

Targeted Grazing Survey Report

Roger Ingram, Chair CWGA Wildfire and Grazing Ad Hoc Committee

Committee Members:

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Survey Contacts – 32 Respondents
 Conducted December 2020 – February 2021
 via Phone Interview

	CWGA Targeted Grazing Directory	UCCE Placer / Nevada	UCCE MatchGraze	Not on Other Lists
Surveyed List Contacts	15	7	8	2
List Contact Out of Business	1	1		
List Contact Not Doing TG	2			
No Response	1	1	2	

Survey Paid Acreage Grazed

Targeted grazing services are being or have been provided in 46 out 58 counties by 32 surveyed providers.

Targeted Grazing Survey	Total	<500 Head	>500-2,499 head	>2,500 head
Survey Respondents	32	12	9	11
Total Paid Acres	75,714	1,667	5,467	68,580
Average Paid Acres	2,366.1	138.9	607.4	6,235
% of Total Paid Acres	100	2.2%	7.2%	90.6%

Survey Acreage by Service Results

	Total	Total %	<500 head	<500 head	500-2,499 head	500-2,499 head	>2,500 Head	>2,500 Head
Targeted Grazing Service	Acres	% Total Acres	Acres	% Total Acres	Acres	% Total Acres	Acres	% Total Acres
Fuel Load Reduction	55,794	73.7	1,221	1.6	4,052	5.4	50,521	66.7
Vineyard/Crop	15,898	21	216	0.3	532	0.7	15,150	20
Conservation	2092	2.8	20	.03	472	0.6	1,600	2.1
Weeds	1,780	2.4	210	0.3	411	0.5	1,159	1.5
Other	150	0.2	0	0	0	0	150	0.2

Survey Demographic Results

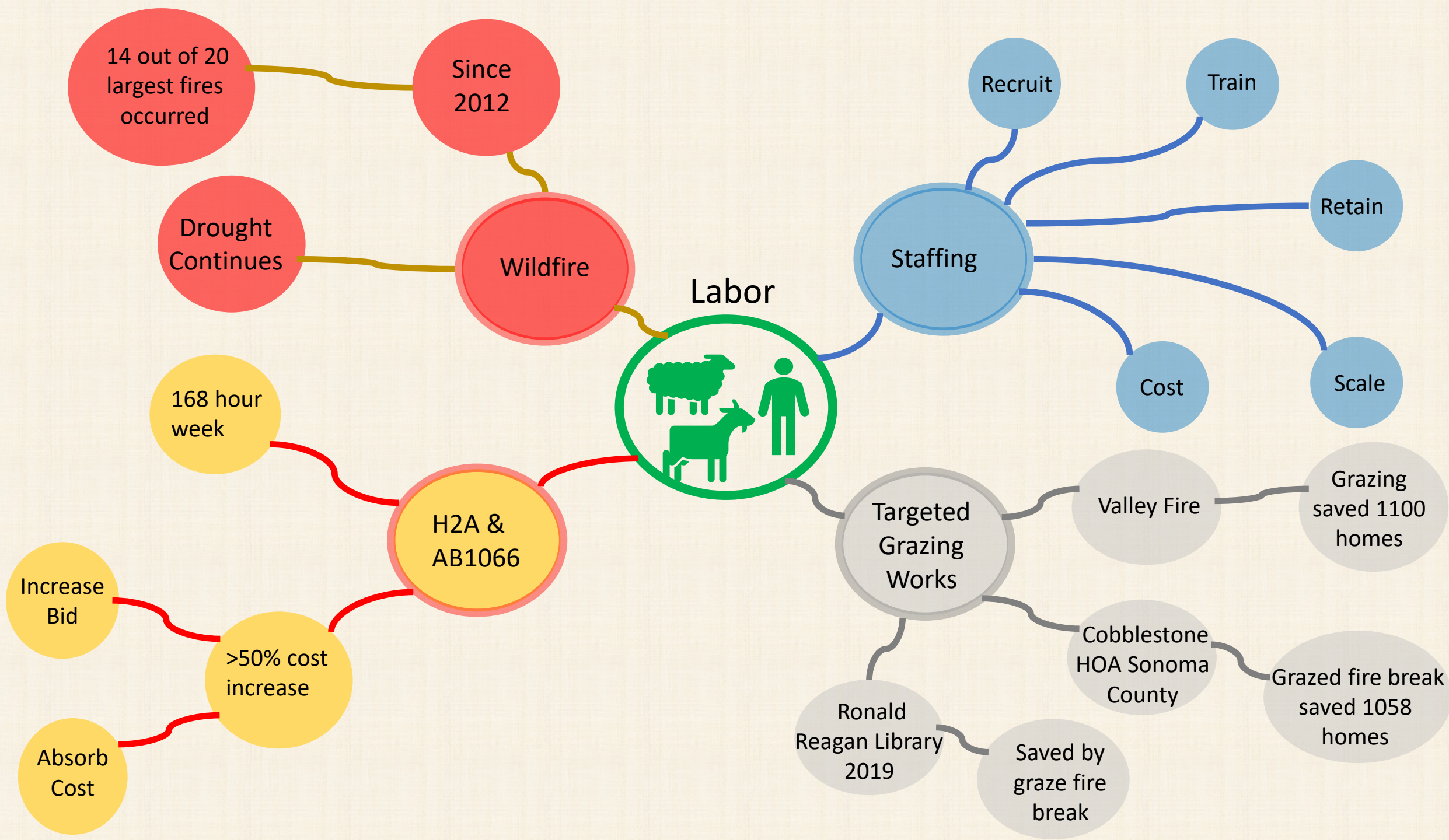
- Species managed by 32 surveyed providers were:
 - Sheep only - 12 providers
 - Goats only - 4 providers
 - Sheep and Goats - 16 providers
- Average number of contracted months was 6.5 with a range of 5.7 to 6.4.
- Targeted grazing was the main source of income of 15 surveyed providers (46.7%).

Top 5 Entities Contracting for Paid Grazing Services

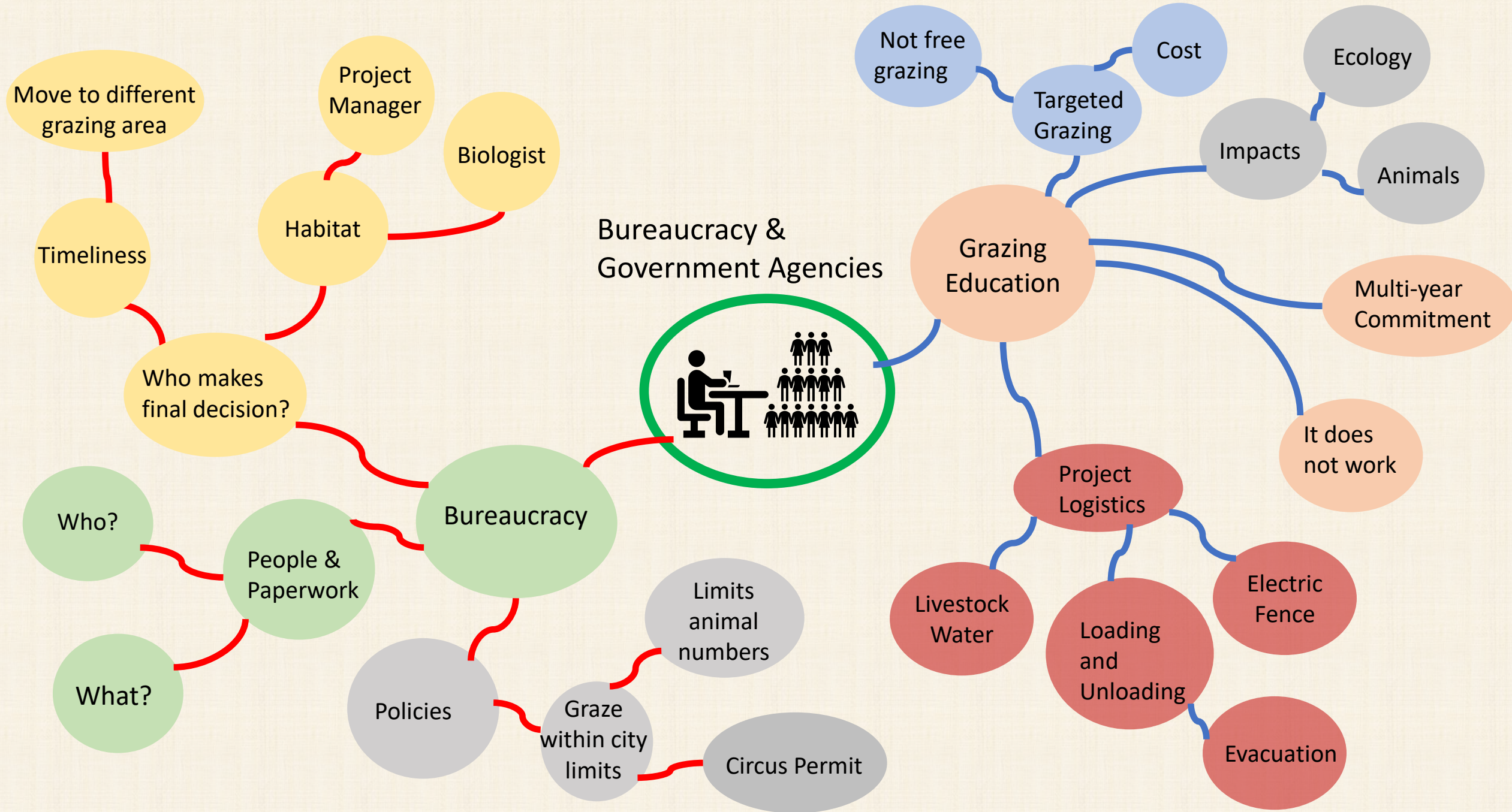
- Government - 29 providers
- Private landowners – 20 providers
- Homeowners' Associations – 16 providers
- Parks - 14 providers
- Vineyard/Crop - 13 providers
- Larger operations (>1,000 head) provided targeted grazing services for solar farms - 8 providers

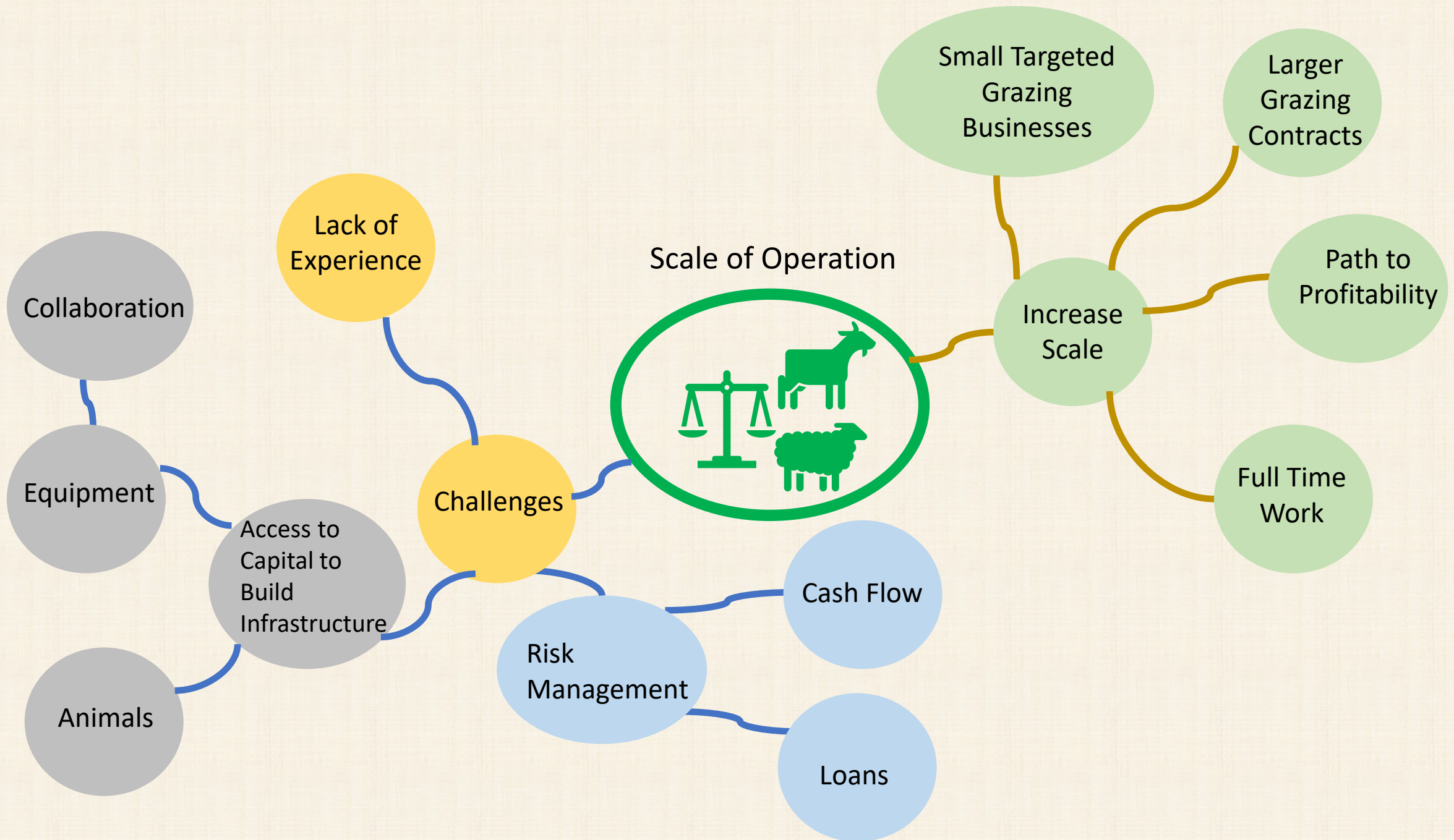
Challenges for Surveyed Targeted Grazing Providers

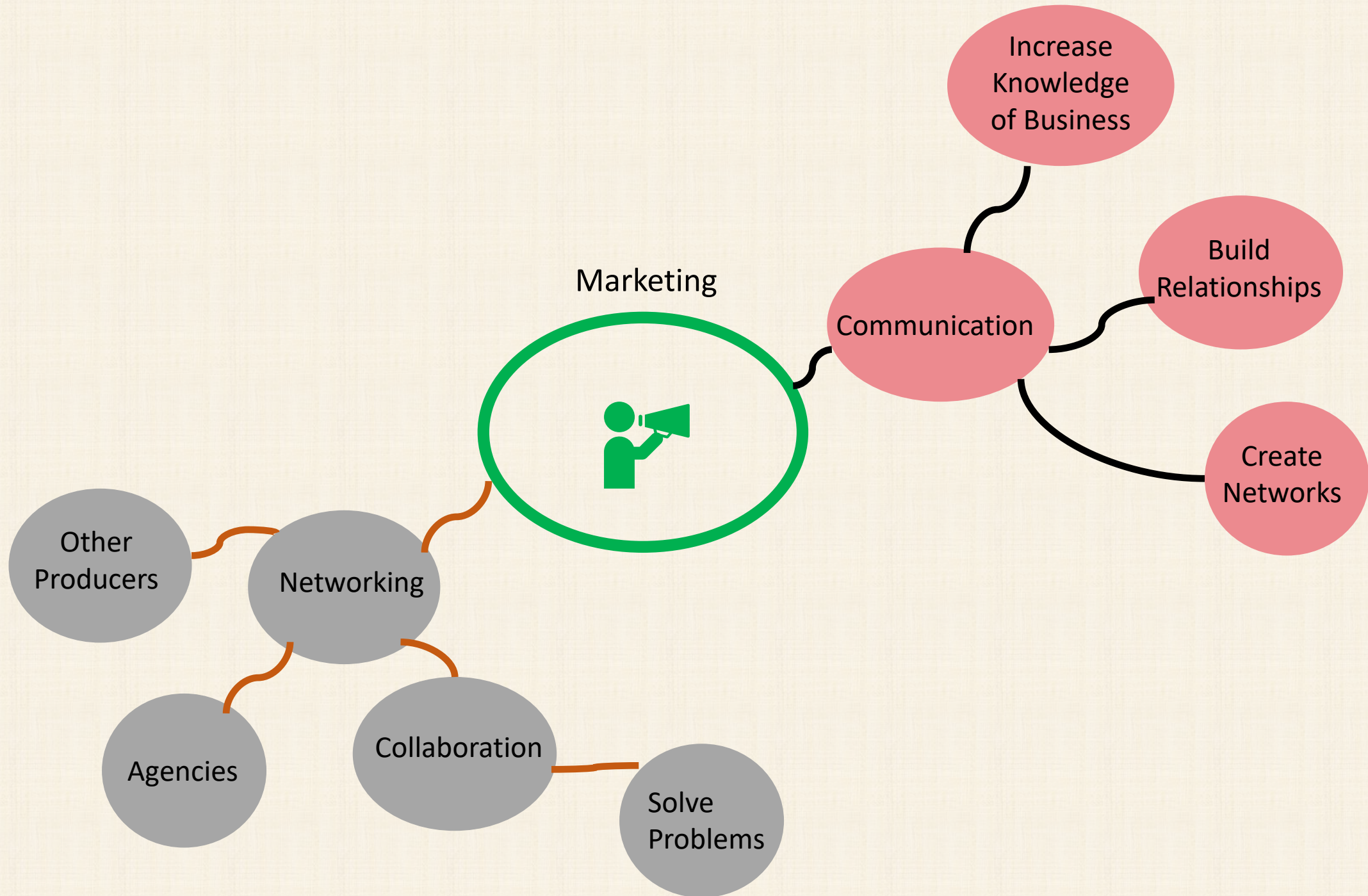
- Business related
- Public education & outreach
- Animal welfare
- Animal production, husbandry, and training
- Operations
- Infrastructure

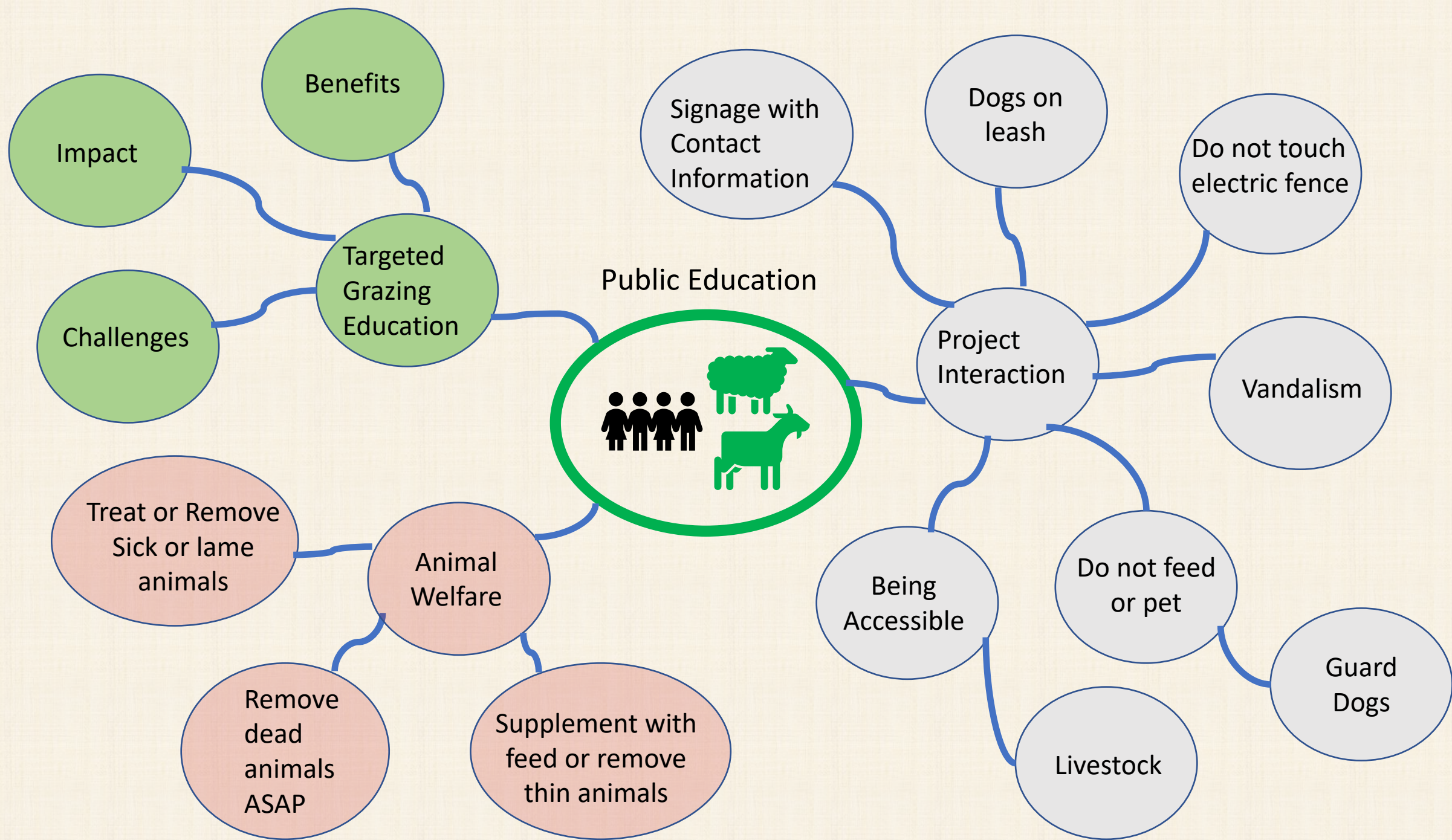


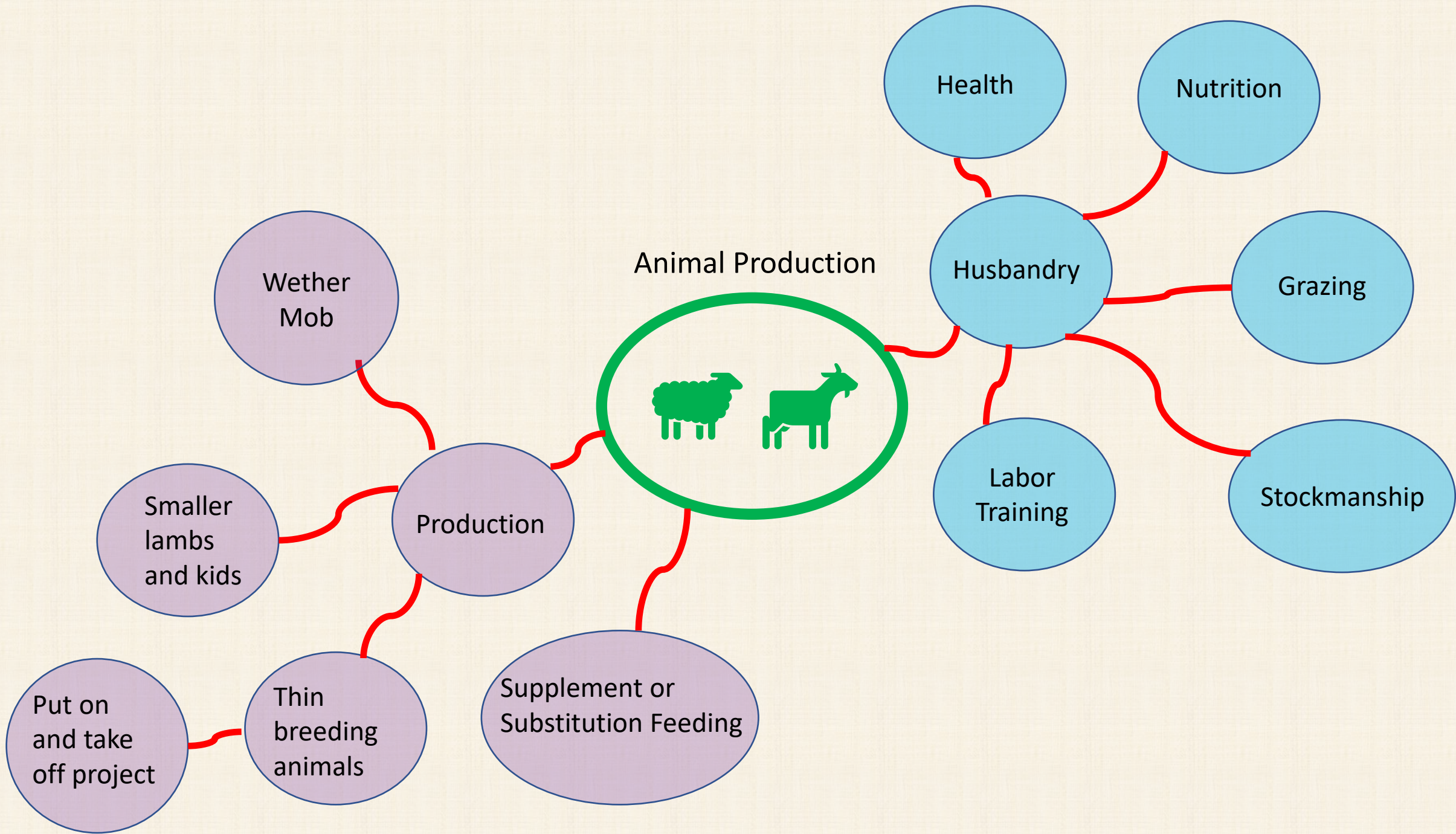


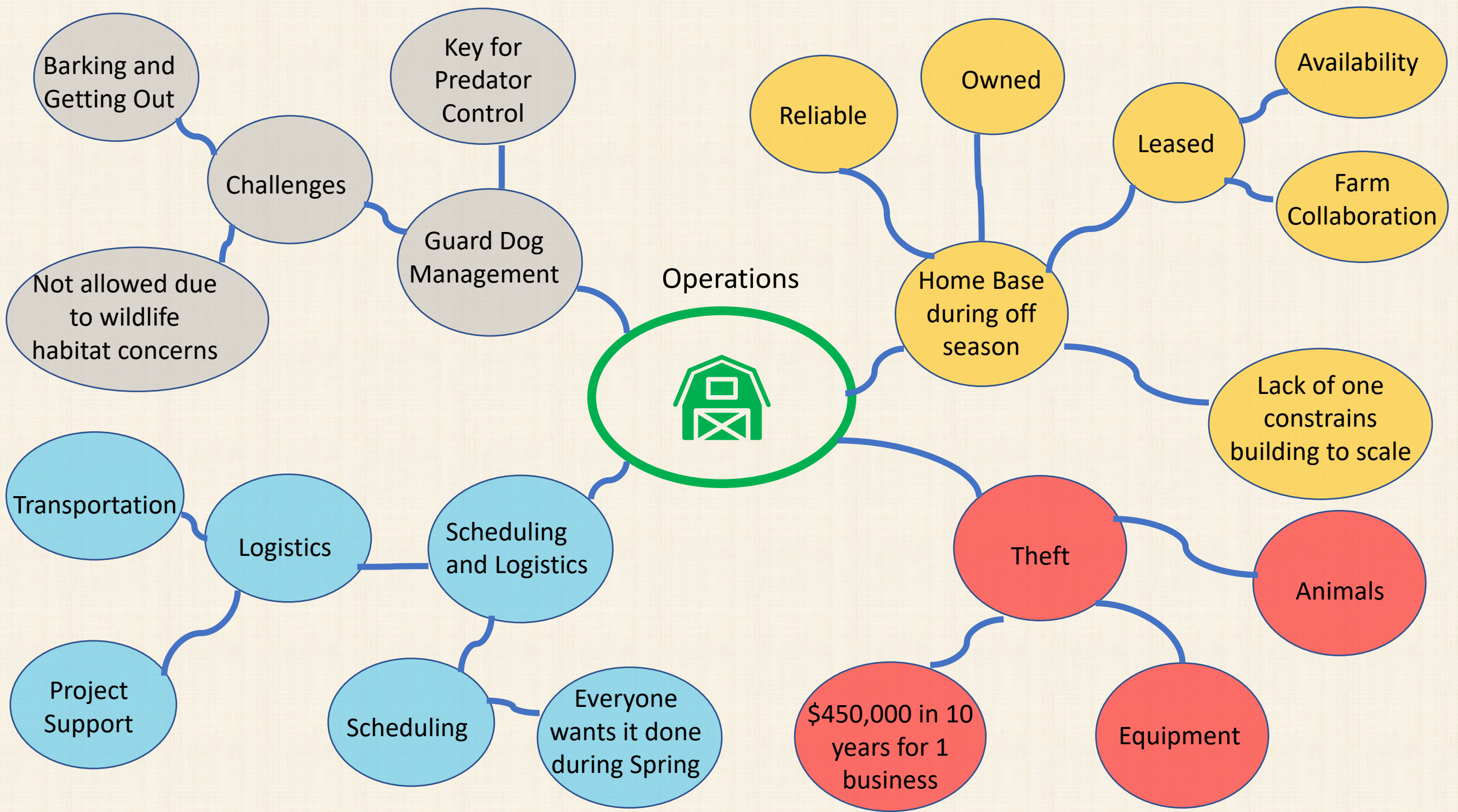


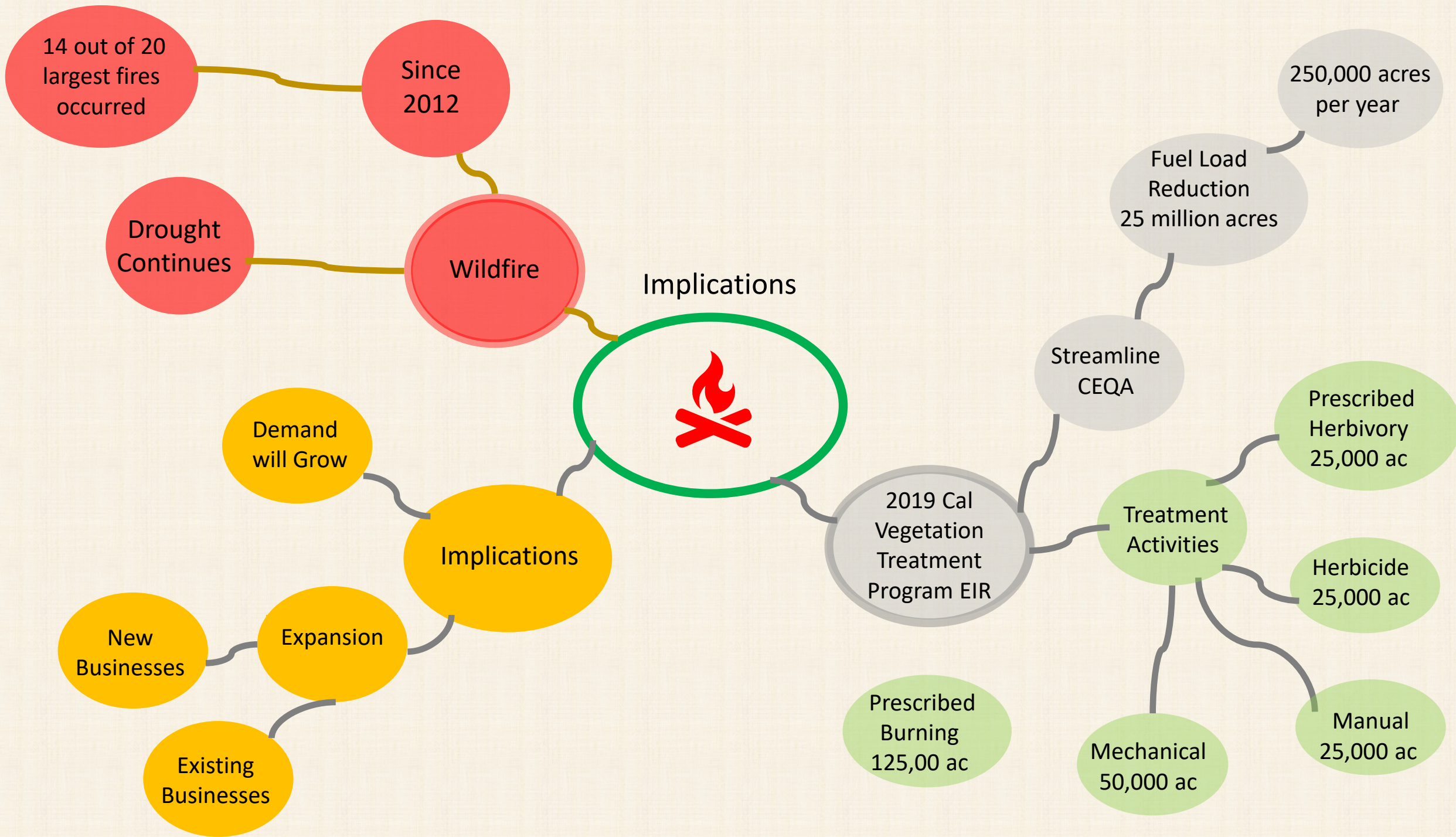












Implications



Since 2012

14 out of 20 largest fires occurred

Drought Continues

Wildfire

Demand will Grow

Implications

Expansion

New Businesses

Existing Businesses

2019 Cal Vegetation Treatment Program EIR

Streamline CEQA

Fuel Load Reduction 25 million acres

250,000 acres per year

Treatment Activities

Prescribed Herbivory 25,000 ac

Herbicide 25,000 ac

Prescribed Burning 125,000 ac

Mechanical 50,000 ac

Manual 25,000 ac

New Businesses Needed and/or Expansion of Existing Ones

item	New Business
Number of acres annually grazed according to CalVTP	25,000
Number of acres 500 head can graze in six month period	500
Number of new businesses needed (25,000 acres/500 acres per business)	50
Number of sheep/goats new business needs to purchase to graze 500 acres	500
Animal cost/head	200
Animal cost/business	100,000

Needed Infrastructure

Item	Unit Cost	# Units	Total
Truck	50,000	1	50,000
Livestock Trailer	22,500	1	22,500
Shepherd Trailer	10,000	1	10,000
Water Trailer, pump, 1000 gallon tank	12,000	1	12,000
Utility Trailer	5,000	1	5,000
ATV	10,000	1	10,000
Electric netting	175	30	5,250
Energizers	600	2	1,200
Solar Panels	600	2	1,200
Deep cycle batteries	110	4	440
Voltmeter, ground rods	100	1	100
Total			117,690

