

MINISTRY OF TRANSPORT AND COMMUNICATIONS

**BASIC DESIGN STUDY REPORT
ON
THE PROJECT FOR IMPROVEMENT
OF
WATER SUPPLY IN INHABITED PLACES
IN
SKOPJE OUTSKIRTS
IN
THE FORMER YUGOSLAV REPUBLIC OF MACEDONIA**

August 2003

**JAPAN INTERNATIONAL COOPERATION AGENCY
PACIFIC CONSULTANTS INTERNATIONAL**

PREFACE

In response to a request from the Government of the Former Yugoslav Republic of Macedonia, the Government of Japan decided to conduct a basic design study on the Project for Improvement of Water Supply in Inhabited Places in Skopje Outskirts and entrusted the study to the Japan International Cooperation Agency (JICA).

JICA sent to Macedonia a study team from March 20 to April 3, 2003 in the first field survey and May 8 to June 12, 2003 in the second field survey.

The team held discussions with the official concerned of the Government of Macedonia, and conducted a field study at the study area. After the team returned to Japan, further studies were made. Then, a mission was sent to Macedonia in order to discuss a draft basic design, and as this result, the present report was finalized.

I hope that this report will contribute to the promotion of the project and to the enhancement of friendly relations between our two countries.

I wish to express my sincere appreciation to the officials concerned of the Government of Macedonia for their close cooperation extended to the teams.

August 2003



Takao Kawakami

President

Japan International Cooperation Agency

August, 2003

Letter of Transmittal

We are pleased to submit to you the basic design study report on the Project for Improvement of Water Supply in Inhabited Places in Skopje Outskirts in the Former Yugoslav Republic of Macedonia.

This study was conducted by Pacific Consultants International, under a contract to JICA, during the period from March, 2003 to August, 2003. In conducting the study, we have examined the feasibility and rationale of the project with due consideration to the present situation of Macedonia and formulated the most appropriate basic design for the project under Japan's grant aid scheme.

Finally, we hope that this report will contribute to further promotion of the project.

Very truly yours,

岡賀敏文
Okaga Toshifumi

Project Manager,

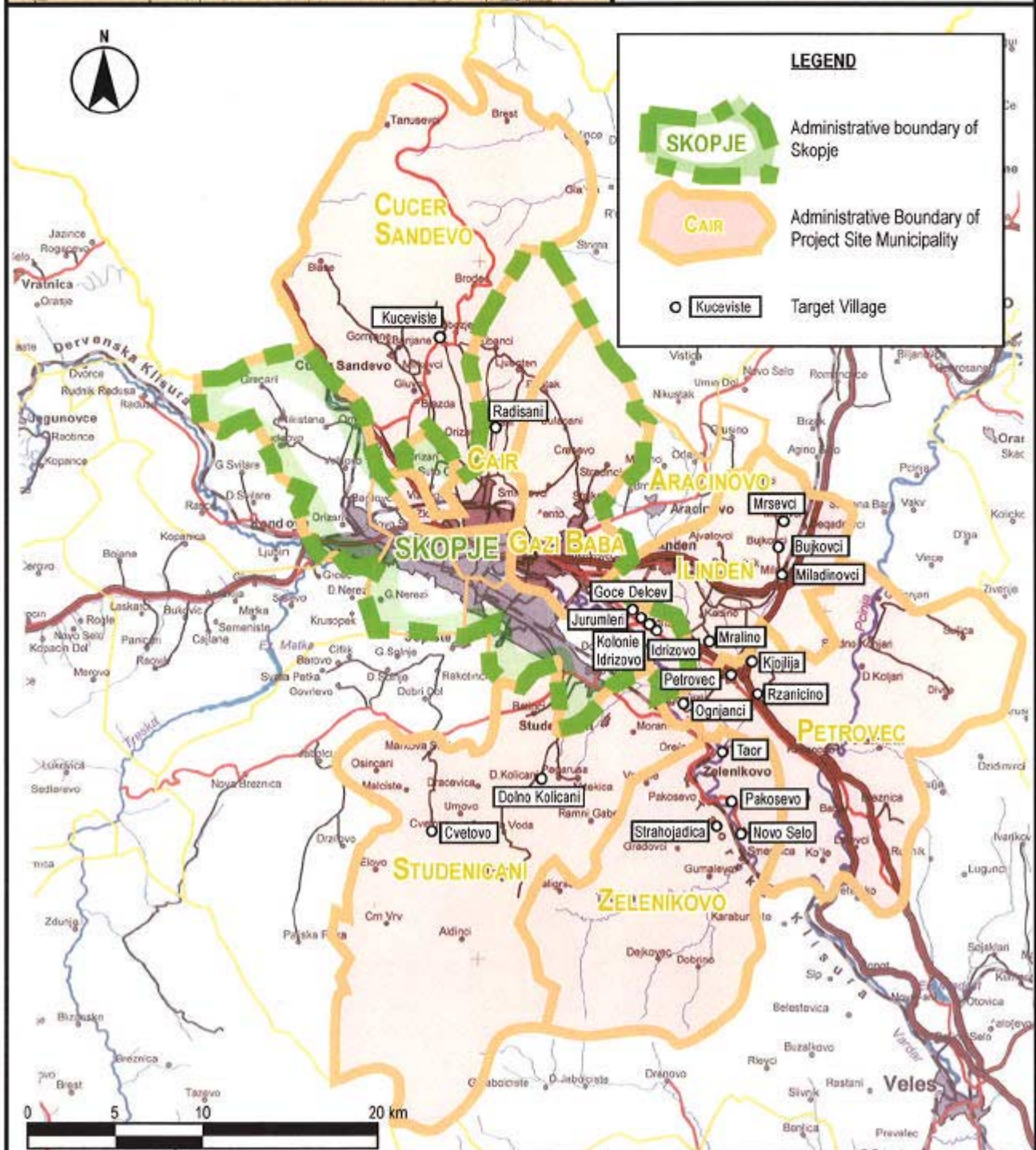
Basic design study team on

The Project for Improvement of Water Supply
in Skopje Outskirts

Pacific Consultants International



Name: Former Yugoslav Republic of Macedonia
 Area: 25,333km²
 Population: 2,038,059 (Census 2002)
 Capital: Skopje City (Approx. 470,000 people)
 Constitution: Republican
 Chief of state: President Boris Trajkovski
 Independence: September 1991
 Industries: Steel, Textiles, Cigarette, Agriculture, Mining, etc.
 GNI per capita: US\$1,620.- (World Bank, 2002)
 Ethnic groups: Macedonian (66.6%), Albanian(22.7%), Turkish (4%), Roman (2.2%), Serbian (2.1%), Others (2.4%)



Location Map



Location Map of the Project Site