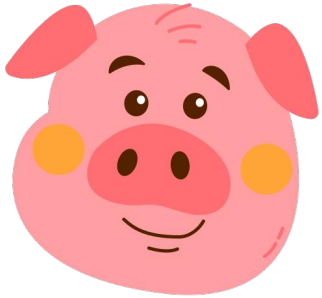
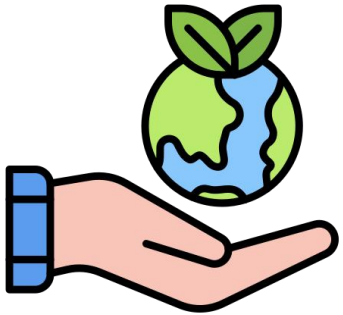
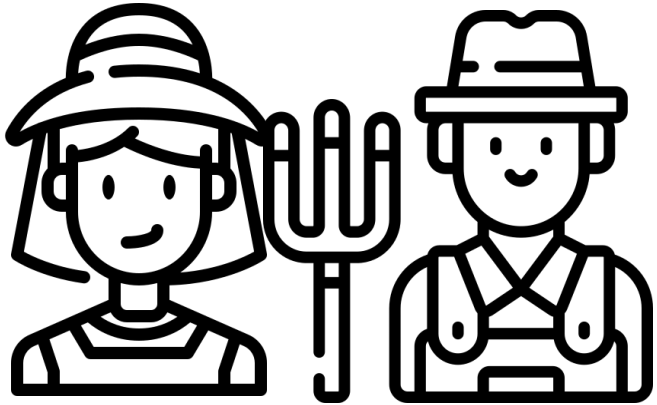
Diversité des exploitation d'élevage ayant accueilli une installation entre 2010 et 2020
Analyse du Recensement Agricole 2020

SFER
06/07/2024

Lisa Vincent,
sous la direction de
Claire Aubron et Marie-Odile Nozières-Petit
avec Philippe Lescoat et Jean-Noël Depeyrot







L’installation en élevage en France : moment de (re)conception de l’EA (organisation du travail, activités, productions)

Installation = inscription dans les fichiers cotisants non salariés de la MSA = adoption du statut officiel de chef d’EA

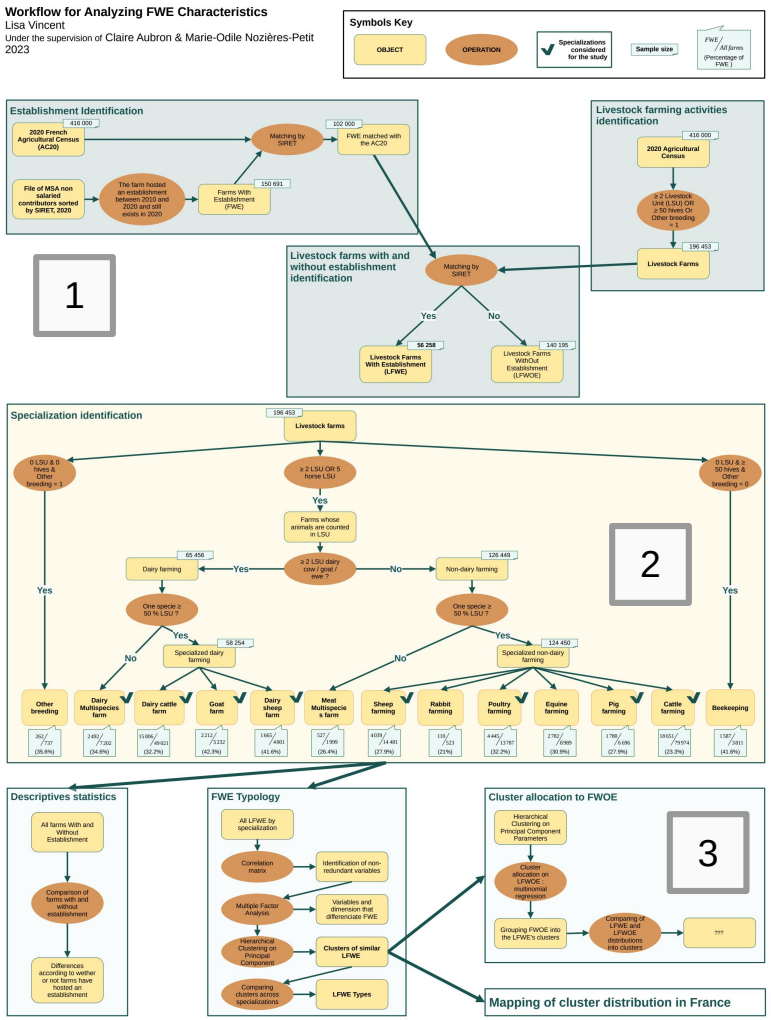
Objet de recherche ⇒ EA d’élevage dont au moins l’un des chefs d’EA s’est installé entre 2010 et 2020 :

- Création
- Reprise (familiale ou non)
- Intégration d’un nouveau chef d’exploitation sur une EA qui fonctionne déjà : agrandissement du collectif de travail ou remplacement d’un départ

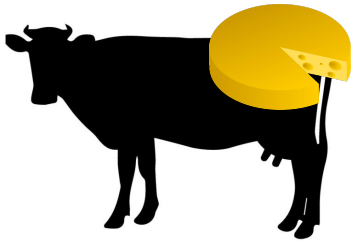
Comment évolue la diversité des exploitations d'élevage en France ?

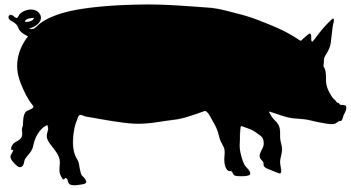
1) Quels sont les types de fermes accueillant le plus d'installation ?

2) Est ce que la diversité des EA d'élevage dont au moins un chef d'EA s'est installé entre 2010 et 2020 reproduit la diversité des EA d'élevage dont tous les chefs d'EA se sont installés avant 2010 ?



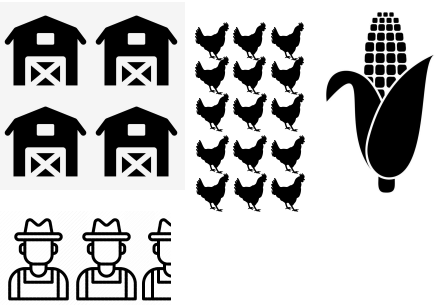
1) Identification des fermes d'élevage qui ont connu une installation entre 2010 et 2020
   - ≥ 2UGB
   - Installation entre 2010 et 2020 (MSA)
2) Identification des orientations de production
   - Production laitière
   - Espèce dominante
3) Variables
   - Structure : dimensions (absolues et par actif), travail
   - Fonctionnement : fourrages, labels, circuits courts
4) Analyse
   - Analyse Factorielle Mutliple (MFA)
   - Clusterisation Ascendante Hiérarchique (HCPC)
   - Allocation de cluster aux fermes dont tous les chefs d'EA se sont installés avant 2010 : régression multinomiale
   - Cartographie

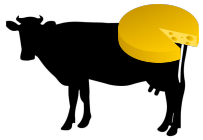


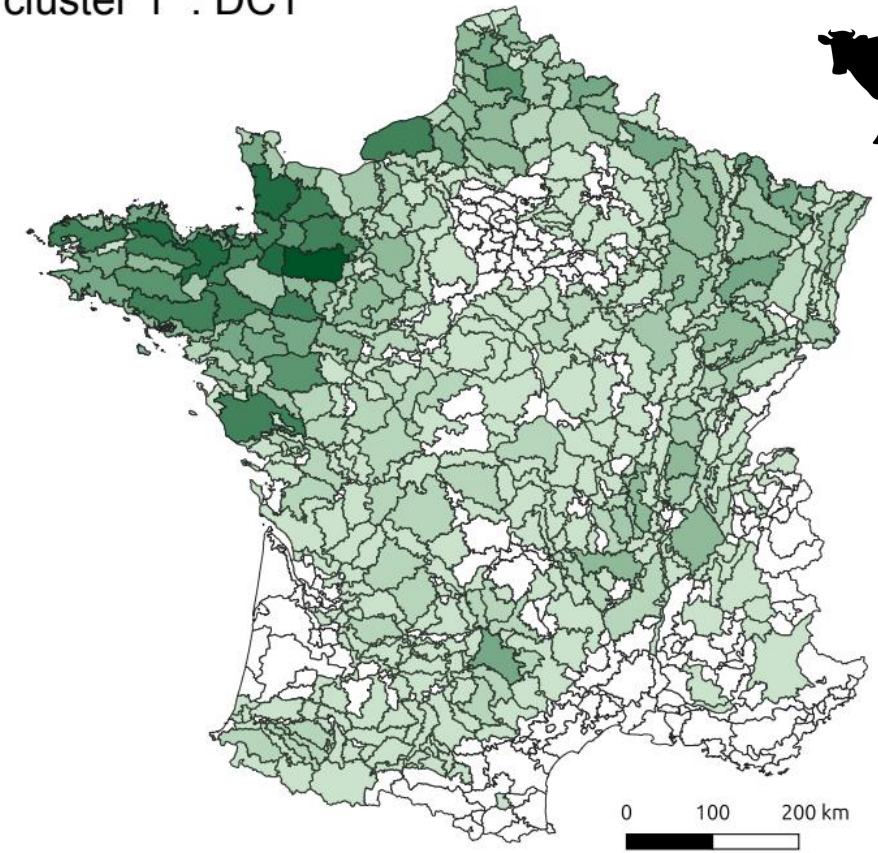


Number of Farms with Settling by Small Agricultural Region (PRA)
Dairy cattle farm, cluster 1 : DC1

57 %

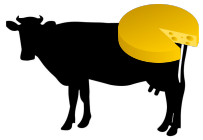


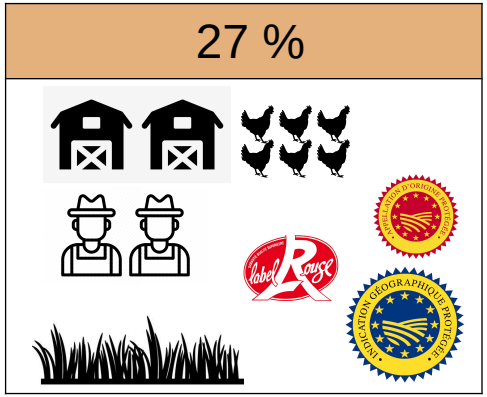


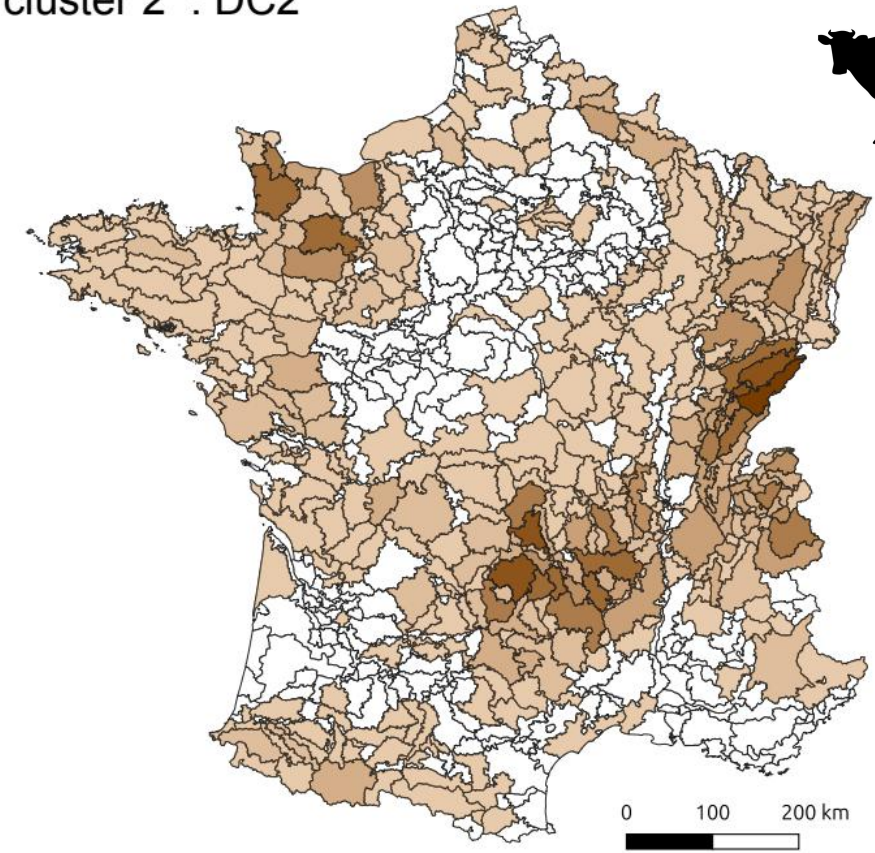


Lisa Vincent, 2024, QGIS, Sources : RA2020, MSA COTNS 2010-2020

Number of Farms with Settling by Small Agricultural Region (PRA)
Dairy cattle farm, cluster 2 : DC2

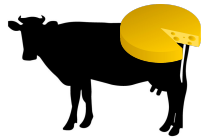




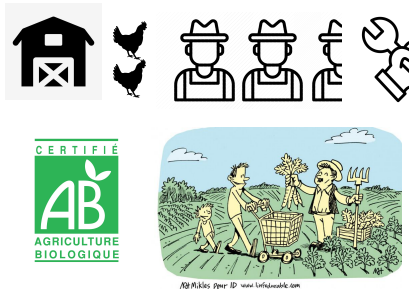


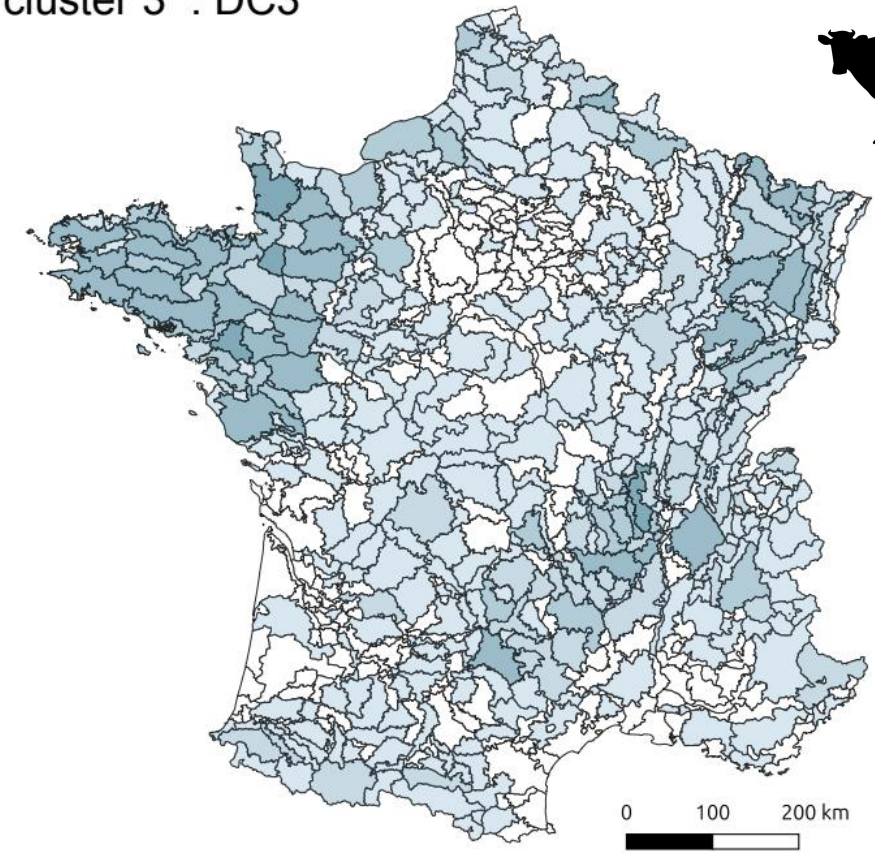
Lisa Vincent, 2024, QGIS, Sources : RA2020, MSA COTNS 2010-2020

Number of Farms with Settling by Small Agricultural Region (PRA)
Dairy cattle farm, cluster 3 : DC3



16 %





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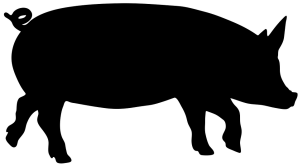
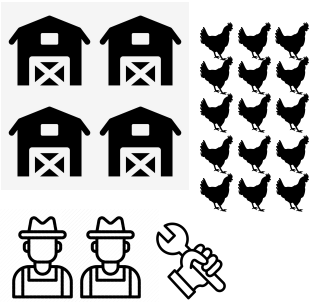
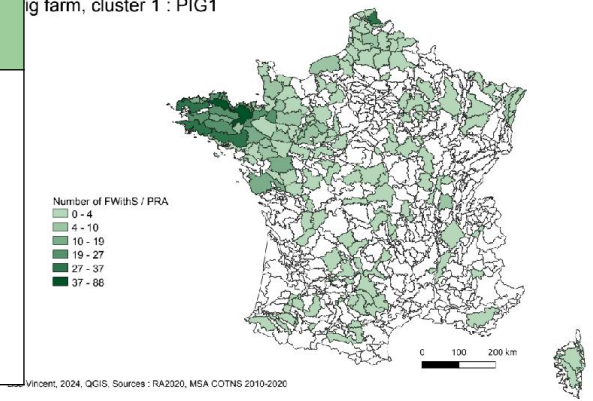


43 %



Number of Farms with Settling by Small Agricultural Region (PRA)
ig farm, cluster 1 : PIG1



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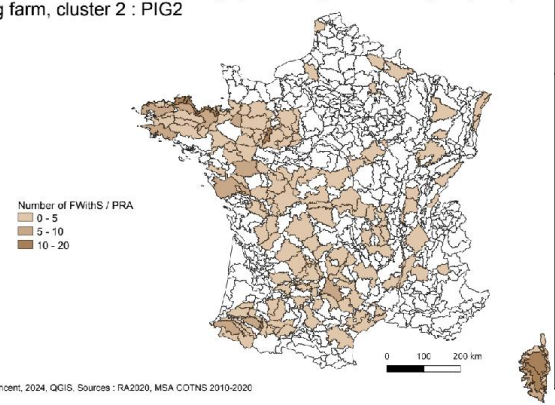
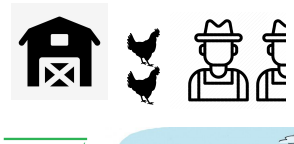
Number of Farms with Settling by Small Agricultural Region (PRA)
Pig farm, cluster 2 : PIG2



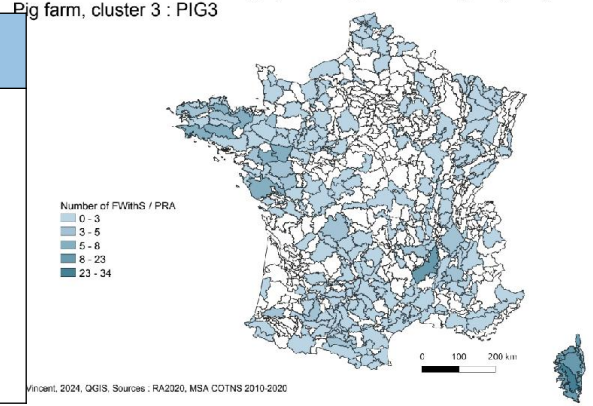
Lisa Vincent, 2024, QGIS. Sources : RA2020, MSA COTNS 2010-2020

20.5 %

27 %

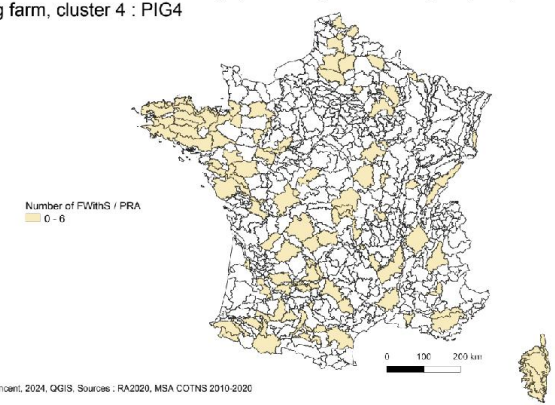


Number of Farms with Settling by Small Agricultural Region (PRA)
Pig farm, cluster 3 : PIG3



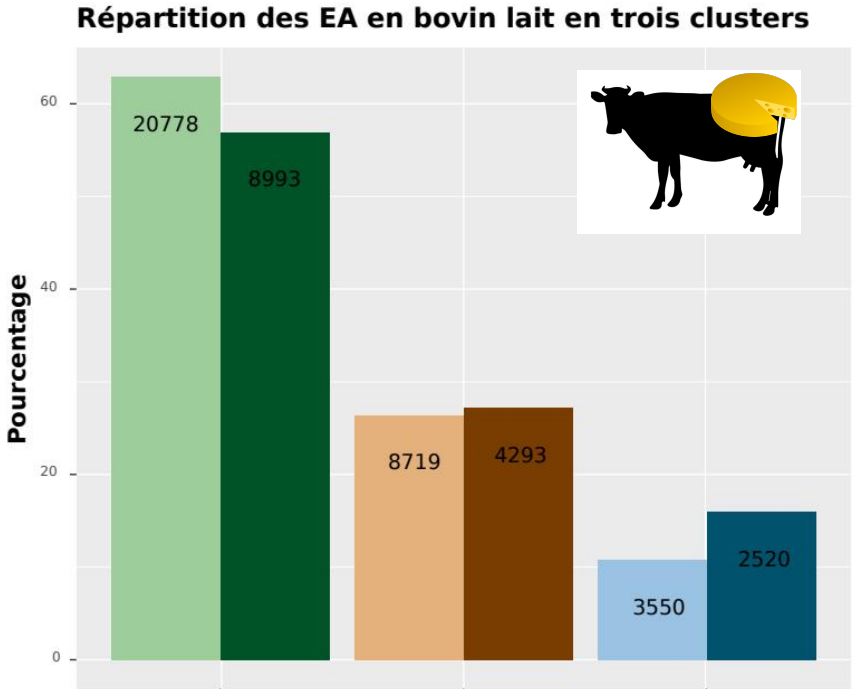
Vincent, 2024, QGIS. Sources : RA2020, MSA COTNS 2010-2020

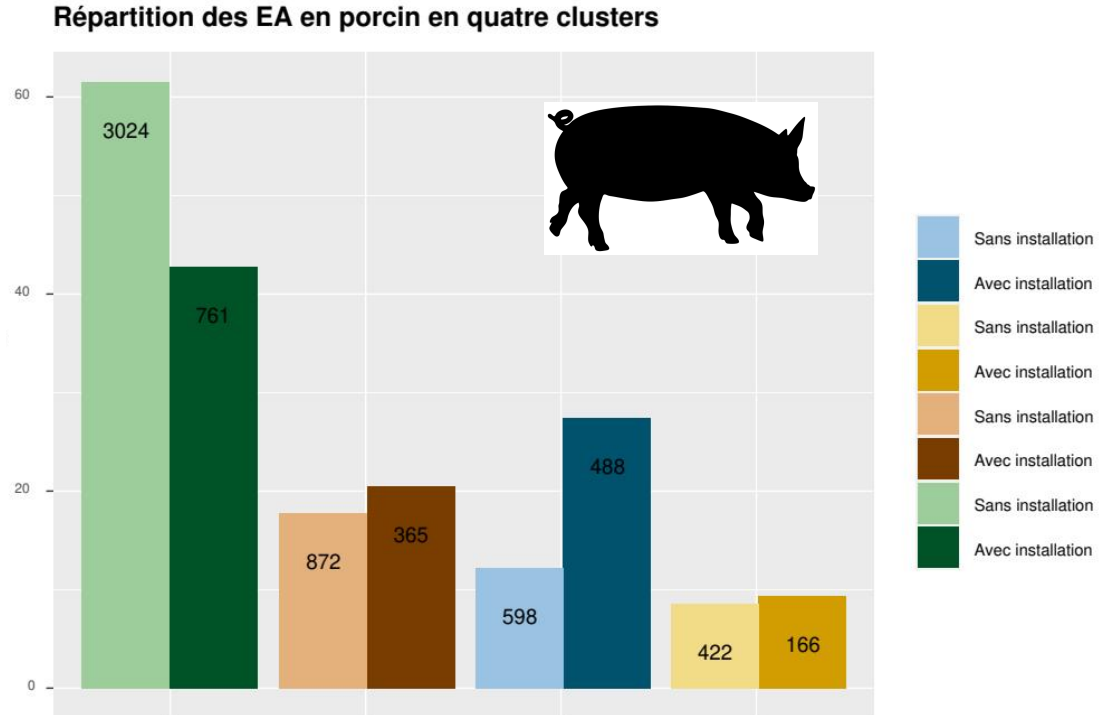
Number of Farms with Settling by Small Agricultural Region (PRA)
Pig farm, cluster 4 : PIG4



Lisa Vincent, 2024, QGIS. Sources : RA2020, MSA COTNS 2010-2020

9 %

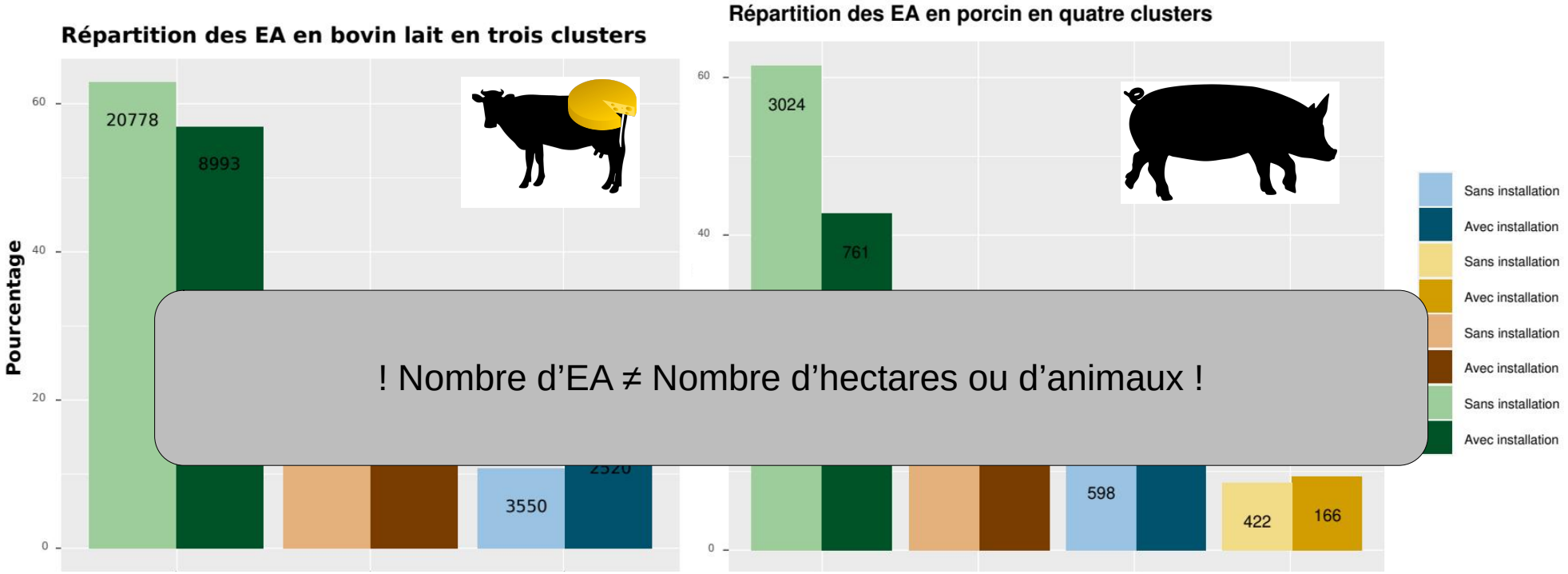




I. Reproduction globale de la diversité

II. Les grandes fermes dominent le paysage d'élevage avec et sans installation

III. Les grandes fermes perdent en importance au profit des petites fermes



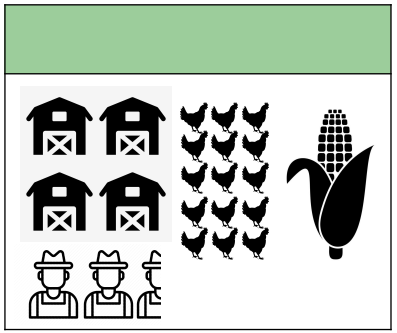
! Nombre d'EA ≠ Nombre d'hectares ou d'animaux !

I. Reproduction globale de la diversité

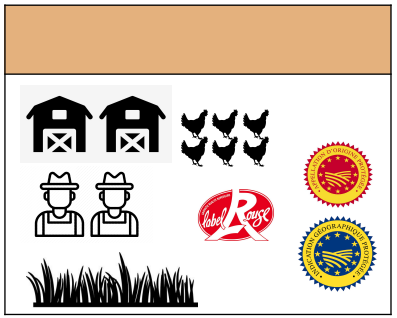
II. Les grandes fermes dominent le paysage d'élevage avec et sans installation

III. Les grandes fermes perdent en importance au profit des petites fermes

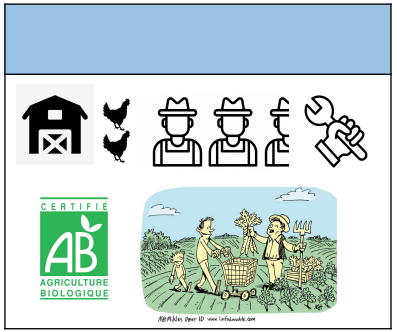
Quelles conséquences pour les enjeux évoqués en introduction ?



- Taille : ⇒ Équipement ? ↓ Pénibilité & ↑ Endettement ?
- Maïs : Volume, ↓ environnement ?
- Travail : partage des tâches, remplacement



- Taille : ⇒ Équipement ? ↓ Pénibilité & ↑ Endettement ?
- Prairies permanentes : biodiversité
- Labels : qualité, alimentation locale des animaux
- Développement territorial



- Petites dimensions ⇒ ↑ Accessibilité ?
- AB : environnement, VA, qualité
- Circuit Courts & Transfo : ↑ VA & ↑ Travail

Merci pour votre attention !

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Fluctuation icônes créées par Uniconlabs – Flaticon

Environnement icônes créées par Freepik – Flaticon

Environnement-propre icônes créées par Vectoricons – Flaticon

Agriculteur icônes créées par dreamicons – Flaticon

Agriculteur icônes créées par Freepik – Flaticon

Cochon mignon icônes créées par iconfield – Flaticon

Validation icônes créées par Ehtisham Abid – Flaticon

Agriculteur icônes créées par Freepik – Flaticon

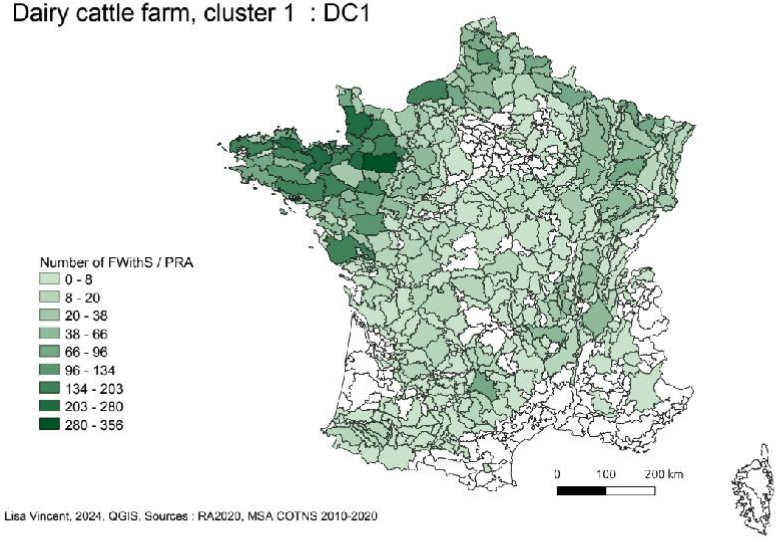
Euro icônes créées par Freepik – Flaticon

Ouvrier du batiment icônes créées par BabyCorn - Flaticon

Annexes

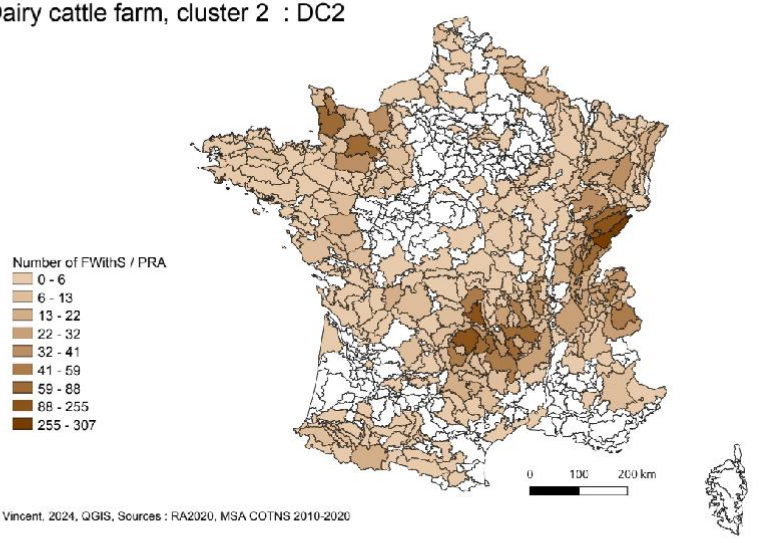
Dairy Cattle					
	DC1 N = 8,993[1]	DC2 N = 4,293[1]	DC3 N = 2,520[1]	Overall, N = 15,806[1]	p-value[2]
Workforce size, outside outsourcing	2.38	2.18	2.50	2.37	<0.001
Share of wage labor	0	0	0	0	<0.001
Herd per worker	89	59	54	75	<0.001
Farm size per worker	54	45	40	49	<0.001
Importance of crop production	0.12	0.02	0.05	0.07	<0.001
Diversity of animal species	0.78	0.79	0.79	0.78	<0.001
Stocking rate	1.69	1.32	1.34	1.50	<0.001
Share of permanent pastures	0.40	0.85	0.57	0.53	<0.001
Share of maize silage	0.39	0.00	0.01	0.24	<0.001
Organic certification (%)	0.1	1.6	74	12	<0.001
Other official labels identifying quality or origin (%)	7	78	8.8	27	<0.001
Short-value chains					<0.001
None (%)	94	78	44	82	
On-farm processing OR short supply chain sales (%)	3.5	12	6.9	6.3	
On-farm processing AND short supply chain sales (%)	2.1	10	49	12	
Herd size (LU)	210	141	133	177	<0.001
UAA (ha)	125	105	98	115	<0.001
Legal status					
1 = Individual farm	12	20	17	15	
2 = GAEC	61	68	62	63	
3 = EARL	24	11	18	19	
9 = Other legal entity	3.9	1.5	2.7	3.1	

Number of Farms with Settling by Small Agricultural Region (PRA)
Dairy cattle farm, cluster 1 : DC1



Lisa Vincent, 2024, QGIS, Sources : RA2020, MSA COTNS 2010-2020

Number of Farms with Settling by Small Agricultural Region (PRA)
Dairy cattle farm, cluster 2 : DC2



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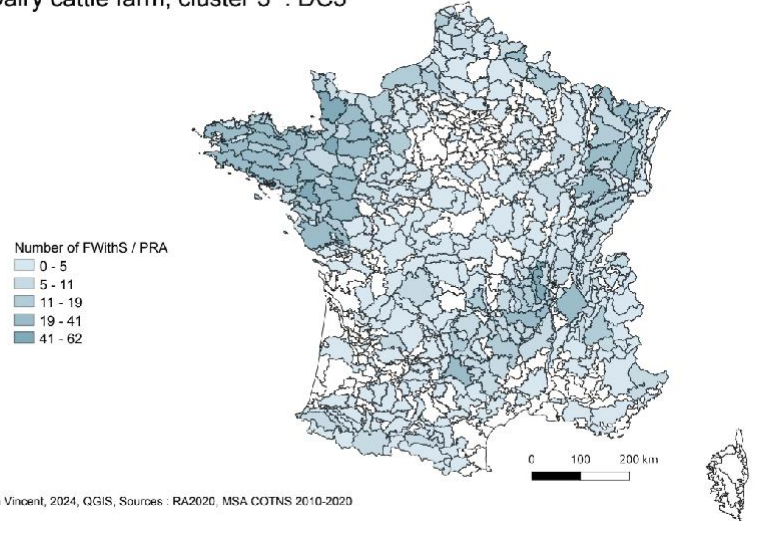
Number of Farms with Settling by Small Agricultural Region (PRA)
Dairy cattle farm, cluster 3 : DC3



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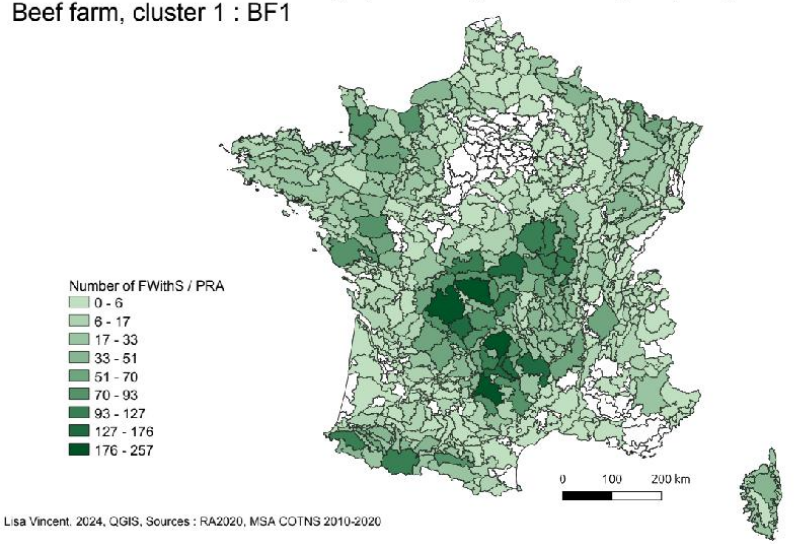
Number of Farms with Settling by Small Agricultural Region (PRA)
Beef farm, cluster 1 : BF1



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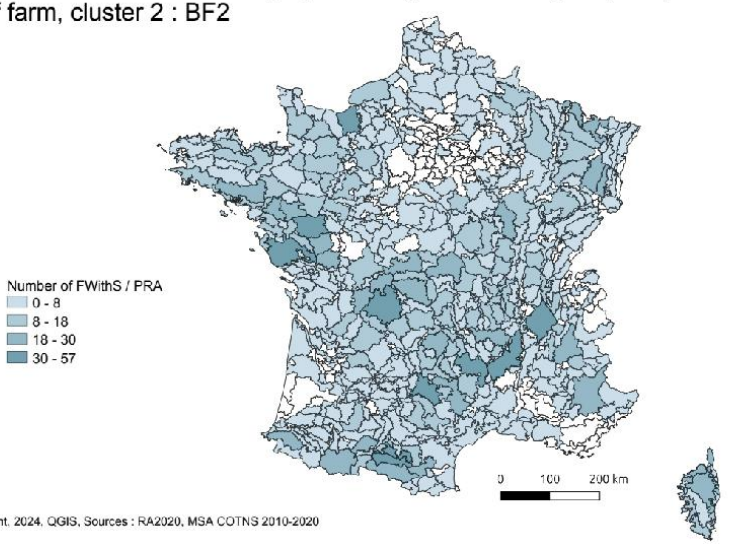
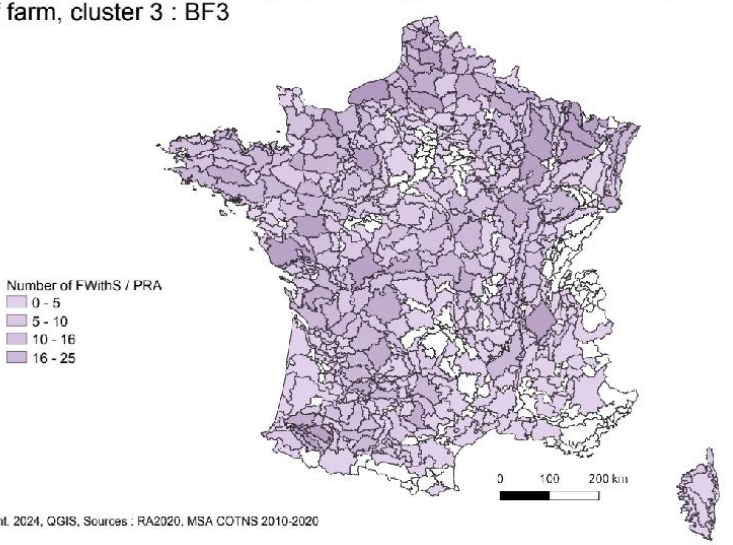
Number of Farms with Settling by Small Agricultural Region (PRA)
Beef farm, cluster 2 : BF2



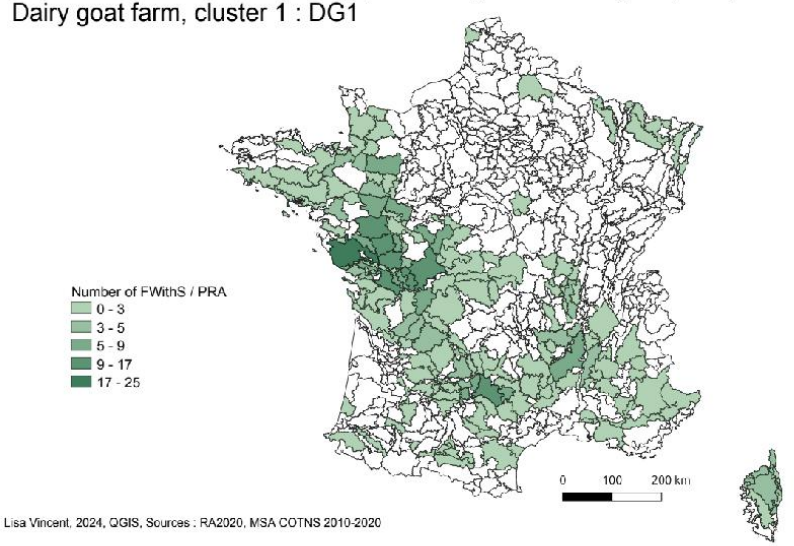
Lisa Vincent. 2024, QGIS, Sources : RA2020, MSA COTNS 2010-2020

Number of Farms with Settling by Small Agricultural Region (PRA)
Beef farm, cluster 3 : BF3



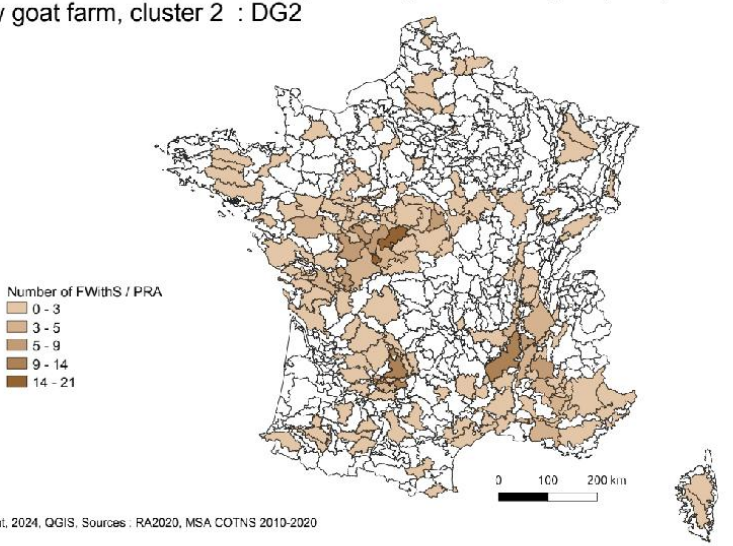
Lisa Vincent. 2024, QGIS, Sources : RA2020, MSA COTNS 2010-2020

Number of Farms with Settling by Small Agricultural Region (PRA)
Dairy goat farm, cluster 1 : DG1



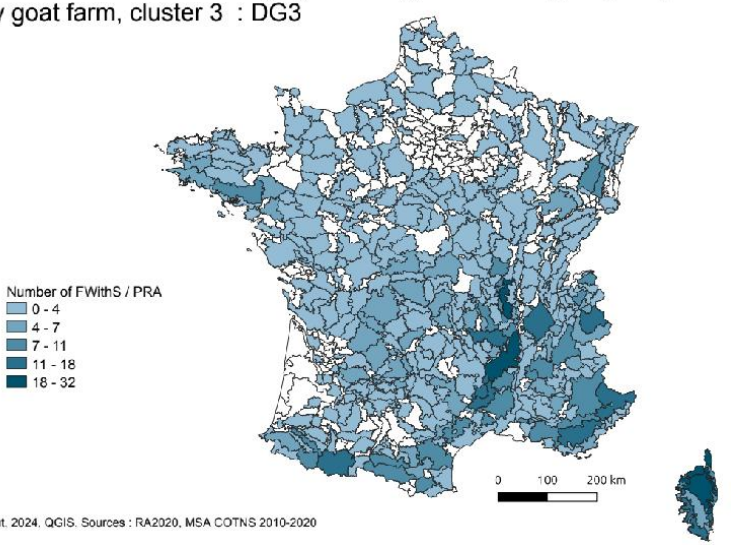
Lisa Vincent, 2024, QGIS, Sources : RA2020, MSA COTNS 2010-2020

Number of Farms with Settling by Small Agricultural Region (PRA)
Dairy goat farm, cluster 2 : DG2



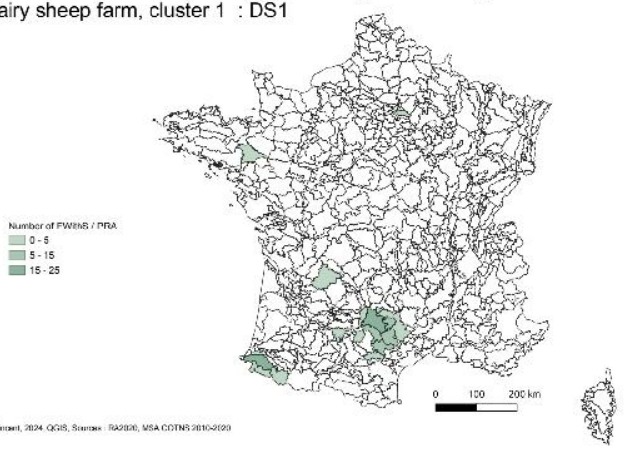
Lisa Vincent, 2024, QGIS, Sources : RA2020, MSA COTNS 2010-2020

Number of Farms with Settling by Small Agricultural Region (PRA)
Dairy goat farm, cluster 3 : DG3



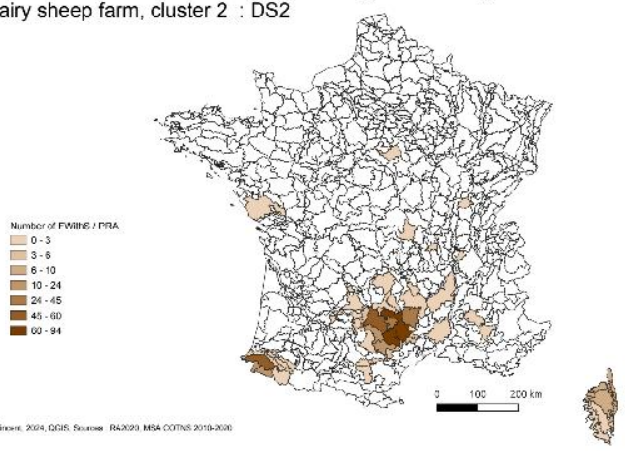
Lisa Vincent, 2024, QGIS, Sources : RA2020, MSA COTNS 2010-2020

Number of Farms with Settling by Small Agricultural Region
Dairy sheep farm, cluster 1 : DS1



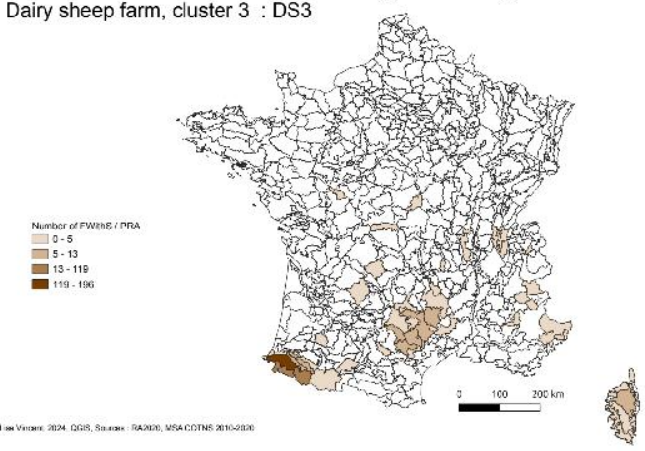
Lisa Vincent, 2024, QGIS, Sources : RA2020, MSA COTNS 2010-2020

Number of Farms with Settling by Small Agricultural Region
Dairy sheep farm, cluster 2 : DS2



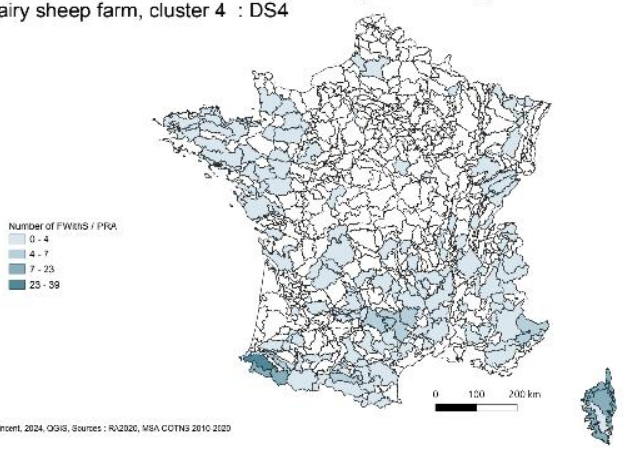
Lisa Vincent, 2024, QGIS, Sources : RA2020, MSA COTNS 2010-2020

Number of Farms with Settling by Small Agricultural Region
Dairy sheep farm, cluster 3 : DS3



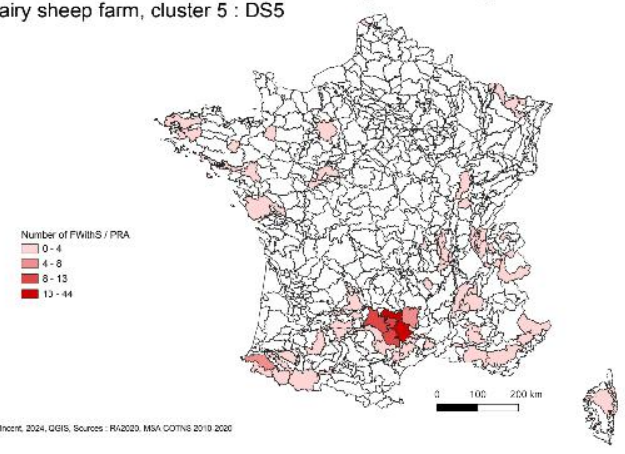
Lisa Vincent, 2024, QGIS, Sources : RA2020, MSA COTNS 2010-2020

Number of Farms with Settling by Small Agricultural Region
Dairy sheep farm, cluster 4 : DS4



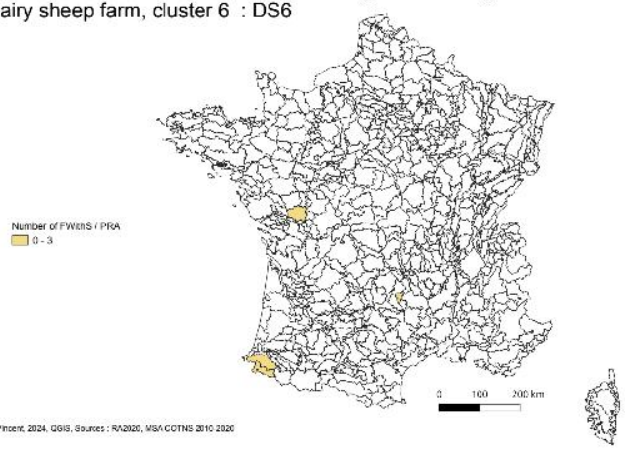
Lisa Vincent, 2024, QGIS, Sources : RA2020, MSA COTNS 2010 2020

Number of Farms with Settling by Small Agricultural Region
Dairy sheep farm, cluster 5 : DS5



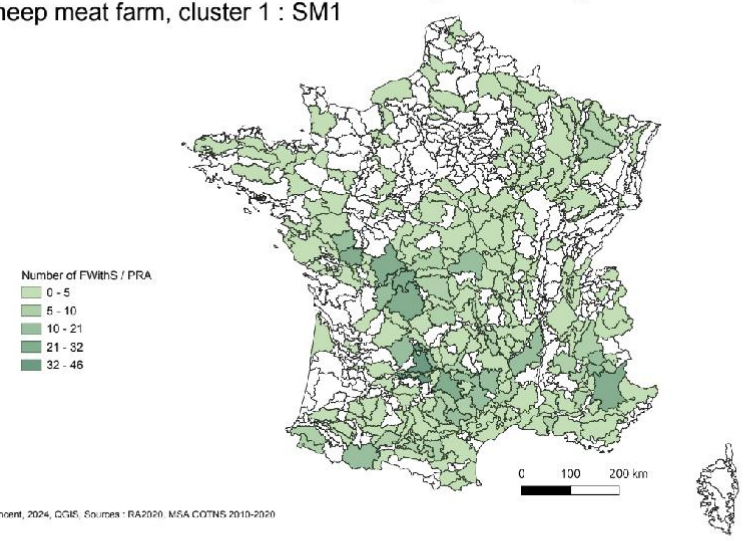
Lisa Vincent, 2024, QGIS, Sources : RA2020, MSA COTNS 2010 2020

Number of Farms with Settling by Small Agricultural Region
Dairy sheep farm, cluster 6 : DS6



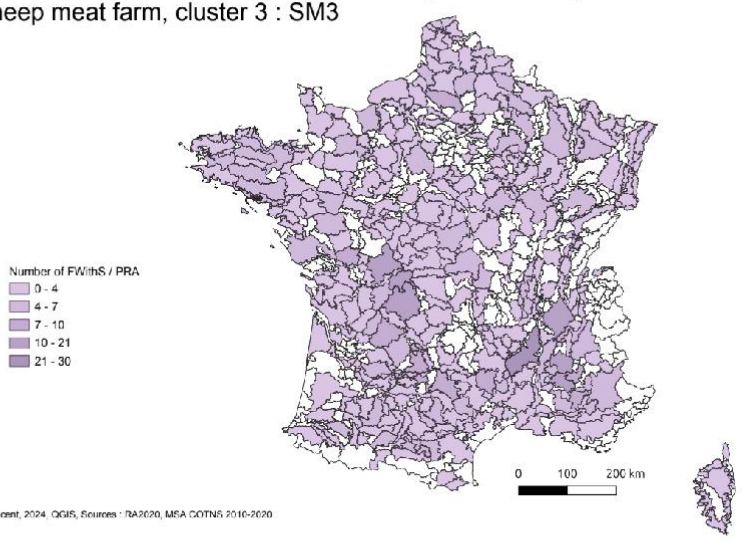
Lisa Vincent, 2024, QGIS, Sources : RA2020, MSA COTNS 2010 2020

Number of Farms with Settling by Small Agricultural Region
Sheep meat farm, cluster 1 : SM1



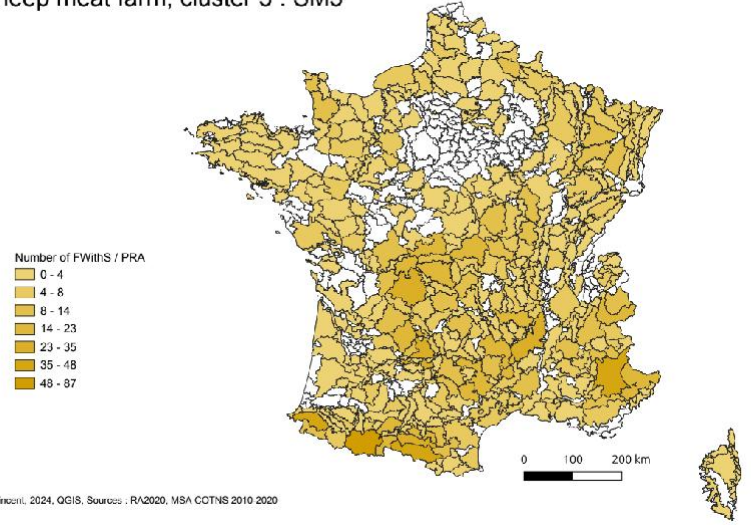
Lisa Vincent, 2024, QGIS, Sources : RA2020, MSA COTNS 2010-2020

Number of Farms with Settling by Small Agricultural Region
Sheep meat farm, cluster 3 : SM3



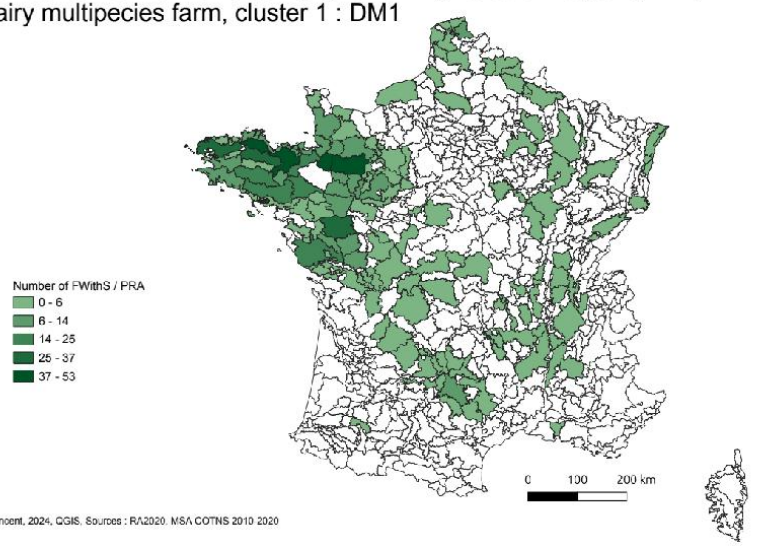
Lisa Vincent, 2024, QGIS, Sources : RA2020, MSA COTNS 2010-2020

Number of Farms with Settling by Small Agricultural Region
Sheep meat farm, cluster 3 : SM3



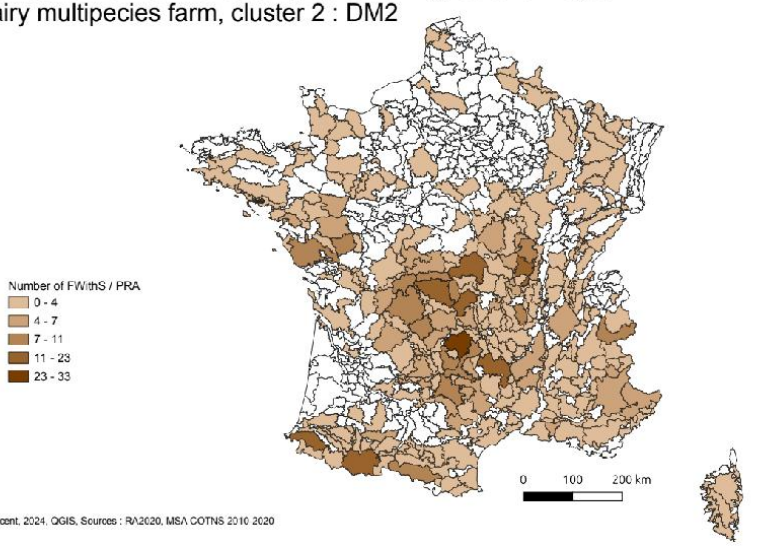
Lisa Vincent, 2024, QGIS, Sources : RA2020, MSA COTNS 2010-2020

Number of Farms with Settling by Small Agricultural Region (PRA)
Dairy multipecies farm, cluster 1 : DM1



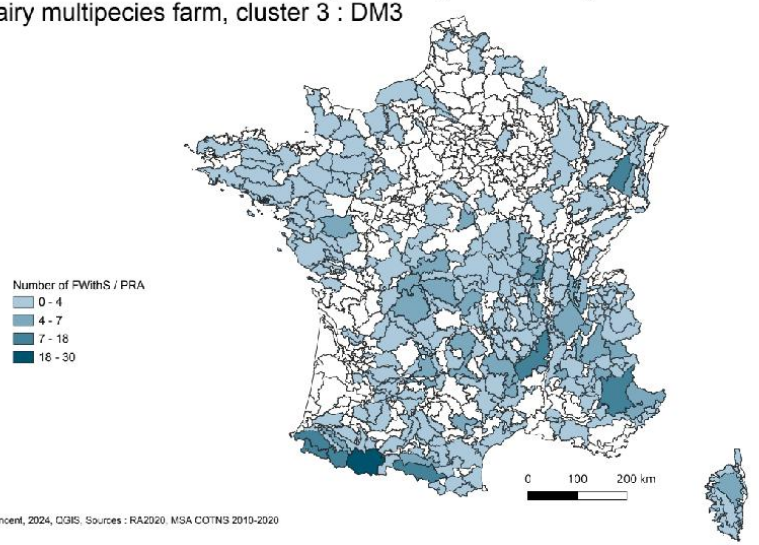
Lisa Vincent, 2024, QGIS, Sources : RA2020, MSA COTNS 2010-2020

Number of Farms with Settling by Small Agricultural Region
Dairy multipecies farm, cluster 2 : DM2



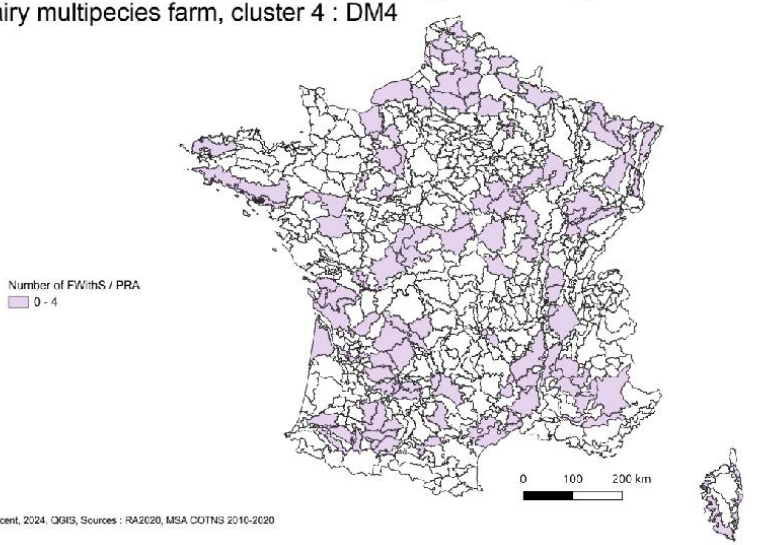
Lisa Vincent, 2024, QGIS, Sources : RA2020, MSA COTNS 2010-2020

Number of Farms with Settling by Small Agricultural Region
Dairy multipecies farm, cluster 3 : DM3



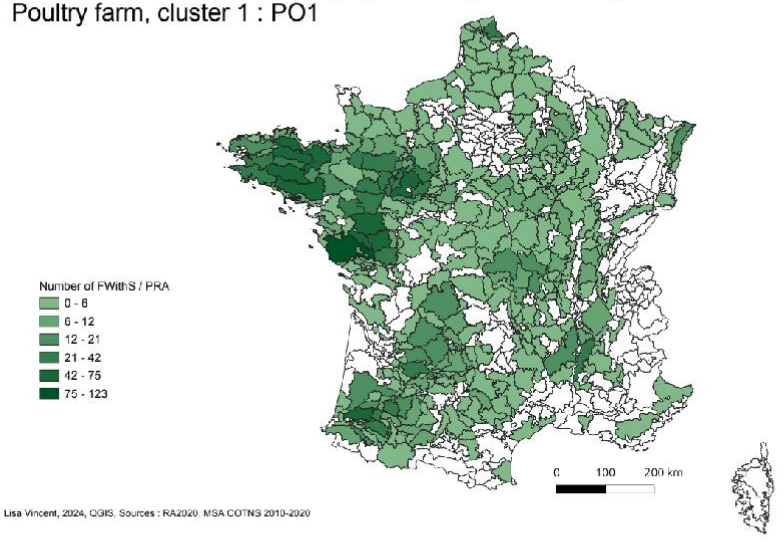
Lisa Vincent, 2024, QGIS, Sources : RA2020, MSA COTNS 2010-2020

Number of Farms with Settling by Small Agricultural Region
Dairy multipecies farm, cluster 4 : DM4



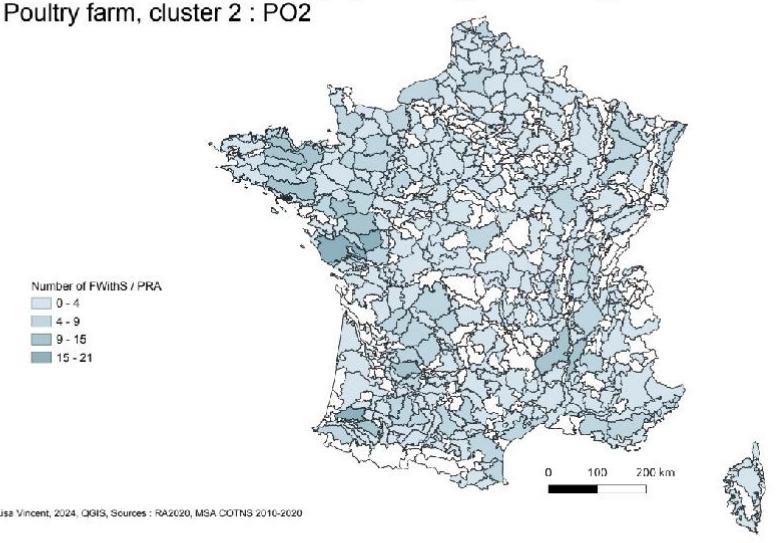
Lisa Vincent, 2024, QGIS, Sources : RA2020, MSA COTNS 2010-2020

Number of Farms with Settling by Small Agricultural Region
Poultry farm, cluster 1 : PO1



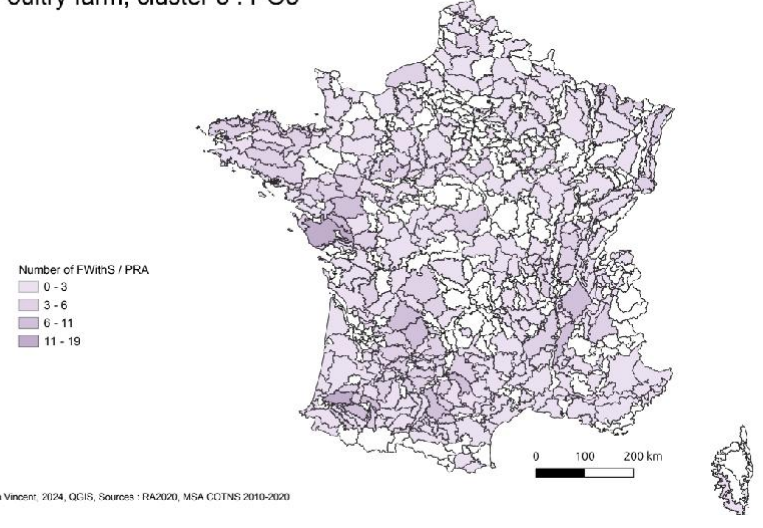
Lisa Vincent, 2024, QGIS, Sources : RA2020, MSA COTNS 2010-2020

Number of Farms with Settling by Small Agricultural Region
Poultry farm, cluster 2 : PO2



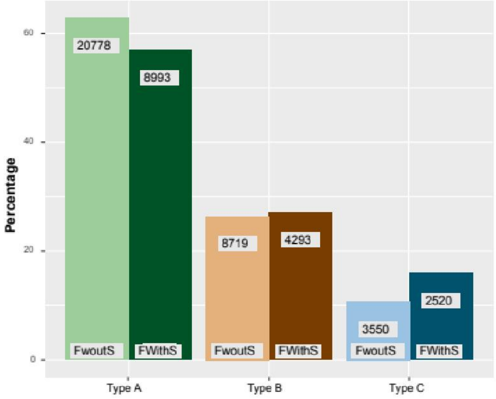
Lisa Vincent, 2024, QGIS, Sources : RA2020, MSA COTNS 2010-2020

Number of Farms with Settling by Small Agricultural Region
Poultry farm, cluster 3 : PO3

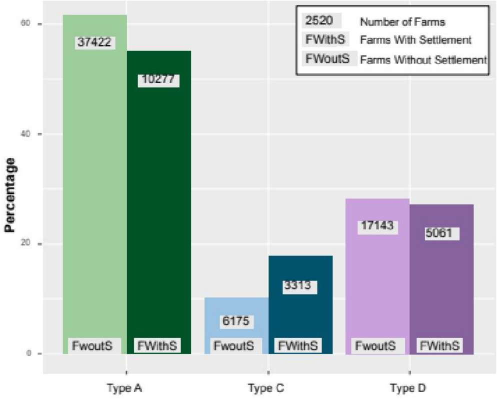


Lisa Vincent, 2024, QGIS, Sources : RA2020, MSA COTNS 2010-2020

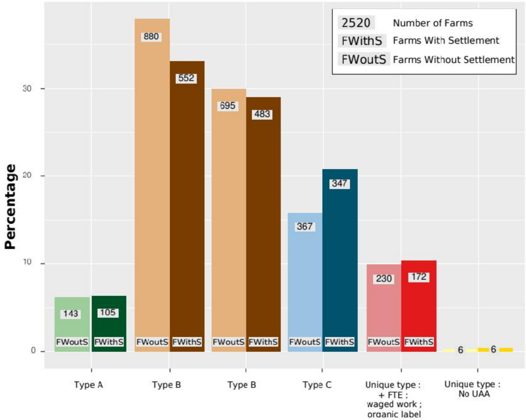
Comparing diversity of dairy cattle farms between FWithS and FWoutS



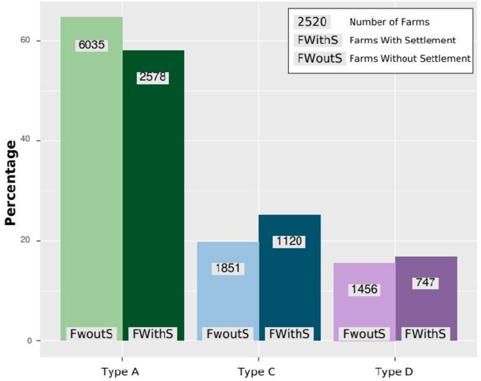
Comparing diversity of beef cattle farms between FWithS and FWoutS



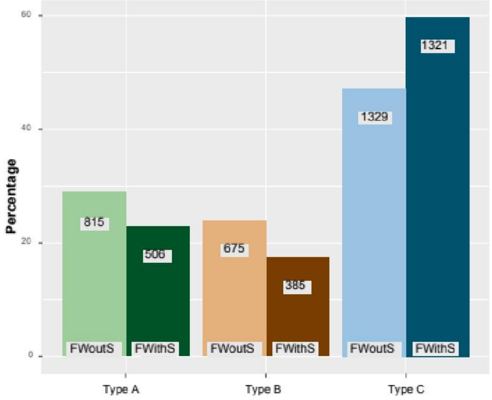
Comparing diversity of dairy sheep farms between FWithS and FWoutS



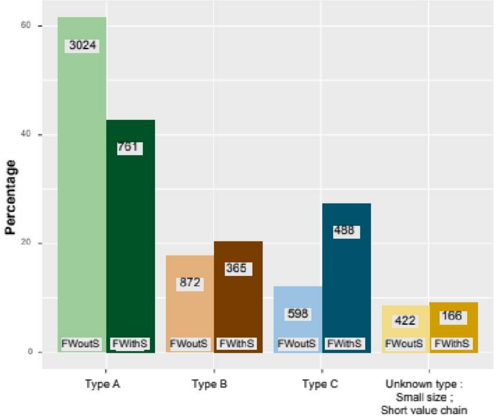
Comparing diversity of poultry farms between FWithS and FWoutS



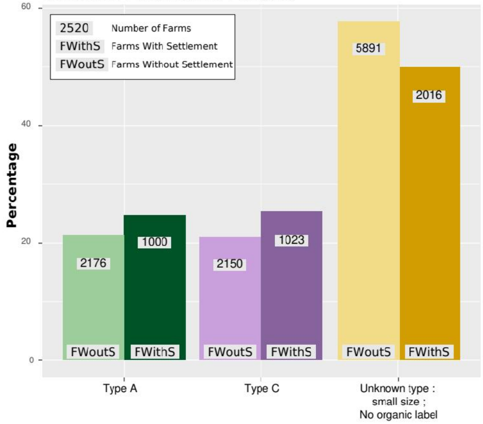
Comparing diversity of dairy goat farms between FWithS and FWoutS



Comparing diversity of pig farms between FWithS and FWoutS



Comparing diversity of meat sheep farms between FWithS and FWoutS



Comparing diversity of dairy multispecies farms between FWithS and FWoutS