



*The Russian funding agency
National Center for Scientific Research*



*Russian Academy of Sciences
University of Le Havre*

*Metropolisation and urban network
Bilateral scientific seminar*



Build up the sustainable city

*Urban planning
Management*

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« Identities and Differentiation of Space, Environment and Society »

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The main themes

- Territorial appropriation ;
- Adptability of materials and urban equipments and fournitures ;
- Decrease the energy consumption ;
- Green transportation ;
- Solidaraity and social link ;
- Wastes management ;
- Biodiversity in the city ;
- Relations with suburban agricultural lands ;
- Relations with suburban natural areas.



Territorial appropriation



A « good » urbanism ?



**Protected Unesco area !
What difference ?**



Searching singularity and identity of place !

Promoting the feeling of belonging to a neighbourhood





Ameliorating urban fournitures

Supporting the urban renewal philosophy !



Adaptability of materials, urban equipments, and furnitures





Using other building materials



Partly or entirely wood house and local tree variety fences

Raining water collector



Bad raining water management



Better raining water management





Green car parks

More specific bicycle parks



Decrease the energy consumption of the cities





Triple glass



Double flux

Timber boiler



Solar roof





COMPLEXE SPORTIF LIXENBUHL

JIT KIN

Shadow roofs



Green roof



Promoting green transportation, and ways



Specific green ways



Reserved roads







Solidarity and social link





More green areas

More children playgrounds with simple materials





Convivial and cross generational spaces

Family gardens & working class gardens



Biodiversity in the city



Dry stone wall for the observation of insects and little reptils



« the living wall »



Wastes management



Wastes collectors for each housing



Promoting integration into the landscape



PAPER



Protégez

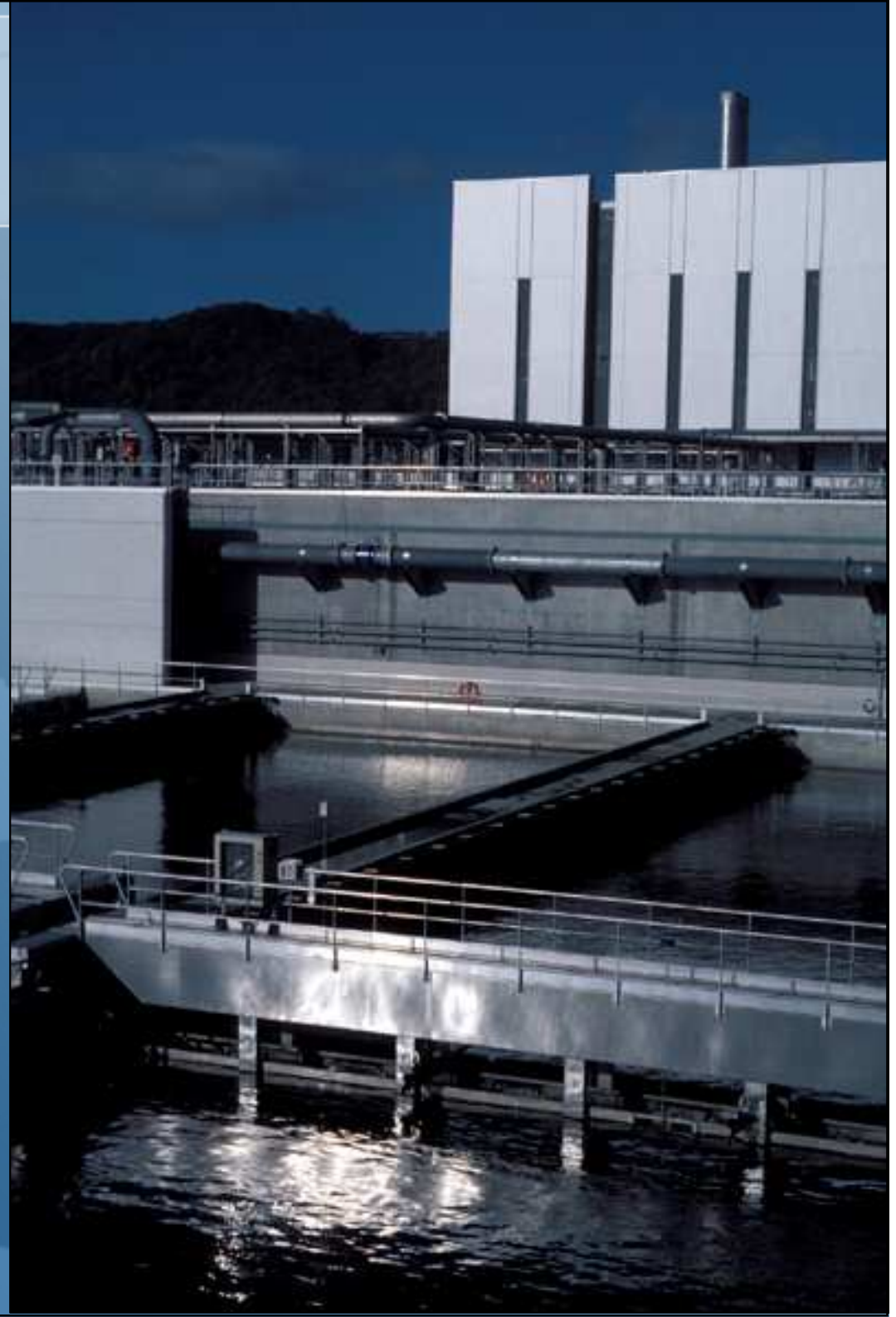
l'environnement

en recyclant vos déchets

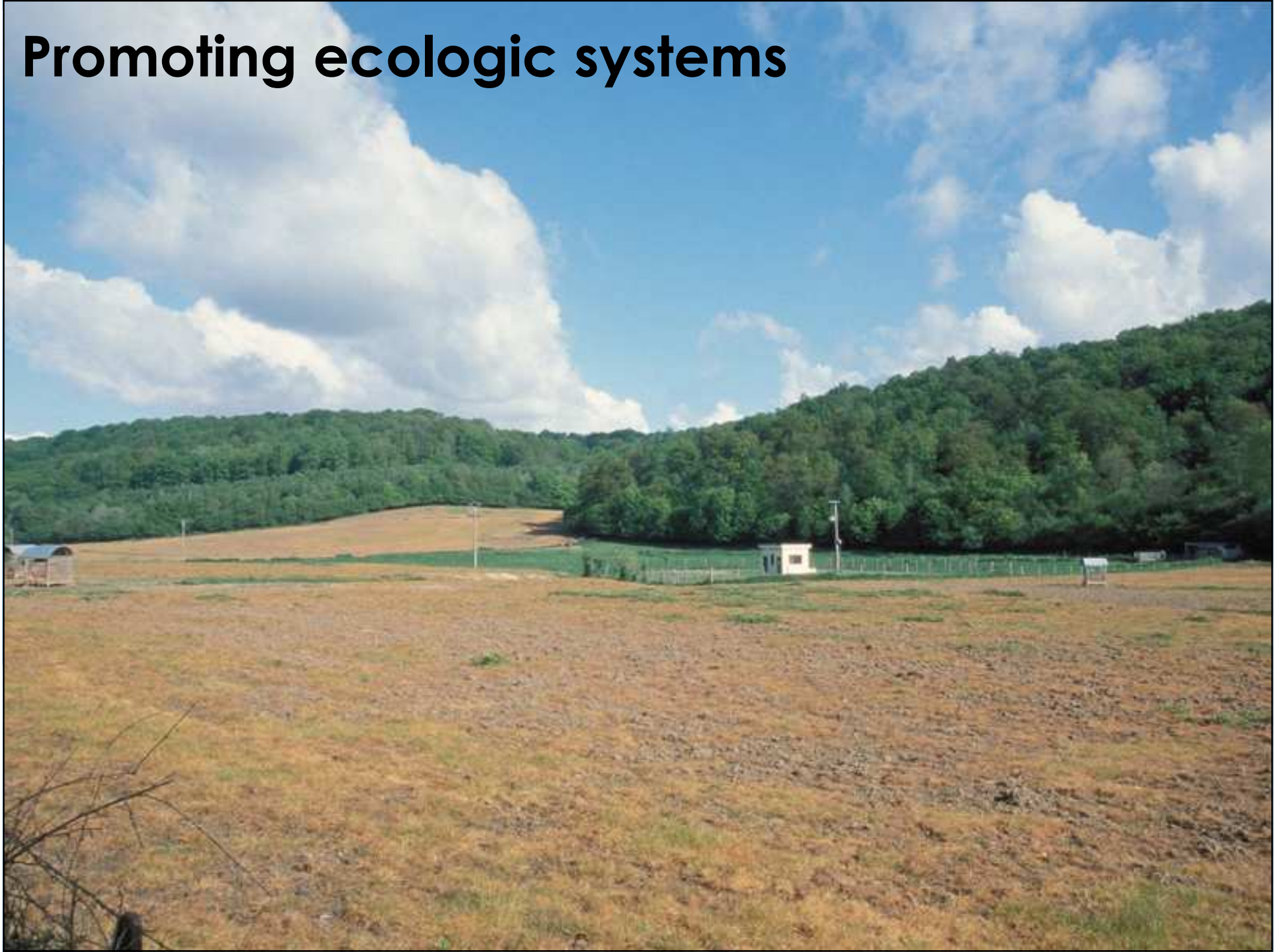
Espace de propreté



Waste water management



Promoting ecologic systems



Relations with suburban agricultural lands



No bordeline between towns and agricultural areas





Prohibiting no man's lands

Promoting short economic circuits



Relations with suburban natural areas





Natural spaces are not urban parks



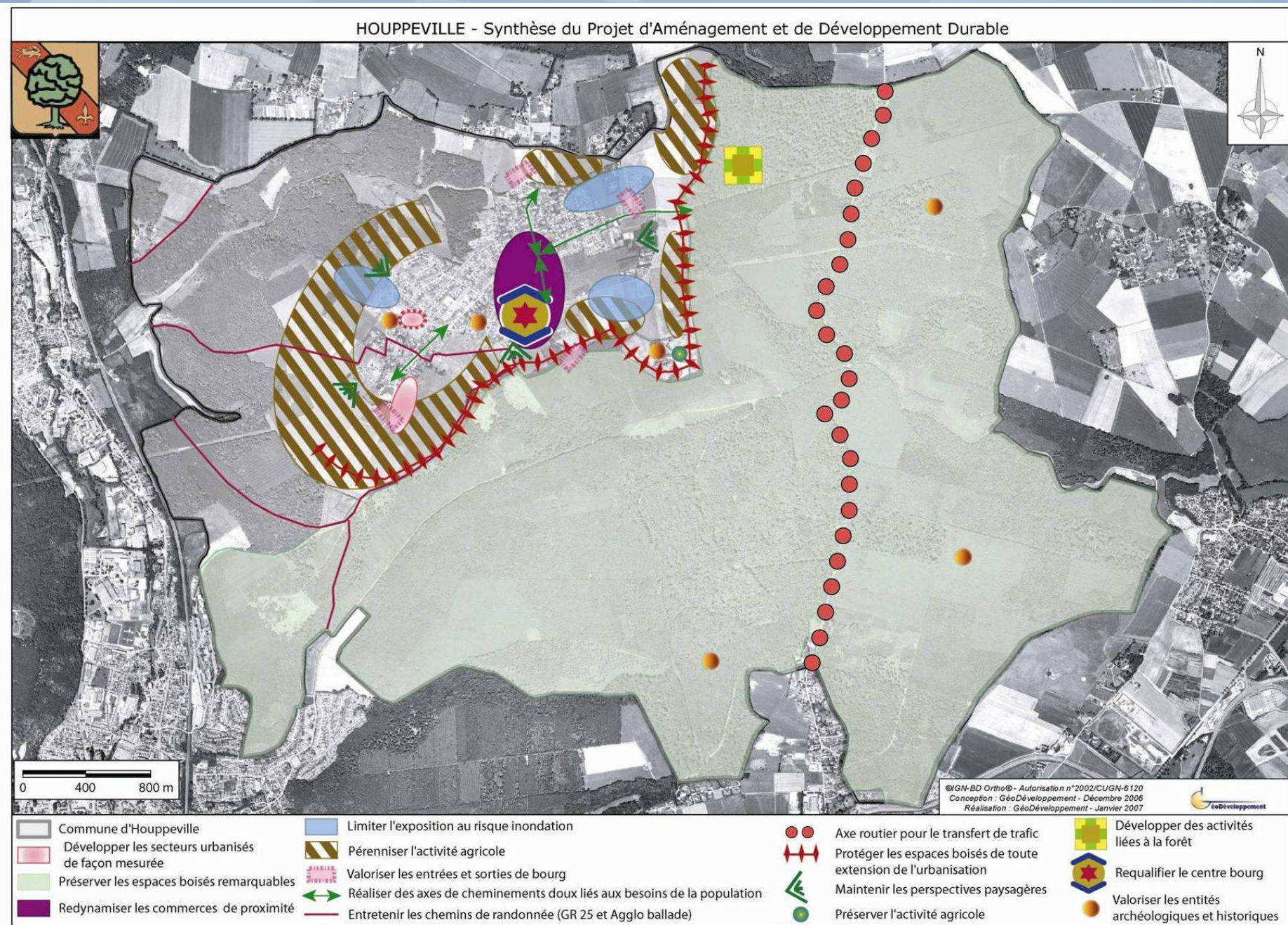
To begin a new conquest of suburban natural areas

Build the livable city !

1. Stimulate the citizen involvement ;
2. Decrease only short term visions ;
3. Educate the municipalities for a better integration of inhabitants in neighbourhood planning process ;
4. Really introduce sustainable development in master plans.



One objective of the « GDRI » ?



Thank you for your attention...

