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EPRUMA/Slovak Presidency of the EU 13 October 2016 Workshop

ECOANTIBIO

the French national plan to reduce the risks
of antibiotic resistance in veterinary
medicine

Bruno Ferreira,
French Ministry of Agriculture,
Agrifood and Forestry

ÉCOANTIBIO

RÉDUIRE L'UTILISATION DES
ANTIBIOTIQUES VÉTÉRINAIRES

REDUCING ANTIBIOTIC USE IN VETERINARY MEDICINE



Five-year objectives 2012-2016



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The écoantibio 2017 plan
advocates cautious, rational antibiotic use
and is hinged around :

Quantitative objectives :

**Reduce antibiotic use in veterinary medicine
by 25% in 5 years** : only strictly necessary and appropriate
amounts should be prescribed and administered to animals.

Qualitative objectives :

Focus particularly on reducing the use of critically important
antibiotics in veterinary medicine and, in particular, fluoroquinolones
and third and fourth-generation cephalosporins.



Contents

5 axis, 40 measures



NATIONAL ACTION PLAN **FOR THE REDUCTION OF THE RISKS OF ANTIBIOTIC RESISTANCE IN VETERINARY MEDICINE**



écoantibio2017

Réduire l'utilisation des antibiotiques vétérinaires :
diminuer, c'est possible

The écoantibio2017 plan

5 priorities
40 measures

Promote **best practices** and **raise awareness** among the stakeholders involved

Develop **alternatives** to antibiotic use

Reinforce the **regulation of commercial practices** and prescribing rules

Improve the **system for monitoring** antibiotic use and antibiotic resistance

Promote the **same approach** on a **European and international scale**





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The key points

Mobilizing all stakeholders i.e. policy makers, vets, farmers, scientists and risk assessors, pharmacists, the pharmaceutical industry, public opinion including all animal owners

Improving livestock farming practices i.e. hygiene, farm building maintenance, animal health monitoring, animal welfare

Reinforcing partnerships between prescribers and animal owners

Promoting prevention and alternatives such as vaccines





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The key points

Ecoantibio plan is part of a wider context covered by the Ministry of Agriculture, which is the agro-ecological project.

The agro-ecological project needs to meet the many challenges that French agriculture is facing : competitiveness, climate change, global health security, preservation of natural resources, food quality and safety, reduced use of chemical inputs.

Ecoantibio is also part of a wider approach with the Ministry of Health in a « One Health » approach. A common roadmap on human and animal health is to be adopted soon.



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Ecoantibio's partners

The Ecoantibio plan is a public policy coordinated by the Ministry of Agriculture, Agrifood and Forestry.

However, many other partners from both the public and the private sector have been involved since the outset. Over one hundred projects funded by Ecoantibio have been implemented or financially supported by Ecoantibio's following French partners :

- Agency for Food, Environmental and Occupational Health Safety (ANSES) /
- Agency for Veterinary Medicinal Products (ANMV (part of Anses))
- National Society for Veterinary Technical Groups (SNGTV)
- Ministry of Environment, Energy and the Sea (MEEM)
- Ministry of Social Affairs and Health (MASS)
- Association for Animal Health Industry (SIMV)
- Animal Health Protection Organization (GDS France)
- Association of Coordination of the Agricultural Technical Institutes (ACTA)
- Statutory Body of Veterinarians (CNOV)





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What have we done so far?

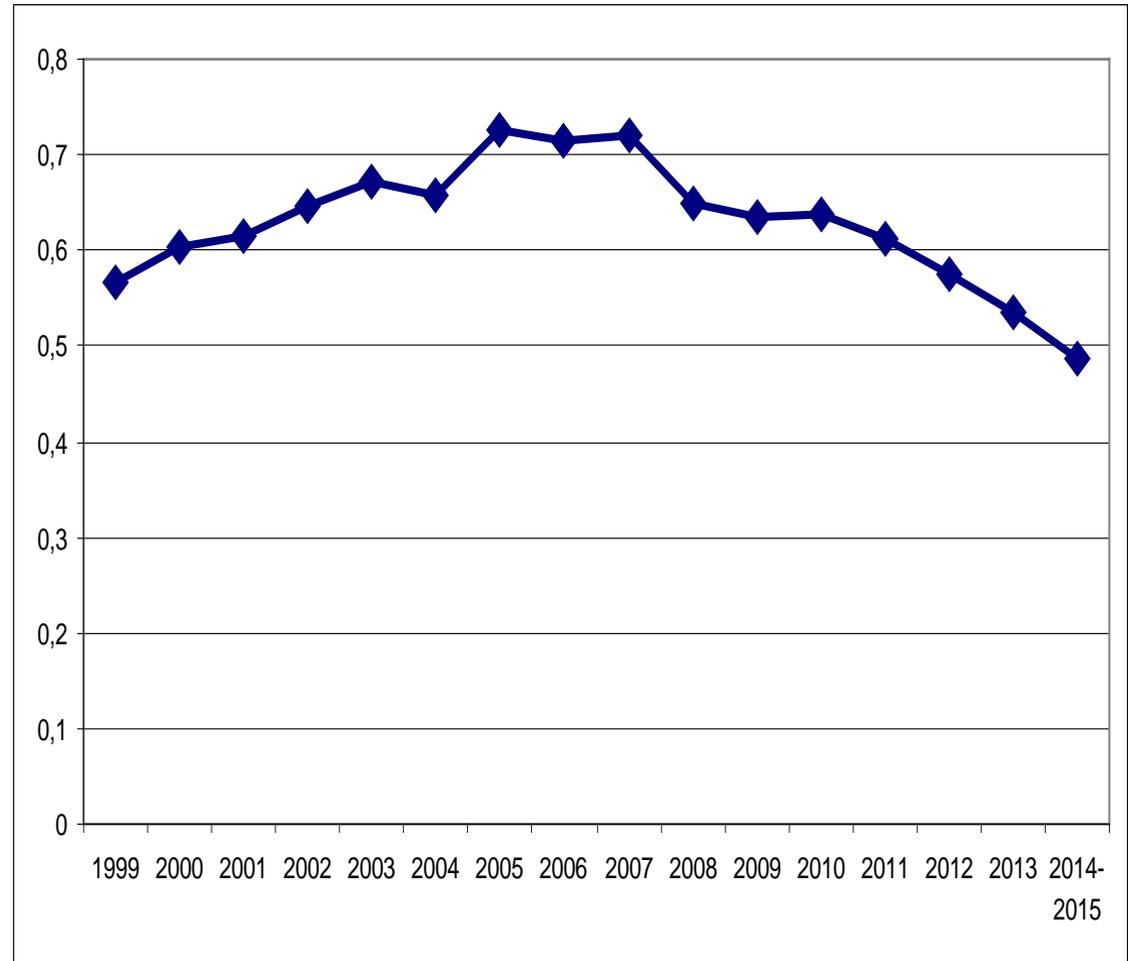
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Animal level of exposure to antibiotics decreased between 1999 and 2015



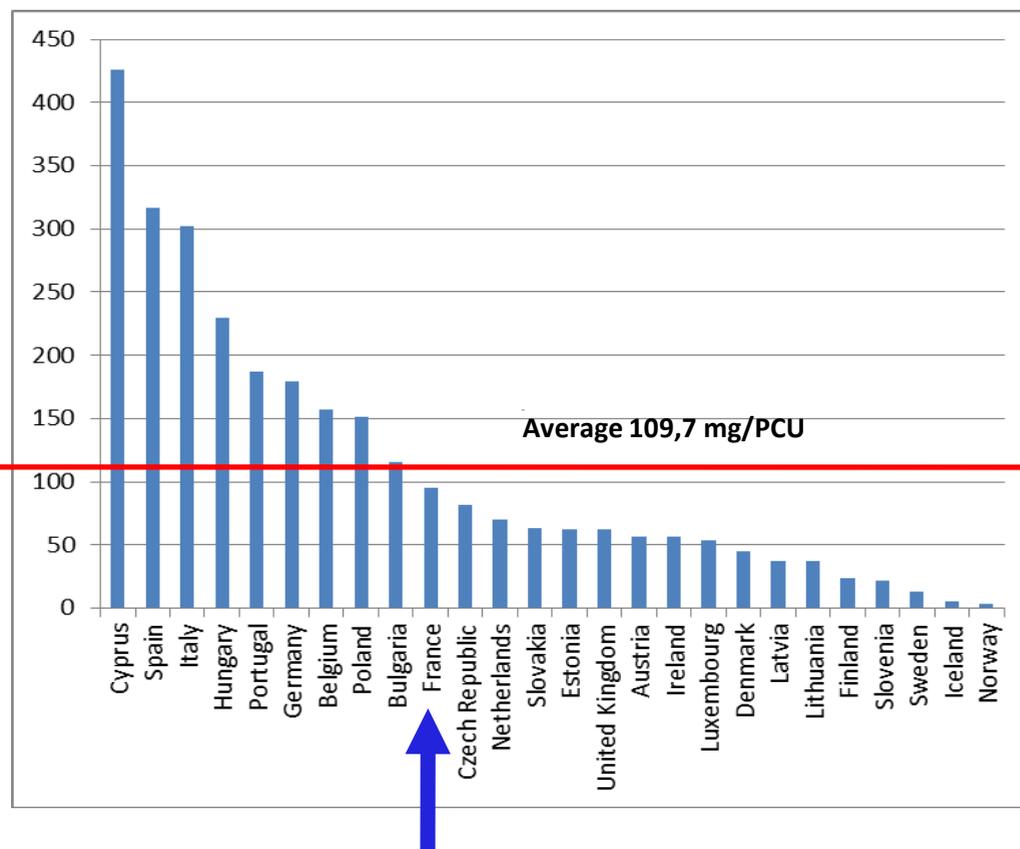
**ALEA 2015 is
-20.1%
compared to
ALEA2011**



ESVAC Report 2014

about 2013

are below the European average





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Ecoantibio is much more than numbers

Public awareness Information
Communication

Initial and in-service **Training**

Innovation **Research**

Funding Support

Coordination **Mobilization** Dialogue

Consultation

Regulations

Incentives

Lobbying





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Multiple actions to raise awareness about the rational use of antibiotics and the risks of antibioresistance

actions for farmers working in different sectors

led by or done with the support of the French Animal Health Protection Organization (GDS France) as well as the agricultural technical institutes (ACTA)

actions for veterinarians

led by or done with the support of the following partners : veterinarian associations (SNGTV, AFVAC, AVEF) and the Statutory Body of Veterinarians (CNOV) : Good practices guides, notes on diseases, web site...

In 2016 : the sanitary visit for bovine breeders on AMR and ABTuse : 169 000 breeders will be visited on this issue





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Initial and in-service training for the main actors

For future farmers with a new course in high school
*Action led by the General Direction for Teaching
and Research (Ministry of agriculture)*

For farmers

*Actions led by French Animal Health Protection
Organization (GDS France)*

For veterinarians

*Actions led by veterinarian associations (SNGTV) and
General Directorate for Food (DGAL). Example :
development and communication of Good Antibiotics
Prescription Practices (guidelines by disease)*





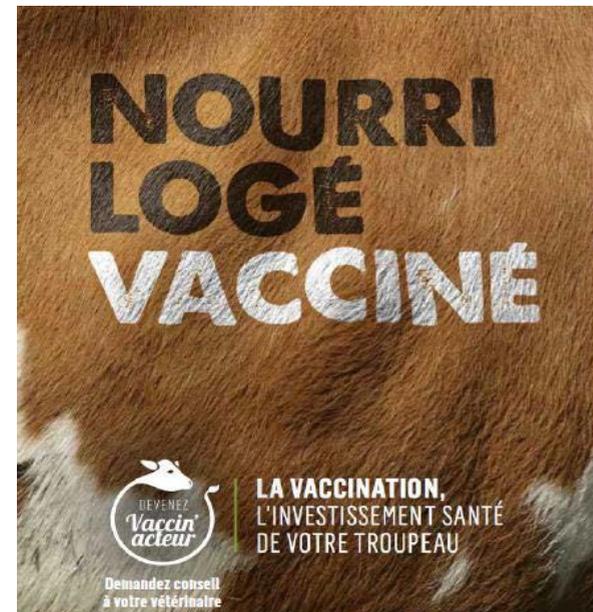
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Communication campaigns for farmers and the public

« *Antibiotics are not
automatic – for us either* »
with the French Statutory Body
of Veterinarians (CNOV)

« *Fed, Accommodated,
Vaccinated* »

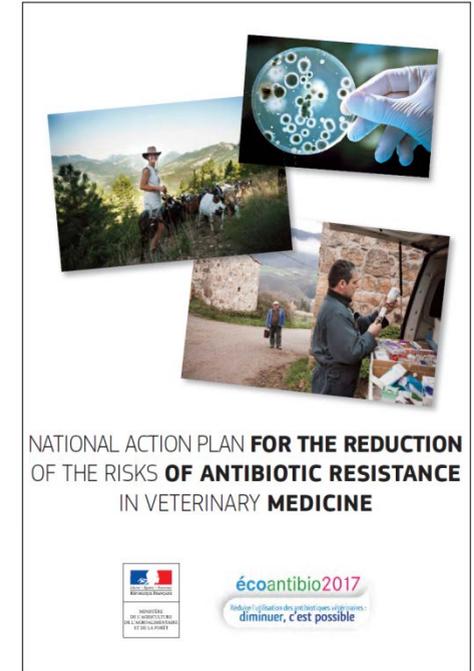
with veterinarians unions and associations (OPV),
the French Animal Health Protection Organization
(GDS France) and the Association for Animal
Health Industry (SIMV)



Promotion of the French approach at the UE et the international level

Regular presentations
of Ecoantibio (as today for example)

French proposals and defense
of our position : lobbying/negotiation/initiatives
to UN, OIE, FAO, WHO, G7, OECD, others MS,
UE (Consilium, Commission, Parlement)





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One new law and several new statutory texts have entered into force to restrict the use of antibiotics

**FOCUS ON the decree about
critically important antibiotics**
(entered into in force on April 1st, 2016)



Objectives

- **To reduce the inadequate use of critically important antibiotics** : Preventive use is forbidden. Curatif or metaphylaxis uses are under condition.
- **To avoid the use of critically important antibiotics whenever other medicines/antibiotics can be used successfully**
- **To reinforce the diagnosis set by the veterinarian**
- **To target some critically important antibiotics** :
 - . 3rd and 4th generation cephalosporins
 - . fluoroquinolones
 - . some antibiotic families such as carbapenems, which should be used only to treat human diseases



How can critically important antibiotics be prescribed?

- **A clinical examination or necropsy must be made**
- **A sample must be taken** (if possible) to identify the pathogenic bacteria
- **An antibiotic sensitivity test must be made according to 2 AFNOR rules** (NFU47-106 et NFU47-107)
- **According to the results, a critically important antibiotic may be prescribed only if it is proved that any other antibiotics would be inefficient**
- **In case of emergency** : the critically important antibiotic may be prescribed before the results of the antibiotic sensitivity test are known; the prescription is adapted within 4 days according to these results.
- If a critically important antibiotic has been prescribed, all the related results (of clinical examination or necropsy and antibiogram) must be stored by the veterinarian for 5 years



Heavy international activities on AMR

United Nations : Political declaration of the High-level Meeting on the General Assembly on AMR, September 2016

G20 Summit : Leaders Communiqué on AMR, China, September 2016

Codex Alimentarius Commission : Initiative to review and update standards, codes and guidelines related to AMR, September 2016

EU Council : Conclusions on the next steps under a One Health approach to combat AMR, June 2016

G7 Agriculture Ministers: Meeting Declaration Combating AMR, Japan, April 2016

WHO : Global Action Plan on AMR, adopted in May 2015

FAO : Resolution on AMR, adopted in June 2015

OIE : Resolution combating AMR and promoting prudent use of antimicrobial agents in animals, adopted in May 2015

FRANCE Positions at international and EU level

Before all international initiatives FRANCE has transmitted its essential positions :

- need to have an AMR Plan in each country with actions in line with WHO/OIE/FAO guidelines
- need to ban antibiotics used as growth promoters

At UE level, French essential positions are :

- the EU requirements imposed on animals imported from third countries must be identical to those applicable to foodstuffs from those countries.
- EU law : internet sales of veterinary medicines subject to prescription (in the buyer's country) must be prohibited.





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Conclusion

First results of French Ecoantibio plan

Quantitative results in 4 years (2012-2015) = in the right direction due to the commitments of vets and breeders : - 20 % (all antibiotics), - 21% critical antibiotics, -25% colistin

Qualitative results = most of the 40 measures of the plan have been launched and efforts should be stepped up to get long-term results. So **Ecoantibio2** is foreseen from 2017

A major global issue of public health to take up...

...so the solution is global and collective under the « One Health » concept





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Thank you for your attention

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