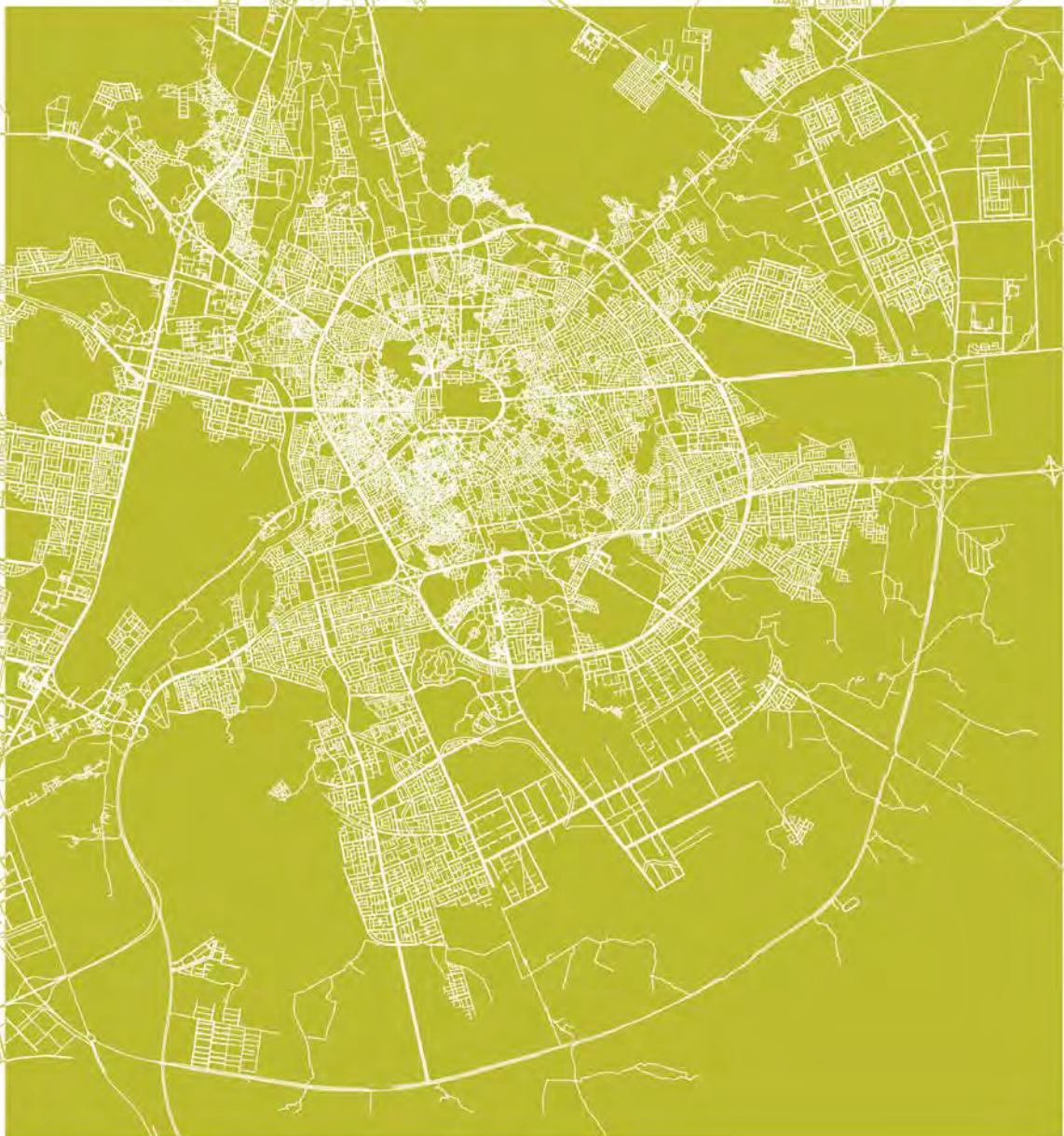




وزارة الشؤون
البلدية والقروية
Ministry of Municipal & Rural Affairs

MADINAH

City Profile



Future Saudi Cities Programme
City Profiles Series: **Madinah**

© 2019. Ministry of Municipal and Rural Affairs
King Fahd National Library Cataloging-in-publication Data

Ministry of Municipal and Rural Affairs
Madinah City Profile./ Ministry of Municipal and Rural Affairs
Riyadh, 2019
.p ; .cm

ISBN: 978-603-8279-31-1

1-City planning- Madinah
I-Title
309.2625314 dc 1440/8324

L.D. no. 1440/8324
ISBN: 978-603-8279-31-1

© 2019. Ministry of Municipal and Rural Affairs and United
Nations Human Settlements Programme
All rights reserved.

Ministry of Municipal and Rural Affairs
P.O. Box : 935 - King Fahd, Riyadh, 11136
Tel: 00966114569999
www.momra.gov.sa

United Nations Human Settlements Programme
(UN-Habitat)
P.O. Box 30030, 00100 Nairobi GPO KENYA
Tel: 254-020-7623120 (Central Office)
www.unhabitat.org

Disclaimer

The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Views expressed in this publication do not necessarily reflect those of the Ministry of Municipal and Rural Affairs, the United Nations Human Settlements Programme, the United Nations or its Member States. Excerpts may be reproduced without authorisation, on condition that the source is indicated.

ACKNOWLEDGEMENTS

City Profiles Series Editors:

Herman Pienaar
Salvatore Fundarò
Costanza La Mantia

Contributing Authors:

Anastasia Ignatova (*urban planning & design*)
Luis Angel Del Llano Gilio (*urban planning & design*)
Costanza La Mantia (*content editor*)
Dennis Mwawati (*regional planning*)
Anne Klen-Amin (*legal & governance*)
Samuel Njuguna (*legal & governance*)
Dr. Mansour Helmi (*legal & governance*)
Giuseppe Tesoriere (*economy & finance*)
Elizabeth Glass (*economy & finance*)
Carmelo Ignaccolo (*GIS*)
Mario Tavera (*GIS*)
Antara Tandon (*GIS*)
Solomon Karani (*GIS*)

Layout Design:

Hai Anh Nguyen

Cover Page:

UN-Habitat

The Future Saudi Cities Programme is a jointly implemented project managed by the Deputyship of Town Planning of the Ministry of Municipality and Rural Affairs of the Government of the Kingdom of Saudi Arabia and the United Nations Human Settlements Programme (UN-Habitat).

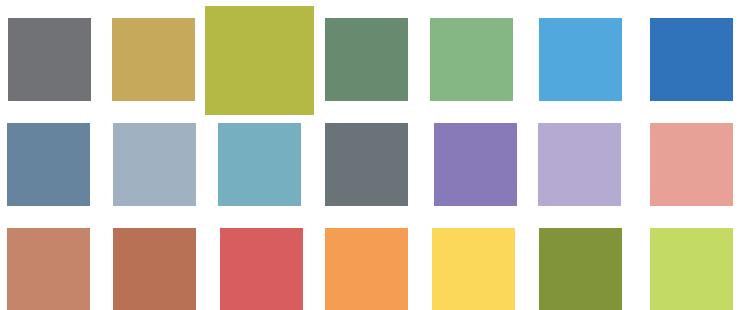
For UN-Habitat:

Mr. Robert Lewis-Lettington
Mr. Ayman El-Hefnawi
Ms. Manka Bajaj

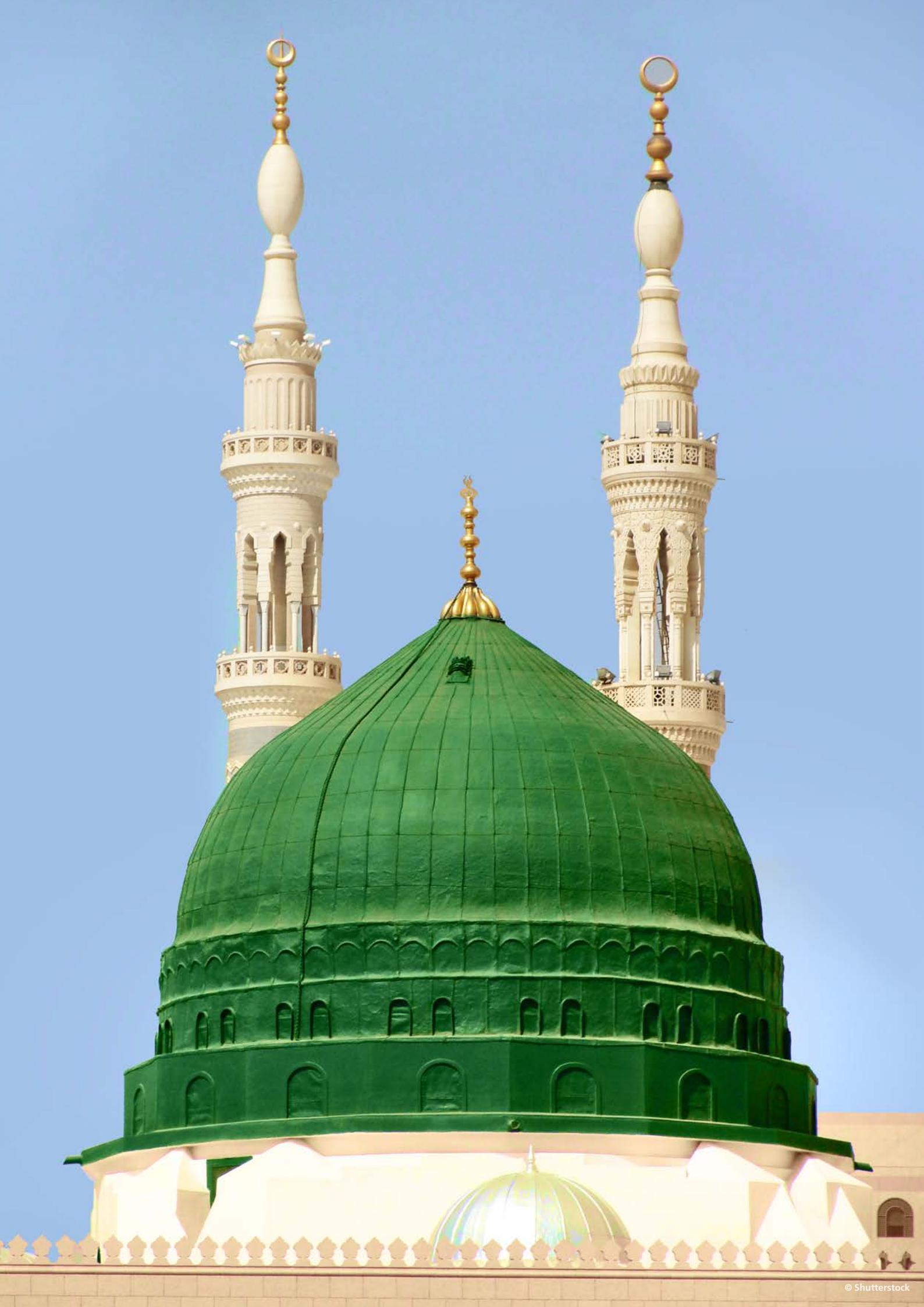


MADINAH

المدينة المنورة



FUTURE SAUDI CITIES PROGRAMME
CITY PROFILE



Contents

1 INTRODUCTION	9
1.1 About the Future Saudi Cities Programme	10
1.2 Saudi Initiatives for Sustainable Urban Development.....	10
1.3 Objectives of the City Profile Report.....	10
1.3.1 Scope of the city profile	10
1.3.2 Objectives of the city profile	10
1.4.2 The reviews.....	13
1.4.3 The City Prosperity Index assessment report.....	13
1.4.4 The GIS spatial analysis.....	13
2 NATIONAL AND REGIONAL SPATIAL CONTEXT	15
2.1 The Region's Role in the KSA.....	16
2.1.1 Historical background	16
2.1.2 Geography and location.....	16
2.1.3 Demographic background.....	16
2.1.4 Socio-economic background	18
2.1.5 National Connectivity	18
2.2 Regional Development Patterns and Dynamics.....	20
2.2.1 Regional organisation.....	20
2.2.2 Regional Structure and Resources.....	23
2.3 City-region Structure and Dynamics	28
3 GOVERNANCE AND FINANCIAL FRAMEWORK.....	31
3.1 Legal and Institutional Context	32
3.2 Planning Instruments and Procedures	34
3.2.1 Hierarchy of plans - Madinah	34
3.2.2 The Al Madinah Regional Plan	34
3.2.3 The Madinah Plan	34
3.2.4 The Madinah Urban Growth and Development Protection Boundaries.....	38

3.2.5 <i>White Lands Act</i>	39
3.2.6 <i>Land Subdivision Plans</i>	42
3.3 The Institutional Context	42
3.3.1 <i>Urban institutions in KSA</i>	42
3.3.2 <i>Regional context</i>	42
3.3.3 <i>Local context – Madinah</i>	43
3.3.4 <i>Legal and institutional implications for Madinah</i>	43
3.4 Financial Context.....	44
3.4.1 <i>Financial system</i>	44
3.4.2 <i>Municipal revenue</i>	44
3.4.3 <i>Financing municipal operating costs</i>	45
3.4.4 <i>Capital financing for municipal development</i>	45
3.4.5 <i>Financial sustainability</i>	48

4 THE CURRENT CITY..... 51

4.1 Urbanisation Patterns	52
4.1.1 <i>The city's development patterns</i>	52
4.1.2 <i>Administrative boundaries</i>	58
4.1.3 <i>Urban density</i>	60
4.2 Structuring Elements	62
4.2.1 <i>Natural and topographic elements</i>	62
4.2.2 <i>The Prophet's Mosque and the associated tourist dynamics</i>	64
4.2.3 <i>Major movement infrastructure</i>	66
4.2.4 <i>Existing and proposed land use patterns</i>	68
4.2.5 <i>Vacant land</i>	70
4.2.6 <i>Unplanned settlements</i>	72
4.2.7 <i>Accessibility to urban cores and facilities</i>	74
4.3 Assessment of Future Plans	78

4.3.1 The Comprehensive Plan of Al Madinah Metropolitan Area	78
4.3.2 Public Transport Accessibility Analysis.....	80
4.3.3 Urban density scenario	82
4.4 Environmental and Climate Change Risk Implications.....	84
4.4.1 Encroachment on natural topography	84
4.4.2 Loss of agricultural land	86
4.4.3 Loss of freshwater.....	88
5 STRATEGIC DIAGNOSIS	91
5.1 Identifying and Defining Main Strategic Issues.....	92
5.1.1 Unbalanced growth and development patterns.....	92
5.1.2 Dual City: Conflictual pilgrims and residents dynamics	92
5.1.3 Endangered historic vernacular urban pattern	93
5.1.4 Socio-ecological and economic imbalance	93
5.2 Analysing Madinah Four Issues in Depth.....	94
5.2.1 Madinah's unbalanced growth and development patterns	94
5.2.2 Dual City: Conflictual pilgrims and residents dynamics in Madinah.....	96
5.2.3 Madinah's endangered historic and vernacular patterns	98
5.2.4 Socio-ecological and economic imbalance in Madinah.....	100
6 THE FUTURE CITY	103
6.1 Strategic Responses.....	104

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_18051

