



**15. SLOVENSKI
KONGRES**

**O PROMETU
IN PROMETNI
INFRASTRUKTURI**

ZAG

PIARC in gospodarjenje s cestami

Priročnik za gospodarjenje s cestno infrastrukturo Svetovnega združenja za ceste PIARC

Darko Kokot

Kazalo

- PIARC
- Tehnični odbori za gospodarjenje s cestami
- Priročnik za gospodarjenje

Združenje za ceste



Na kratko o združenju:

- najstarejše strokovno združenje na področju cest in cestnega prometa na svetu, ustanovljeno leta 1909
- aktivno podpira izmenjavo znanj in dobrih praks, rezultatov raziskav, prenos znanj v države v razvoju, spodbuja strokovne razprave
- aktivnosti potekajo v **tehničnih odborih**

TO gospodarjenja s cestami



Delo poteka v delovnih skupinah

- **2012/15:** Assessment of budgetary needs; Optimisation of maintenance strategies for multiple assets; Balancing of environmental and engineering aspects; [Road Assets Management Manual](#)
- **2016/19:** [Road Asset Management Manual](#); Dissemination and education; Innovative approaches to Asset Management; HDM-4 support
- **2020/23:** Innovative approaches for asset management systems; Measures for improving resilience of road network; Renewal and rejuvenation of aging infrastructure; [Update of the Asset Management Manual](#)

Asset Management Manual • A guide for practitioners!

https://road-asset.piarc.org/en

World Road Association website | Log in | EN

WORLD ROAD ASSOCIATION
ASSOCIATION
MONDIALE
DE LA ROUTE
APCF PIARC

ASSET MANAGEMENT MANUAL
A GUIDE FOR PRACTITIONERS!

MANAGEMENT DATA AND MODELING PLANNING APPLICATION TOOLS

WELCOME TO THE PIARC ASSET MANAGEMENT MANUAL

Road infrastructure asset is the most valuable asset owned by the public sector in most countries and it supports a nation's economy. Traditional management methods will no longer be sufficient to meet 21st century business and political demands.

Asset management is a well-established discipline successfully implemented in several countries, for management of highways as well as other physical asset, addressing demands of a nation's citizens and industry for greater accountability and transparency, more efficient use of funds, greater focus on customer expectations and more sustainable solutions.

It is recognized that all road organizations manage their assets, but they do not necessarily all apply an asset management framework in order to achieve their desired outcomes from the delivery of their service to the traveling public and other stakeholders.

This manual has been developed by the World Road Association (PIARC) and it provides advice: on how asset management principles may be used to support a more efficient approach to maintain road infrastructure assets - road organizations' most valuable assets, and on the implementation and continuous development of road infrastructure asset management.

The manual builds on the progress made with asset management, as matter of fact manuals from several countries, documents, websites and materials are referenced. The manual also contains case studies of successful practices to document the lesson learned and experience gained in implementing asset management.

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21 neue Benachrichtigungen

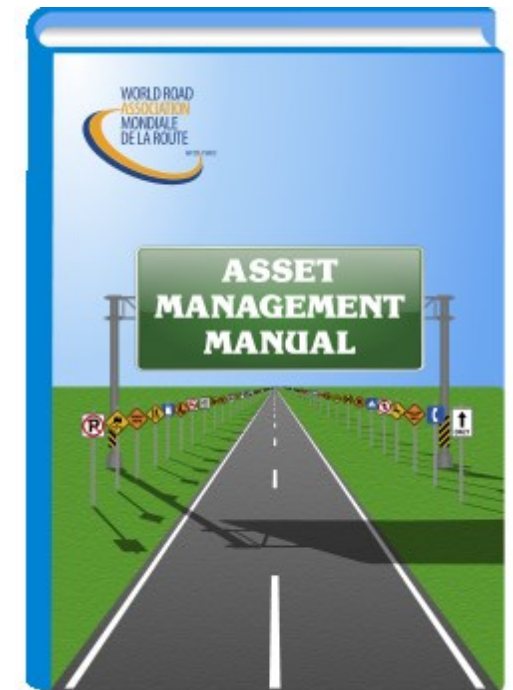
Komu je namenjen?

Cestnim upravam (nacionalnim, lokalnim) ne glede na **organizacijsko usposobljenost** upravljanja imetja in vsem tistim, ki so vključeni v upravljanje cestne infrastrukture.



Priročnik vsebuje...

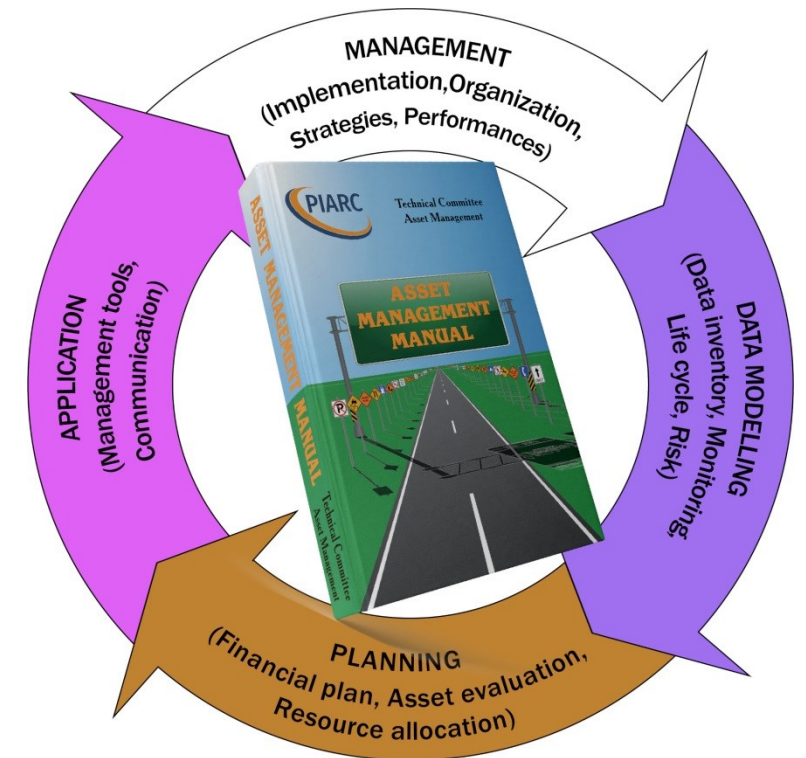
ključne informacije za kratko- in dolgoročno upravljanje zmogljivosti in obnašanja cestne infrastrukture v njeni celotni življenjski dobi, za pravočasno izvedbo vzdrževalnih ukrepov, za prepoznavanje in upravljanje različnih tveganj, široko paleto priporočil od obstoječih metod in tehnik do uporabnih strategij upravljanja.



Zgradba priročnika

4 glavna področja:

- Upravljanje *Management*
- Podatki in modeliranje *Data and Modelling*
- Načrtovanje *Planning*
- Uporabniške rešitve *Applications*



Upravljanje

MANAGEMENT	DATA AND MODELING	PLANNING	APPLICATION	TOOLS	<input type="text"/>
ASSET MANAGEMENT IMPLEMENTATION		ORGANIZATION		STRATEGY	PERFORMANCE MANAGEMENT
INTRODUCTION		INTRODUCTION		INTRODUCTION	WHAT IS PM?
GETTING STARTED		ADAPTING ORGANIZATION		ASSET MANAGEMENT STRATEGY	WHY PM IS NEEDED?
REFERENCES		ONLINE RESOURCES		MATURITY ASSESSMENT	SETTING PM FRAMEWORK
CASE STUDIES		REFERENCES		REFERENCES	PERFORMANCE GAPS
		CASE STUDIES		CASE STUDIES	REFERENCES
					CASE STUDIES

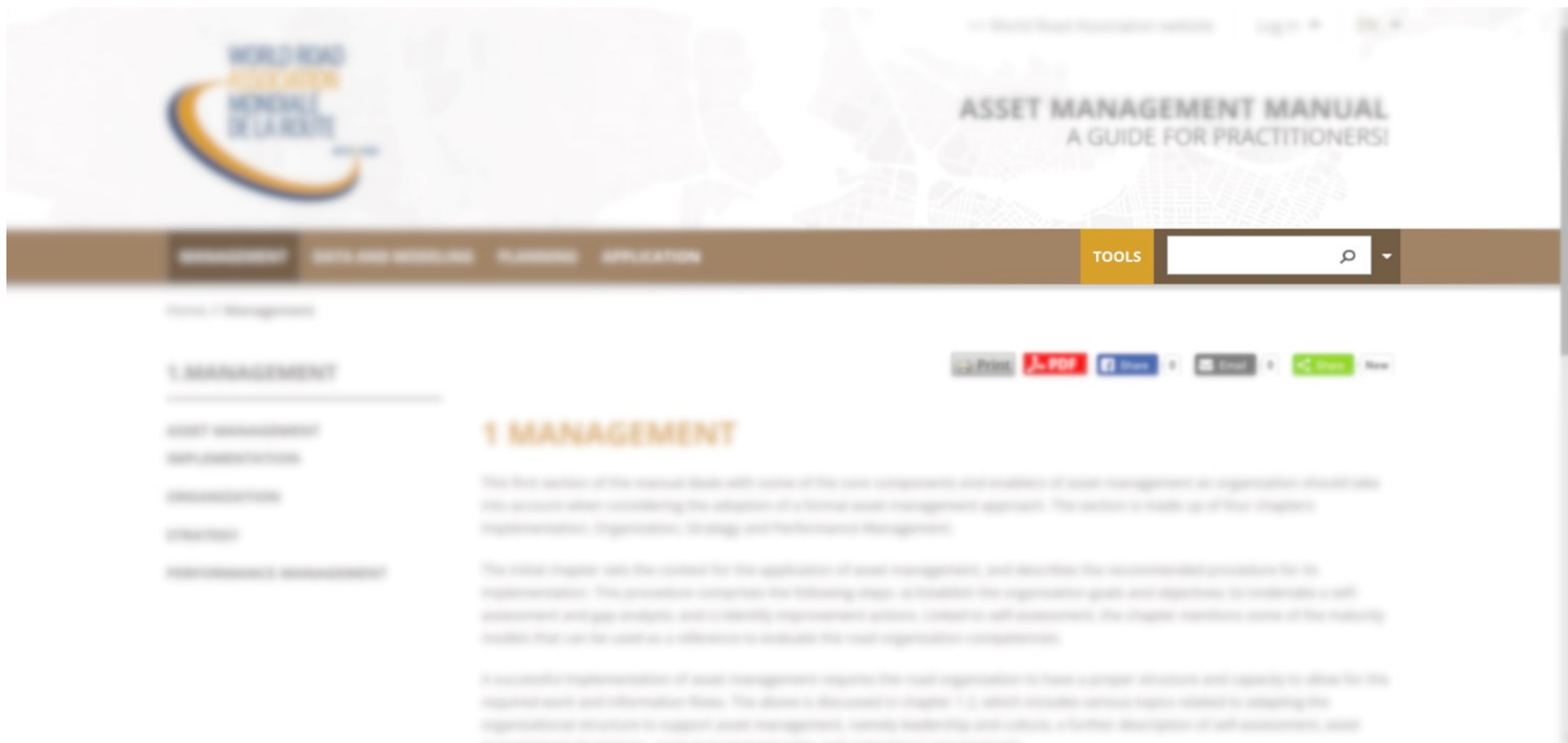
Podatki in modeliranje

MANAGEMENT	DATA AND MODELING	PLANNING	APPLICATION	TOOLS	<input type="text"/>
INVENTORY AND CONDITION	PERFORMANCE MONITORING	RISK		LIFECYCLE PLANNING	
INTRODUCTION	WHAT IS MONITORING?	WHAT IS RISK?		AIM OF LIFECYCLE PLANNING	
WHAT DATA TO COLLECT?	WHY TO MONITOR PERFORMANCE?	INCORPORATING RISK		LIFECYCLE PLANNING	
PROCESS	MATURITY LEVELS	IDENTIFYING CRITICAL ASSETS		THE LIFECYCLE PLAN	
REFERENCES	MONITORING PROCESS	REFERENCES		DETERIORATION MODELS	
CASE STUDIES	PERFORMANCE REPORTING	CASE STUDIES		DECISION MAKING	
	PERFORMANCE REVIEWS			COSTS FOR LIFECYCLE PLANNING	
	BENCHMARKING PERFORMANCE			INVESTMENT STRATEGY	
	ACTIONS AND PLANS			RESOURCES AVAILABLE	
	REFERENCES			LEVEL OF MATURITY	
	CASE STUDIES			REFERENCES	
				CASE STUDIES	

Uporabniške rešitve

MANAGEMENT	DATA AND MODELING	PLANNING	APPLICATION
ASSET MANAGEMENT TOOLS		COMMUNICATION	
WHAT IS AN AMT?		INTERNAL DELIVERY OF AMP	
MAKING THE CASE FOR AN AMT		EXTERNAL DELIVERY OF AMP	
STRUCTURE OF AN AMT		STRUCTURE OF AN AM	
AMT BUSINESS PLAN		REFERENCES	
REFERENCES		CASE STUDIES	
CASE STUDIES			

Pregledovanje in uporaba priročnika



Pregledovanje in uporaba priročnika

The screenshot displays the World Road Association website interface. At the top, there is a navigation bar with the logo and the text "WORLD ROAD ASSOCIATION MONDIALE DE LA ROUTE AIPCR PIARC". The main header area features the title "ASSET MANAGEMENT MANUAL A GUIDE FOR PRACTITIONERS!". Below this, a navigation menu includes "MANAGEMENT", "DATA AND MODELING", "PLANNING", "APPLICATION", and "TOOLS". The "TOOLS" menu is expanded, showing "Asset management".

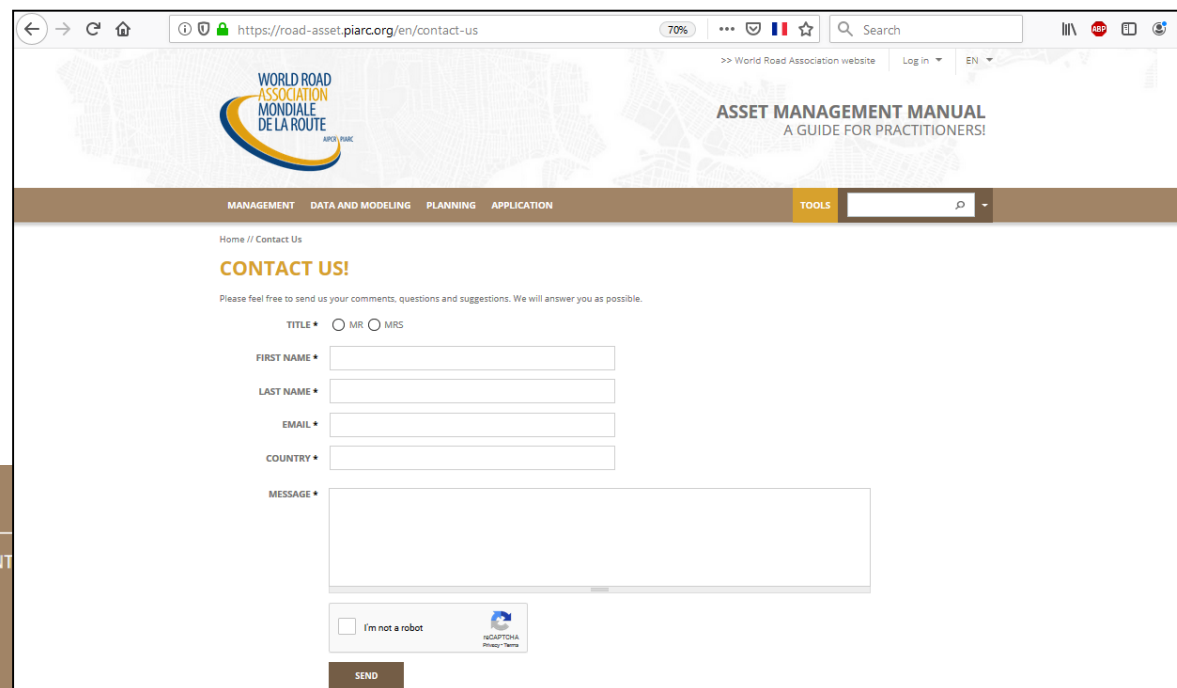
The search results section is titled "SEARCH RESULTS" and displays the following information:

SUBJECT *	TYPOLGY	CHAPTERS OF THE MANUAL	PUBLICATION DATE	
Asset management	OK Typology	1.Management	Year	Month

The search results list includes the following entries:

- PERFORMANCE MEASURES**
THEME(S): 1.MANAGEMENT
Wednesday 07th June 2017
- SELF ASSESSMENT**
THEME(S): 1.MANAGEMENT
Wednesday 07th June 2017
- LEADERSHIP AND CULTURE**
THEME(S): 1.MANAGEMENT
Wednesday 07th June 2017

Pregledovanje in uporaba priročnika



The screenshot shows a web browser window displaying the 'CONTACT US!' page of the World Road Association's 'ASSET MANAGEMENT MANUAL'. The page includes a navigation menu with 'MANAGEMENT', 'DATA AND MODELING', 'PLANNING', 'APPLICATION', and 'TOOLS'. The main content area features a contact form with the following fields: 'TITLE' (radio buttons for MR and MRS), 'FIRST NAME', 'LAST NAME', 'EMAIL', 'COUNTRY', and 'MESSAGE'. A 'SEND' button is located at the bottom of the form. The browser's address bar shows the URL 'https://road-asset.piarc.org/en/contact-us'.

MANAGEMENT	DATA AND MODELING	PLANNING	APPLICATIONS
ASSET MANAGEMENT IMPLEMENTATION	INVENTORY AND CONDITION	ASSET MANAGEMENT PLAN	ASSET MANAGEMENT TOOLS
ORGANIZATION	PERFORMANCE MONITORING	FINANCIAL PLAN	COMMUNICATION
STRATEGY	RISK	ASSET VALUATION	
PERFORMANCE MANAGEMENT	LIFECYCLE PLANNING	PROGRAMMING	

[CONTACT US](#) [SITE MAP](#) [TECHNICAL REQUIREMENTS](#) [CREDITS & ACKNOWLEDGEMENTS](#) [PRIVACY POLICY](#)

Hvala za pozornost!



ZAVOD ZA
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<https://road-asset.piarc.org>