



Development of FADN in Kosovo



24th Pacioli workshop, Prishtina

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Ministry of Agriculture, Forestry, and Rural Development



Development of FADN in Kosovo

- **Funded by the European Agency for Reconstruction - EU, in 2005 an FADN pilot project started including 50 farms. This network was expanded to 159 farms in 2006, continuing with an increase in the number of holdings to 300 in 2008.**
- **FADN sample 2013 and 2014 includes 394 farms.**
- **Legal Framework - Administrative Instruction no. 06/2011 determines the criteria for the farms to be included in the system of farm accountancy, for the establishment of the data collection network, agriculture household accountancy and for the identification of the annual income.**



Data Collection:

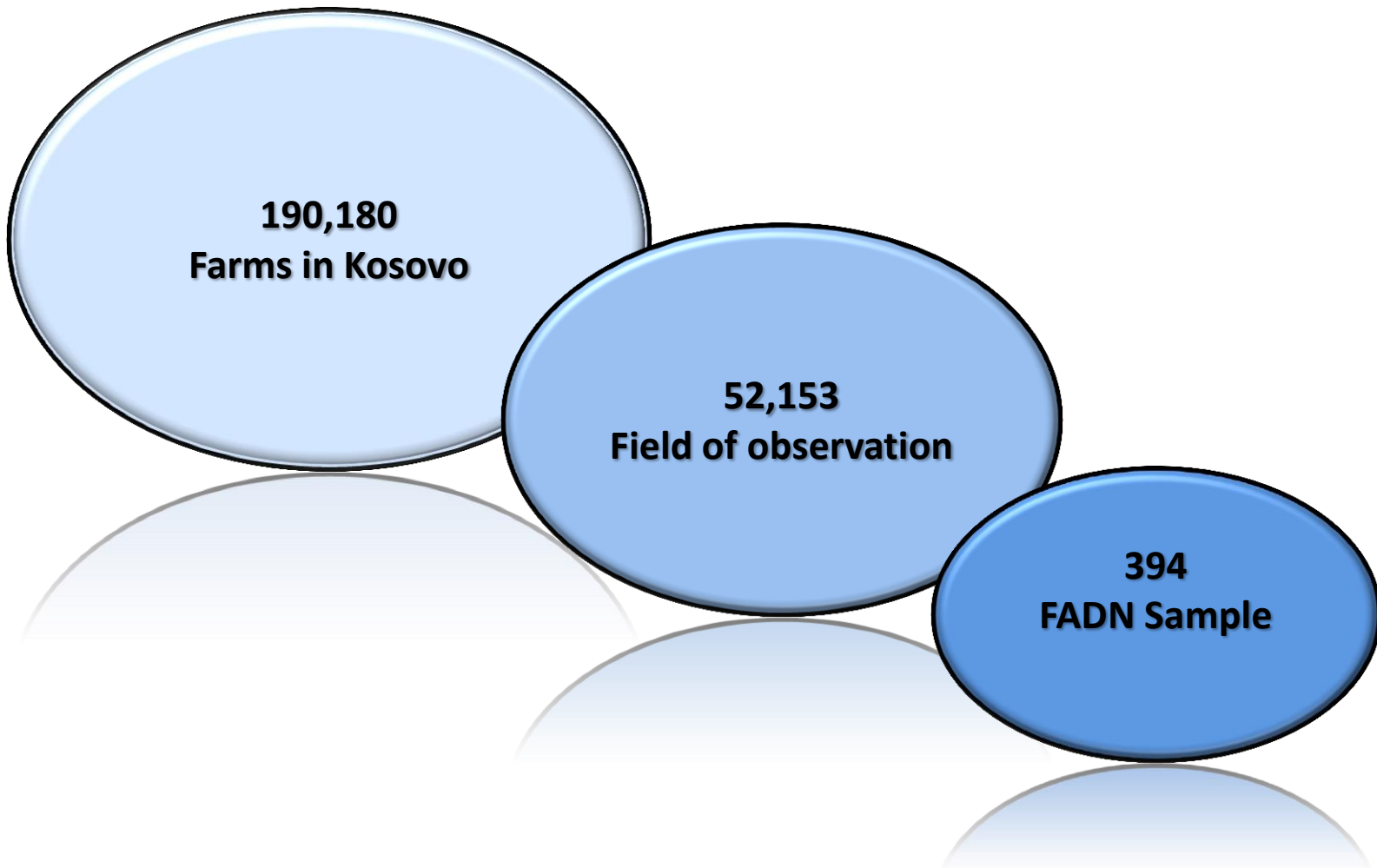
- **Until 2012, data collected by advisory services;**
- **Since 2013, MAFRD contracted a company.**
 - **10 data collectors trained in data collection and recording by FADN experts;**
 - **Collection of data in different regions of Kosovo**
- **Farms in most cases do not keep records of farm activities**
- **Participation of farms – voluntary;**



- **There is limited number of specialized and commercial farms in Kosovo.**
- **Agricultural holdings are very small and mostly semi-subsistent.**
- **Holdings usually rely on a range of enterprises**
- **Economic Size threshold – 2,000 €**
- **Standard Output per farm – 9,175 €**
- **70% of farms with economic size less than 2,000 €**
- **40% of farms are mixed crop and livestock**

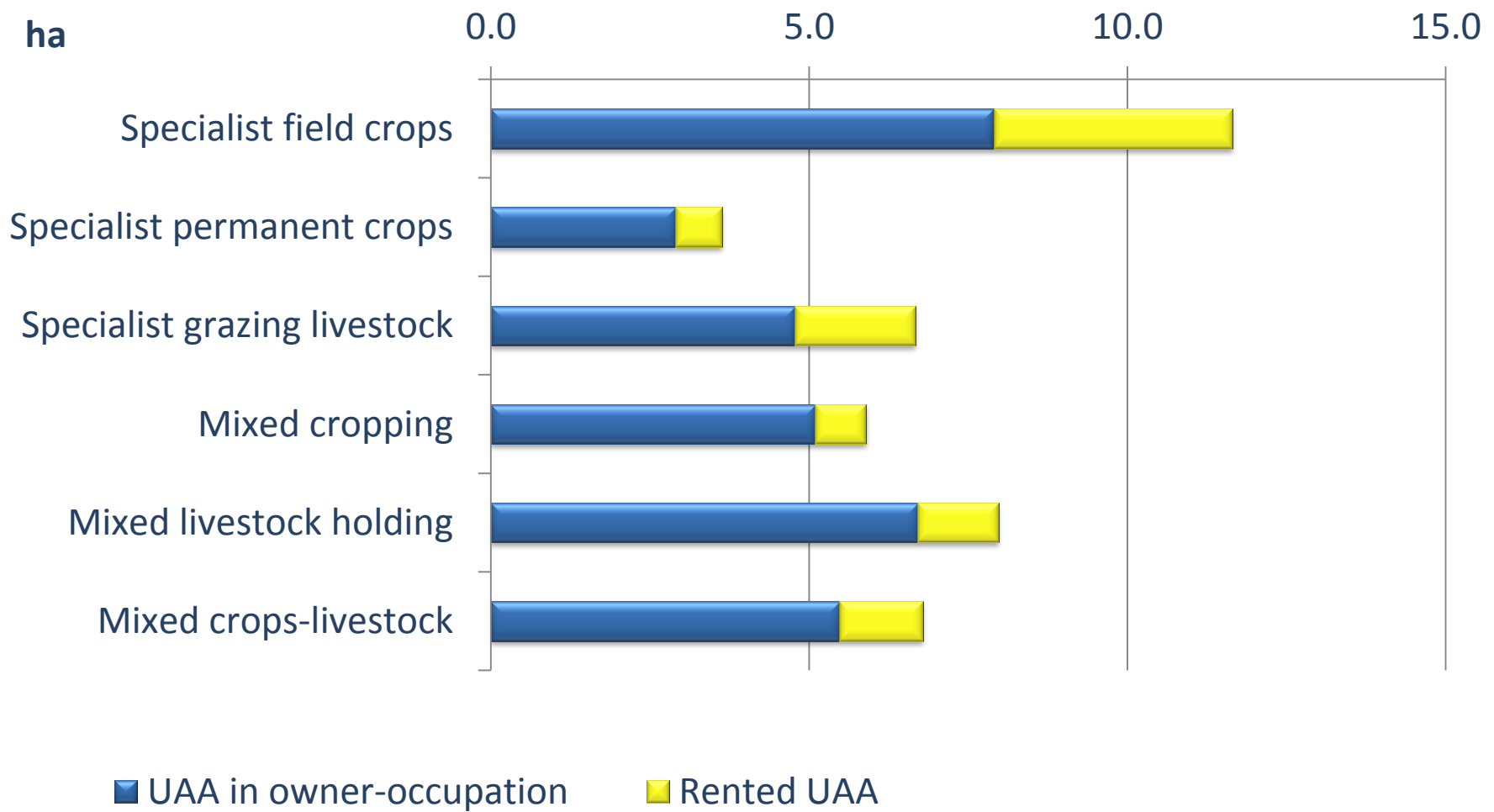


**Until FADN 2014, data used from the Agricultural Household Survey
Latest CENSUS data for 2014 published in November 2015**



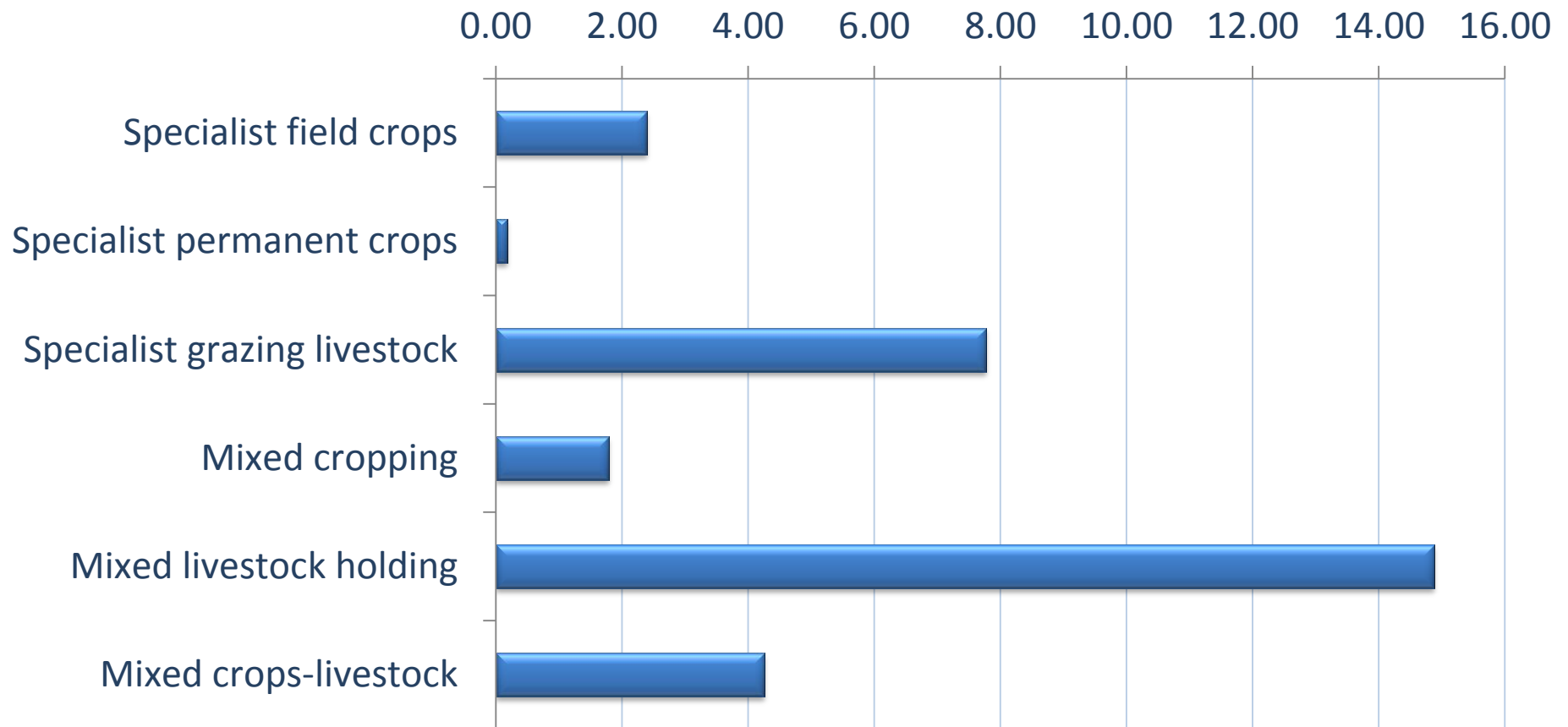


Land use by type of farming, FADN 2014



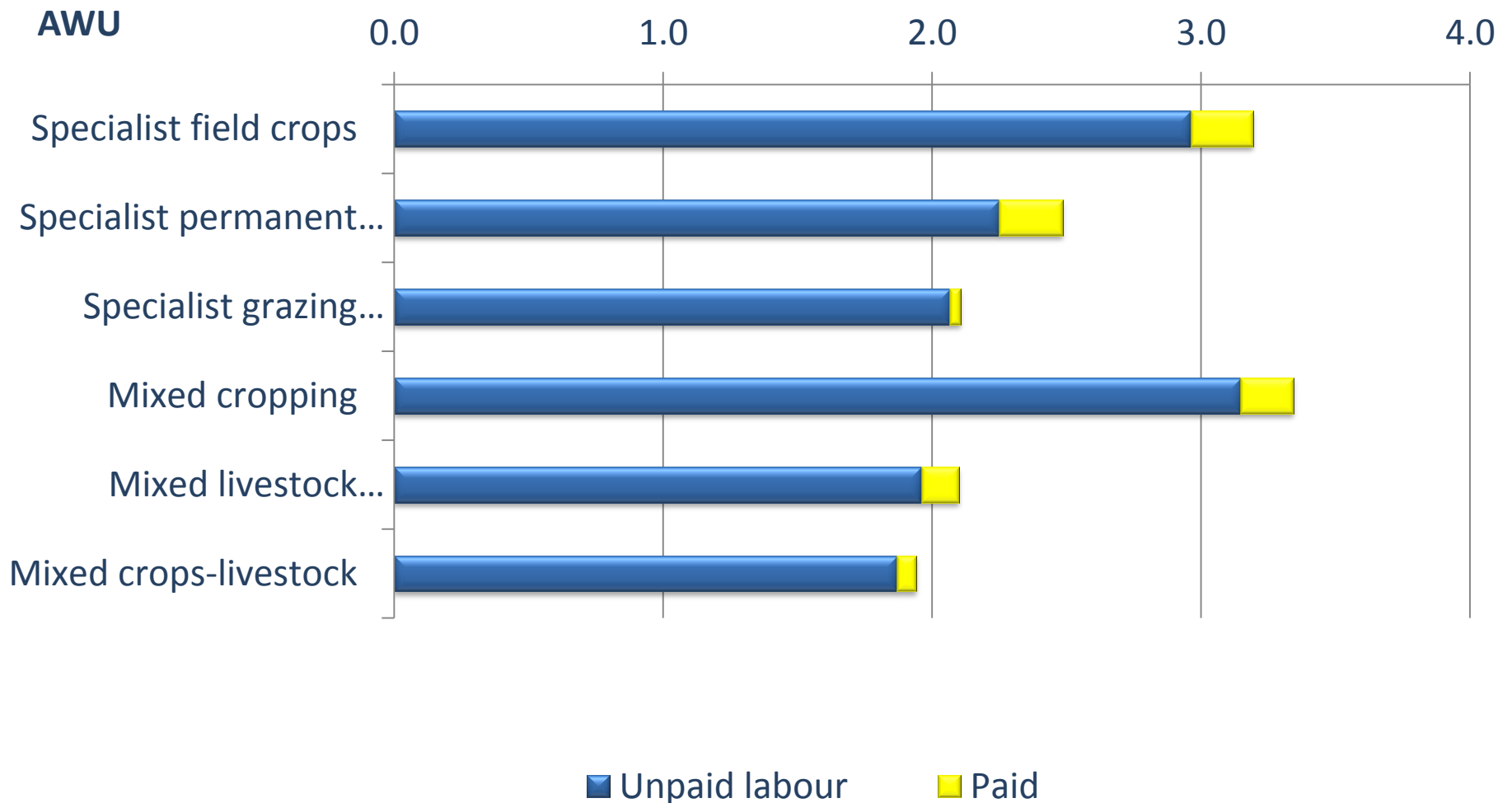


LSU by type of farming, FADN 2014



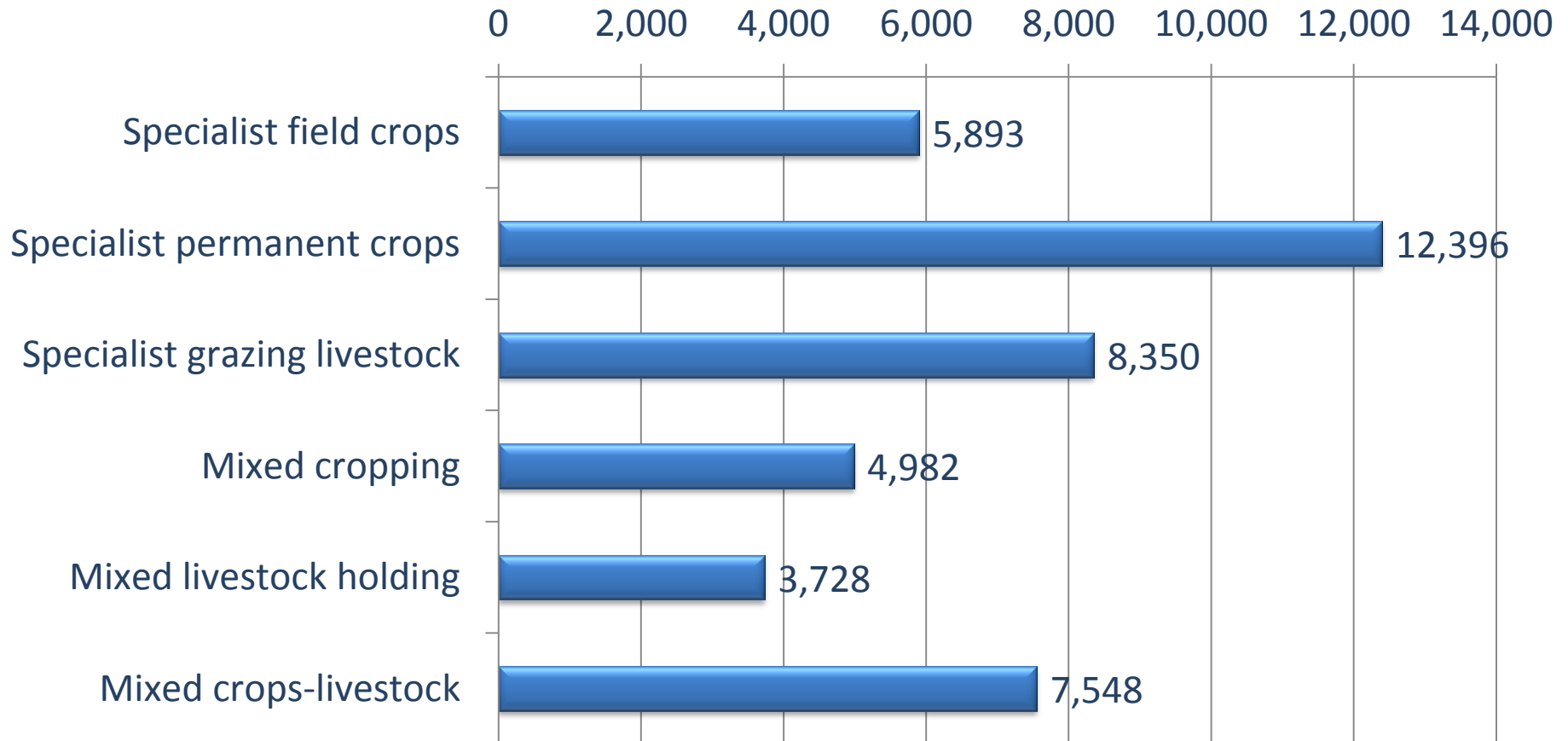


Labour input by type of farming, 2014



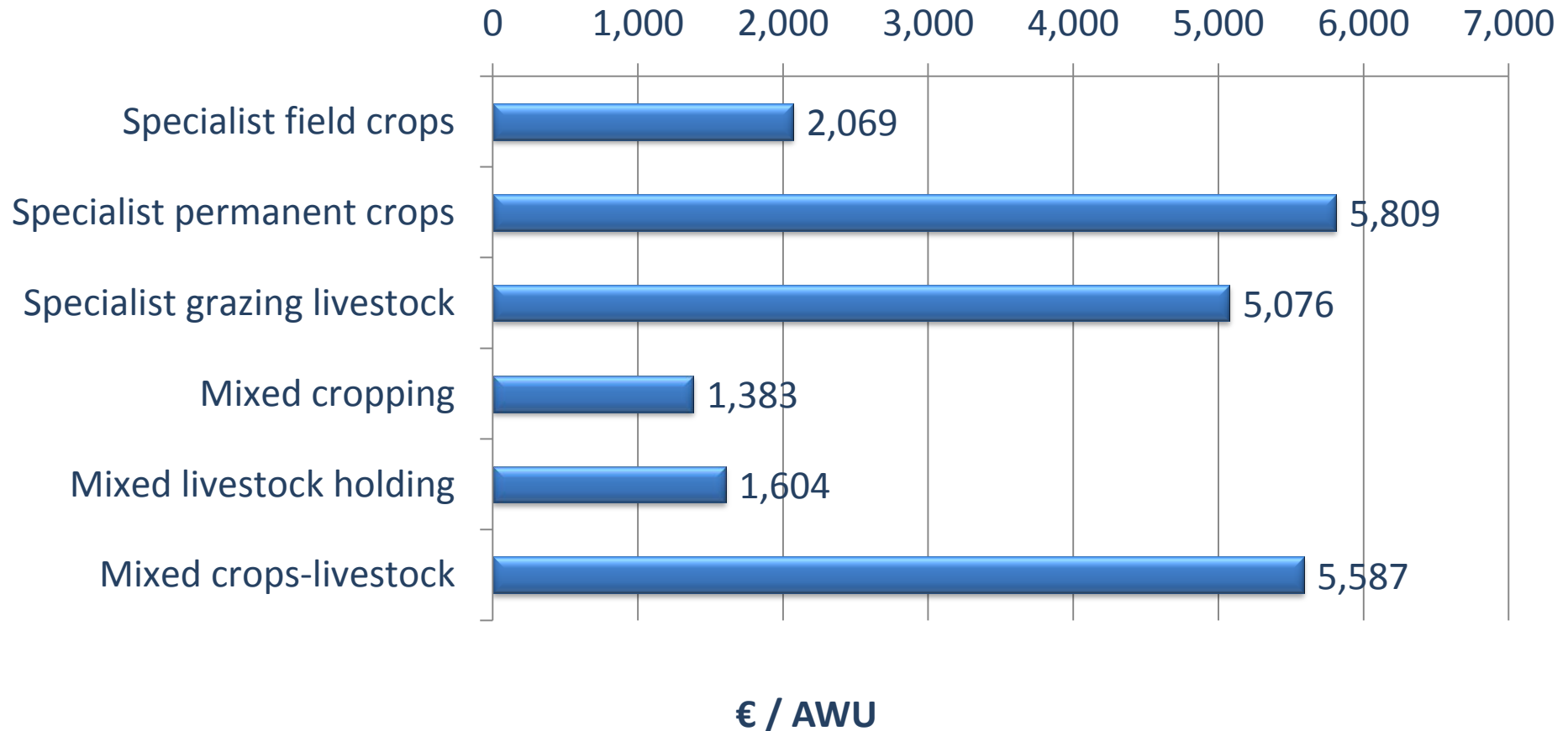


Farm income, FADN 2014





FNVA per AWU by type of farming, 2014





FADN 2016

- **New sample designed based on results from Agriculture Census 2014**
- **number of agriculture holdings 130,775**
- **average UAA 3.2 ha**
- **63% of farms have less than 2 ha**
- **average livestock unit per agriculture holding is 2.1 LSU**
- **75% of farms have less than 1 LSU**



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- **Agriculture holdings have been classified based on type of farming and economic size**
- **The determination of these elements is based on the standard output coefficients and on structural data of holding.**
- **Data used to calculate SO**
 - **Yield (average yield in a country)**
 - **Quantities produced**
 - **Prices**
 - **Cultivated area**
 - **Number of animals present and slaughtered**
 - **Technical information as length of production cycle,**
 - **productivity of animal mortality of new born, etc.**



Farms based on Agriculture Census 2014

Economic size classes	Number of holdings	% in total number of holdings	So, million €	% of total SO	UAA, thousand ha	% of total UAA	LSU, thousand	% of total number of LSU
1	59,659	45.62	59	8.40	55	13.38	30	10.70
2	30,545	23.36	87	12.41	64	15.57	47	16.52
3	21,164	16.18	119	16.86	79	19.09	57	20.38
4	15,225	11.64	202	28.71	122	29.42	83	29.40
5	2,914	2.23	98	13.93	52	12.67	32	11.51
6	930	0.71	62	8.81	24	5.83	15	5.25
7	322	0.25	54	7.67	15	3.70	13	4.62
8	16	0.01	23	3.22	1	0.34	5	1.63
Total	130,775	100	703	100	413	100	282	100



Representativity of FADN sample 2016

- **Farms in the field of observation covers:**
 - **54% of total number of agriculture holdings**
 - **91.6% of total standard output**
 - **86.6% of total UAA**
 - **89.3% of total LSU**



Field of observation 2014

		Economic size class							Total
		2,000- 4,000	4,000- 8,000	8,000- 25,000	25,000- 50,000	50,000- 100,000	100,000- 500,000	> 500,000	
1	Specialist field crops	6,914	3,835	3,095	983	404	117	3	15,351
2	Specialist horticulture	76	105	194	117	93	51	1	637
3	Specialist permanent crops	877	945	1,028	193	63	20	4	3,130
4	Specialist grazing livestock	4,937	2,631	2,145	447	95	14	1	10,270
5	Specialist granivores	1,026	779	314	43	43	69	7	2,281
6	Mixed cropping	1,551	1,491	1,233	194	48	15		4,532
7	Mixed livestock holding	3,769	2,522	1,225	120	18	4		7,658
8	Mixed crops-livestock	11,395	8,856	5,991	817	166	32		27,257
	Total	30,545	21,164	15,225	2,914	930	322	16	71,116



Selection plan 2016

		Economic size class							Total	%
		I	II	III	IV	V	VI	VII		
1	Specialist field crops	122	67	54	17	7	2	0	270	22
2	Specialist horticulture	1	2	3	2	2	1	0	11	1
3	Specialist permanent crops	15	17	18	3	1	0	0	55	4
4	Specialist grazing livestock	87	46	38	8	2	0	0	181	14
5	Specialist granivores	18	14	6	1	1	1	0	40	3
6	Mixed cropping	27	26	22	3	1	0	-	80	6
7	Mixed livestock holding	66	44	22	2	0	0	-	135	11
8	Mixed crops-livestock	200	156	105	14	3	1	-	479	38
	Total	537	372	268	51	16	6	0	1250	100
	%	43	30	21	4	1	0	0	100	



Future developments

- **Drafting the law for FADN**
- **Creating a new software for FADN**
- **Switching from face to face to electronic survey**
- **Create an FADN unit within the MAFRD**



THANK YOU!



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Development**

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