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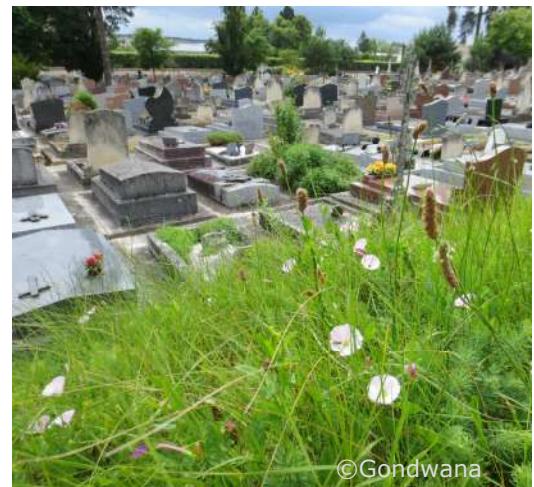


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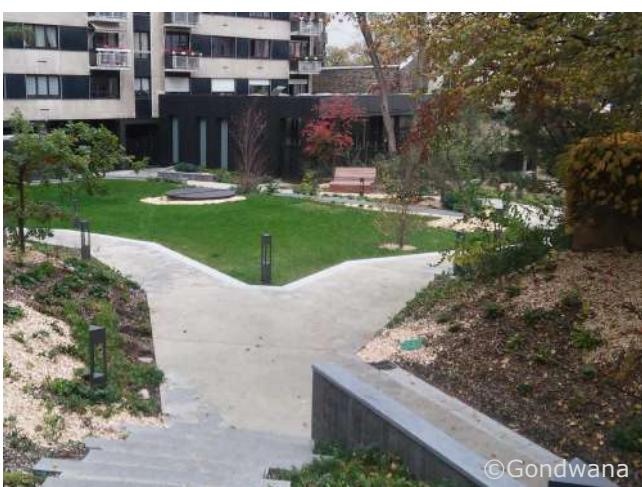


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## THE PESTICIDE-FREE TOWNS : CREATIVE WAYS FOR HEALTHIER LANDSCAPES



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## SHORT BIO

### Caroline GUTLEBEN



- Engineer from the French Public Institute of Landscape and Horticulture
- Specialized in plant protection and pesticide-free practices.
- Since 2006, director of Plante & Cité (NGO), the french technical center dedicated to research and studies on landscape, urban greening and nature in cities.

#Ecological practices for open space maintenance  
#Nature-based solutions for renaturing cities  
#Plants diversity towards climate change and biodiversity loss  
#Soil protection and ecological urbanism

# PESTICIDE-FREE TOWNS : WHY IS IT ESSENTIAL ?

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Jardin des Grands Moulins City of Paris | © Ville de Paris



► DRIVING BIODIVERSITY POLICIES AT LOCAL SCALE

28th march 2022

Webinar « Pesticides –free towns »

# PESTICIDE-FREE TOWNS : WHY IS IT ESSENTIAL ?

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Jardin le Miroir d'Eau, City of Bordeaux | © Sandrine Laramandy



## THE ROLE OF PUBLIC OPEN SPACES ON PEOPLE'S HEALTH

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# WHY IS IT POSSIBLE ?

# ⇨ A SET OF ALTERNATIVES

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Sodding  
Mowing



Mechanical,  
manual, thermic,  
weed control  
methods



Mulching  
Planting



Trapping with  
kairomons



Enhancing  
biodiversity



Biocontrol  
solutions



# WHY IS IT POSSIBLE ?

# CHANGE OF PEOPLE'S PERCEPTION 6

Belles de Bitume | © Frédérique Soulard

<https://www.frederique-soulard-contes.com/belles-de-bitume>

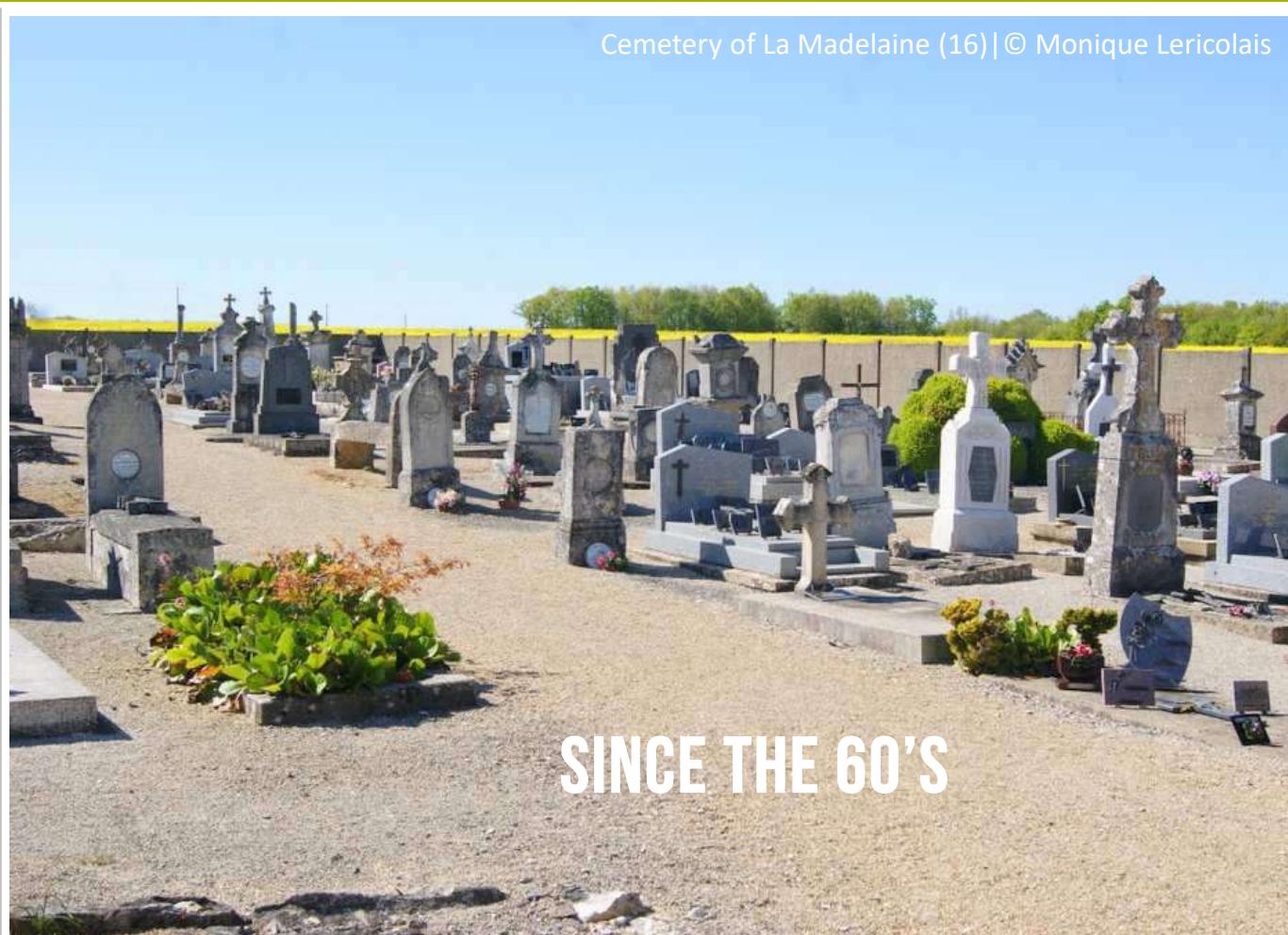


# WHY IS IT POSSIBLE ?

## QUESTION THE HABITS



BEFORE THE 60'S



SINCE THE 60'S

# WHY IS IT POSSIBLE ?

QUESTION THE HABITS

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Cemetery of Durtal (49) | ©Agence Talpa



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# WHY IS IT POSSIBLE ? ↗ BRING TECHNICAL SUPPORTS AND INSPIRING EXAMPLES

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<https://www.plante-et-cite.fr/ressource/fiche/640>



# WHAT ELSE ?

# BEYOND PUBLIC OPEN SPACES <sup>10</sup>



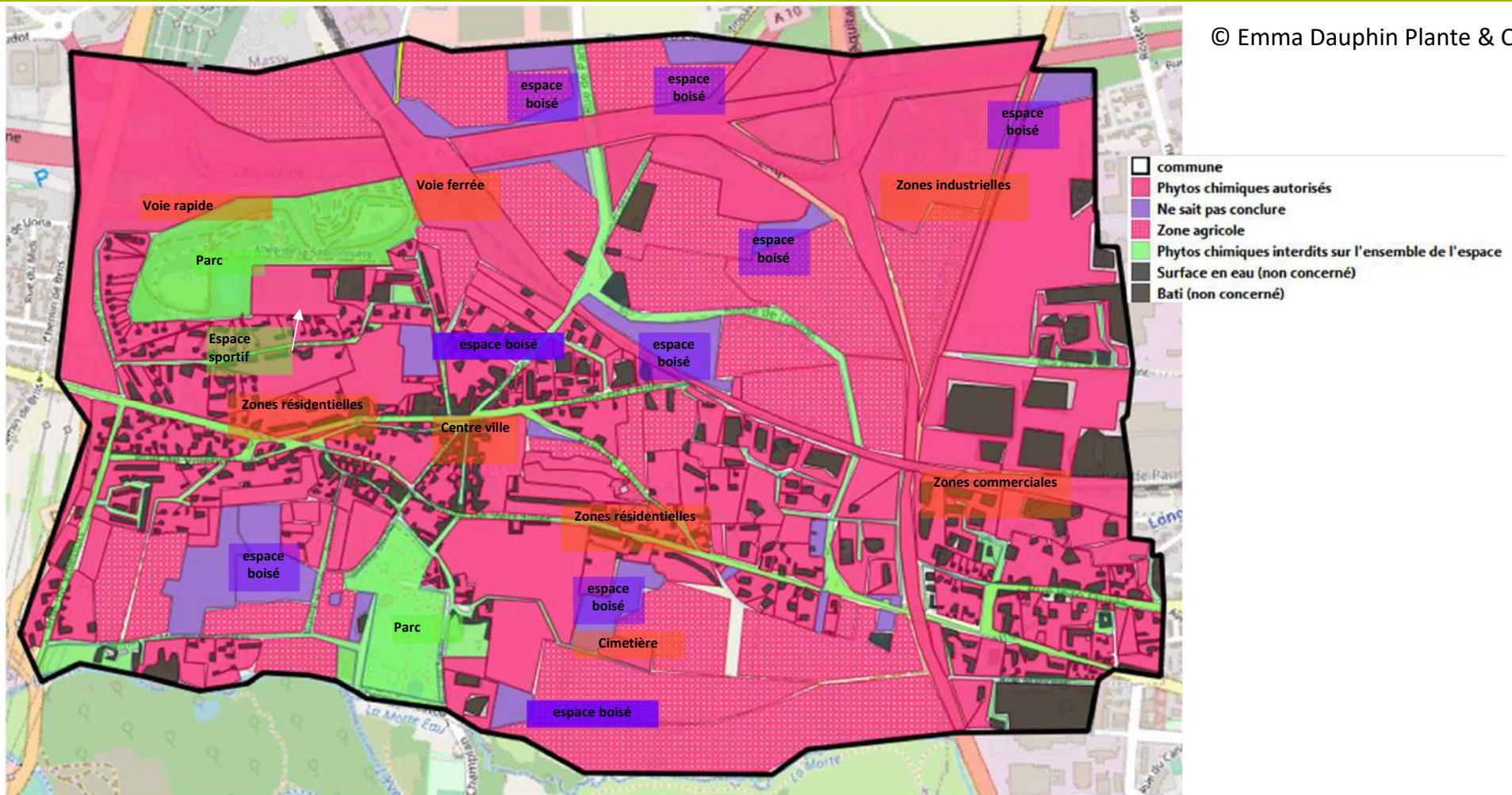
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# WHAT ELSE ?

# BEYOND PUBLIC OPEN SPACES 11



Actual regulation  
on pesticide  
in France  
since 2017



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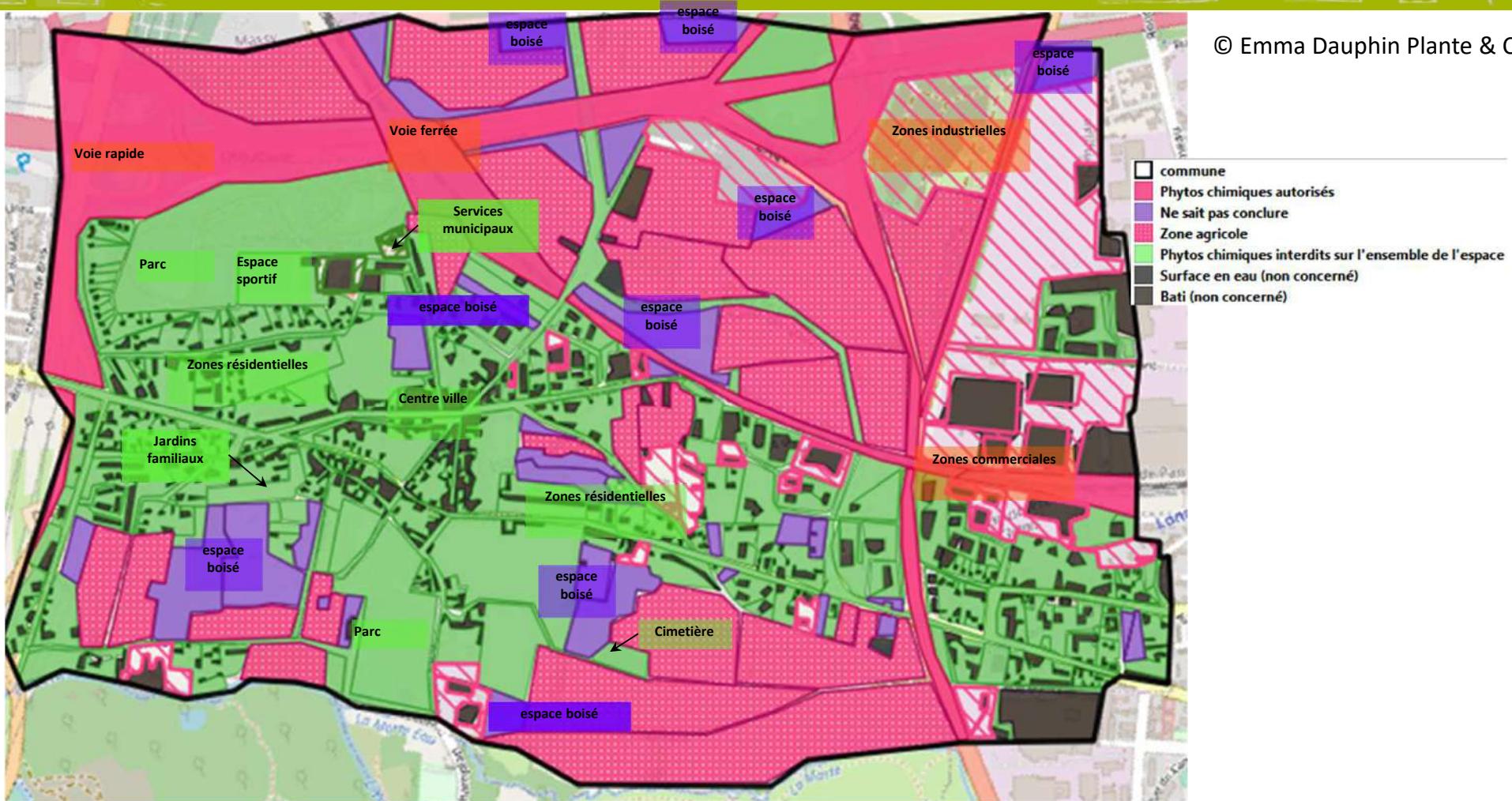
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# WHAT ELSE ?

# BEYOND PUBLIC OPEN SPACES<sup>12</sup>



Next regulation  
on pesticide  
in France in  
July 2022

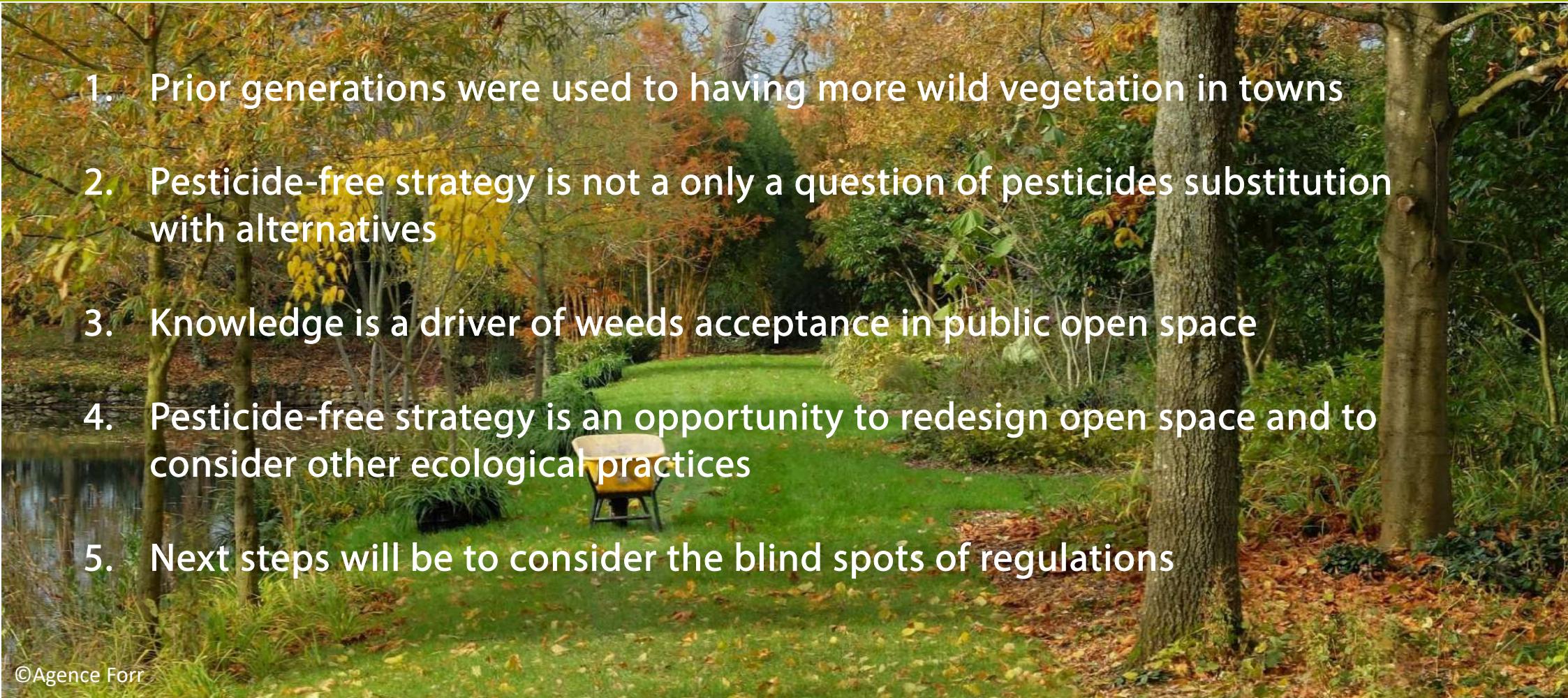


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## TAKE HOME MESSAGES

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- 
1. Prior generations were used to having more wild vegetation in towns
  2. Pesticide-free strategy is not only a question of pesticides substitution with alternatives
  3. Knowledge is a driver of weeds acceptance in public open space
  4. Pesticide-free strategy is an opportunity to redesign open space and to consider other ecological practices
  5. Next steps will be to consider the blind spots of regulations