



Developing Integrated Low-Carbon Strategies
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Green spatial plan of the City of Karlovac

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**Interreg
Europe**



European Union | European Regional Development Fund

Why a green spatial plan?



Development vision of the city

Timely preparation for future obligations in the energy transition and climate adaptation areas

City of Karlovac – green, healthy city with high quality of living



KARLOVAC
grad susreta

Areas



Construction

Architecture

Green
infrastructu
re and
climate

(Green)
Energy

Cultural
heritage

Urbanism

Circular
economy

Transport

Ownership
and law

Sociology,
citizens and
stakeholders

Infrastructure

Steps



1

Development of **Guidelines for integration** of sustainable **energy planning** and **climate change adaptation** into General Urbanistic Plan

2

Integration of **measures** identified in Guidelines into General Urbanistic Plan

3

Formal process of General Urbanistic Plan **approval by the City council**



Development of the Guidelines

1

Spatial energy
demand analysis

2

Energy Climate
concept

3

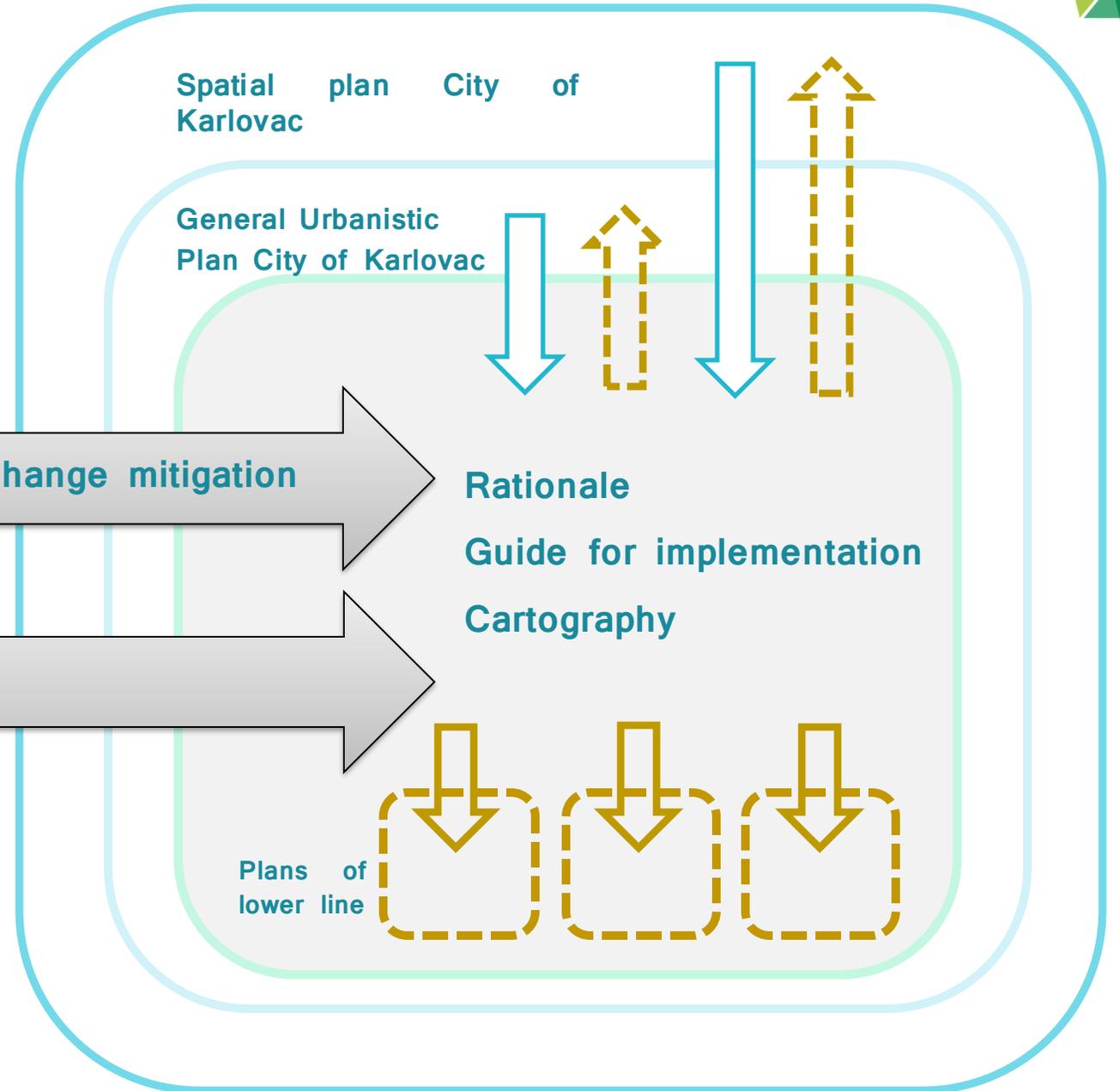
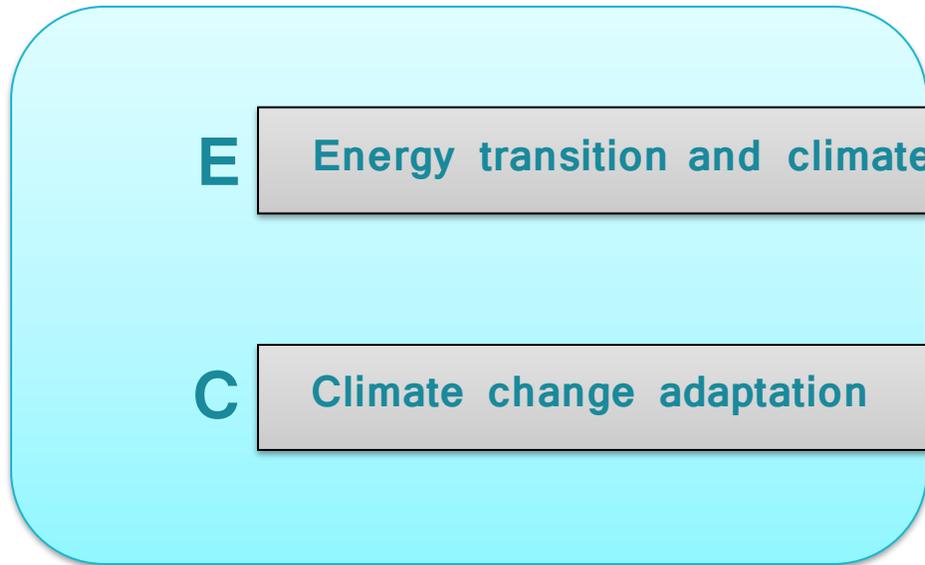
Measures to be
integrated into
General Urbanistic
Plan



METHODOLOGY

SECAP

Sustainable Energy And Climate Action Plan





Measures integrated from SECAP



Energy_Climate Concept



Energy and climate
integrated to urban
development

Green
City

Sustainable
energy
systems

Blue
City

Sustainable
mobility

People
centric

KARLOVAC



Sports and recreation zone Korana

Z6-01



kulturni krajolik
zaštita izvora iz Grada prema pejzažu
"posudeni krajolik" - doljevnina elika grada

"Zvijezda"

"Lušćić"

"ŠRC Korana"

gradske urbanističke osi
područja koncentracije urbanih sadržaja





Key messages

Spatial planning should be seen as a tool for decarbonization of urban areas

Key stakeholders inclusion from start is essential

Measures from SECAPs and similar documents need to be integrated into spatial plans and later in budgetary plans – monitoring required

Energy transition and climate related actions as drivers for innovation and economy development



Thank you!

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