

*International symposium  
24 to 26 may, Tours*

*Ecosystem services: their contributions and relevance in urban environments*

**Session 3 : What kind of cultural ecosystem services ?**

**What perceptible impact for the ecosystem services on the territory of Lyon ?**



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## Words of introduction



Context

**Goal**

Methodology

First part :

Different kinds of CES

A risk society

Natural ressources

CES in Lyon

Citizen's initiatives

Second part :

Representations and  
impacts of these CES

Citizen's values

A real coproduction ?

A possible evaluation ?

Conclusion

# Goal

- *To take a look at CES on the territory of Lyon*
- *To analyze citizens' movement and their vitality, creating themselves some CES*
- *Research : to adopt a reflexive posture on the Ecosystem Service*



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# Context

- *Different perception of nature in the history*
- *Benefit of the nature on human development (Roszak, 2001)  
(Bailly, 2012)*
- *For the well being and urban planning, public policies  
take hold of Ecosystem services*



# Methodology

- *Study the variety and the construction of citizens' initiative on the territory*
- *25 interviews, with participants of these initiatives, leaders, and institutional actors*
- *Participant observer : meeting, general meeting, gardening...*
- *Documentation review : charter, document guideline, convention...*



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## A Risk Society

- *Everyone is productor, actor and victim of the modern risk (U. Beck, 2001)*
- *Calculate risk and significance of statistics (D. Le Breton, 2012)*
- *Subjective risk and objective risk : gap between citizen's perception and institutional perception*
- *Era of reflection on the place of nature in city*



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## Natural ressources

- *Ecosystem services : benefit for human from the ecosystem (Clergeau, 2012)*
- *Simplification of the ecological reality ?*
- *Ecosystem services : direct and indirect consumption (Rankovic & al., 2012)*
- *ES = social and environmental construction*





## Cultural ecosystem service in Lyon

- *What the metropole is ? 58 municipalities, 1,3M resident.*
- *A strong environmental policy on the territory (parc, eco-garden, Lyon Sustainable City...)*
- *« This label is a way to identify enterprises, places which respond to criteria of sustainable development. A label which can give a good visibility to the local product, which encourage respect of the environment ». Official site, Grand Lyon.*
- *Different Ecosystem services are proposed*





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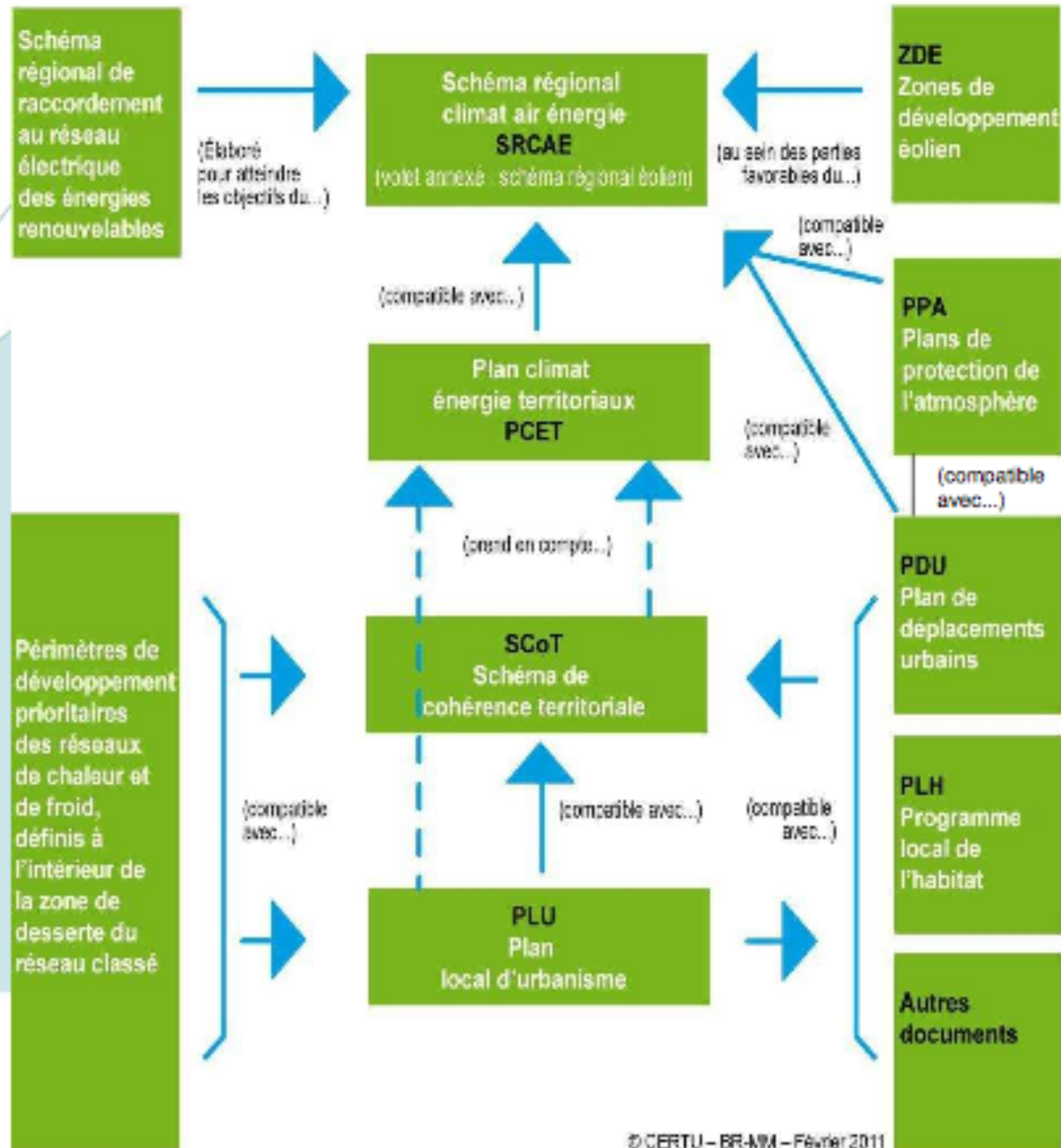
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## COORDINATION DES DÉMARCHES TERRITORIALES





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## Where are the citizens ?

- *No citizens in the decisions process*
- *But a help from the metropole for associations  
Eco-citizen engaged & Eco-citizen united*
- *A good way to reify notions like sustainable  
development, eco-citizen...*



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## Citizens initiatives

- *Ordinary citizens whom highlight values and actions connected to urban ecology*
- *These initiatives form a certain « environmental capital »*
- *They emerge out of decisional and democratic process, in a context of rise of environmental concern*



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# Citizens initiatives

Goal	Way	Example of action	
<b>Return of the nature</b>	Urban planning	Wilderness reutilization	Community garden
<b>Sustainable consumption</b>	Link city/ environment	Compost bin installation	Short circuit between citizens and agriculture
<b>Sustainable democracy</b>	Teaching method	Online forum to give citizens a way to debate	Formation at the stakes of sustainable development
<b>Economy of energy</b>	Technical devices	Sustainable building	Shared energy



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## Citizens initiatives



- Installation of compost bin in the city, training, animation for citizens
- Produce a natural amendment, reduce weight of waste, encourage social and responsabilisation



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## Citizens initiatives



- Community gardens : use of wilderness own by city, to promote nature, agriculture, natural growth...
- Convention of occupation : « We have a convention with city, associate to right and duty. It has to be renewed every year ». (Associative, Grattons les Pentes, décembre 2015)
- An Ecosystem service which offer non material benefit



*Lyon 2 : Gardens  
with  
opening hours*



*Lyon 7*






*Lyon 7*

*Lyon 3 :  
gardens with  
opening hours*





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## Citizen's values

- *A different representation of nature in city : « In my personal project, i want to do permaculture, that's why it's a little messy in the gardens. I like wild nature, plants which growth without our permission. To keep that is diversity. These wild plants are useful to attract insect too. » (Associative, Graines de Lait, february 2016).*
- *Hacking space : « We sometimes do hacking. A small area, unused for a long time, and we need space for a compost bin, so we install it without permission ». (Associatif, Les Compostiers, march 2015).*
- *To be a citizen : participation, solidarity, implication in the life of the city (Urry, 2005)*
- *Makers (Anderson, 2012)*



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## A real coproduction ?

- *Difficulty of communication : « In 6 years, we had only one appointment with the vice-president elected for managing waste on Lyon, and we saw him 30 minutes. » (Associatif, Les Compostiers, may 2015).*
- *« We want a coconstructed project, with technician, institutional actor... But we can't have answer, meeting where we can work together ». (Associative, Les Compostiers, april 2015).*
- *Citizens with a green rationality*



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## A real coproduction ?

- **Different timelines** : « Local institutions are slow by nature, even if there are change, evolution. We have to manage these process, we need a lot of validation. They try to be reactive, but they are not always... » (Associatif, Aremacs, july 2015).
- **A permanent confrontation ?**  
« In Marseille, the village (Alternatiba) was forbidden just before the event, by the mayor. Every city services were ok, but the decision was to cancel it. Finally, with the pressure of civil society and some institutional actor, the mayor accepted, but with change in the emplacement ». (Alternatiba, October, 2015).



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## A possible evaluation ?

- *Difficulties to determine benefit of actions*
- *Externalities / passive effects on well being, on the landscape*
- *A human experience and a way to learn : « it's the occasion to touch, to feel the earth, to live experience, to be in green spaces. We also made picnic together, when we have potatoes for example. We taste the honey and distribute it to who want some. » (Associative, Grattons les Pentes, december, 2015).*



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## Conclusion

- *A real production of Ecosystem services, by citizens, with multiple effects : human, regulation, social, learning...*
- *Question of evaluation for these CES*
- *An economic way to promote a city, and to enhance urban planning/ local and politic actor*
- *Inequality in these initiatives : built by a category of citizens*



