



Sustainable development and biodiversity Initiatives of the territory of Angers

WELCOME TO ESSCA STUDENTS
AND THEIR TEACHING FELLOWS

April 2017

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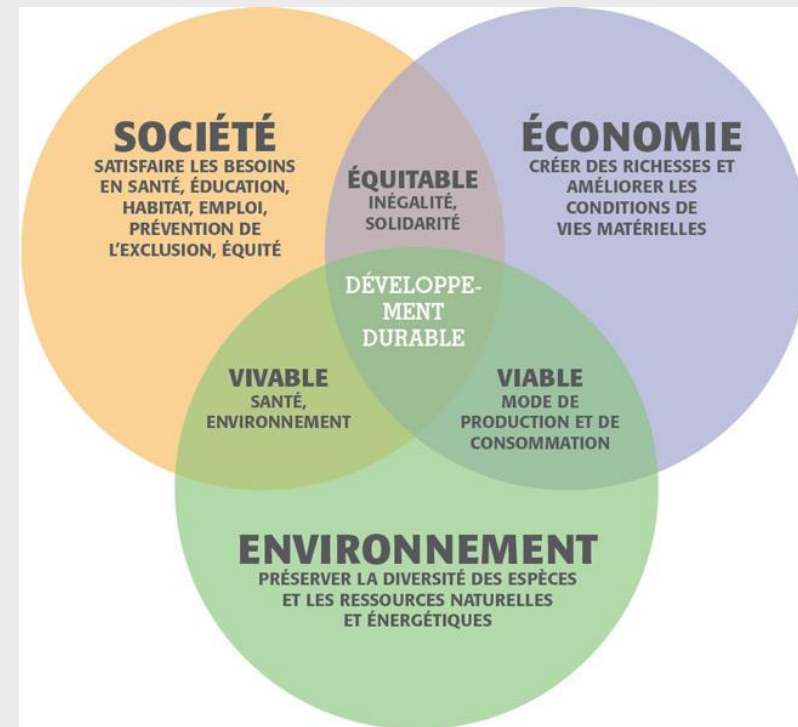
angers loire
métropole
communauté urbaine



Sustainable development...

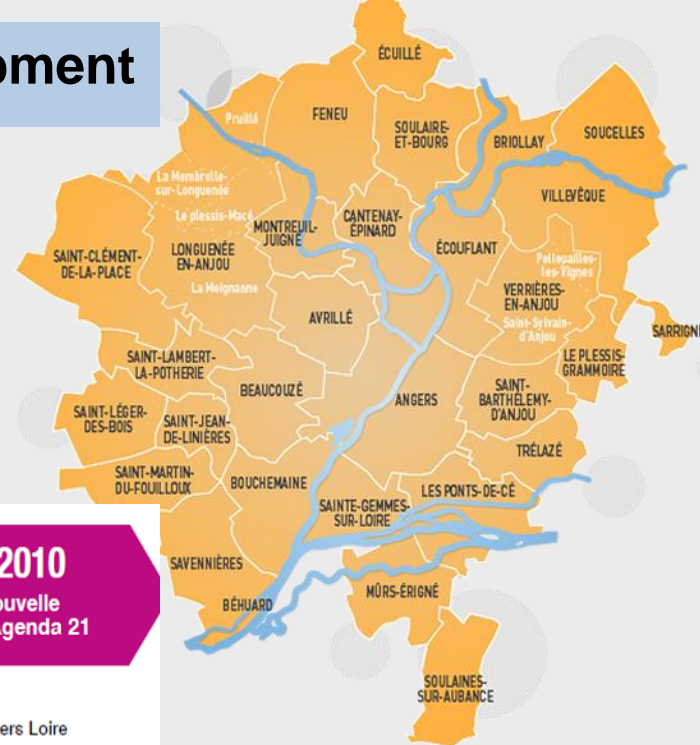
A mode of development which responds to 5 main issues

- Fight against climate change
- Preservation of biodiversity
- Responsible modes of production and consumption
- Blossoming of Everyone
- Social cohesion and solidarity



The territory of Angers and sustainable development

- A green identity
- A precursory engagement



DÉBUT 1990

Un engagement
precursur

1992

- Adoption d'une charte sur l'écologie urbaine
- Présence dans la délégation française du Sommet de la terre de Rio

1996

- Signature de la charte d'Aalborg

FIN 1990

Le projet
« Angers Ville durable »

1999

- Création de la mission développement durable
- Programme expérimental avec l'ADEME

2000

Les premiers
Agenda 21

1999 2001 2004 2008

- Agendas 21 de la Ville d'Angers

2002

- Rencontres nationales du développement durable

2006

- Agenda 21 d'Angers Loire Métropole

DEPUIS 2010

Vers une nouvelle
génération d'Agenda 21

2008

- Bilan carbone © d'Angers Loire Métropole

2011

- Adoption du Plan Climat Energie Territorial 2011-2014

2012

- Bilan des Gaz à Effet de Serre réglementaire et du Plan Climat Energie Territorial

- 1^{er} rapport annuel du développement durable (Ville d'Angers et Angers Loire Métropole)

- Mise en œuvre de l'Agenda 21 des cultures

2014

- Agenda 21 Biodiversité

2015

- Evaluation du Plan Climat et bilan des gaz à effet de serre réglementaire



La Maison de l'Environnement and sustainable development

A service which coordinates and animates the policy of the borough in the fields of the environment and sustainable development.

22 years of action

8 agents

2 programmes of annual animations

8 000 visitors in 2015

4 100 m² of approved garden

animer

accompagner

sensibiliser

mobiliser



The actions axes

- A service axed on biodiversity and sustainable development.
- An innovative service to accompany behavioural change.
- A more visible service which adds to the appeal of the borough.

Structuring Projects

2 priorities

- Biodiversity
- Energy and Climate Transition

An annual sustainable development report to summarize the policy carried out and to evaluate actions



Structuring projects

THE TERRITORIAL CLIMATE ENERGY PLAN

A plan of actions for 2011-2014

The axes of actions

- Angers setting an example

Eg : public purchases, teleworking, energy management of buildings and public lighting, mobility, habitat, ...

- Raising awareness, mobilisation of participants and animation of the territory.

Eg : actions aimed at a young audience, agents, residents, one single booth for participants, ...

- Action to reduce emissions

Eg : Support for a changing economy (building professionals, circular economy, ...), eco-conditionality, ...

2015/2016 : greenhouse gas assessment, evaluation and reflection on the 2nd plan of action

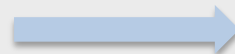
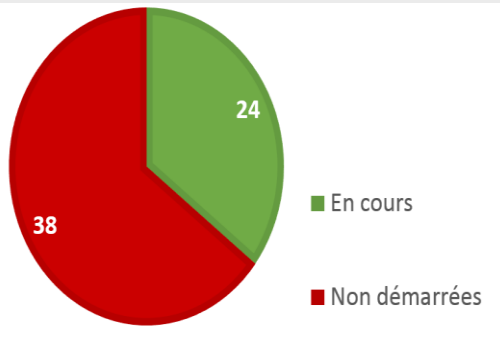


An actions plan for 2014-2020



The axes of action

- Knowledge of the territory and of its biodiversity.
E.g. : inventories, participative science and highlights, ...
- Development of services which biodiversity brings
E.g. : discovery itineraries, urban agriculture, ...
- Integration of biodiversity in development projects
E.g. : green and blue framework, 0 pesticides
- Taking into account of the biodiversity in the animal and vegetable production industries, research
E.g. : training, plant selection and new varieties, ...



62 actions

Examples of Actions

Climate Energy

The Biscottes Recycling centre

A welfare-to-work programme to collect reusable waste, put it to good use and to resell it in shops.

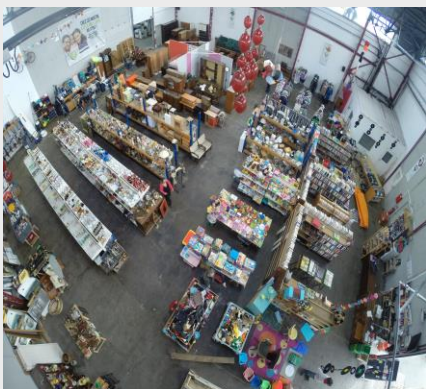
Objectives:

- Creation of Jobs
- Reduce of the volume of waste put into landfills
- Allow people in difficulty to obtain materials at a low price



*2 000 / 2 500 visitors
each week*

**369 tons of waste
collected in 2015 : 29% of
which has been reused**



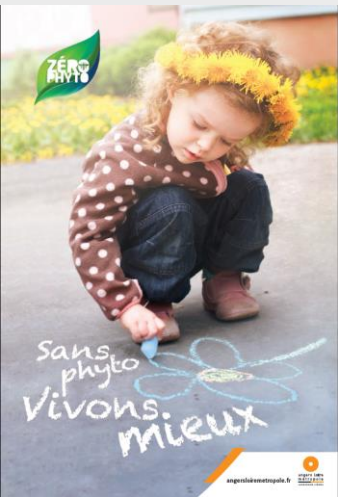
- ➔ 3 Angers Loire Borough collection points reserved by agreement: 50 to 60% of the tonnage collected
- ➔ Pro Recycling Centre aimed at businesses, local authorities and associations
- ➔ Partnerships : artists and creative people, tool hire bank, exchanges of practices and visits.

The 'zero pesticides' actions programme

A programme of actions to facilitate the application of future legal obligations

Objectives

- Support the territory's communities
- Facilitate and reinforce new practices
- Raise awareness to individuals
- 3 workshops envisaged for 2016



1st workshop : 35 participants and 16 boroughs represented



- ➔ Agents of the communities : 2 exchange workshops and a training session in recognition of wild flowers and weeds
- ➔ Residents : display and explanatory flyer campaign, 'herbs in the city' exhibition

EXAMPLES OF ACTIONS

Culture – citizenship

The Citizen Day

A day of mobilising residents in favour of collective and interdependent operations

Objectives

- Get people from Angers involved in citizen actions
- Improve the framework of life and the environment of people from Angers by engaging the latter for one day



450 participants in 2015.....650 in 2016

Actions in the whole of the town : repair café, participation in counting collections at the Fine Arts Museum, raising awareness about food waste, picking up of litter on the banks of the river Maine,

EXAMPLES OF ACTIONS

Exemplarity of the authority

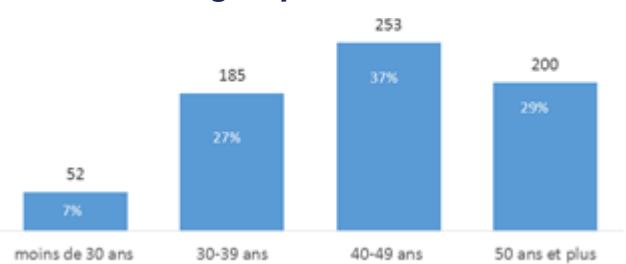
The managerial plan to fight against discrimination and for equality

A positioning and joint work plan in the City of Angers, the CCAS and the Angers Loire Borough

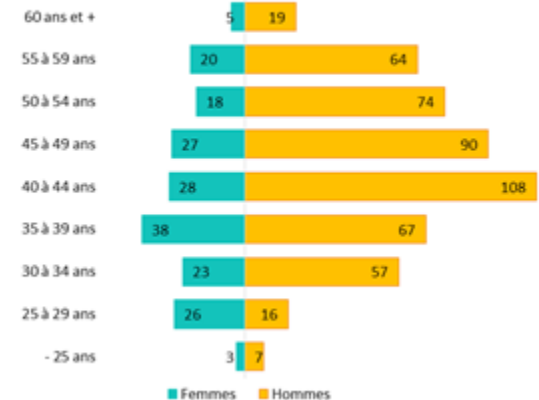
Objectives

- Inform and fight against all forms of discrimination, guarantee equality in the authority
- Develop a collective and interdisciplinary approach

Angers Loire Borough : division by age group in 2015



Angers Loire Borough : men / women division in 2015



- ➡ 6 work groups put into place in 2013
- ➡ 14 actions in progress out of 32 : decasualisation of agents, accessibility, professional routes, conciliation of professional and personal time, ...
- ➡ Authorities created : follow-up committee, consultative group, watchdog and referring agent

Perspectives and Reflections

Sustainable development report

- Integration of actions of the boroughs and other partners (local dynamic)
- Joint report to the 2 authorities (readability)
- Link with the objectives of the 2016-2030 territory project and work on indicators

Climate Energy

- 2nd plan of actions : reflection on the perimeter and the internal process
- New actions : diagram with guide of the heat networks, unity of purification of biogas issued from the treatment of the sludge of waste water, ...

Biodiversity

- Local dynamic with the boroughs (floristic assessment of the territory, exchange workshops, ...)
- Continuing of the implementation of a plan of actions.

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- <http://www.angers.fr/vie-pratique/vie-quotidienne/environnement/la-maison-de-l-environnement/presentation/index.html>
- <http://www.angersloiremetropole.fr/projets-et-competences/developpement-durable/>

Sustainable development reports

- Ville d'Angers : <http://www.angers.fr/vie-pratique/vie-quotidienne/environnement/developpement-durable/le-rapport-developpement-durable/index.html>
- Angers Loire Métropole : <http://www.angersloiremetropole.fr/projets-et-competences/developpement-durable/le-rapport-developpement-durable-annuel/index.html>

ALM Floral Assessment and Angers leaflet

<http://www.angersloiremetropole.fr/index.php?id=10942>