

# 04 SDC COASTAL PLAN KAŠTELA - PILOT AREA

- Guidelines for Kašela Bay coastal management - COASTGAP
- HR-IT SDC Coastal plan, in collaboration with PAP/RAC, Kašela pilot area (SKZ model)
- Structural funds, Operational Programme Competitiveness and Cohesion 2014 - 2020
- Investment priority 05 Promoting climate change adaptation, risk prevention and management - both technical documentation and infrastructural works eligible

# 01 PROJECT BACKGROUND WB AND EBRD MAJOR PROJECT

- ECO KAŠTELA BAY - 300 MIO EUR PROJECT - covering construction and reconstruction of sewage systems of Split's agglomeration leading to higher sea quality - deindustrialisation and tourism development



# 03 DIVA RESULTS KAŠTELA - FOCAL POINT

- The Kašela Bay area has the highest number of people living in the floodplain (people below H100).
- This number could increase from today's 10,600 to 14,000 - 19,600 in 2050 and 12,000 - 21,300 in 2100.
- Kašela Bay area has the highest number of people at risk of being flooded annually (around 2,900 today).
- This number is expected to rise up to 12,400 in 2050 and up to 21,100 in 2100 under the high SLR scenario.

*NEP/MAP/PAP Assessment of Costs of Sea-Level Rise in the Republic of Croatia Including Costs and Benefits of Adaptation: Technical report, Priority Actions Programme, Split, 2015.*

# 02 THE STATE OF COASTAL INFRASTRUCTURE





# Kaštela coastline requalification

Split-Dalmatia County major project initiative

JAVNA USTANOVA  
Jelena Petrov, mag.oec. **rerasd**

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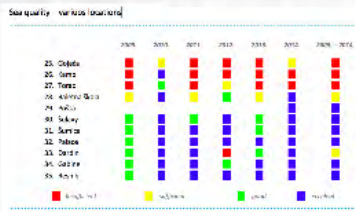
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# 02 THE STATE OF COASTAL INFRASTRUCTURE

The state of coastal infrastructure



Broken coastal constructions



Flooded coastline



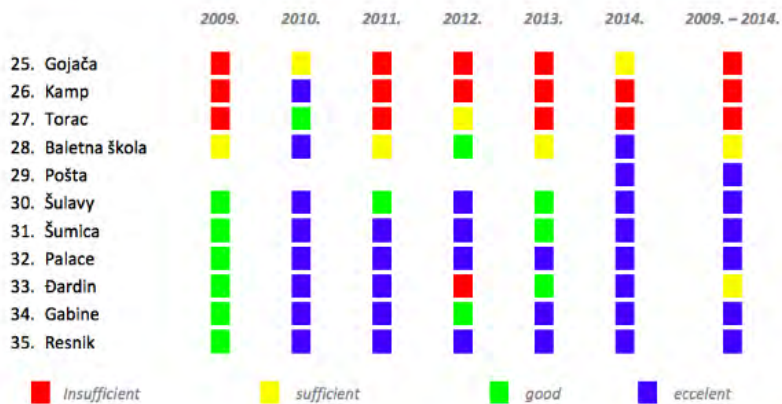
Coastal erosion

# 01 PROJECT BACKGROUND

## WB AND EBRD MAJOR PROJECT

- *ECO KAŠTELA BAY - 300 MIO EUR PROJECT - covering construction and reconstruction of sewage systems of Split's agglomeration leading to higher sea quality - deindustrialisation and tourism development*

Sea quality – various locations



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## *The state of coastal infrastucture*



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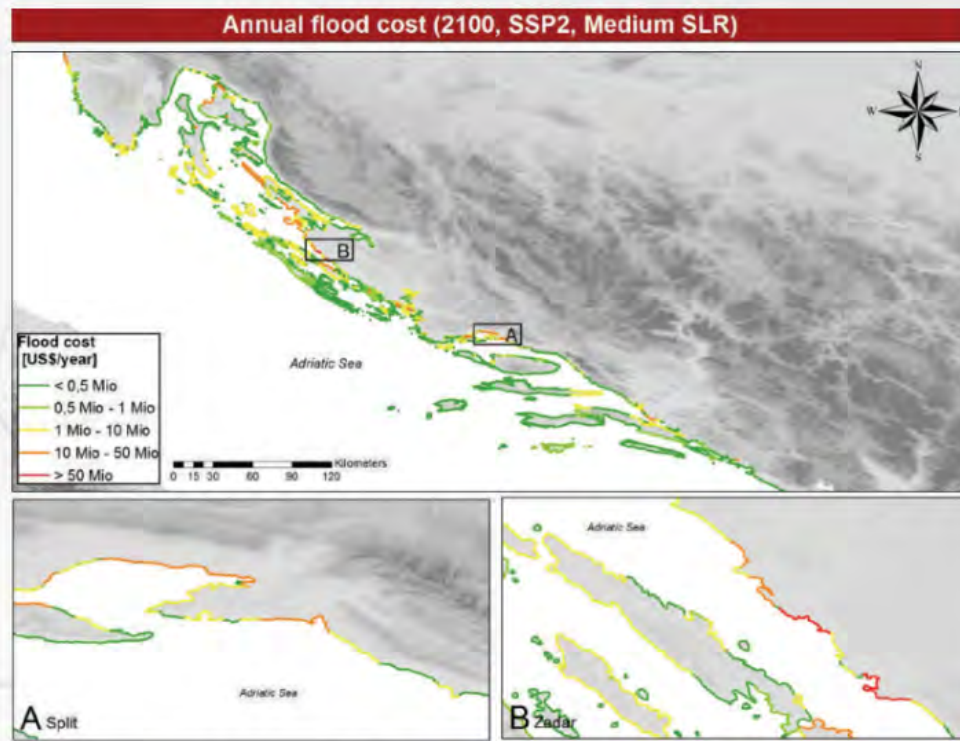


Figure 12: Expected annual flood cost under SSP2 and Medium SLR scenario in Croatia in 2100.

Table B4.3: Expected damages caused by sea-floods in 2100 under different SLR scenarios compared and SSPs compared with today's situation.

Floodplain area	Sea-flood cost (Million US\$) in 2100									
	Today	Low SLR			Medium SLR			High SLR		
		SSP2	SSP3	SSP5	SSP2	SSP3	SSP5	SSP2	SSP3	SSP5
Zadar	3.6	86	88	130	200	200	300	540	560	820
Šibenik	2.9	80	82	120	190	190	280	510	520	770
Kaštela Bay	2.5	76	78	115	180	180	270	520	530	790
Novalja	2.2	47	48	66	110	110	160	280	280	420
Vodice	1.9	53	54	71	120	130	155	340	340	420
Vir	1.8	43	44	65	99	100	150	270	270	400
Neretva Delta	1.6	48	50	73	113	115	170	300	300	450
Umag	1.2	33	33	49	76	78	110	220	220	330
Privlaka	1.0	28	28	42	64	66	97	180	190	260
Sukošan	0.9	24	24	36	56	57	84	150	150	230

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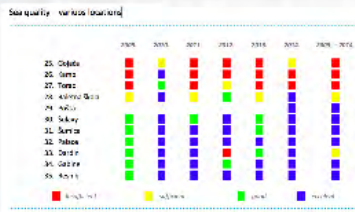
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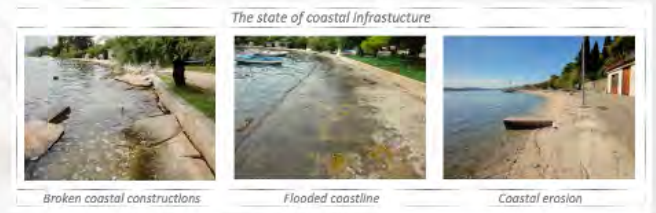
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# THANK YOU FOR YOUR ATTENTION!



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