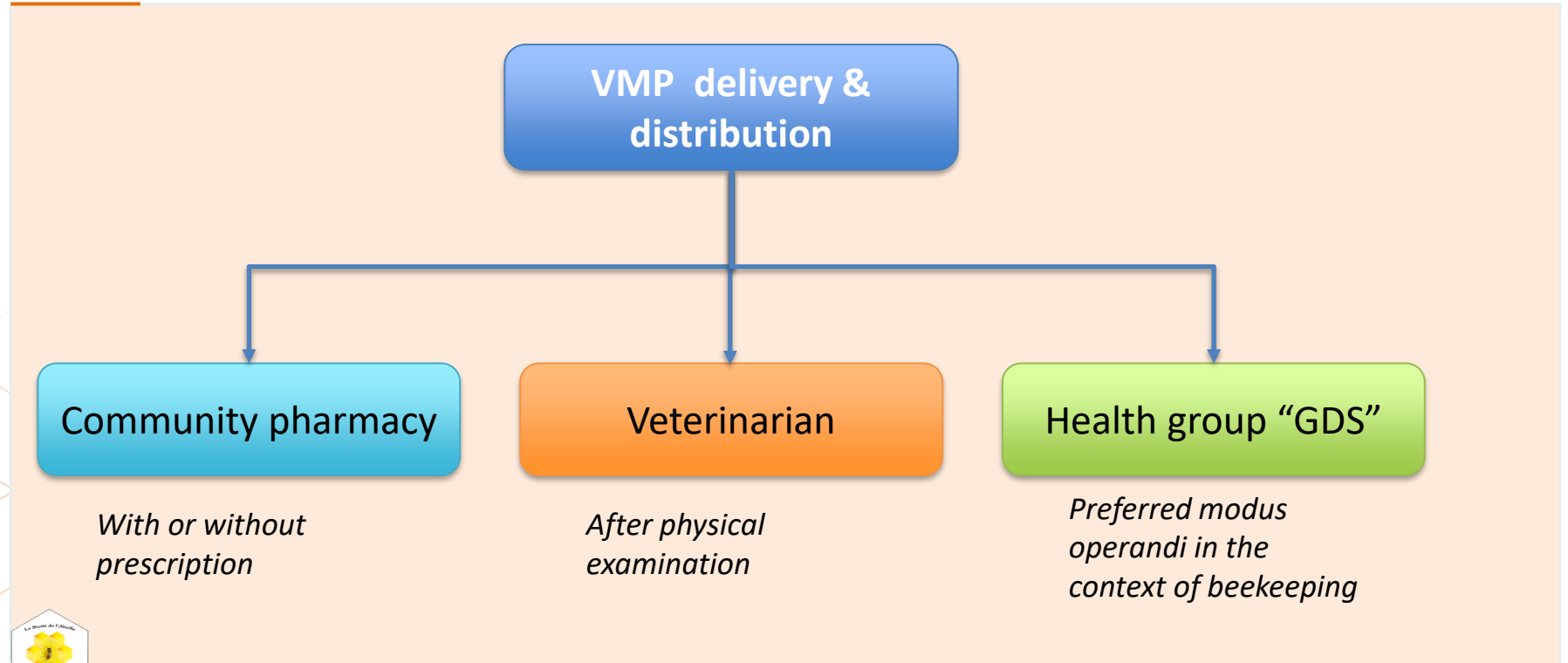




Supply and use of VMP in Beekeeping The cases of France



Who can deliver VMP in FRANCE



Health groups or GDSA “*Groupement de défense Sanitaire Apicole*” :

- Are local non governmental organizations (scope: departments or regions)
- Are accredited by the administration
- Contribute to the beekeeping sector
- Perform livestock health supervision
- Make VMP available to beekeepers : ordering, stock management and distribution under certain conditions



Health groups can distribute VMP: livestock health programs

PSE - Programme Sanitaire d'Elevage

Regulated by law, so some constraints - A detailed case file must be submitted to the administration, this file must describe:

- Who will be responsible for dispensing VMP, **must be** a veterinarian or a pharmacist
- The disease against which the group wants to fight. **Only Varroa** for beekeepers.
- **The list of VMP** and their specialty name that the group intends to distribute and how they will do that.
- Who will keep **the stock** of VMP
- How and when **VMP** should be used

→ **Agreements are valid for 5 years and 100% of beekeepers in the group shall be inspected in this span of time**



Health groups can distribute VMP

Also, real benefits for beekeepers

- Costs of VMP for beekeepers due to the economies of scale
- Advice from either Veterinarians or Technicians (*TSA - Techniciens Sanitaires Apicoles*) during regulatory visits:
 - Support and training to beekeepers about Bee Health
 - How to use VMP and how to have better beekeeping practices
 - Possibly visits colonies to detect disease and collect samples (bees, brood...)
 - Check that beekeepers comply with regulations (annual declaration of apiaries, keeping of breeding register)



Some figures

Cost for the Group (GDSA):

- Veterinarian or pharmacist responsible: 1000/5000 € per year
- Visits of beekeepers by Technicians and/or veterinarian - mostly travel expense on short distances - around 1 000 technicians, mostly volunteers.

Cost for beekeepers:

- Membership fee: Some difference between department, but generally cheap for backyard beekeepers, **less than 50 euros** per year/ between **100 and 200 €** for professional beekeepers (say, 400 hives)
- Between **15 at 30% discount** on MVP.

A few stats (2022, extrapolation from data available for 40 groups):

Apivar:130K / Apitraz: 40K / Formicpro-2: 40K / Apistan: 16K / Varromed: 10K



Role of Fnosad a Federation of Departmental Health Organization

Fédération Nationale des Organisations Sanitaires Apicoles Départementales

Fnosad is a Non-profit/non-governmental organization aiming at federating local beekeeping health organization:

→ In 2023, 80 departments (out of 96) are members which represents more than 36 000 beekeepers (out of 63 000 known beekeepers)

- Carry out studies to monitor the effectiveness of treatments and resistance studies.
- Support departmental bee health organization in completing the livestock health program.
- Provide groups with a software in order to manage members, billing, VMP ordering & distribution → 40 departmental organizations use this tool
- Publish and distribute reference manual (e.g. Varroa) for a small fee





**Thank you for your attention,
Any question ?**

Medicines available: Active ingredient and Specialty Name.

Active Ingredient	Specialty Name	N°AMM	DATE of AMM Renewed
AMITRAZ	APIVAR*	FR/V/3653206	21/04/1995 21/04/2010
	APITRAZ*	FR/V/958736	05/11/2015
TAU FLUVALINATE	APISTAN*	FR/V/2269949	15/02/1989 31/05/2010
FLUMETHRINE	BAYVAROL	FR/V/9781866	17/05/2017
	POLYVAR Yellow	FR/V/7026021	27/02/2017



Medicines available: Active ingredient and Specialty Name.

Active Ingredient	Specialty Name	N°AMM	DATE of AMM Renewed
	APIGUARD	FR/V/8103006	21/12/2001 22/05/2008
THYMOL	THYMOVAR	FR/V/8902611	12/01/2007 30/06/2011
	APILIFEVAR	FR/V/9352576	



Medicines available: Active ingredient and Specialty Name.

Active Ingredient	Specialty Name	N°AMM	DATE of AMM Renewed
FORMIC Acid	FORMICPRO	FR/V/7050200	18/03/2021
OXALIC Acid	APIBIOXAL	FR/V/1748622	14/08/2105 24/06/2016
	VARROMED	EU/2/16/203	02/02/2017
	OXYBEE	EU/2/17/216	01/02/2018
	VARROXAL	FR/V/4010336	08/09/2023