BAMIYAN STRATEGIC MASTER PLAN

Mastreplakan استراتژیک بامیان
LAGES – LABORATORIO DI GEOGRAFIA SOCIALE, UNIVERSITÀ DEGLI STUDI DI FIRENZE

BAMIYAN STRATEGIC MASTER PLAN

ماسترپلان استراتيجي باميان
Laboratory for Social Geography

Studio Azzurro Produzioni

MUDH Ministry of Urban Development and Housing

Bamiyan Governorate

Bamiyan Municipality

Bamiyan University

The Florence University team:
Mirella Loda – Social geography / Project coordinator
Gaetano Di Benedetto – Urban planning
Giulio Giovannoni – Urban planning
Manfred Hinz – Intercultural studies
Matteo Girolamo Puttilli – Urban geography
Mario Tartaglia – Transport planning

With the contribution of:
Masanori Nagaoka – Chief of Culture Unit
UNESCO Office in Afghanistan

With the technical expertise of:
Stefano Bartolini – Geographic Information Systems

And with the contribution of Bamiyan University:
Sharif Babak, Taqi Daqiq, Eshaq Farahmand, Ruhallah Frogh, Hasan Malistani, Qasim Shafee

Photointerpretation and cartographic rendering by Stefan Vasile Sultan

Participants in the Master in Urban Analysis and Management (2017-18) at Florence University:
Abdur Rahim Ahmad, Dawood Eskani, Sayed Hamid Hamedi, Fakhrullah Ibrahim, Khaled Karokhi, Fatima Mohammad, Ibaduddin Nijat, Ahmad Jawid Sajad, Saidah Shakibani, Mohammad Zahir Shewa, Ahmad Khaled Yousofzai, Habib Hoshang Zahidi

The project has been financed by the Italian Agency for Development Cooperation and by the University of Florence

Translation and English language editing by Karen Whittle

Design and layout: Edizioni Polistampa - Firenze
Contents

p. 10 ABBREVIATIONS AND ACRONYMS

INTRODUCTION

11 I.1 DEVELOPING THE BAMIYAN STRATEGIC MASTER PLAN

17 I.2 BUILDING THE KNOWLEDGE BASE

ANALYSIS

21 II.1 REGULATORY FRAMEWORK AND ACTORS
21 II.1.1 THE RIGHT TO PLANNING, ACTORS AND TOOLS
22 II.1.2 THE RIGHT TO EXPROPRIATION, WITH RELATED LEGISLATION
23 II.1.3 THE RIGHT TO BUILD
23 II.1.4 THE RIGHT TO THE ENVIRONMENT
24 II.1.5 COMPETENCE FRAMEWORK OF GOVERNMENT AND SUB-GOVERNMENT BODIES
25 II.1.6 ADMINISTRATIVE TERRITORIAL CIRCUMSCRIPTION
25 II.1.7 INFORMAL SETTLEMENTS

27 II.2 PHYSICAL ENVIRONMENT
27 II.2.1 THE ENVIRONMENTAL CHARACTERISTICS
29 II.2.2 ENVIRONMENTAL RISK

31 II.3 BRIEF HISTORICAL OUTLINE

39 II.4 CULTURAL HERITAGE
39 II.4.1 UNESCO’S SAFEGUARDING INTERVENTION IN BAMIYAN
50 II.4.2 THE CULTURAL LANDSCAPE
55 II.4.3 INTANGIBLE HERITAGE

61 II.5 LAND USE
61 II.5.1 DIGITAL MAP
61 II.5.2 TERRITORIAL FEATURES
66 II.5.3 STRUCTURAL CHARACTERISTICS
67 II.5.4 THE RELATIONSHIP WITH PREVIOUS PLANS
68 II.5.5 PARTS OF THE SETTLEMENT SYSTEM

71 II.6 DEMOGRAPHIC AND SOCIAL PATTERNS
72 II.6.1 POPULATION CONSISTENCY AND AGE STRUCTURE
72 II.6.2 POPULATION DENSITY AND DISTRIBUTION
III.2 URBAN DEVELOPMENT LAYOUT
162 III.2.1 SAFEGUARDING AGRICULTURAL LAND AND SETTLEMENTS LAYOUT
166 III.2.2 SAFEGUARDING CULTURAL HERITAGE
167 III.2.3 FULLY ACQUIRING THE ROLE AS PRIMARY AFGHAN TOURIST DESTINATION
169 ANNEX
173 RULES

177 III.3 UTILITIES ENHANCEMENT
177 III.3.1 IMPROVING THE WATER SUPPLY SYSTEM
178 III.3.2 REALIZING A SEWERAGE AND SOLID WASTE MANAGEMENT SYSTEM
179 III.3.3 ENHANCING THE POWER NETWORK
181 III.3.4 IMPROVING THE TELECOMMUNICATION SYSTEM

183 III.4 FACILITIES
184 III.4.1 ENHANCING NEW LOCAL FACILITIES
185 III.4.2 ENHANCING NEW URBAN FACILITIES

187 III.5 TRANSPORTATION DEVELOPMENT
188 III.5.1 CONNECTING THE BAMIYAN VALLEY
193 III.5.2 ENHANCING THE URBAN TRANSPORT SYSTEM
196 III.5.3 IMPROVING URBAN TRANSPORT GOVERNANCE

199 III.6 ENHANCING THE INTANGIBLE HERITAGE
199 III.6.1 CREATING A VIRTUAL INTERACTIVE MUSEUM ON THE INTANGIBLE CULTURAL HERITAGE

IMPLEMENTATION AND MONITORING

205 IV.1 IMPLEMENTATION GUIDELINES FOR THE BAMIYAN STRATEGIC MASTER PLAN
205 IV.1.1 ADOPTION
206 IV.1.2 PLANNING
207 IV.1.3 IMPLEMENTATION

209 IV.2 ACTIONS AND MONITORING
209 IV.2.1 ACTIONS

213 REFERENCES