



Integrative urban design game as a method for creating liveable urban ambients

Tatjana Mrđenović, dia

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QUESTIONS:

- *How to design urban ambients in sustainable manner ?*
- *Do and how urban design and urban planning should work together?*
- *How to achieve disciplinary, interdisciplinary and participative cooperation?*



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Livable urban ambients – *URBAN REGENERATION?*

Regeneration /regenerare/ :

1: an act or the process of regenerating : the state of being regenerated

2: spiritual renewal or revival

3: renewal or restoration of a body, bodily part, or biological system (as a forest) after injury or as a normal process

<http://www.merriam-webster.com/dictionary/regeneration?show=0&t=1304180027>



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*regneRATIO*n:

- 1. Act / activity**
- 2. Betterment**
- 3. Spiritual renewal**



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1. What is **betterment** – subject of urban regeneration?
2. The **scale** of regeneration?
3. The main **discipline**?
(urban planning or urban design)



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URBAN REGENERATION

Act or activity that provides betterment to quality of life through re-generation of ambiental values that can be:

1. DEFINED as cultural heritage – memory, past
2. HIDDEN in contemporary life of urban places



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INTEGRALNI URBANI DIZAJN I URBANA REGENERACIJA

BETTERMENT?

Related to urban paradigm, type of space and type of space:

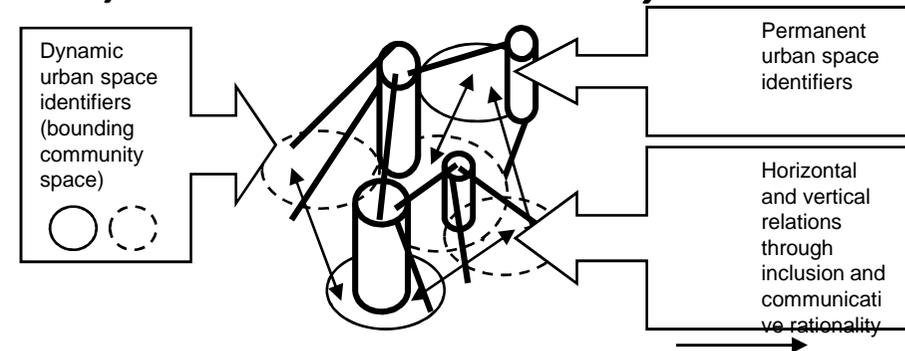
1. Economic growth – **ekonomik space**: Urban reconstruction: (-) gentryfication
2. Social development – **social space**: life quality of marginaliyed groups,
3. Physical developent – **physical space**: visual, aesthetic, spatial improvements,
4. Collaborative paradigm – **shared places**: integration of different rationalities
5. Sustainable development – **glocal space**: integration of different betterment thoughts, paradigms and rationalization of plural values



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Urban regeneration (betterment) and sustainability



1. *Multidimensional space,*
2. *New urbanism,*
3. *Integrative approach*

Livable ambients



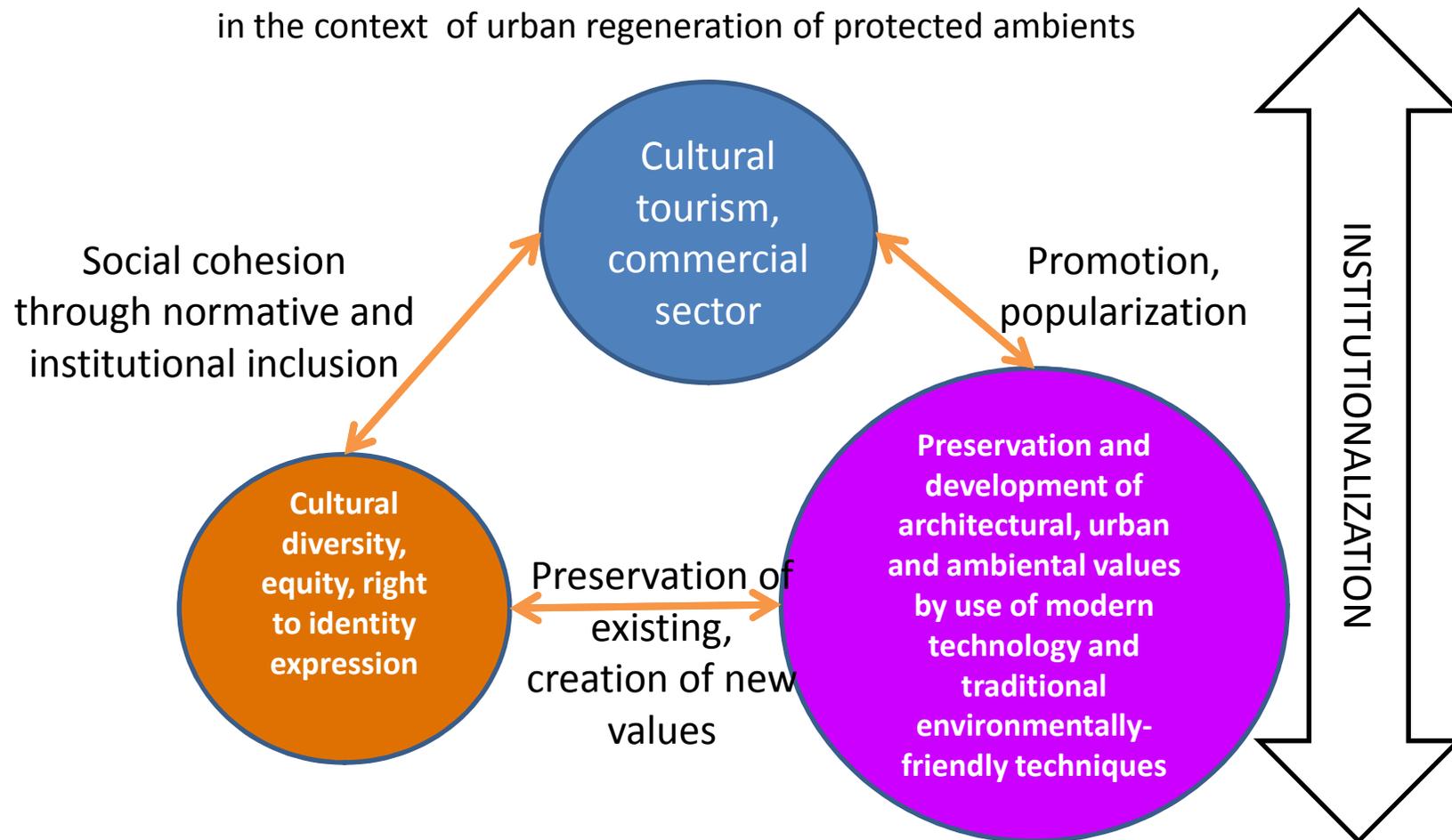


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SUSTAINABLE DEVELOPMENT MODEL

in the context of urban regeneration of protected ambients





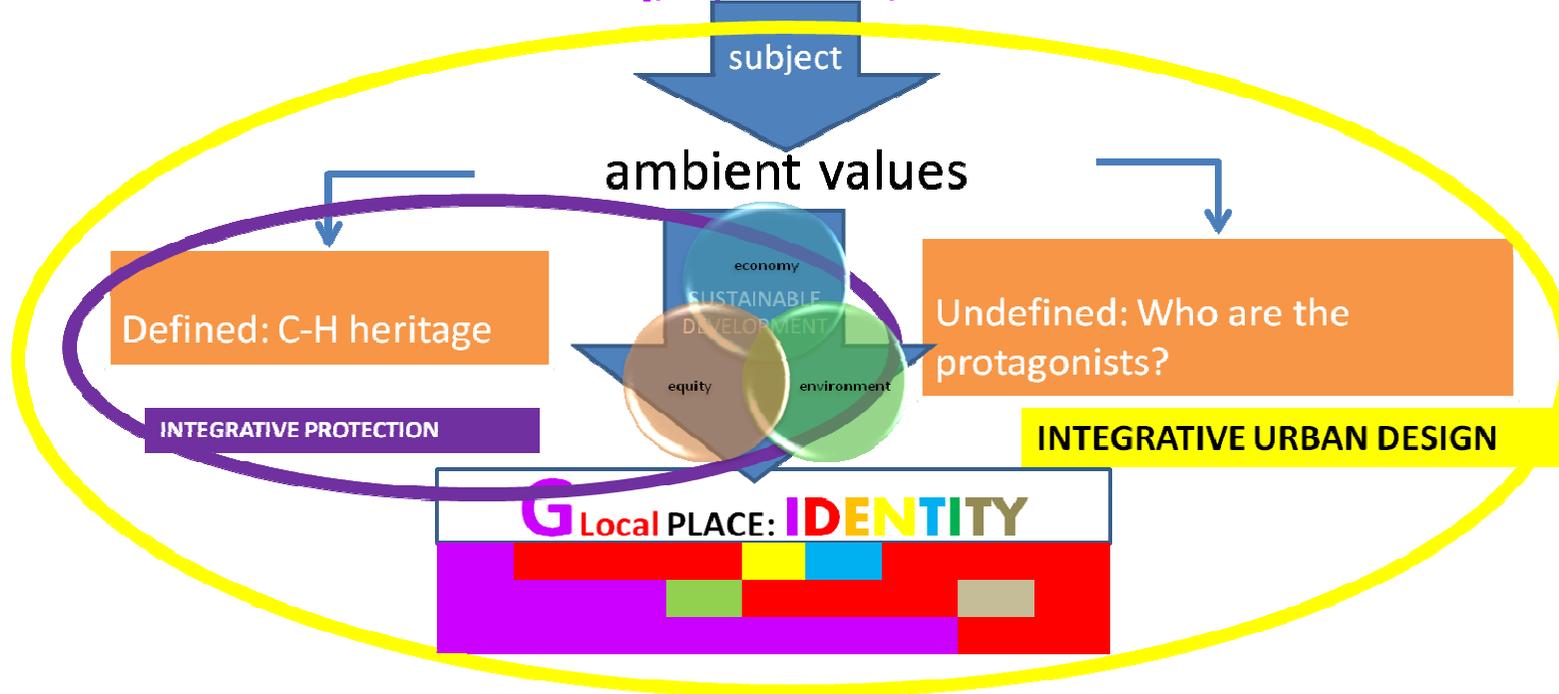
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URBAN REGENERATION – LIVABLE AMBIENTS?

URBAN REGENERATION

activity, improvement, renewal



Source: T. Mrđenović (2011), *Urban design, participation and regeneration of protected urban ambients*, in *Urban regeneration of protected urban ambients in nte context of sustainable development – Bač Fortres Suburbium*, author: Tatjana Mrđenović and group of authors, Univesity of Belgrade – Faculty of Architecture, Belgrade , <http://obavezni.digital.nb.rs/izdavac/af/publikacija/11>



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LIVEABLE AMBIENTS – PRINCIPLES:

- Integrity of 3E,
- Flexibility,
- Inclusiveness,
- Education,
- Identity of place,
- Mobility,
- Economy,
- Mix of activities,

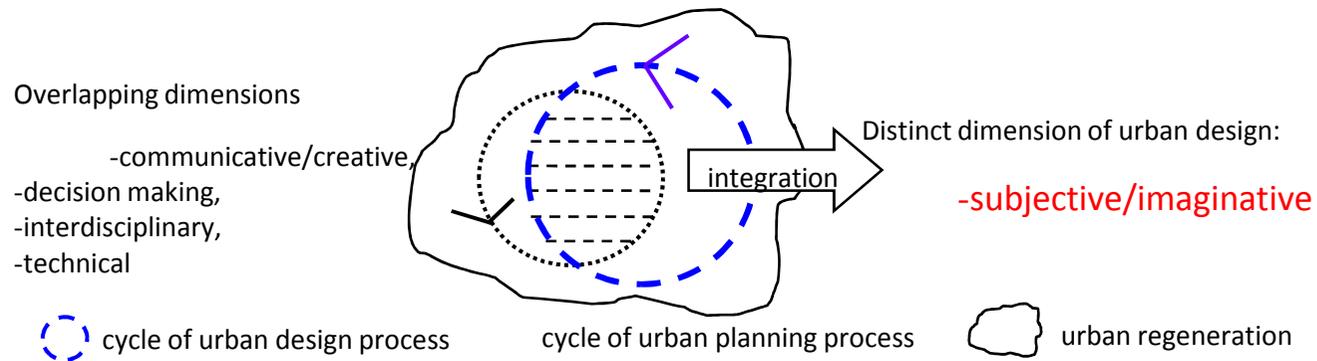


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DISCIPLINE?

Urban planning vs **Urban design**?



GLOCAL IDENTITY?

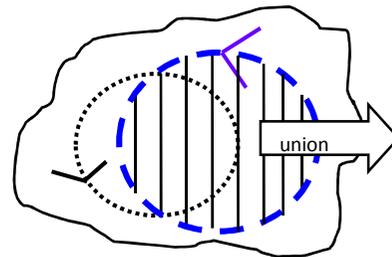


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DISCIPLINE?

Urban planning vs **Urban design**?



|||||
The area of fusioning/uniting

 cycle of urban design process

 cycle of urban planning process

 urban regeneration





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INTEGRATIVE DIMENSION OF URBAN DESIGN

Creativity and Art

I would propose a **new definition of game (in game theory) in which it presents creative, artistic game towards common sense and communicative consensus.**

The game players, actors, are participating in **“drawing of common future picture”** su učesnici u icstavanju zajedničke slike and are elements of creativity.

The carries of urban creativity are urban designers with talent and expertise to put together different picture into coherent whole, communicating and facilitating the urban design process towards rationalization.

Rationalization is necessary to bring fragment pictures into coherent whole of dimensions, colors, proportions, light and shadows.

This kind of picture is consensual with added value.



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Integrative urban design game – innovative method



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...through consensus, unite positivistic, artistic and collaborative approach.

.... as a game it is a strategic process – link to urban planning

...Integrate different methods of urban planning and design



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The method integrates different types of methods and techniques supporting wide range of purposes in the multidimensional process of sustainable urban regeneration. In general my criteria for systematization of the methods are based on their support in:

- Phase of integrative urban design,
- Level collaborativeness,
- Type of rationality.



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In the light of creating conditions for communicative action **integrate positive sides of positivistic and collaborative paradigms and give new role to urban design.**

Psitivistic approach (-).....

Collaborative approach (-).....



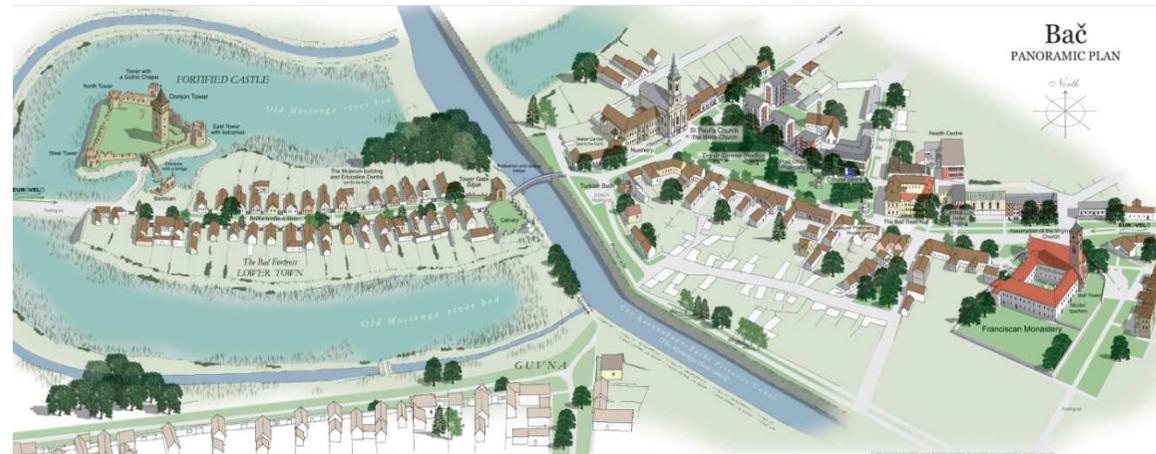
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Integrative urban design game

CASE STUDY:

“Bač settlement Suburbium”



Panoramic map of Bač, drawing by Aleksandar Stanojlović,

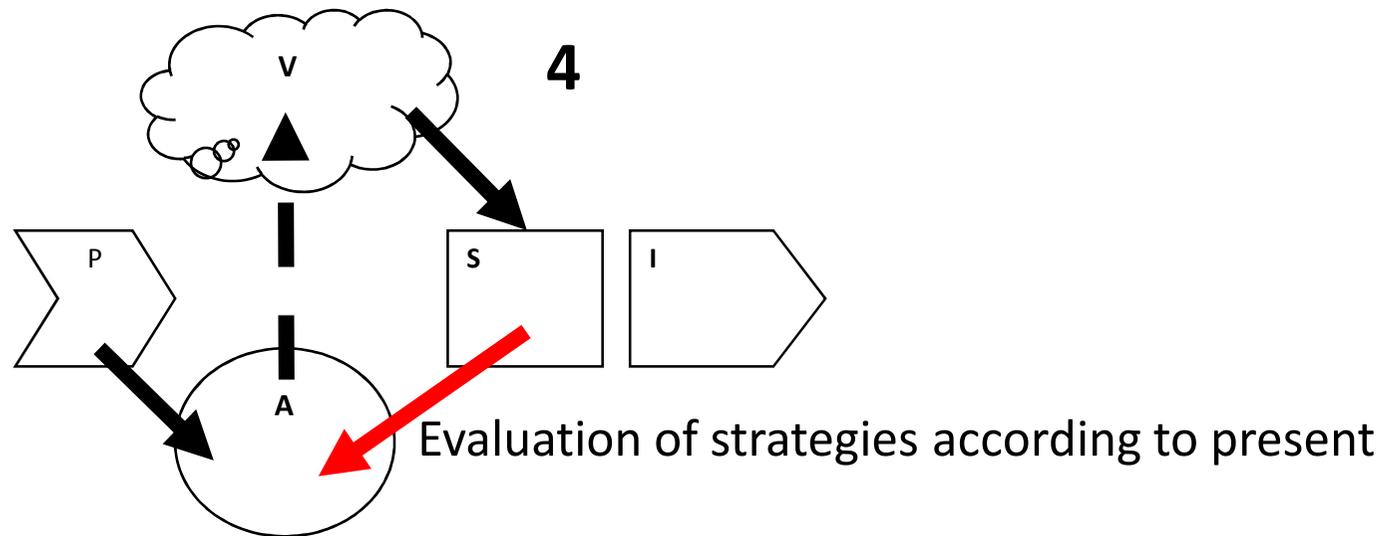
Source: S. Vujović (2011), *Integrated protection of the spatial cultural historical complex of the Bač Fortress and its Suburbium*, in Urban regeneration of protected urban ambients in nte context of sustainable development – Bač Fortres Suburbium, author: Tatjana Mrđenović and group of authors, Univesity of Belgrade – Faculty of Architecture, Belgrade , <http://obavezni.digital.nb.rs/izdavac/af/publikacija/11>



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INTEGRATIVE URBAN DESIGN – OUR PROCESS





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Phase 1: Analysis of present



Interviews, questionnaire, photographing, measuring, sketching

Local people, "Province Institute of Cultural Monument Protection", "Directorate for Urban Construction of Bač Municipality", "Tourist Organization of Bač municipality", "Fund Centuries of Bač", "Radio Bačka"





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Phase ALL: Building a mimicry model





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Phase 2

Visioning – local people



ulica nasmejanih lica :)

Mi želimo da se naša ulica razvija na način **promovisanja i aktivnog** odnosa prema vrednostima kulturno-istorijske celine u kojoj živimo sa ciljem **unapređenja kvaliteta života**.

Mi želimo da budemo **aktivni učesnici** u njenom budućem razvoju, pre svega kroz **uključenje u manifestacije** kulturnog turizma i prezentaciju tradicionalnih vrednosti



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Phase 2

Visioning: “Province Institute of Cultural Monument Protection”, “Directorate for Urban Construction of Bač Municipality”, “Tourist Organization of Bač municipality”, “Fund Centuries of Bač”, “Radio Bačka”

Turistička organizacija opštine Bač

KROZ BAČ_KA SREDNJEM VEKU

Srednjovekovna Bačka tvrđava sa podgrađem koja oslikava autentični ojvođanski način života sa raznovrsnom ponudom:

- tradicionalne kuhinje
- zanata
- narodne radinosti
- smeštaja u autentičnom ambijentu
- aktivnosti na i oko vode





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IMAGINATIVE LIVABLE PLACE – the process





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IMAGINATIVE LIVABLE PLACE

I conclude that **urban design**, seen as multidimensional process with subjective-imaginative dimension, has a **leading role in place making and “bringing life” into protected urban ambients**, making them liveable places. This process is supported by **other dimensions** regarding sustainable paradigm **where urban design and urban planning are overlapping**: communicative-collaborative, social-creative, decision making-integrative, technical-positivistic. **This overlapping area I call integrative urban design**

