

Social Licence to Operate

HOW TO GET IT AND HOW TO KEEP IT – LESSONS LEARNED FROM
BRITISH COLUMBIA

FOA | MPI | SCION



Ministry for Primary Industries
Manatū Ahu Matua



What we will cover today:



| The purpose of the visit



| Lessons learned

What was the purpose of the visit?



| Concerns that New Zealand has lost social licence for wide scale insecticide spraying



| How do other jurisdictions manage to conduct aerial spraying?



| What other research and regimes do they use?

The visit was a readiness activity so we can plan and design a community outreach programme in the event of the next incursion.

Quick summary of the trip

Five days visiting three agencies

MAY 2017

- | British Columbia Ministry of Forests, Lands and Natural Resource Operations (FLNRO)
- | Canadian Food Inspection Agency (CFIA)
- | Canadian Forest Service (CFS), at the Pacific Forestry Centre (PFC), Victoria.



Who was on the visit



The Forest Owners Association, Scion and the Ministry for Primary Industries

Four locations:

- | Victoria Island aerial spray
- | Rearing container
- | Vancouver ground spray
- | Trapping at port

Who does what?



FEDERAL GOVERNMENT AGENCY

- | Overview of federal legislation and interaction between provincial agencies



PROVINCIAL GOVERNMENT AGENCY

- | Overview of spray programme operations in Vancouver and Victoria

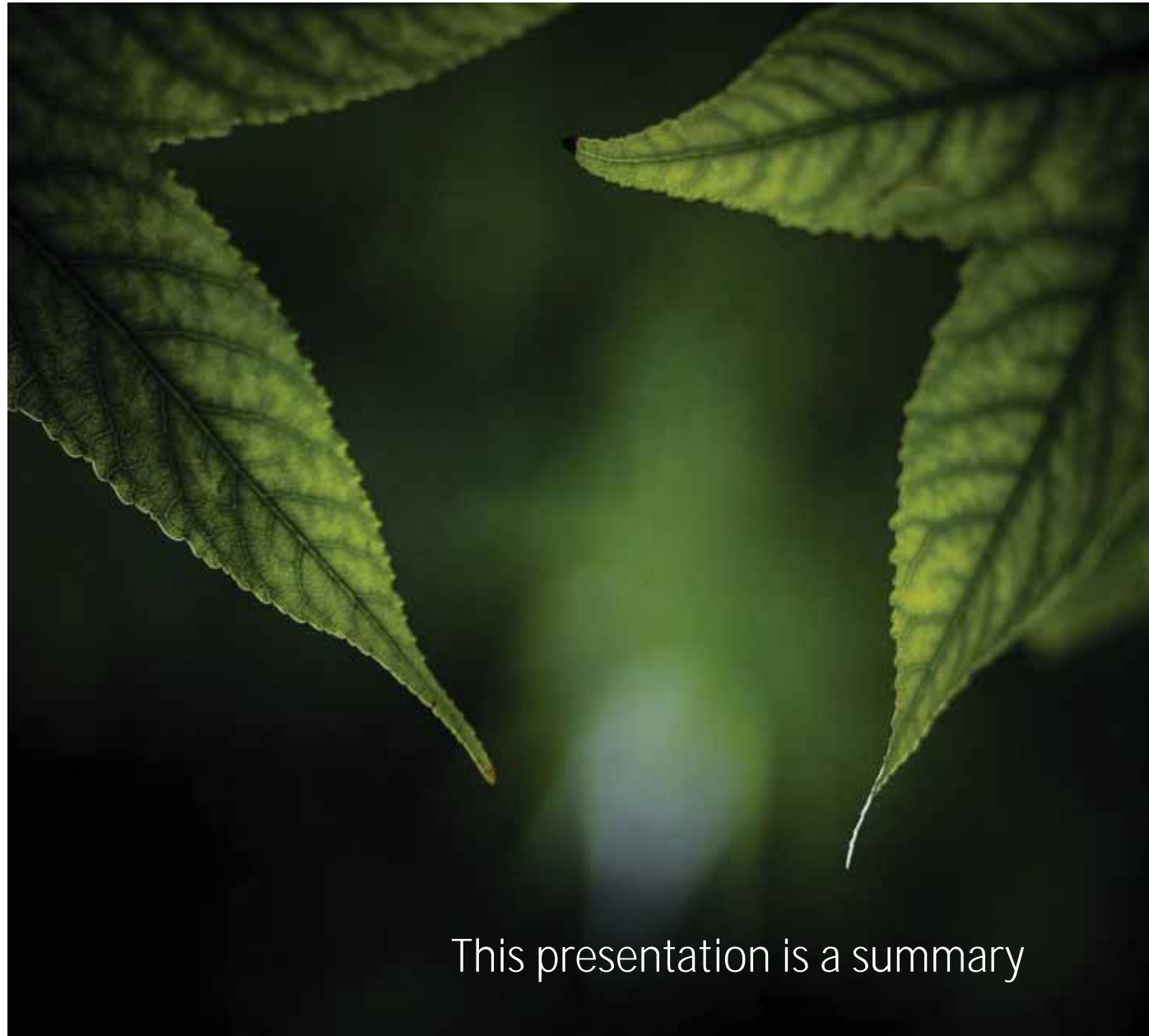


SCIENTIFIC RESEARCH

- | Current research on pests, and pathogens.

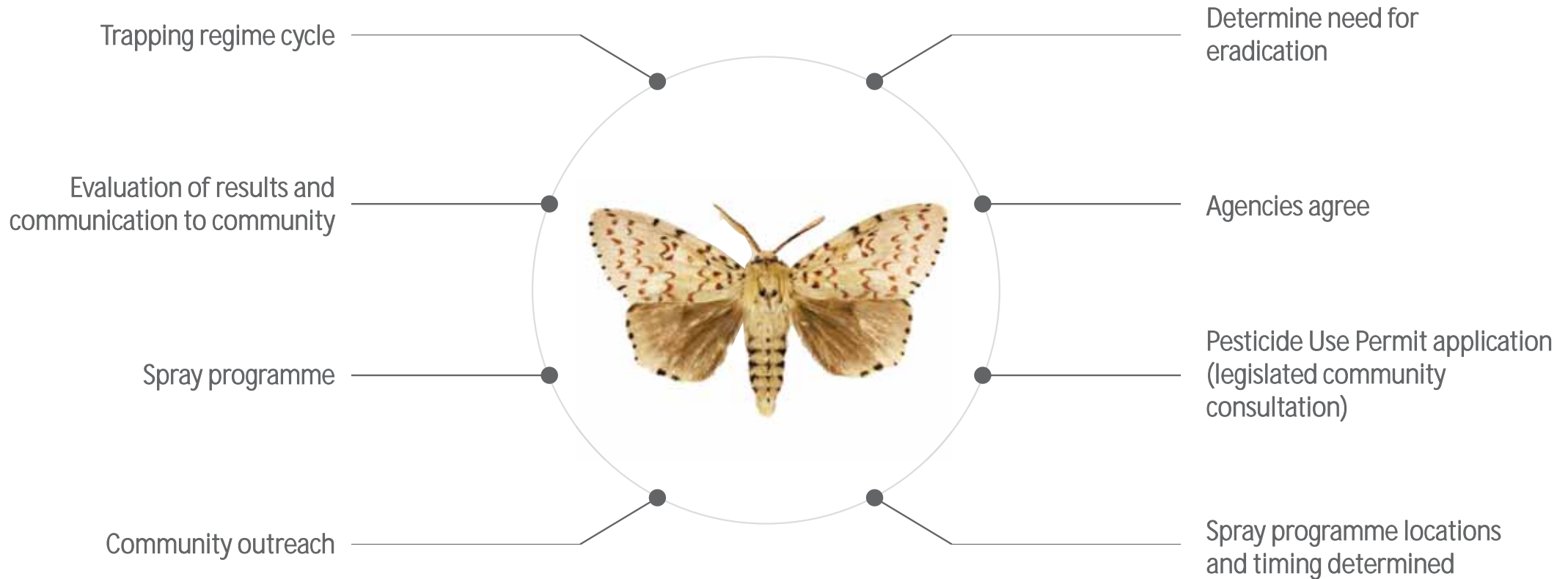
More detail in the report

- | Why gypsy moth is a concern to BC
 - | The role of legislation
 - | Technical background to the spray programme
 - | The decision-making process and governance roles
 - | Community outreach initiatives and addressing public concerns
 - | Success factors and concluding comments.
-



This presentation is a summary

Gypsy moth spray programme

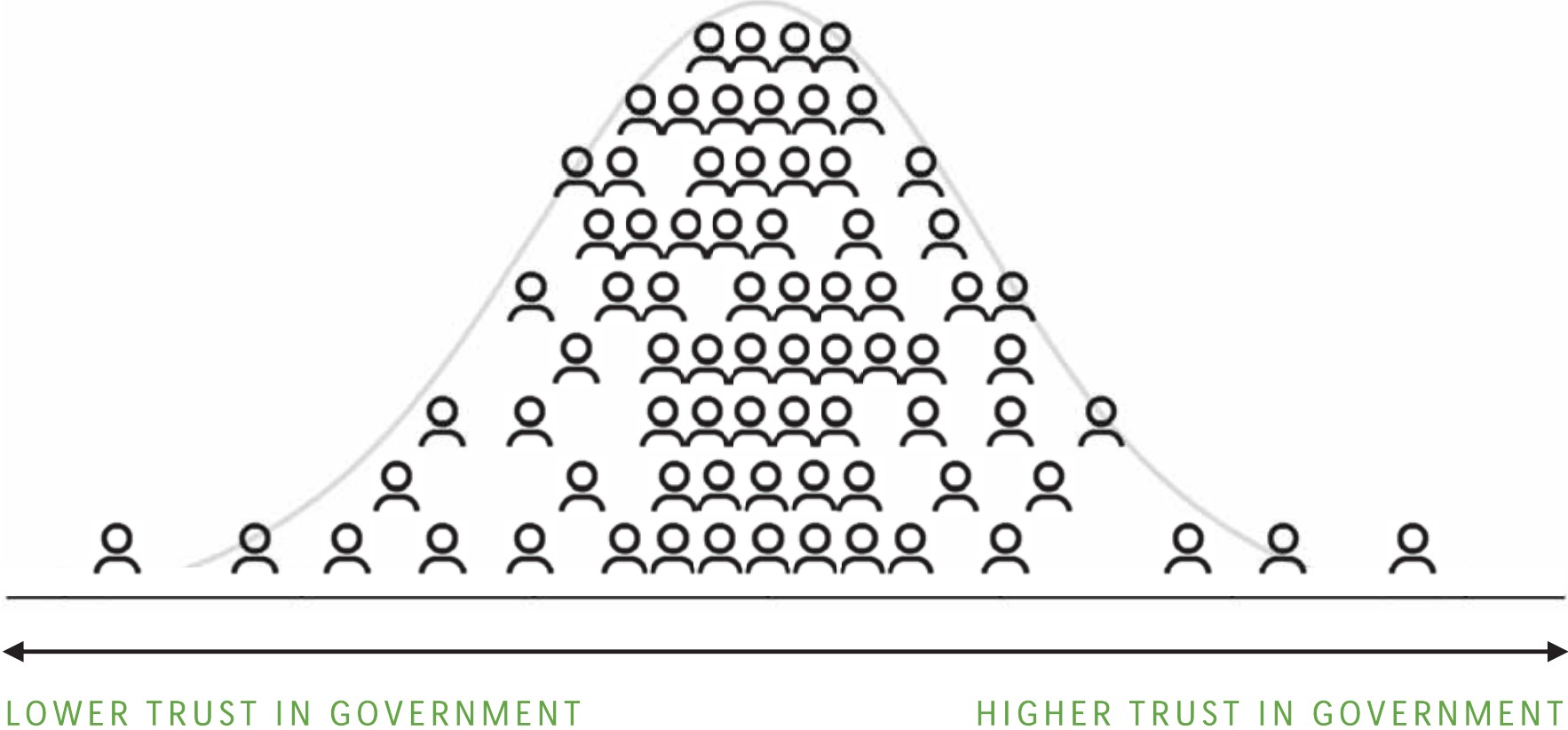


What is social licence to operate?

Social Licence has been defined as existing when a project has the ongoing approval within the local community and other stakeholders, or broad social acceptance and, most frequently, as ongoing acceptance.

Social Licence has to be earned and then maintained.

What are we trying to combat?



What are we trying to combat?

change.org

Start a petition Browse Search

Log in

Petitioning Forest Health Officer B.C. Ministry of Forests, Lands, and Natural Resource Operations

Stop Gypsy Moth Spraying in Surrey/Delta

Ryan Bennett Surrey, BC



The Province of B.C. Ministry of Forests, Lands, and Natural Resource Operations with the approval of Health Canada begun Gypsy Moth Spraying which uses Foray 48B. Although The Province claims the mix to be inert and organic, our studies conclude this mix is a potentially pathogenic bacteria BTK and includes unknown, potentially toxic chemicals. The label clearly states; Foray 48B is not for human contact either direct or by drift and to keep out of the reach of children, pregnant women, and the elderly.

Sign this petition

13,649 supporters

1,351 needed to reach 15,000

First name

Last name

Email

Canada

Street address

Postal code

I'm signing because... (optional)

Share with Facebook friends

Sign

What are residents concerns and how are they allayed?



| What is the health risk of the spray?



| My pets?



| What is in it?



| My property?



| Will it affect my garden?



| What can I expect?

Officials keep residents informed

- | Email
- | Social media (Twitter, Facebook)
- | Community evenings
- | Face-to-face (door knocking and flyers in letterboxes)

Officials use up to
30% of the budget
for the spray
programme on
community
outreach

Key messages are carefully worded



| The pesticide is **NO RISK** to human health



| It **DOES NOT** affect plants



| It **DOES NOT** affect pets or property



| AND it **BENEFITS** us in a number of ways

Strategies to minimise impact

- | Stay indoors
- | Keep pets indoors
- | Cover outdoor furniture
- | Cover vehicles
- | Wash instructions for property

OFFICIALS KEEP LINES OF COMMUNICATION OPEN

Examples of collateral and comms

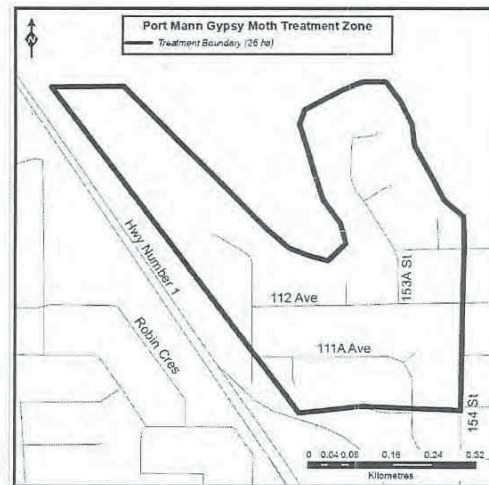
NOTICE TO RESIDENTS

GYPSY MOTH GROUND SPRAY CONCLUDED

The third spray has been completed. We thank you for your patience and co-operation. We won't bug you anymore!

If you have further questions, please contact the gypsy moth hotline (1-877-917-5999).

The results will be posted on the gypsy moth website www.for.gov.bc.ca/hfp/gypsymoth/ in November, 2017.



NOTICE TO RESIDENTS

GYPSY MOTH GROUND SPRAY SCHEDULED IN JUNE

If the weather is dry tomorrow, your area will be ground sprayed with Btk (*Bacillus thuringiensis* var. *Kurstaki* – commercial formulation of Foray 48B – P.C.P. # 24977) for the **third and LAST time**. As the caterpillars hatch out at different times, three sprays are required to ensure the entire emerging population is covered.

If you don't want us knocking on your door to let you know the spray crew visit is imminent, please write a note on the back of this flyer and attach it to your front door. We wish only to inform, not disturb your sleep if you are working night shift.

As before, it will take less than a day to complete the entire treatment area, with crews taking only a few minutes to treat an individual property, depending on the amount of trees and shrubs they need to treat. **Only trees and shrubs are sprayed, although some of the spray may drift a little.** To determine the approximate time they may be at your home, crews will start at 8:00AM; one in the RV Park, one starting on the southeast side of 112th and one starting on the right hand side of 153A St (corner at 112th Ave.) and working north. Once these areas are completed, they will move to the southern section of the block and finish on the north side of 112th Ave.



As we have not been notified of any rental units, please notify any other tenants on the property so they may take similar precautions with equipment and vehicles.

As the spray is a bit sticky and has an odour, it is advisable to close your windows while the crew is in your area. Covering outdoor equipment reduces the necessity of washing but soap and water is all that is needed to remove the residue. It does not harm painted surfaces such as cars. Food crops can be harvested and eaten immediately but, as with all products, should be washed before consumption. People with respiratory problems or allergies, and concerned about inhaling the spray, should stay indoors or leave the area during the process.

You can receive constant update information by subscribing to the [Gypsy Moth Listserv](#). For further information, see the gypsy moth web site: www.for.gov.bc.ca/gypsymoth/ or call the 24 hour information line: 1-877-917-5999.

Thank you

Ground spray operations in Surrey, Vancouver



Ground spray operations in Surrey, Vancouver



Aerial spray operations in Saanich, Vancouver Island



A dark, moody photograph of green leaves, likely from a tree or shrub, set against a black background. The leaves are illuminated from the side, creating a strong contrast and highlighting their texture and veins. The text "Summing up" is overlaid in the center in a white, sans-serif font, with a thin green horizontal line underneath it.

Summing up

Success depends on

- | Legislation that does not allow appeal on human health grounds
- | Early and personal messages and reassurance to residents and wider community
- | Open lines of communication – a regular phone number not a faceless 0800 line
- | Closing the loop – letting residents know about the results
- | Engaging them and investing them in the success of the spray programme



Success is
acceptance and
even enthusiasm
for the spray
programme

What can we do to prepare in New Zealand?



| Develop key messages – both positive (benefits) and negative (impacts).



| Keep trust in government by doing what we say we will do, being open and transparent, and listening to concerns.



| Strategies for communication that include community forums, accessibility and communications for key staff (DDI).



| Get in early to pre-empt residents being influenced by anti-spray lobby.



Thank you – any questions?



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