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ХӨНГӨН ҮЙЛДВЭРИЙН ЯАМ



Food and Agriculture  
Organization of the  
United Nations

Global Agenda for  
Sustainable Livestock



# ACTION PLAN FOR THE MONGOLIAN AGENDA FOR SUSTAINABLE LIVESTOCK

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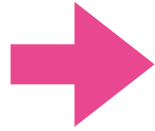
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**GLOBAL AGENDA FOR SUSTAINABLE LIVESTOCK**

8<sup>th</sup> MSP meeting Ulaanbaatar, Mongolia, 11-15. June 2018

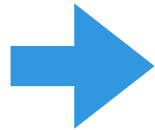
# CONTENT



**1. Current Situation of Mongolian livestock sector**



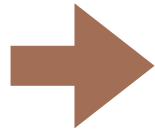
**2. Main problems of the sector**



**3. Government policies in livestock sector**



**4. Action Plan of Mongolian Agenda for Sustainable Livestock (MASL)**



**5. Proposed activities to collaborate with GASL**



1. CURRENT SITUATION



2. MAIN PROBLEMS



3. GOVERNMENT POLICIES



4. ACTION PLAN OF MASL



5. PROPOSAL TO GASL



# 1. CURRENT SITUATION OF LIVESTOCK SECTOR



1. CURRENT SITUATION



2. MAIN PROBLEMS



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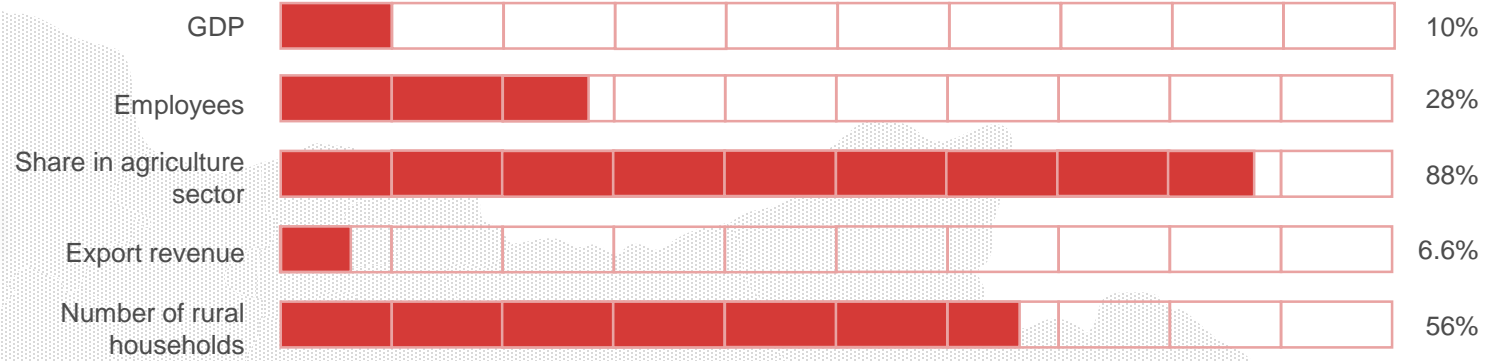
# CONTRIBUTION FOR THE MONGOLIAN ECONOMY

**1** AGRICULTURAL AREA 114931.1 thous.ha

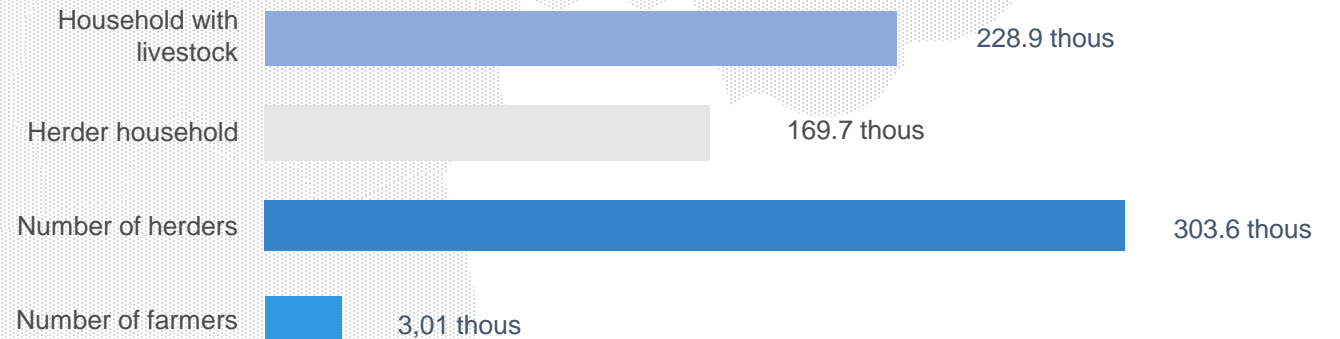
**2** Pastureland area 110490.0 thous.ha

**3** Hay area 1742.4 thous.ha

Livestock sector, by 2016

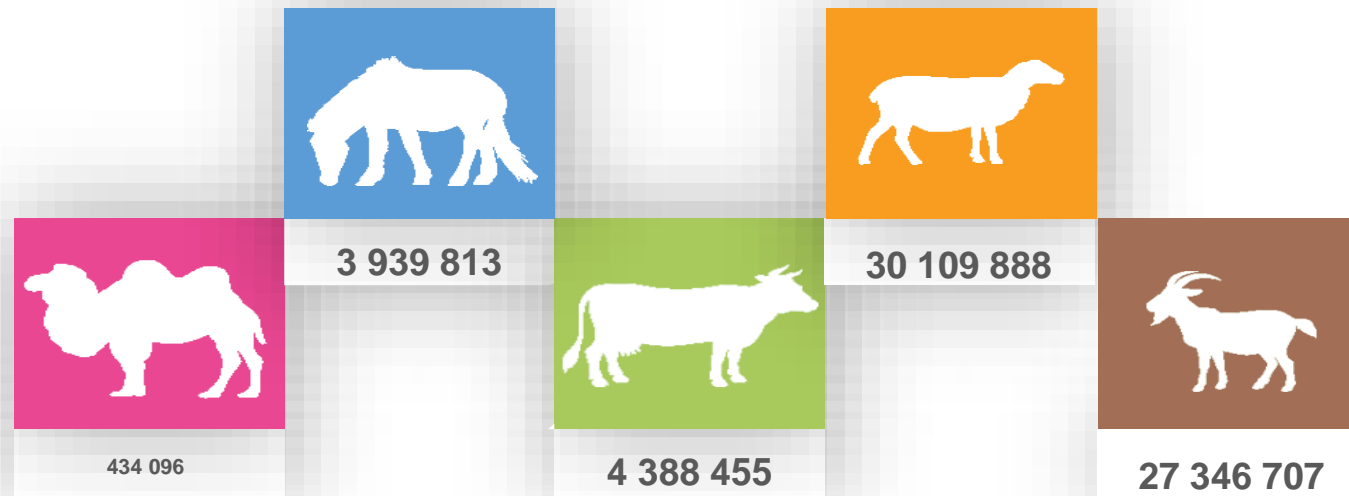


28 percent of total labor force of Mongolia is in Share of labor force in livestock sector

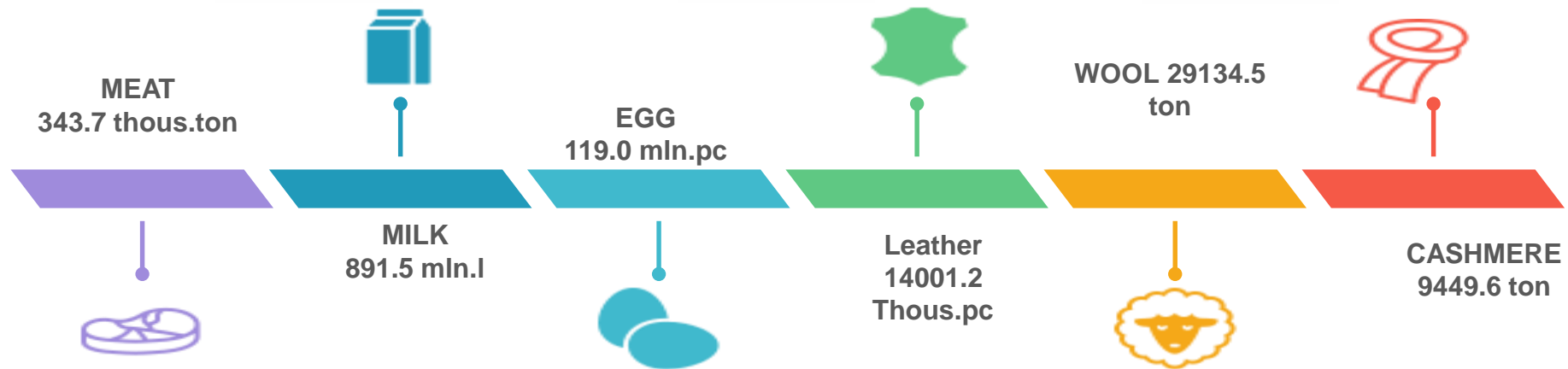




Total number of livestock is 66.2 mln heads by 2017



Raw material resources of livestock sector





## Main export commodities

	2013	2014	2015	2016	2017
Meat, ton					
Frozen beef	-	480	847,7	695,1	600
Mutton and goat meat	403,4	-	39,0	237,7	2601.6
Horse meat	2597,8	1822,2	3856,9	7983.6	26118.7
By product	790,4	202,8	42,7	8.4	127.9
Wool and cashmere, ton					
Sheep wool	2370,4	7351,3	11450,3	14090.7	16053.8
Raw cashmere	4070,3	4035,4	4988,2	5413.5	5409.7
Combed cashmere	564,5	636,6	558,9	509	581.1
Camel wool	991,0	1090,1	484,9	739,8	1204.8
Hides, thous. pieces					
Horse	209,7	65,4	6,2	415	171.02
Cattle	140,5	174,6	111,7	45.4	-





# 2. MAIN PROBLEMS OF THE SECTOR



1. CURRENT SITUATION



2. MAIN PROBLEMS



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4. ACTION PLAN OF MASL

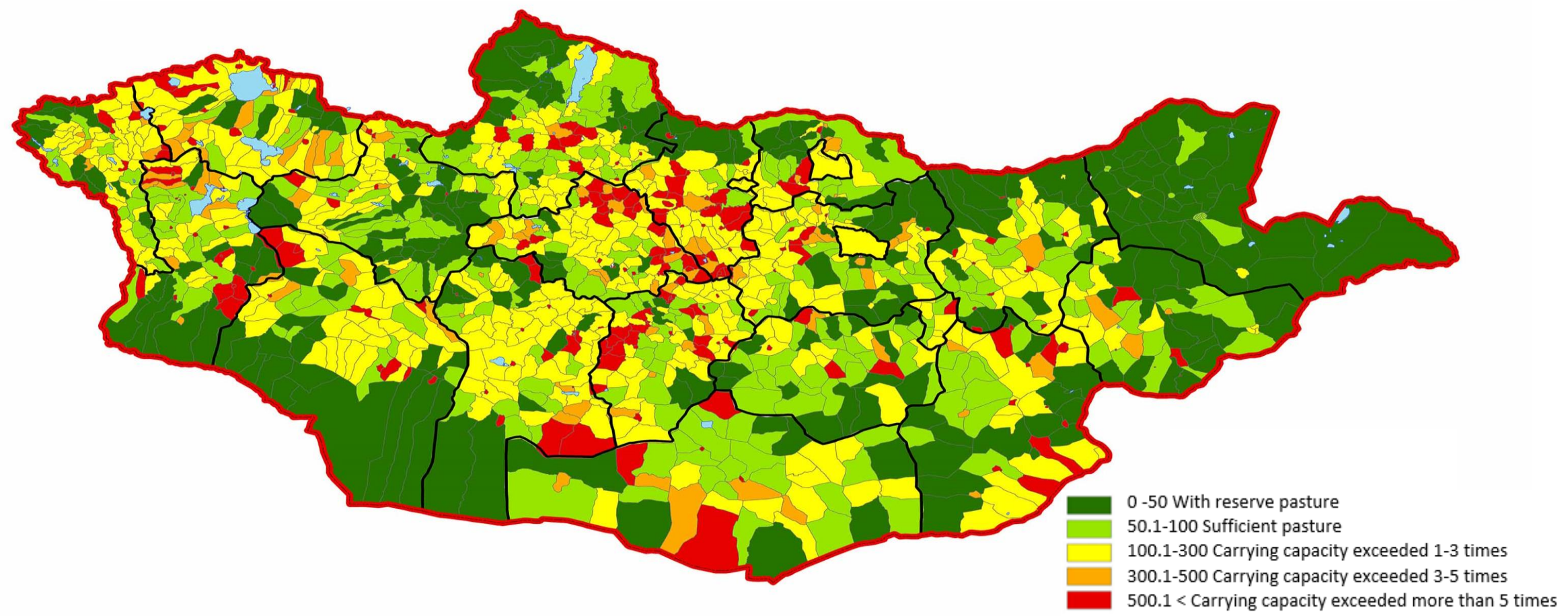


5. PROPOSAL TO GASL





# PASTURE CARRYING CAPACITY OF SPRNIG AND WINTER PASTURE, %, 2015-2016, BY BAG AREA



Develop by National Agency for Meteorology and Environmental Monitoring, August 25, 2015



 1. CURRENT SITUATION	 2. MAIN PROBLEMS	 3. GOVERNMENT POLICIES	 4. ACTION PLAN OF MASL	 5. PROPOSAL TO GASL
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# Decrease of livestock productivity and sectoral economic efficiency



- Life weight decrease: Sheep by 1-2 kg, Cattle by 30 kg (2004-2014)
- Carcasses weight of small animals decreased by 13.9% (1990-2016)
- Daily milk yield of cow decreased 19% (2010-2015)

## Animal health and food security

- Herders do animal health service by themselves without professional guidance
- Unregulated not monitored animal drug use
- Limited access to veterinary services

## Herder young generation

- Share of 15-34 years old young herders was 55.7% in 1990, the share has declined by 37.5% into 34.8% in 2016
- Increased rural – urban migration

## Health, education and social issues of herders

- Share of herders households with less than 200 livestock is 43% in total number of herders households while their herd size accounts only 12% in total number of livestock
- Rural poverty level 26.4% in 2014 and increased into 39.4% in 2016, and rural poverty level always higher than urban poverty level



1. CURRENT  
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# 3. GOVERNMENT POLICIES IN LIVESTOCK SECTOR



1. CURRENT SITUATION



2. MAIN PROBLEMS



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5. PROPOSAL TO GASL

# Review of current policy documents in livestock sector:



Law of Mongolia	<ul style="list-style-type: none"><li>· Law on Genetic Fund of Livestock</li><li>· Law on Protection of Livestock Health</li></ul>
Resolutions of Parliament	<ul style="list-style-type: none"><li>· Sustainable Development Goals of Mongolia – 2030</li><li>· State policy on food and agriculture sector</li><li>· State policy on herders</li><li>· State Policy on Medicine</li><li>· Action Programme of the Government of Mongolia 2016-2020</li><li>· Mongolian Livestock National Programme</li></ul>
Government Resolution	<ul style="list-style-type: none"><li>· Animal Health National Programme /2018 #12/</li><li>· Improving of live animal and meat export /2017 #318/</li><li>· Increase of meat production /2017 #14/</li><li>· Sub Programme to support livestock sector production /2016 #114/</li><li>· Meat National Programme/2015 #492/</li><li>· Amendment on regulation /Sheep, camel wool subsidy /2015 #122/</li></ul>
Documents to be developed	<ul style="list-style-type: none"><li>· Pasture law /draft/</li><li>· National program of supporting intensive animal husbandry development</li><li>· Mongolian Livestock National Programme /proposal/</li></ul>

Source: MOFALI (2017) Policy of Livestock Sector in Mongolia, <http://mofa.gov.mn/exp/blog/7/240>



1. CURRENT SITUATION



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# 4. ACTION PLAN OF MONGOLIAN AGENDA FOR SUSTAINABLE LIVESTOCK (MASL)



1. CURRENT  
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2. MAIN  
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## 4. GOAL

The goal of the MONGOLIAN AGENDA FOR SUSTAINABLE LIVESTOCK (MASL) action plan is to support the sustainable development of the Mongolian livestock sector as economically efficient while implementing sustainable pastureland management, enhancing food security and safety and social inclusiveness, and strengthening stakeholder partnerships and participation.



1. CURRENT  
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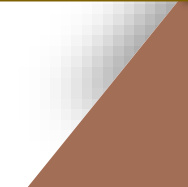


4. ACTION PLAN  
OF MASL



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# OBJECTIVES







## ACTIVITIES: OBJECTIVE-1. PASTURELAND, WATER RESOURCES, CLIMATE



- **Establish “Sustainable livestock” revolving fund” in the local areas, which is replenished by pasture use fee.**
- Conduct the scientific research and assessments on state of the pastureland and pastoral livestock sector
- **Embed development of innovations and technologies**
- Increase pastureland water supply
- Improve, irrigate and protect the hay making areas
- Support pastureland fallow and establishing improved reserve pastureland
- **Develop management information system, traceability system and raw materials and products**



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## ACTIVITIES: OBJECTIVE 2. EFFICIENCY AND PRODUCTIVITY



- Develop optimization model for sustainable livestock sector
- Conduct a feasibility study to reintroduce procurement system of livestock raw materials and products, and enable the legal environment for the system
- **Create production of livestock products for targeted markets**
- Develop intensive livestock farming in peri-urban and crop area
- **Develop light industries to process livestock products, and support primary processing in local areas ...**
- Conduct a study to launch 'Unique Mongolian' products, introduce and develop technology



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## ACTIVITIES: OBJECTIVE-3. VETERINARY, BREEDING AND FOOD SAFETY



- **Establish nation wide system of disease early diagnose and precaution**
- Introduce appropriate medicine use for livestock
- Introduce technology and equipment on technical services for veterinary and animal breeding
- **Support livestock husbandry that is adaptable to the local conditions, and support the demand driven livestock selection and breeding services**
- Revise strategic plan of animal breeding services in Mongolia through extensive discussions among professional organizations
- Develop a project on “possibilities to improve trading of genetic resource of Mongolian livestock” in partnership with the UN Committee for Animal Genetic Resources
- Take actions to reduce trade barriers, support export
- Establish monitoring system on food security and quality of some livestock product



1. CURRENT SITUATION



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## ACTIVITIES: OBJECTIVE-4. RURAL DEVELOPMENT, POVERTY, INCOME INEQUALITY, SOCIAL SERVICE



- **Improve the capacities of local professionals and officials**
- **Encourage young professionals and graduates to work in the rural areas...**
- Access to social welfare systems .... train ...
- **Conduct trainings for young herders to learn from senior or experienced herders through learning methods of practical field demonstrations and distance learning**
- Develop policies for reducing income inequality, and supporting a prosperous rural middle class
- Support policies for securing and increasing job positions of assistant herders



1. CURRENT SITUATION



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## ACTIVITIES: OBJECTIVE-5. PARTNERSHIP



- Improve the participation of all stakeholders ...increase the investment
- Apply information technology and management information systems to monitor and evaluate the implementation and progress of the sustainable livestock sector
- ... establish “Comprehensive data and research network of livestock sector”
- Support stakeholder partnerships to encourage young persons to work for the livestock sector
- **Promote and advocate for the value and importance of the livestock sector to the public**
- **Establish a platform to deliver livestock extension services through partnerships**



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# CRITERIA



No	CRITERIA	Measurement unit	BASELINE (YEAR)	TARGET LEVEL (IN 2020)
1.1	<b>Number of livestock that exceeds the pastureland carrying capacity</b>	<b>Million Sheep Unit</b>	<b>25</b>	<b>20</b>
2.2	Gross livestock output per herder household, estimated by production method	Million MNT	21.76	30
2.3	<b>Export of livestock products</b>	<b>Million USD</b>	<b>361.4</b>	<b>400</b>
3.3	Number of occurrences of livestock infectious diseases	Number of soums were disease was registered, double counting	598	300
3.5	<b>Number of livestock per veterinarian</b>	Thousand heads of livestock	<b>39.2</b>	<b>30</b>
4.1	Share of herders who paid social insurance fee in total number of herders	%	19.3	40
4.2	Rural poverty rate	%	<b>39.4</b>	<b>30</b>
5.1	Total investment to the agriculture sector	Bln MNT	147.5	170
5.2	<b>Share of herders at age of 15-34 in total number of herders</b>	<b>%</b>	<b>34.8</b>	<b>38</b>



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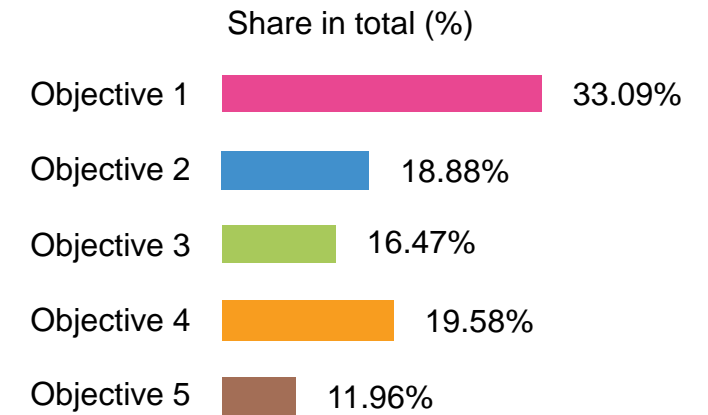
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# Budget To Implement The Action Plan



	Objectives	Billion MNT	Million USD
 Objective 1	Pastureland, water resources, climate	38.77	16.0
 Objective 2	Efficiency, productivity	22.12	9.2
 Objective 3	Veterinary, breeding, food safety	19.3	8.0
 Objective 4	Rural development, poverty, social service	22.95	9.5
 Objective 5	Partnership	14.02	5.8
	<b>TOTAL</b>	<b>117.16</b>	<b>48.5</b>





# 5. PROPOSED ACTIVITIES TO COLLABORATE WITH GASL



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No.	Activities
1.4	Conduct the scientific research and assessments on state of the pastureland and pastoral livestock sector
1.9	Develop management information system of livestock sector, traceability system of livestock raw materials and products, and expand livestock registration system
2.5	Develop light industries to process livestock products, and support primary processing in local areas
3.3	Improve efficiency and quality of livestock through introducing technology and equipment on technical services for veterinary and animal breeding, develop mechanization and automatization appropriate for pastoral livestock
4.3	Organize trainings for herders to provide up-to-date information and knowledge, for instance on topic of “Opportunities and ways to benefit from social welfare services”
5.2	Apply information technology and management information systems to monitor and evaluate the implementation and progress of the sustainable livestock sector; and to establish “Comprehensive data and research network of livestock sector”
5.5	Establish a platform to deliver livestock extension services to all stakeholders through strong partnerships



# THANK YOU VERY MUCH FOR YOUR ATTENTION !

GLOBAL AGENDA FOR SUSTAINABLE LIVESTOCK

GOVERNMENT OF MONGOLIA  
MINISTRY OF FOOD, AGRICULTURE AND LIGHT INDUSTRY

Food and Agriculture Organization of the United Nations

GLOBAL AGENDA FOR SUSTAINABLE LIVESTOCK

8<sup>th</sup> MSP meeting Ulaanbaatar, Mongolia, 11-15. June 2018

The image shows the cover of a report titled 'Global Agenda for Sustainable Livestock'. At the top, it features logos for the 'GLOBAL AGENDA FOR SUSTAINABLE LIVESTOCK', the 'GOVERNMENT OF MONGOLIA MINISTRY OF FOOD, AGRICULTURE AND LIGHT INDUSTRY', and the 'Food and Agriculture Organization of the United Nations'. The central graphic is a large, curved banner composed of numerous national flags and logos of international organizations, including the OECD, ADB (Asian Development Bank), and the World Bank Group. Below the banner is a stylized logo of a person with arms raised, with a red symbol above it. At the bottom, the title 'GLOBAL AGENDA FOR SUSTAINABLE LIVESTOCK' is written in large, bold letters, followed by the text '8<sup>th</sup> MSP meeting Ulaanbaatar, Mongolia, 11-15. June 2018'.