

NO.

Ministry of Health
The Former Yugoslav
Republic of Macedonia

BASIC DESIGN STUDY REPORT
ON
THE PROJECT
FOR
IMPROVEMENT OF MEDICAL EQUIPMENT
FOR PRIMARY HEALTH CARE SERVICES
IN
THE FORMER YUGOSLAV
REPUBLIC OF MACEDONIA

FEBRUARY 2001

JAPAN INTERNATIONAL COOPERATION AGENCY
CRC OVERSEAS COOPERATION Inc.

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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 Medical Equipment for Primary Health Care Services and entrusted the study to the Japan International Cooperation Agency (JICA).

JICA sent to Macedonia a study team from May 8 to May 27, 2000 and from June 25 to July 13, 2000.

The team held discussions with the officials 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 from September 11 to September 30, 2000 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 the Former Yugoslav Republic of Macedonia for their close cooperation extended to the teams.

February, 2001



Kunihiko Saito
President
Japan International Cooperation Agency

February, 2001

Letter of Transmittal

We are pleased to submit to you the basic design study report on the Project for Improvement of Medical Equipment for Primary Health Care Services in the Former Yugoslav Republic of Macedonia.

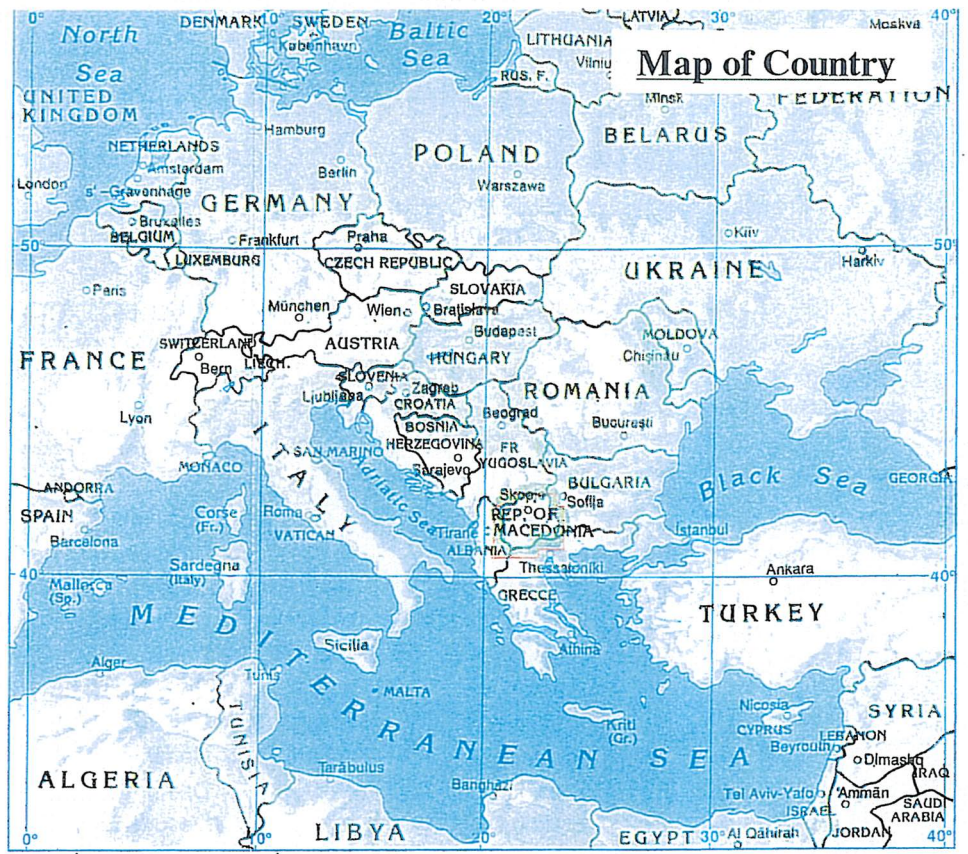
This study was conducted by CRC Overseas Cooperation Inc., under a contract to JICA, during the period from April 28, 2000 to February 8, 2001. In conducting the study, we have examined the feasibility and rationale of the project with due consideration to the present situation of Macedonia and formulated 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.

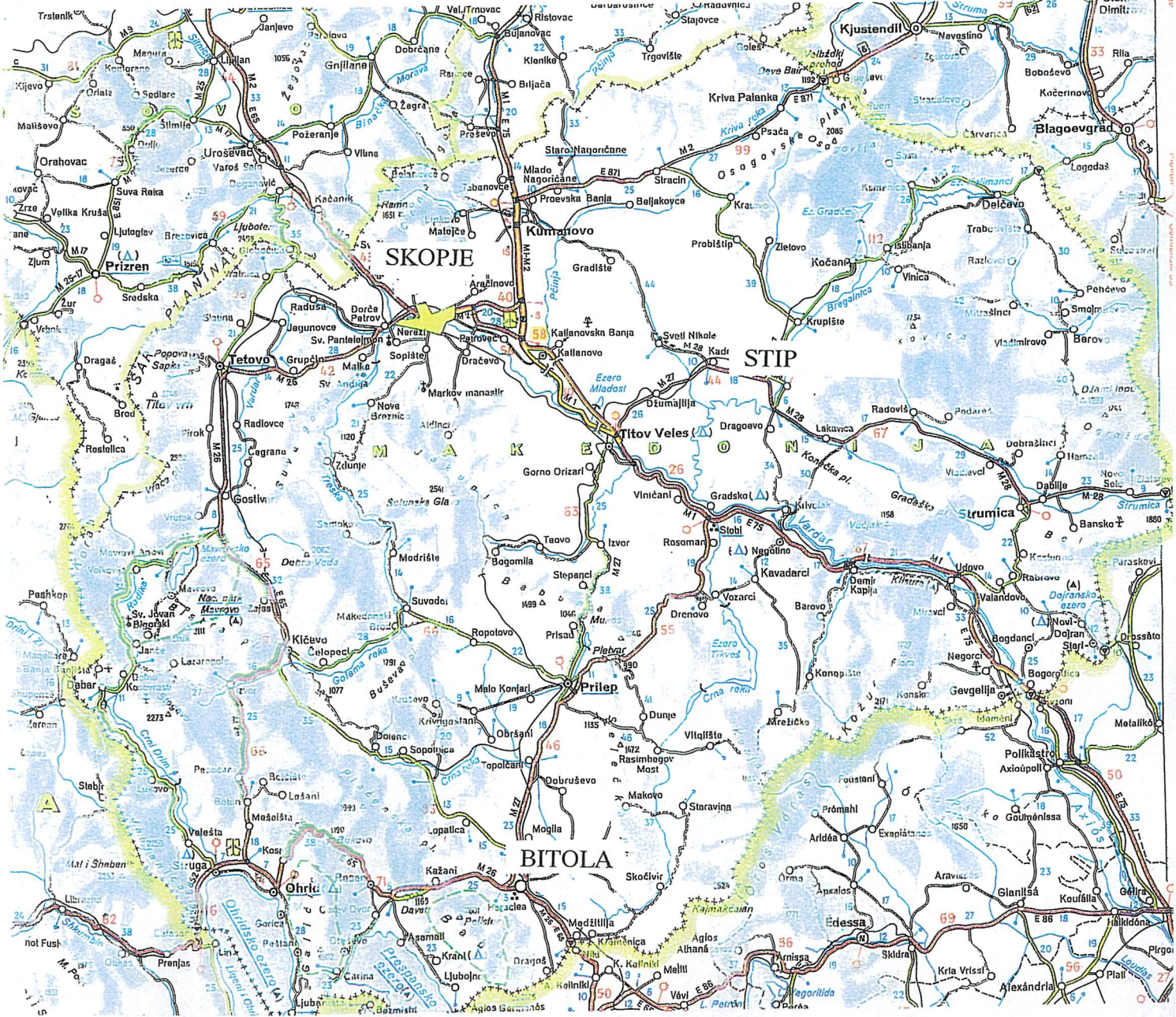
Very truly yours,

飯村 圭二

Keiji IIMURA
Project manager,
Basic design study team on
the Project for Improvement of Medical Equipment
for Primary Health Care Services
CRC Overseas Cooperation Inc.



Map of Macedonia





**Kriva Palanka
Health Center**



**Kocani
Health Center**



**Strumica
Health Center**



X-ray Apparatus fixed with the Spare Parts from Other Manufacture



Obsolete Fluoroscopy



Sink for X-ray film development



**Emergency Department
Room for Stand-by**



**Ambulance Vehicle
(backward)
Vehicle for Visiting Care
(forward)**



**Inside of
Ambulance Vehicle**



**Obsolete Spirometer
(beyond repair)**



**Examination Table
without slippers**



Obsolete Dental Unit



**Tabletop Hot-air
Sterilizer Rusted Inside**



**Incomplete Instrument
Set for Minor Surgery**



Inside of Laboratory

Abbreviations

DM	Deutsch Marks
E/N	Exchange of Notes
EURO	EURO (currency unit)
GDP	Gross Domestic Product
HC	Health Center
HS	Health Station
IC/R	Inception Report
IDA	International Development Association
IMF	International Monetary Fund
IPU	International Project Unit
JICA	Japan International Cooperation Agency
MC	Medical Center
M/D	Minutes of Discussion
MKD	Macedonia Denar (currency unit)
MOH	Ministry of Health
NATO	North Atlantic Treaty Organization
OECD	Organization for Economic Co-operation and Development
PHARE	Poland Hungary Aid for Restructuring of Economy
PHC	Primary Health Care
UNICEF	United Nations Children's Fund
USAID	U.S. Agency for International Development
US\$	U.S. Dollar
WHO	World Health Organization

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