



**Assessing change –  
Heritage Impact  
Assessment  
(HIA) framework  
for  
Old City of Dubrovnik World  
Heritage**

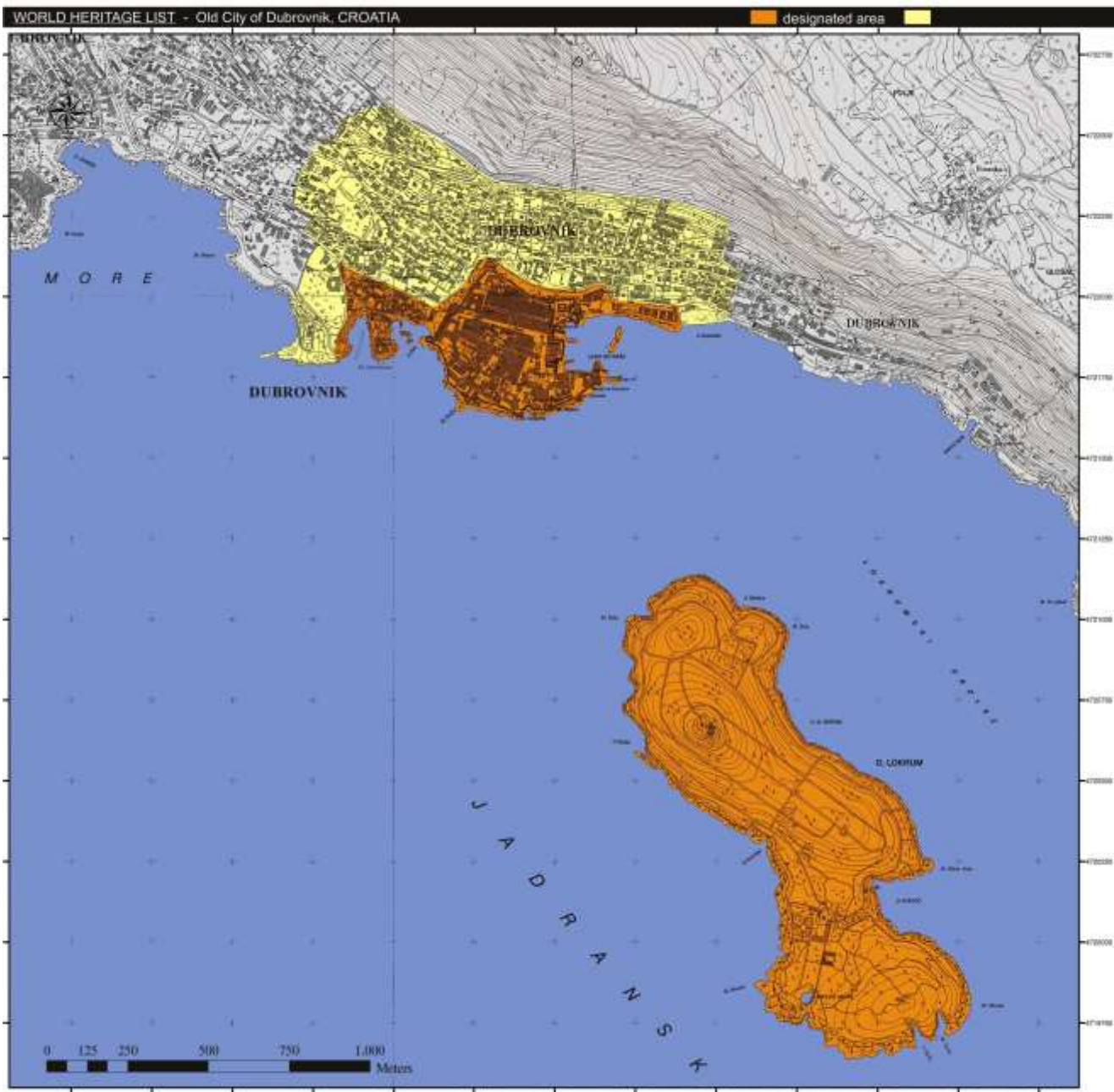
# The function of a Heritage Impact Assessment

- ✓ Decision making tool
  - ✓ as objective as possible
  - ✓ transparent and accountable
- ✓ Monitoring tool
  - ✓ can be used as a database for monitoring programs
- ✓ Proactive management tool
  - ✓ clarifies for all stakeholders the key issues to be considered in planning and management
  - ✓ sets out the priorities in management > management plan strategic objectives

# World Heritage Outstanding Universal Value (OUV)

The statement of the OUV is the base for all conservation and management decisions concerning the Old City of Dubrovnik World Heritage property.

It is decided by the World Heritage Committee when Dubrovnik was inscribed on the WH List



Site setting  
and  
context

Any change  
can have an  
impact -  
inside or  
outside the  
World  
Heritage  
property

# Interpreting OUV in Dubrovnik

How to go about:

Identification of attributes **within** the inscribed World Heritage property and its setting that are associated with or express OUV

Identification of attributes **outside** the World Heritage property within its setting that could potentially be associated with or express future OUV

Identification of attributes within the inscribed World Heritage property and its setting that are **associated with or express other cultural values**

# Old City of Dubrovnik attributes

Attributes can be physical or associative and can be:

- ✓ physical elements, for example the defence system and key monuments
- ✓ relationships between the elements, for example the functional and symbolic relationship between the old city and the mountain and the sea
- ✓ processes, for example the continuity of the living city,
- ✓ associative elements; traditions, places of memory, visual appreciation

# The main narratives of Old City of Dubrovnik

## **The defense, trade and political landscape:**

The medieval structure of a fortified town (including economic, political and associative importance)

## **The historic urban landscape:**

The urban historical complex; architecture, urban planning and infrastructure system (territorial scale)  
and

## **The associative landscape**

# “OUV on the ground”

## *WH Operational Guidelines, 82*

Depending on the type of cultural heritage, and its cultural context, properties may be understood to meet the conditions of authenticity if their cultural value (as recognized in the nomination criteria proposed) are truthfully and credibly expressed through a variety of attributes including:

- form and design;
- materials and substance;
- use and function;
- traditions, techniques and management systems;
- location and setting;
- language, and other forms of intangible heritage;
- spirit and feeling; and
- other internal and external factors.



# World Heritage OUV is one layer of values

CATEGORIES	VALUES		ATTRIBUTES	
	OUV	OTHER		
Associative	Villa Adriana as the personal project and architectural vision of the emperor Hadrian	X	X	Whole villa complex, including: Serapeum, Canopus, Antinoeion, etc.
	Villa Adriana as the setting for part of Marguerite Yourcenar's novel 'Memoirs of Hadrian'		X	Whole villa complex
	Villa Adriana as one of Tivoli's heritage places that inspired generations of the artistic community, including Goethe, Ligorio, Piranesi, Lorrain, Turner, Le Corbusier, etc.	X	X	Villa within a historic landscape Arrival routes Views from Tivoli
Historic/ archaeological	'Villa Adriana is a masterpiece that uniquely brings together the highest expressions of the material cultures of	X	X	Whole villa complex

# Mapping OUV and other values

Categories	VALUES		ATTRIBUTES	
		OUV	Other	
Architecture and urban planning	Historical urban and architectural complex of Dubrovnik has retained its medieval structure of a fortified town	X	X	Intra-mural city: Main town wall, with towers, donjons, and bastions, barbicans, the moat and Kopač breakwater urban layout (13 <sup>th</sup> c) with street grid, layout of housing and public spaces, building materials, (Placa, impressive Renaissance and Baroque public and private buildings ( Rectors Palace, Franciscan monastery, Dominican Monastery, cathedral, Customs house, churches ( St Blaise), Arsenal Extra-mural city Pile medieval industrial suburb, Lovijenac fortress, Lokrum Benedictine Abbey Fort Royal fortress
	Two types of urbanism with Medieval city structure with summer residences		X	Summer residences
	Strategic location and setting on the coast and at the foot of Mt Srd	X	X	Location at the foot of Mt Srd, historic roads, harbours
Scientific	Archival documentation	X	X	Research activities Archives ( City state)
Technical	Advanced water management system	X		aqueduct
Artistic	Art and Science	X	X	xxx Architecture
Functional	Strong maritime and trading hub in Mediterranean	X	X	Arsenal, the moat routes, historic roads
	Highly advanced municipal infrastructure and health care system			Municipal sewage granary at Rupe Quarantine protected hospices and oph
Political, socio-economic	Dubrovnik Republic as a political and administrative centre		X	
	High public awareness of the identity and value of the city	X	X	?
	Living city		X	
	Quality of life		X	

Integrity	Key elements
Functional / social	a living city ; the old town continues to be a centre and a place of ceremonies (St Blaise)
Historical	The architectural complex of Old City of Dubrovnik, its buildings and urban form , design and materials remain intact and legible The elements of the fortified city are complete
Visual / perceptual ( spirit and feeling)	Maintained setting of the fortified city , its strategic position and relationship with the territory, mountain of Srd and the seascape

## Appendix 3B: Example Guide for assessing magnitude of impact

Impact Grading	Archaeological attributes	Built heritage or Historic Urban Landscape attributes	Historic landscape attributes	Intangible Cultural Heritage attributes or Associations
<b>Major</b>	<p>Changes to attributes that convey OUV of WH properties</p> <p>Most or all key archaeological materials, including those that contribute to OUV such that the resource is totally altered.</p> <p>Comprehensive changes to setting.</p>	<p>Change to key historic building elements that contribute to OUV,, such that the resource is totally altered.</p> <p>Comprehensive changes to the setting.</p>	<p>Change to most or all key historic landscape elements, parcels or components; extreme visual effects; gross change of noise or change to sound quality; fundamental changes to use or access; resulting in total change to historic landscape character unit and loss of OUV.</p>	<p>Major changes to area that affect the ICH activities or associations or visual links and cultural appreciation.</p>

# Factors affecting heritage - mitigation

**Summary of factors that have a potential impact on Old City of Dubrovnik ( re: periodic reporting)**

FACTOR	NATURE OF IMPACT				ORIGIN	
	positive	negative	current	potential	inside	outside
Buildings and development - urban encroachment - urban and real estate development						
Transportation infrastructure						
Social/cultural uses of heritage - tourism; visitor pressure						
Climate change and severe weather events, ecologic - fire, ea						
Manage - lack of						

## 5.6 Issues to be considered in assessing the mitigation measures

Impact / issue	Issues to be considered
Traffic through WH property	<ul style="list-style-type: none"> <li>- Development of detailed proposals for reducing through traffic including tunnel alternative</li> <li>- Enforcement of decisions regarding conditions for traffic regulation through WH property before construction</li> </ul>
Widening of the Florij road	<ul style="list-style-type: none"> <li>- Detailed proposals for the road alignment and the bicycle/pedestrian</li> </ul>

# HIA work in progress

Vulnerabilities – what do we have today, in what condition, threats and opportunities

Landscape elements and landscape patterns – which are essential for supporting the value(s), which are in danger and weakening the value(s)

What are the voids in legal protection and management - need for guidance, proposals, strategic management objectives