

1. Introduction

There are six EU Rural Development Priorities set for the 2014-2020 period. **Priority 5** aims at promoting resource efficiency and supporting the shift towards a low carbon and climate resilient economy in agriculture, food and forestry sectors, with a focus on the following areas:







- a) increasing efficiency in water use by agriculture ([Focus Area 5A](#));
- b) increasing efficiency in energy use in agriculture and food processing ([Focus Area 5B](#));
- c) facilitating the supply and use of renewable sources of energy, of by-products, wastes and residues and of other non food raw material, for the purposes of the bio- economy ([Focus Area 5C](#));
- d) reducing green house gas and ammonia emissions from agriculture ([Focus Area 5D](#));
- e) fostering carbon conservation and sequestration in agriculture and forestry ([Focus Area 5E](#)).






2. Expected achievements (EU-28)

This section provides information on the common target indicators defined for the Focus Areas under Priority 5 and examples of programme-specific target indicators defined by some RDPs to complement the common targets indicators. In addition, examples of common output indicators are introduced in this section.

COMMON TARGET INDICATORS*

-  **15.3 % of irrigated land switching to more efficient irrigation system**, equating to 1.3 million hectares of irrigated land.
-  **2.8 billion EUR of total investment** (public and private) **for energy efficiency**
-  **2.7 billion EUR of total investment** (public and private) **in renewable energy production**
-  **7.7 % of agricultural land targeting reduction of GHG and/or ammonia emissions**, equating to 5.2 mill hectares of EU agricultural land
-  **2 % of Livestock Units (LU) concerned by investments in view of reducing GHG and/or ammonia emissions**, equating to 1 mill LU
-  **2 % of agricultural and forest land contributing to carbon sequestration and conservation**, equating to 4 mill hectares of EU agricultural and forest land

PROGRAMME-SPECIFIC TARGET INDICATORS (Examples)

-  **Niedersach Bremen (Germany)** - Reduction of greenhouse gas emissions resulting from the use of moors/bogs: **3 750 tons of CO2 per year**
-  **Piemonte (Italy)** - Quantity of biomass mobilised in the market: **5 000 tons**
-  **Murcia (Spain)** - Quantity of water saved thanks to investments in infrastructure: **120 000 m3 per year**

COMMON OUTPUT INDICATORS (Examples**)

	EU TOTAL
No. of investments operations supported to increase efficient use of water by agriculture	13 925
No. of investments operations supported (in agricultural holdings, in processing and marketing of ag. products)	18 173
No. of investments operations supported on small scale infrastructure, including investments in renewable energy and energy saving	3 424
No. of investments operations supported (e.g. manure storage, manure treatment)	14 543

* Target value (%) at EU level are calculated on the basis of the total irrigated area, livestock units and agricultural & forestry land from the RDPs that activated the specific Focus Area.

** Selection of common outputs indicators from the complete list of common output indicators.

3. Expected achievements per Member State (1)

The following table shows, for each Member State, the common target and output indicators related to Priority 5 Focus Areas. The largest values are highlighted in green.

MS	Focus Area 5A Increase efficiency in water use by agriculture		Focus Area 5B Increase efficiency in energy use in agriculture and food processing
	Irrigated land switching to more efficient irrigation system (ha)	Percentage of irrigated land switching to more efficient irrigation system	Total investment for energy efficiency (mill EUR)
AT	1 600	6%	-
BE	-	-	218
BG	45 000	50%	217
CY	11 704	41%	-
CZ	-	-	-
DE	2 000	10%	557
DK	-	-	22
EE	-	-	20
ES	234 097	8%	212
FI	-	-	-
FR	63 010	5%	406
GR	51 000	5%	30
HR	-	-	-
HU	6 000	6%	888
IE	-	-	50
IT	458 359	21%	40
LT	-	-	-
LU	-	-	-
LV	-	-	28
MT	57	2%	1
NL	-	-	-
PL	-	-	-
PT	48 921	10%	100
RO	392 745	*294%	-
SE	-	-	-
SI	-	-	-
SK	-	-	-
UK	600	1%	29
EU-28	1 315 093	15.3%	2 819

* Romania has large-scale irrigation infrastructure, but significant part is degraded/poorly functional and not actually used (irrigated) in recent years, hence this statistical anomaly.

3. Expected achievements per Member State (2)

The following table shows, for each Member State, the common target and output indicators related to Priority 5 Focus Areas. The largest values are highlighted in green.

MS	Focus Area 5C Facilitate the supply and use of renewable sources of energy, of by-products, wastes and residues and of other non food raw material, for the purposes of the bio- economy	Focus Area 5D Reduce green house gas and ammonia emissions from agriculture			
	Total investment in renewable energy production (€)	Agricultural land under management contracts targeting reduction of GHG and/or ammonia emissions (ha)	Percentage of agricultural land under management contracts targeting reduction of GHG and/or ammonia emissions	No. of Livestock Units (LU) concerned by investments in live-stock management in view of reducing GHG and/or ammonia emissions	Percentage of LU concerned by investments in live-stock management in view of reducing GHG and/or ammonia emissions
AT	585	96 667	3%	-	-
BE	28	105 540	8%	177 000	6%
BG	150	7 000	0.2%	18 105	2%
CY	10	-	-	15 000	7%
CZ	26	-	-	-	-
DE	43	383 000	4%	-	-
DK	105	213	0.01%	86 447	2%
EE	21	466 800	50%	-	-
ES	187	127 769	3%	73 907	2%
FI	118	-	-	120 000	11%
FR	409	22 829	1%	-	-
GR	123	37 819	1%	180	0.01%
HR	161	12 000	1%	37 800	4%
HU	38	-	-	35 000	1%
IE	-	538 490	11%	11 500	0.2%
IT	336	392 161	6%	74 555	3%
LT	81	173 400	6%	-	-
LU	-	-	-	50 000	30%
LV	46	-	-	45 000	9%
MT	10	-	-	6 700	16%
NL	-	-	-	-	-
PL	-	-	-	-	-
PT	54	-	-	30	0.2%
RO	2	1 321 100	10%	21 749	0.4%
SE	75	-	-	99 000	6%
SI	-	-	-	-	-
SK	30	-	-	-	-
UK	72	1 487 766	21%	48 800	0.5%
EU-28	2 711	5 172 553	7.7%	920 773	2%

3. Expected achievements per Member State (3)

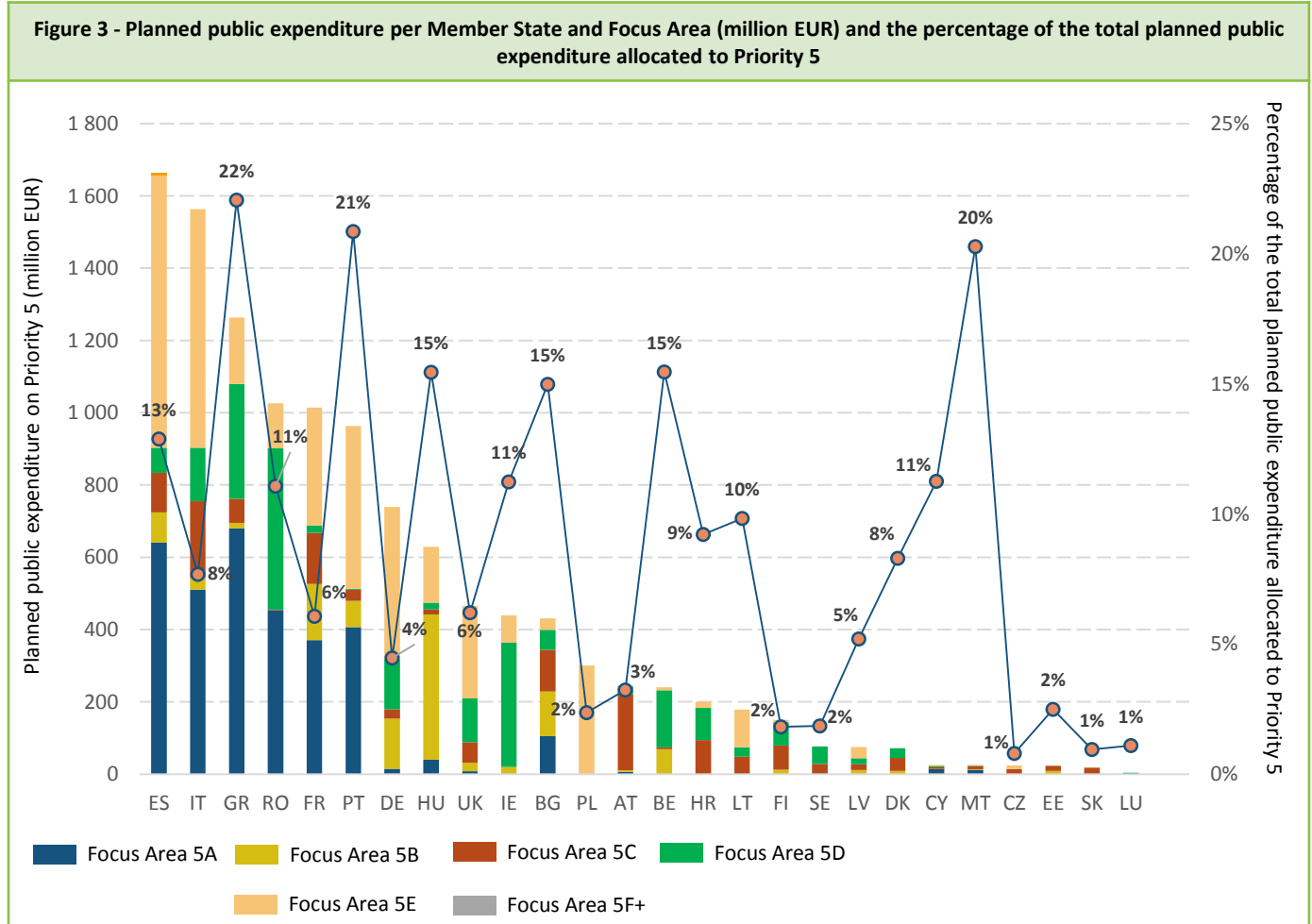
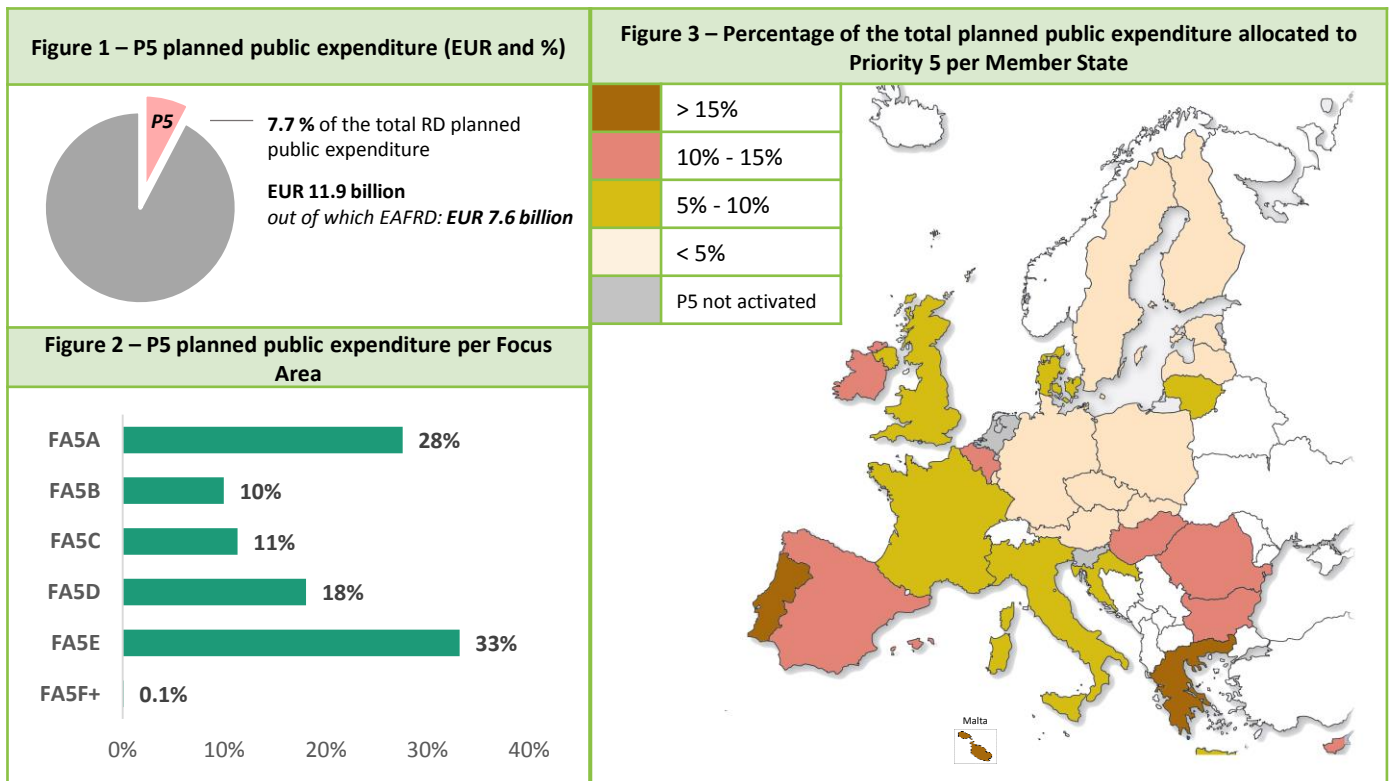
The following table shows, for each Member State, the common target and output indicators related to Priority 5 Focus Areas. The largest values are highlighted in green.

MS	Focus Area 5E Foster carbon conservation and sequestration in agriculture and forestry	
	Agricultural and forest land under management to foster carbon sequestration/conservation (ha)	Percentage of agricultural and forest land under management contracts contributing to carbon sequestration and conservation
AT	-	-
BE	93 970	5%
BG	2 050	0.02%
CY	3 020	1%
CZ	1 000	0.02%
DE	349 859	2%
DK	-	-
EE	486 800	15%
ES	154 597	1%
FI	-	-
FR	399 769	1%
GR	33 909	0.3%
HR	34 960	1%
HU	40 000	1%
IE	18 385	0.3%
IT	730 108	4%
LT	92 058	2%
LU	-	-
LV	37 000	1%
MT	608	5%
NL	-	-
PL	82 000	0.3%
PT	39 624	1%
RO	249 130	1%
SE	-	-
SI	-	-
SK	255	0.01%
UK	1 145 041	12%
EU-28	3 994 144	1.8%

Focus Area 5F+ Improve forestry exploitation
RDP target-specific indicators
ES - Asturias
Area affected by fire prevention operations: 25 000 ha

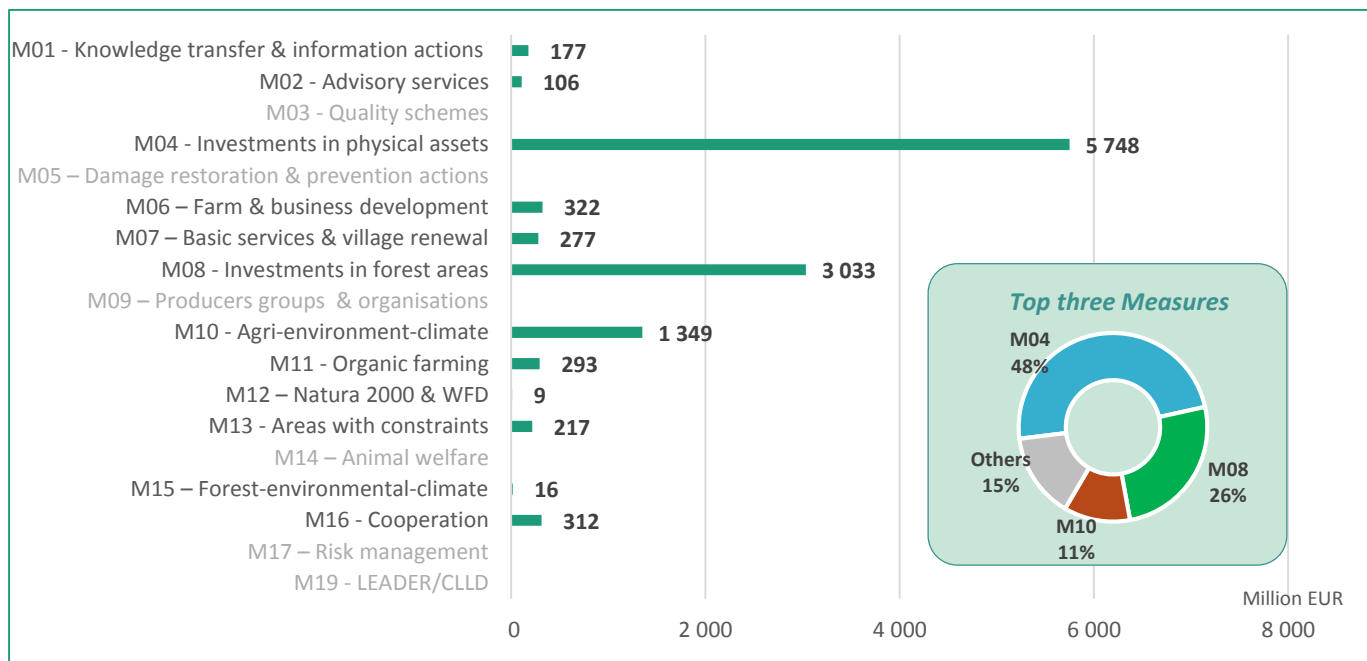
4. Planned public expenditure on Priority 5

This section presents an overview of the planned public expenditure allocated to Priority 5. Figure 1 illustrates the distribution of the planned public expenditure on Priority 5 by Focus Area. Figure 2 shows the percentage of the total planned public expenditure allocated to Priority 5 per Member State. Figure 3 combines information on the planned public expenditure on Priority 5 by Member State and Focus Area (in million EUR) with the percentage of the total planned public expenditure allocated to Priority 5. For Member States with regional RDPs, the national planned public expenditure for the priority is calculated as sum the of the regional RDPs.



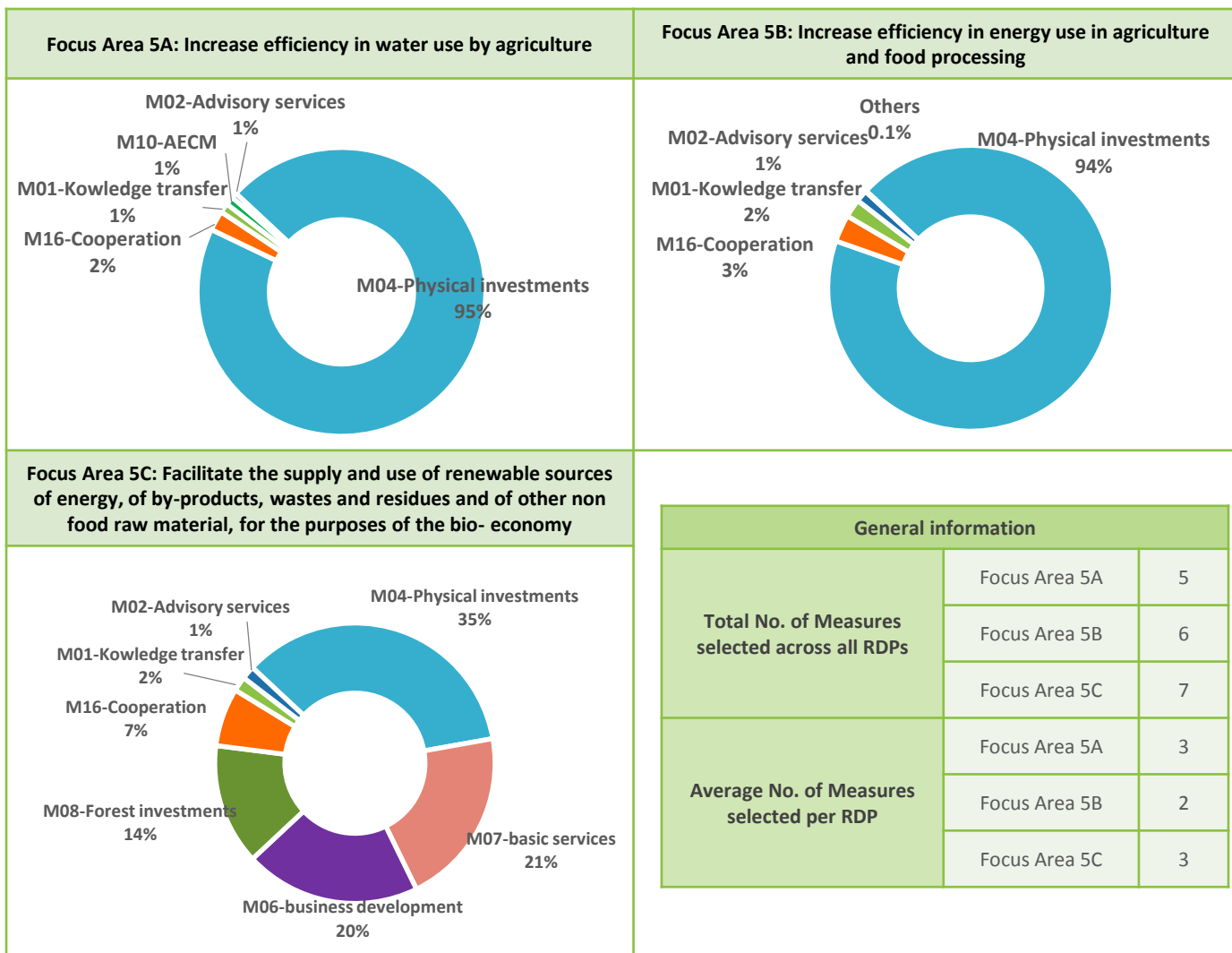
5. Planned public expenditure per Measure

The following chart presents an overview of the distribution of the planned public expenditure on Priority 5 by Measure (million EUR).



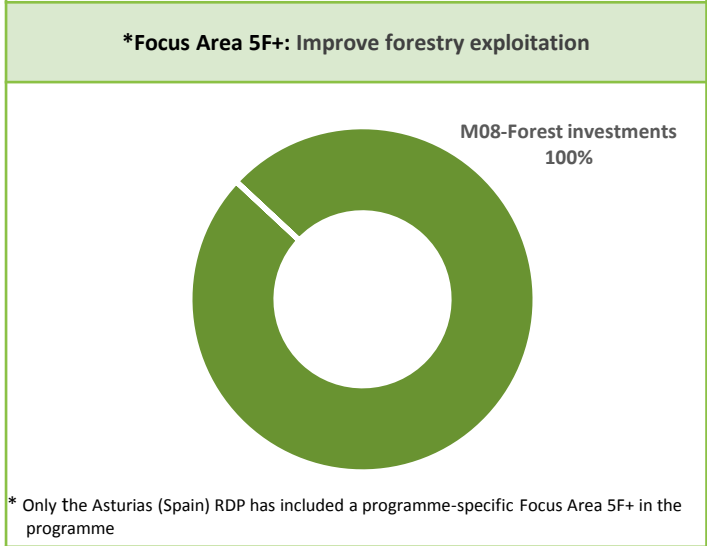
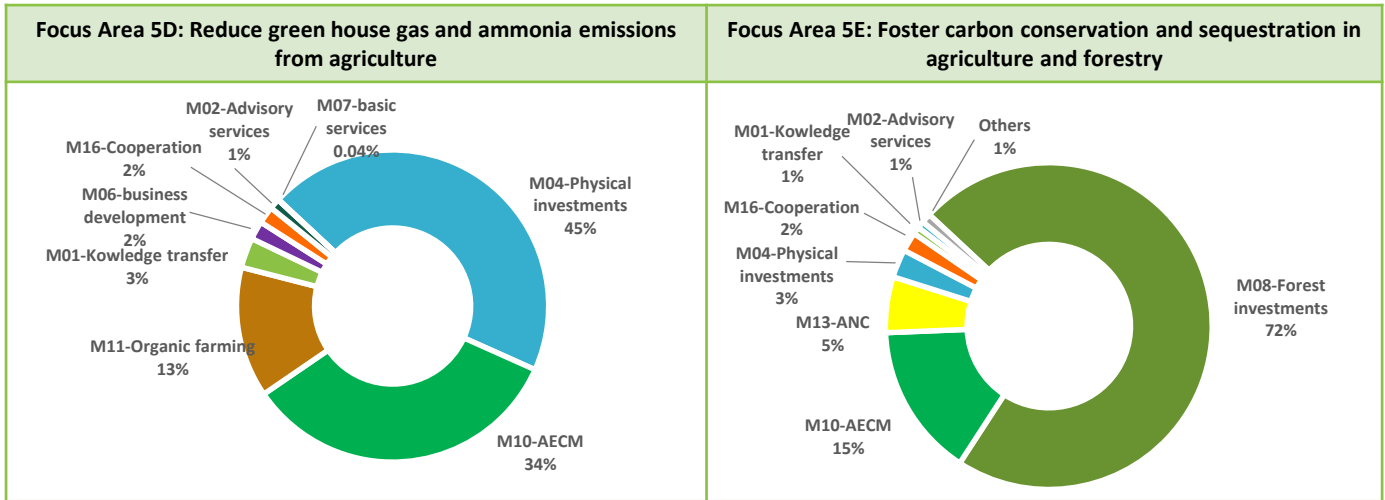
6. Intervention logic at EU level (1)

The following charts show the planned public expenditure on the Focus Areas under Priority 5 by Measure to provide an overall indication of the interventions designed in the RDPs.



6. Intervention logic at EU level (2)


The following charts show the planned public expenditure on the Focus Areas under Priority 5 by Measure to provide an overall indication of the interventions designed in the RDPs.



General information		
Total No. of Measures selected across all RDPs	Focus Area 5D	8
	Focus Area 5E	11
	Focus Area 5F+	1
Average No. of Measures selected per RDP	Focus Area 5D	3
	Focus Area 5E	3
	Focus Area 5F+	1

7. Measure mix per Member State


The following table shows the weight that each Member State has given to the various Measures available in order to achieve the targets set under this Priority. Highlighted cells indicate the highest budget share allocation per MS. The last column and row present the planned total public expenditure per Measure and per Member State for Priority 5 (million EUR).

 = Largest budget share allocation per MS

	M01 - Knowledge transfer & information actions	M02 - Advisory services	M04 - Investments in physical assets	M06 – Farm & business development	M07 – Basic services & village renewal	M08 - Investments in forest areas	M10 – Agri-environment - climate	M11 – Organic farming	M12 – Natura 2000 & WFD	M13 - ANC	M15 – Forest-environmental -climate	M16 – Cooperation	Total	Planned expenditure (million EUR)
AT	2%	2%	16%	13%	46%	11%	8%					1%	100%	245
BE	1%		83%	2%		3%	11%					0.2%	100%	240
BG	3%	0.3%	71%		16%	7%	2%					1%	100%	431
CY	2%		52%			14%	31%					1%	100%	26
CZ	0.1%			51%		43%						6%	100%	24
DE	0.4%	1%	30%		0.4%	8%	60%					1%	100%	739
DK			75%		24%		1%					0.004%	100%	71
EE	8%	2%	34%	13%		38%						6%	100%	24
ES	1%	1%	46%	1%	1%	46%	1%	1%		1%	1%	2%	100%	1 664
FI	5%	5%	76%									14%	100%	150
FR	1%	1%	58%	7%	0.4%	25%	6%					2%	100%	1 014
GR	1%	1%	57%			11%	3%	22%				3%	100%	1 264
HR			86%				14%						100%	201
HU	1%	1%	73%			26%						0.3%	100%	629
IE	9%	0.1%	5%				85%					0.2%	100%	439
IT	2%	3%	37%	4%	2%	34%	11%	0.1%	1%		0.3%	6%	100%	1 563
LT	0.5%	0.3%	2%	25%		50%	22%					1%	100%	179
LU			100%										100%	4
LV			37%	21%		42%							100%	75
MT	12%	4%	63%			7%	1%					13%	100%	25
NL														
PL						100%							100%	301
PT	1%	1%	50%			25%	1%			21%		1%	100%	963
RO	0.3%	0.01%	86%	0.2%		12%	2%						100%	1 026
SE			23%	65%								12%	100%	77
SI														
SK	4%	0.2%	52%	26%		2%						16%	100%	19
UK	2%	2%	12%		4%	55%	17%					8%	100%	465
EU-28 (%)	1%	1%	48%	3%	2%	26%	11%	2%	0.1%	2%	0.1%	3%	100%	11 859
EU-28 (mil. EUR)	177	106	5 748	322	277	3 033	1 349	293	9	217	16	312	-	

8. Additional information

Rural Development Regulation 2014-2020

Regulation (EU) N° 1305/2013 of the European Parliament and of the Council on support for rural development by the European Agricultural Fund for Rural Development (EAFRD) [PDF ]

RDP Summary

Developed by the ENRD, these summarise the relevant information of all the RDPs approved [\[here\]](#)

Focus Area Summary

Developed by the ENRD, these summarise the relevant information of all Focus Areas [\[here\]](#)

Source of information: All data presented in this summary comes from the European Commission-approved 2014-2020 Rural Development Programmes (118 RDPs in total). In this fiche, public expenditure means total public expenditure (= EAFRD + Member States matching funds + any national top-ups). Due to rounding, there may be small discrepancies between some figures presented. Data includes programme modifications until March 2016. Out of the 118 Rural Development Programmes only the 112 national and regional Programmes have been considered because National Frameworks and National Rural Network Programmes do not allocate budget on Measures. Please note that data and calculations provided do not include M20 (Technical Assistance), or M18 (Complementary payments to Croatia). Icons source: www.flaticon.com

Disclaimer: This document aims to provide an accessible summary of the Rural Development Priority information covering all EU-28 RDPs. The information provided should not be considered a comprehensive account of the original RDP content.

Summary version: Version 1 (Based on SFC data March 2016)

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