages will be the Russian, the French, and the English

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THE CONDITIONS

Students and young professionals in architecture, town planning, landscape architecture, economy, traffic and transport will be welcome in the session.

They have to pay their transport tickets to Irkutsk by themselves. All other outcomes will be arranged by the local team. The students will be hosted by the Irkutsk Universities.

The students who want to participate to the session have to send to the INTERNATIONAL FOUND BAIKAL'S HOUSE OF EUROPE a written report on the subject of the workshops. They have to make a documentary research on a similar example existing in their region, their country, or a neighbouring country. This report is made of a written report and plans, sketches illustrating the written note.

It has to be sent for the 1st of January 2000. These documents will be the basis on which the pedagogical responsables will select the best preliminary works for an actual participation in the session.

The selected students and young professionals will then receive by fax a confirmation of their registration before the 20 of January 2000.