Working document

Target indicator fiches for Pillar II (Priorities 1 to 6)

APRIL 2015

<u>List of target / result indicators</u>

Focus Area	Target indicator	Complementary result indicators
FA 1A		
Fostering innovation, co- operation, and the development of the knowledge base in rural areas	Percentage of expenditure under Articles 14, 15 and 35 of Regulation (EU) No 1305/2013 in relation to the total expenditure for the RDP	
FA 1B		
Strengthening the links between agriculture, food production and forestry and research and innovation, including for the purpose of improved environmental management and performance	Total number of co-operation operations supported under the co-operation measure (Article 35 of Regulation (EU) No 1305/2013) (groups, networks/clusters, pilot projects) [across all focus areas]	
FA 1C		
Fostering lifelong learning and vocational training in the agricultural and forestry sectors	Total number of participants trained under Article 14 of Regulation (EU) No 1305/2013 [across all focus areas]	
FA 2A Improving the economic performance of all farms and facilitating farm restructuring and modernisation, notably with a view to increasing market participation and orientation as well as agricultural	Percentage of agriculture holdings with RDP support for investments in restructuring or modernisation	Change in agricultural output on supported farms/AWU (Annual Work Unit)
diversification FA 2B		
Facilitating the entry of adequately skilled farmers into the agricultural sector and, in particular, generational renewal FA 3A	Percentage of agriculture holdings with RDP supported business development plan/investments for young farmers	
Improving competitiveness of primary producers by better integrating them into the agrifood chain through quality schemes, adding value to agricultural products, promotion in local markets and short supply circuits, producer groups and organisations and inter-branch organisations	Percentage of agricultural holdings receiving support for participating in quality schemes, local markets and short supply circuits, and producer groups/organisations	
FA 3B Supporting farm risk prevention and management	Percentage of farms participating in risk management schemes	
FA 4A Restoring, preserving and enhancing biodiversity, including in NATURA 2000 areas, and in areas facing natural or other specific constraints, and high nature value farming, as well as the state of European landscapes	Percentage of forest or other wooded areas under management contracts supporting biodiversity + Percentage of agricultural land under management contracts supporting biodiversity and/or landscapes	

Focus Area	Target indicator	Complementary result indicators
FA 4B Improving water management, including fertiliser and pesticide management	Percentage of agricultural land under management contracts to improve water management + Percentage of forestry land under management contracts to improve water management	
FA 4C Preventing soil erosion and improving soil management	Percentage of agricultural land under management contracts to improve soil management and/or prevent soil erosion + Percentage of forestry land under management contracts to improve soil management and/or prevent soil erosion	
FA 5A Increasing efficiency in water use by agriculture	Percentage of irrigated land switching to more efficient irrigation system	Increase in efficiency of water use in agriculture in RDP supported projects
FA 5B Increasing efficiency in energy use in agriculture and food processing	Total investment in energy efficiency	Increase in efficiency of energy use in agriculture and food-processing in RDP supported projects
FA 5C Facilitating the supply and use of renewable sources of energy, of by-products, wastes and residues and of other non-food raw material, for purposes of the bio-economy	Total investment in renewable energy production	Renewable energy produced from supported projects
FA 5D Reducing greenhouse gas and ammonia emissions from agriculture	Percentage of LU concerned by investments in live-stock management in view of reducing GHG and/or ammonia emissions + Percentage of agricultural land under management contracts targeting reduction of GHG and/or ammonia emissions	Reduced emissions of methane and nitrous oxide Reduced ammonia emissions
FA 5E Fostering carbon conservation and sequestration in agriculture and forestry	Percentage of agricultural and forest land under management contracts contributing to carbon sequestration or conservation	
FA 6A Facilitating diversification, creation and development of small enterprises, as well as job creation	Jobs created in supported projects (also under 6B (for LEADER))	
FA 6B Fostering local development in rural areas	Percentage of rural population covered by local development strategies	

Focus Area	Target indicator	Complementary result indicators
	Percentage of rural population benefiting from improved services / infrastructures	
	Jobs created in supported projects (Leader)	
FA 6C Enhancing the accessibility, use and quality of information and communication technologies (ICT) in rural areas	Percentage of rural population benefiting from new or improved services / infrastructures (ICT)	

DEFINITIONS IN THE FICHES

When reference is made to measures, sub-measures and their codes, please see exact denominations in Annex I, Part 5, to Commission Implementing Regulation (EC) No 808/2014.

Indicator Name

Title of the indicator which will be used in implementing regulation/guidance documents.

Indicator code

Alphanumeric identifier.

Target indicator

Identification of whether the indicator is a target indicator.

The related priority

Identification of the priority to which the indicator is linked as defined in the Pillar II intervention logic.

The related focus area

Identification of the focus area to which the indicator is linked as defined in the Pillar II intervention logic.

Definition

Concise definition of the concept, including if the indicator already exists, e.g. AEI, EUROSTAT indicator.

Unit of measurement

Unit used to record the value (e.g. ha, tonnes, \in *,* %).

Methodology/formula

Identification of what is needed to transform data from the operations database into value for the indicator.

Data required for the individual operation

Data required from the operations database in order to calculate the relevant indicator (e.g. area of solar panels, ha of trees planted per species...). The units of measurement of these outputs should be specified.

Data source/location of the data

Identification of where the data for the indicator comes from, links or other references to data sources (e.g. in EUROSTAT specifying exact tables, FAO, World Bank) AEI definitions, regulations establishing indicators, etc.

Point of data collection

Point(s) in time at which data is collected (e.g. operation/project approval, completion or during evaluation activities).

Frequency

In principle this would be annual. If annual is not adequate, please specify.

Delay

Delay between data collection and data aggregation (where external statistical data is used).

Means of transmission to Commission

Identification of the way in which the data is made available to the Commission (e.g. submitted with enhanced AIR in 2019 or quarterly/annual electronic submission).

Comments/caveats

Comments concerning interpretation of the indicator for monitoring and evaluation purposes and its caveats, if appropriate.

Mention of context indicators specifically linked to this indicator (or required for its calculation).

Indicator Name	Percentage of expenditure under Articles 14, 15 and 35 of Regulation (EU) No 1305/2013 in relation to the total expenditure for the RDP
Indicator code	T1
Target indicator	Yes (T1) (targets for priority 1 established on the basis of output-type indicators)
The related priority	1 Fostering knowledge transfer and innovation in agriculture, forestry and rural areas
The related focus area	1A Fostering innovation, co-operation and the development of the knowledge base in rural areas
Definition	Total planned public expenditure for fostering innovation and the knowledge base in rural areas under measures 1 'Knowledge transfer and information actions', 2 'Advisory services, farm management and farm relief services' and 16 'Co-operation' expressed as a percentage of the total RDP planned public expenditure
Unit of measurement	%
Methodology/formula	Ratio a/b in %
	 a) O.1 Total public expenditure on fostering innovation and the knowledge base in rural areas under measure 1 'Knowledge transfer and information actions' + O.1 Total public expenditure on fostering innovation and the knowledge base in rural areas under measure 2 'Advisory services, farm management and farm relief services' + O.1 Total public expenditure on fostering innovation and the knowledge base in rural areas under measure 16 'Co-operation' b) Total RDP public expenditure Relevant measures contributing to target: 1 (Art. 14) Knowledge transfer and information actions 2 (Art. 15) Advisory services, farm management and farm relief services
	• 16 (Art. 35) Co-operation
Data required for the individual operation	a) Realised expenditure for the measures 1, 2 and 16
Data source/location of the data	MA/PA operations database, RDP
Point of data collection	Payments made by PA/MA
Frequency	Annual
Delay	
Means of transmission to Commission	Monitoring tables of AIR
Comments/caveats	

Indicator Name	Total number of co-operation operations supported under the co- operation measure (Article 35 of Regulation (EU) No 1305/2013) (groups, networks/clusters, pilot projects)
Indicator code	T2
Target indicator	Yes (T2) (targets for priority 1 established on the basis of output-type indicators)
The related priority	Fostering knowledge transfer and innovation in agriculture, forestry and rural areas
The related focus area	Strengthening the links between agriculture, food production and forestry and research and innovation, including for the purpose of improved environmental management and performance
Definition	Number of co-operation operations (groups, networks/clusters, pilot projects) supported under measure 16 'Co-operation'
Unit of measurement	Number
Methodology/formula	O.16 + O.17 Relevant measures contributing to target: • 16 (Art. 35) Co-operation
Data required for the individual operation	O.16 Number of EIP operational groups to be supported (establishment and operation) and O.17 Number of other co-operation operations (groups, networks/clusters, pilot projects) to be supported under measure 16 'Co-operation'
Data source/location of the data	MA/PA operations database (output indicator) from application forms
Point of data collection	Data collected at application level but reported when the operation is completed
Frequency	Annual
Delay	/
Means of transmission to Commission	Monitoring tables of AIR
Comments/caveats	

Indicator Name	Total number of participants trained under Article 14 of Regulation (EU) No 1305/2013
Indicator code	T3
Target indicator	Yes (T3) (targets for priority 1 established on the basis of output-type
	indicators)
The related priority	1
	Fostering knowledge transfer and innovation in agriculture, forestry and rural
	areas
The related focus area	1C
	Fostering lifelong learning and vocational training in the agricultural and forestry sectors
Definition	Total number of participants trained under measure 1 'Knowledge transfer and
	information actions'
Unit of measurement	Number
Methodology/formula	1
	O.12
	Relevant measures contributing to target:
	• 1 (Art. 14) Knowledge transfer and information actions,1.1, vocational
	training
Data required for the	Number of participants trained under measure 1 'Knowledge transfer and
individual operation	information actions' (only 1.1, vocational training)
Data source/ location of	MA/PA operations database (output indicator)
the data	
Point of data collection	Application form, plus confirmation/amendment on completion of the
	operation
Frequency	Annual
Delay	/
Means of transmission	Monitoring tables of AIR
to Commission	
Comments/caveats	

Indicator Name	Percentage of agriculture holdings with RDP support for investment in restructuring or modernisation	
Indicator code	R1/T4	
Target indicator	Yes (T4)	
The related priority	2	
1 0	Enhancing farm viability and competitiveness of all types of agriculture	
	in all regions and promoting innovative farm technologies and the	
	sustainable management of forests	
The related focus area	2A	
	Improving the economic performance of all farms and facilitating farm	
	restructuring and modernisation, notably with a view to increase market	
	participation and orientation as well as agricultural diversification	
Definition	Total number of farm holding receiving support for investment in restructuring	
	or modernisation under measure 4 over the programming period expressed as a	
	percentage of the total number of agricultural holdings in base year for the	
	RDP area	
Unit of measurement	Number	
	%	
Methodology/formula	Ratio a/b in %	
	a) O.4 Total number of farm holdings receiving support for investment in	
	restructuring and/or modernisation under measure 4 over the programming	
	period	
	b) Total number of agricultural holdings in base year for the RDP area	
	Relevant measures contributing to target (when programmed under this focus	
	area):	
	• 4.1 (Art.17) Investments in physical assets	
Data required for the	a) Total number of farm holdings receiving support for investment in	
individual operation	restructuring and/or modernisation under measure 4 over the programming	
	period (cumulative)	
	b) Total number of agricultural holdings in base year for the RDP area	
Data source/ location of	a) Total number of farm holdings receiving support for investment in	
the data	restructuring and/or modernisation: from applications, MA/PA operations	
	database (output indicator)	
	b) Total number of agricultural holdings: Eurostat: Farm Structure Survey	
Point of data collection	a) Total number of farm holdings receiving support for investment in	
	restructuring and/or modernisation: data collected at application level but	
	reported when the operation is completed	
	b) Total number of agricultural holdings: /	
Frequency	a) Total number of farm holdings receiving support for investment in	
	restructuring and/or modernisation: annual	
	b) Total number of agricultural holdings: /	
Delay	a) Total number of farm holdings receiving support for investment in	
	restructuring and/or modernisation: /	
Moong of two wards	b) Total number of agricultural holdings: /	
Means of transmission to	a) Monitoring tables of AIR	
Commission Comments/caveats	The available been year for the total number of agricultural heldings wisht and	
Comments/caveats	The available base year for the total number of agricultural holdings might not be 2013 when RDP are drafted (depending on statistics availability). Update	
	will be needed.	
	Same beneficiary supported for several and different operations (several and	
	different applications) is counted several times.	
	uniterent applications) is counted several times.	

Indicator Name	Percentage of agriculture holdings with RDP supported business	
	development plan/investments for young farmers	
Indicator code	R3/T5	
Target indicator	Yes (T5)	
The related priority	2	
	Enhancing farm viability and competitiveness of all types of agriculture in all	
	regions and promoting innovative farm technologies and the sustainable	
	management of forests	
The related focus area	2B	
	Facilitating entry of adequately skilled farmers into the agricultural sector and	
	in particular generational renewal	
Definition	Total number of farm holdings receiving business start-up aid for young	
	farmers under measure 6 over the programming period or total number of farm	
	holdings supported for investment targeting young farmers under measure 4	
	over the programming period expressed as a percentage of the total number of	
	agricultural holdings in base year for the RDP area	
Unit of measurement	Number	
	%	
Methodology/formula	Ratio a/b in %	
	a) O.4 Total number of farm holdings receiving business start-up aid for young	
	farmers over the programming period, or	
	O.4 total number of farm holdings supported for investment targeting young	
	farmers over the programming period	
	b) Total number of agricultural holdings in base year for the RDP area.	
	The target is based on the key sub-measure 6.1 'Business start-up aid for young	
	farmers' compared to the total number of (existing) agricultural holdings.	
	In case sub-measure 6.1 is not programmed as the key measure under this	
	Focus Area (based on the RDP strategy): farm holdings supported under sub-	
	measure 4.1. 'Investments in physical assets' is used in the calculation of the	
	target (only if sub-measure 6.1 is not programmed to avoid double counting).	
	Relevant measures contributing to target (when programmed under this focus	
	area):	
	• 6.1 (Art.19) 'Business start-up aid for young farmers' or	
	• 4.1 (Art.17) investment in physical assets	
Data required for the	a) Total number of farm holdings receiving business start-up aid for young	
individual operation	farmers under measure 6 (cumulative) or	
	total number of farm holdings supported for investment targeting young	
	farmers under measure 4 (cumulative)	
	b) Total number of agricultural holdings in base year for the RDP area	
Data source/ location of	a) Total number of farm holdings receiving business start-up aid for young	
the data	farmers or total number of farm holdings supported for investment targeting	
	young farmers: from applications, MA/PA operations database (output	
	indicator)	
	b) Total number of agricultural holdings: Eurostat: Farm Structure Survey	
Point of data collection	a) Total number of farm holdings receiving business start-up aid for young	
	farmers or total number of farm holdings supported for investment targeting	
	young farmers: data collected at application level but reported when the	
	operation is completed	
	b) Total number of agricultural holdings: /	

Frequency	a) Total number of farm holdings receiving business start-up aid for young
	farmers or total number of farm holdings supported for investment targeting
	young farmers : annual
	b) Total number of agricultural holdings: /
Delay	a) Total number of farm holdings receiving business start-up aid for young
	farmers or total number of farm holdings supported for investment targeting
	young farmers: /
	b) Total number of agricultural holdings: /
Means of transmission	a) Monitoring tables of AIR
to Commission	
Comments/caveats	The available base year for the total number of agricultural holdings might not
	be 2013 when RDP are drafted (depending on statistics availability). Update
	will be needed.

Indicator Name	Percentage of agricultural holdings receiving support for participating in quality schemes, local markets and short supply circuits, and producer groups/organisations
Indicator code	R4/T6
Target indicator	Yes (T6)
The related priority	3
	Promoting food chain organisation, including processing and marketing of agricultural products, animal welfare and risk management in agriculture
The related focus area	3A
	Improving competitiveness of primary producers by better integrating them into the agri-food chain through quality schemes, adding value to agricultural products, promotion in local markets and short supply circuits, producer groups and inter-branch organisations
Definition	Total number of agricultural holdings receiving support over the programming period under measures 3 'Quality schemes for agricultural products and foodstuffs', 9 'Setting-up of producer groups and organisations' and 16 'Co-operation' (only sub-measure 16.4, co-operation among supply chain actors) as a percentage of the total number of agricultural holdings in base year for RDP area.
Unit of measurement	%
Methodology/formula	Ratio a/b in %
	 a) O.4 Total number of agricultural holdings receiving support over the programming period under measure 3 'Quality schemes for agricultural products and foodstuffs' (3.1, participation to quality scheme) + O.9 Total number of agricultural holdings receiving support over the programming period under measure 9 'Setting-up of producer groups and organisations' + O.9 Total number of agricultural holdings receiving support over the programming period under measure 16 'Co-operation' (only sub-measure 16.4 co-operation among supply chain actors) b) Total number of agricultural holdings in base year for the RDP area Relevant measures contributing to target: 3.1 (Art. 16) Participation to quality schemes for agricultural products and foodstuffs 9 (Art. 27) Setting-up of producer groups and organisations 16.4 (Art. 35) Co-operation among supply chain actors
Data required for the individual operation	a) Total number of agricultural holdings receiving support over the programming period under sub-measure 3.1 'Quality schemes for agricultural products and foodstuffs', measure 9 'Setting-up of producer groups and organisations' and sub-measure 16.4 'Co-operation among supply chain actors' b) Total number of agricultural holdings in base year for the RDP area
Data source/ location of the	a) Total number of agricultural holdings receiving support: from applications,
data	MA/PA operations database b) Total number of agricultural holdings in base year for the RDP area: Eurostat: Farm Structure Survey
Point of data collection	a) Total number of agricultural holdings receiving support:
	For quality (measure 3): data collected at application level but reported on an

	annual basis when annual payment is made.
	For Producer groups (measure 9): application form, plus confirmation/amendment and reporting when annual payment is made.
	For co-operation (sub-measure 16.4): application form, plus confirmation/amendment on completion of the operation.
	b) Total number of agricultural holdings in base year for the RDP area: /
Frequency	a) Total number of agricultural holdings receiving support: annual b) Total number of agricultural holdings in base year for the RDP area: /
Delay	a) Total number of agricultural holdings receiving support: / b) Total number of agricultural holdings in base year for the RDP area: /
Means of transmission to	a) Total number of agricultural holdings receiving support: AIR monitoring
Commission	tables
	b) Total number of agricultural holdings in base year for the RDP area: /
Comments/caveats	

Indicator Name	Percentage of farms participating in risk management schemes
Indicator code	R5/T7
Target indicator	Yes (T7)
The related priority	3
	Promoting food chain organisation, including processing and marketing
	of agricultural products, animal welfare and risk management in
	agriculture
The related focus area	3B
	Supporting farm risk prevention and management
Definition	Total number of agricultural holdings supported for insurance premiums under
	sub-measure 17.1, participating in mutual funds under sub-measure 17.2,
	participating in income stabilisation tool under sub-measure 17.3, and
	investing in preventive actions under measure 5.1 expressed as a percentage of
	the total number of agricultural holdings in base year for the RDP area
Unit of measurement	Number
N/ 41 1 1 /0 1	%
Methodology/formula	Ratio a/b in %
	a) O 4 Number of agricultural holdings supported for insurance premiums
	a) O.4 Number of agricultural holdings supported for insurance premiums (17.1) + O.9 Number of agricultural holdings participating in mutual funds
	(17.1) + 0.9 Number of agricultural holdings participating in income
	stabilisation tool (17.3) + O.4 Number of agricultural holdings investing in
	preventive actions (5.1)
	b) Total number of agricultural holdings in base year for the RDP area
	by Folial number of agricultural northings in ouse year for the REF area
	Relevant measures contributing to target:
	• 17.1 (Art. 37) Crop, animal and plant insurance
	• 17.2 (Art. 38) Mutual funds for adverse climatic events, animal and
	plant diseases, pest infestations and environmental incidents
	• 17.3 (Art. 39) Income stabilisation tool
	• 5.1 (Art. 18) Restoring agricultural production potential damaged by
	natural disasters and catastrophic events and introduction of
	appropriate prevention actions
Data required for the	a) Number of agricultural holdings supported for insurance premiums (17.1),
individual operation	number of agricultural holdings participating in mutual funds (17.2), number
	of agricultural holdings participating in income stabilisation tool (17.3),
	number of agricultural holdings investing in preventive actions (5.1).
	b) Total number of agricultural holdings: Eurostat: Farm Structure Survey
Data source/ location of	a) Number of agricultural holdings supported for insurance premiums (17.1
the data	number of agricultural holdings participating in mutual funds (17.2), number
	of agricultural holdings participating in income stabilisation tool (17.3), number of agricultural holdings investing in preventive actions (5.1): from
	applications, MA/PA operations database (output indicator)
	b) Total number of agricultural holdings: Eurostat: Farm Structure Survey
Point of data collection	a) Number of agricultural holdings supported for insurance premiums (17.1)
2 Jiii of auta conceron	and number of agricultural holdings investing in preventive actions (5.1): data
	collected at application level but reported when the operation is completed.
	Number of agricultural holdings participating in mutual funds (17.2) and
	number of agricultural holdings participating in income stabilisation tool
	(17.3): application form, plus confirmation on completion of the operation
	b) Total number of agricultural holdings: /

Frequency	a) Number of agricultural holdings supported for insurance premiums (17.1),
	number of agricultural holdings participating in mutual funds (17.2), number
	of agricultural holdings participating in income stabilisation tool (17.3),
	number of agricultural holdings investing in preventive actions (5.1): annual.
	b) Total number of agricultural holdings: /
Delay	/
Means of transmission	/
to Commission	
Comments/caveats	

Indicator Name	FA 4A: Percentage of agricultural land under management contracts supporting biodiversity and/or landscapes FA 4B: Percentage of agricultural land under management contracts to improve water management FA 4C: Percentage of Agricultural land under management contracts to improve soil management and/or prevent soil erosion
Indicator code	R7/T9 R8/T10 R10/T12
Target indicator	Yes (T9, T10, T12)
The related priority	4 Restoring, preserving and enhancing ecosystems related to agriculture and forestry
The related focus area	 4A Restoring, preserving and enhancing biodiversity, including in NATURA 2000 areas, and in areas facing natural or other specific constraints, and high nature value farming, as well as the state of European landscapes 4B Improving water management, including fertiliser and pesticide management 4C Preventing soil erosion and improving soil management
Definition	 4A % of agricultural land under management contracts restoring or preserving biodiversity and/or landscapes Relevant measures contributing to target: 10 (Art. 28) Agri-environment-climate 11 (Art. 29) Organic farming 12.1 (Art. 30) Natura 2000 in agricultural area 8.1 and 8.2 (Art. 21 establishment only) Afforestation and creation of woodland and establishment of agroforestry systems 4B % of agricultural land under management contracts improving water management Relevant measures contributing to target:

Unit of measurement	На
	%
Methodology/formula	 4A % of agricultural land under management contracts restoring or preserving biodiversity and/or landscapes
	Ratio a/b in %
	a) Physical agricultural land area (ha) under land management restoring and
	preserving biodiversity b) Total agricultural land area (ha) in 2013 for the RDP area
	 4B % of agricultural land under management contracts improving water management
	Ratio a/b in %
	a) Physical agricultural land area (ha) under land management improving water management
	b) Total agricultural land area (ha) in 2013 for the RDP area
	4C % of agricultural land under management contracts improving soil management and/or preventing soil erosion
	Ratio a/b in %
	a) Physical agricultural land area (ha) under land management improving soil
	management b) Total agricultural land area (ha) in 2013 for the RDP area
	If justified, area under land management which addresses more than one of these focus areas should count for the target of each of these relevant focus areas (see table below).
	Physical area: if different measures or schemes are implemented on the same area for the same focus area, no double counting is allowed
Data required for the	a) Total agricultural land area under land management
individual operation	b) Total agricultural land area in base year for the RDP area
Data source/ location of	a) Total physical area: from MA/PA operations database and IACS
the data	b) Total agricultural land area in base year for the RDP area: EUROSTAT
Point of data collection	a) Total physical area for measures 10, 11 and 12: area paid after
	administrative and on-the-spot checks of the annual claims; for sub-measures
	8.1 and 8.2 establishment only: data collected in applications and reported
	when completed
	b) Total agricultural land area:/
Frequency	a) Total physical area: annual
Dalay	b) Total agricultural land area in 2013 for the RDP area:/
Delay	a) Total physical area: /b) Total agricultural land area in 2013 for the RDP area:/
Means of transmission	Monitoring tables of AIR
to Commission	Womtoring tables of Ank
Comments/caveats	
Comments/Caveats	

Indicator Name	FA 4A Percentage of forest or other wooded areas under management
	contracts supporting biodiversity
	FA 4B Percentage of forestry land under management contracts to
	improve water management
	FA 4C Percentage of forestry land under management contracts to
	improve soil management and/or prevent soil erosion
Indicator code	R6/T8
	R9/T11
	R11/T13
Target indicator	Yes (T8, T11, T13)
The related priority	4
	Restoring, preserving and enhancing ecosystems related to agriculture
	and forestry
The related focus area	 4A Restoring, preserving and enhancing biodiversity, including in
	NATURA 2000 areas, and in areas facing natural or other specific
	constraints, and high nature value farming, as well as the state of European landscapes
	 4B Improving water management, including fertiliser and pesticide
	management
	 4C Preventing soil erosion and improving soil management
Definition	■ 4A % of forest or other wooded areas under management contracts
	restoring or preserving biodiversity
	Relevant measures contributing to target:
	- 15 (Art. 34) Forest-environmental and climate services and forest
	conservation
	- 12.2 (Art. 30) Natura 2000 in forestry area - 8.5 (Art. 21) Investments improving the resilience and environmental value
	of forest ecosystems
	01101000 00005 0001110
	 4B % of forestry land under management contracts improving water
	management
	Relevant measures contributing to target:
	- 15 (Art. 34) Forest-environmental and climate services and forest
	conservation
	- 8.5 (Art. 21) Investments improving the resilience and environmental value
	of forest ecosystems
	- 4C 0/ - 6 f 4 1 1 1 1
	 4C % of forestry land under management contracts improving soil management and/or preventing soil erosion
	management and/or preventing son crosion
	Relevant measures contributing to target:
	- 15 (Art. 34) Forest-environmental and climate services and forest
	conservation
	- 8.5 (Art. 21) Investments improving the resilience and environmental value
	of forest ecosystems
Unit of measurement	На
	==

	%
Methodology/formula	 4A % of forest or other wooded areas under management contracts
Wiemodology/formula	
	restoring or preserving biodiversity
	Device of the in O/
	Ratio a/b in %
	a) Physical forestry or wooded land area (ha) under land management restoring
	or preserving biodiversity
	b) Total forestry or wooded land area (ha) in 2013 for the RDP area
	4B % of forestry land under management contracts improving water
	management
	Ratio a/b in %
	a) Physical forestry or wooded land area (ha) under land management
	improving water management
	b) Total forestry or wooded land area (ha) in 2013 for the RDP area
	4C % of forestry land under management contracts improving soil
	management and/or preventing soil erosion
	management and of preventing son crosson
	Ratio a/b in %
	a) Physical forestry or wooded land area (ha) under land management
	improving soil management
	b) Total forestry or wooded land area (ha) in 2013 for the RDP area
	b) Total folestry of wooded faild area (fla) iii 2013 for the KDF area
	For sub-measure 8.5 Investments improving the resilience and environmental
	value of forest ecosystems: output indicator area concerned by investment
	improving the resilience and environmental value of forest ecosystems should
	be used.
	If justified, areas under land management which address more than one of
	these focus areas should count for the target of each of these relevant focus
	areas (see table below).
	Physical area: if different measures or schemes are implemented on the same
	area for the same focus area, no double counting is allowed.
Data required for the	a) Total area under land management
individual operation	b) Total forestry area in base year for the RDP area
Data source/ location of	a) Total physical area: from MA/PA operations database and IACS
the data	b) Total forestry and wooded land area in 2013 for the RDP area: Land cover
	statistics (to be confirmed)
Point of data collection	a) Total physical area: Natura 2000 (12) and Forest-environment (15): area
	having received annual payment. Investment improving resilience (8.5): data
	collected at application level and reported when completed
	b) Total forestry and wooded land area in 2013 for the RDP area: /
Frequency	a) Total physical area: annual
- 1 · · · · · · · · · · · · · · · · · ·	b) Total forestry area in 2013 for the RDP area: /
Delay	a) Total physical area: /
20143	b) Total forestry area in 2013 for the RDP area: /
Means of transmission	Monitoring tables of AIR
to Commission	Montoning motes of this
Comments/caveats	

Indicator Name	Percentage of irrigated land switching to more efficient irrigation systems
Indicator code	R12/T14
Target indicator	Yes (T14)
The related priority	5
	Promoting resource efficiency and supporting the shift towards a low carbon
	and climate resilient economy in agriculture, food and forestry sectors
The related focus area	5A
	Increasing efficiency in water use by agriculture
Definition	% of irrigated land switching to more efficient irrigation systems funded under
	measures 4 (concerning investments to convert irrigation systems) and 10
	(concerning land management contracts to reduce irrigated land)
Unit of measurement	Number
	%
Methodology/formula	Ratio a/b in %
	a) Number of hectares switching to more efficient irrigation systems through
	RDP, including:
	- O.5 Number of hectares concerned by investments in more efficient
	irrigation systems (measure 4)
	+ O.5 Number of hectares switching to more efficient irrigation systems
	through agri-environment-climate actions (measure 10) such as the reduction
	of irrigated land programmed under FA 5A
	b) Total irrigated land in a base year
	Relevant measures contributing to target (when programmed under this focus
	area):
	• 4 (Art. 17) Investments in physical assets
7	• 10 (Art. 28) Agri-environment-climate
Data required for the	a) Number of hectares switching to more efficient irrigation systems through
individual operation	RDP support described above
D-4	b) Total irrigated land in a base year
Data source/ location of	a) Number of hectares switching to more efficient irrigation systems: MA/PA
the data	operations database, IACS
Point of data collection	b) Total irrigated land in a base year: Eurostat
Point of data conection	a) Number of hectares switching to more efficient irrigation systems:
	Agri-environment-climate (measure 10): area paid after administrative and on- the-spot checks of the annual claims. Investments in physical assets (measure
	4): collected from applications and reported when the operation is completed
Fraguency	b) Total irrigated land in a base year: Eurostat a) Number of hectares switching to more efficient irrigation systems: annual
Frequency	b) Total irrigated land in a base year: Eurostat
Delov	/ Total Higaled fand in a base year. Editostat
Delay Means of transmission	Monitoring tables of AIR
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Indicator Name	Total investment in energy efficiency
Indicator code	T15
Target indicator	Yes (T15)
The related priority	5
	Promoting resource efficiency and supporting the shift towards a low carbon and climate resilient economy in agriculture, food and forestry sectors
The related focus area	5B
	Increasing efficiency in energy use in agriculture and food processing
Definition	Total investments in energy saving and efficiency supported under measures 4 'Investments in physical assets' and 7 'Basic services and village renewal in rural areas'
Unit of measurement	€
Methodology/formula	
	O.2 Relevant measures contributing to target (when programmed under this focus
	area):
	• 4 (Art. 17) Investments in physical assets
	• 7.2 (Art. 20) Basic services and village renewal in rural areas (investments in energy saving)
Data required for the individual operation	Total amount of investments in energy saving and efficiency supported under RDP (measures 4 and 7)
Data source/ location of the	MA/PA operations database
data	
Point of data collection	Data collected in the application but reported when the operation is completed
Frequency	Annual
Delay	
Means of transmission to	Monitoring tables of AIR
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Indicator Name	Total investment in renewable energy production
Indicator code	T16
Target indicator	Yes (T16)
The related priority	5
Process	Promoting resource efficiency and supporting the shift towards a low carbon
	and climate resilient economy in agriculture, food and forestry sectors
The related focus area	5C
	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
Definition	Total investments in renewable energy production supported under measures 4
	'Investments in physical assets', 6 'Farm and business development', 7 'Basic
	services and village renewal in rural areas' and sub-measure 8.6 'Investments
	in forestry technologies and in processing, in mobilising and in marketing of
	forest products'
Unit of measurement	€
Methodology/formula	O.2 Investments in renewable energy production supported under measure 4 +
	O.2 Investments in renewable energy production supported under measure 6 +
	O.2 Investments in renewable energy production supported under measure 7 +
	O.2 Investments in renewable energy production supported under sub-measure
	8.6
	Relevant measures contributing to target (when programmed under this focus
	area):
	• 4 (Art. 17) Investments in physical assets
	• 6.2 and 6.4 (Art. 19) Farm and business development
	• 7.2 (Art. 20) Basic services and village renewal in rural areas
	(investments in renewable energy)
	• 8.6 (Art. 21) Investments in forestry technologies and in processing, in
	mobilising and in marketing of forest products
Data required for the	Total investments in renewable energy production supported under measures 4
individual operation	'Investments in physical assets', 6 'Farm and business development', 7 'Basic
	services' (investment in renewable energy) and sub-measure 8.6 'Investments
	in forestry technologies and in processing, in mobilising and in marketing of
	forest products'
Data source/ location of	MA/PA operations database
the data	
Point of data collection	Data collected in the application but reported when the operation is completed
Frequency	Annual
Delay	
Means of transmission	Monitoring tables of AIR
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Indicator Name	Percentage of Livestock Units (LU) concerned by investments in livestock
To dia stance and	management in view of reducing GHG and/or ammonia emissions
Indicator code	R 16/T17
Target indicator	Yes (T17)
The related priority	
	Promoting resource efficiency and supporting the shift towards a low carbon
	and climate resilient economy in agriculture, food and forestry sectors
The related focus area	5D
7. 01. 1.1	Reducing greenhouse gas and ammonia emissions from agriculture
Definition	LU concerned by investments in livestock management in view of reducing
	GHG and/or ammonia emissions supported under measure 4 'Investments in
	physical assets' as a percentage of total LU in a base year
Unit of measurement	Number
	%
Methodology/formula	Ratio a/b
	a) O.8 Total number of LU concerned by investments on farm aiming at
	reducing GHG and/or ammonia emissions supported under measure 4 (e.g. for
	an investment in manure treatment, the number of LU concerned by that
	investment on the farm).
	h) Total I II in a base year
	b) Total LU in a base year
	Polarient massures contributing to torget (when programmed under this feaus
	Relevant measures contributing to target (when programmed under this focus
	area):
Data required for the	4 (Art. 17) Investments in physical assets O LU concerned by investments in livestrals management in view of radvains.
Data required for the	a) LU concerned by investments in livestock management in view of reducing GHG and/or ammonia emissions supported under measure 4
individual operation Data source/ location of	
	a) LU concerned by investments in livestock management: from applications,
the data	MA/PA operations database b) Total LU: regional/national statistics
Point of data collection	a) LU concerned by investments in livestock management: data collected in
Foint of data conection	the application but used when the action is completed
	b) Total LU: regional/national statistics
Frequency	a) LU concerned by investments in livestock management: annual
Frequency	b) Total LU: regional/national statistics
Delay	a) LU concerned by investments in livestock management: /
Delay	b) Total LU: regional/national statistics
Means of transmission to	Monitoring tables of AIR
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Indicator Name	Dougantage of agricultural land under management contracts targeting
indicator Name	Percentage of agricultural land under management contracts targeting
Indicator J.	reduction of GHG and/or ammonia emissions
Indicator code	R17/T18
Target indicator	Yes (T18)
The related priority	5
	Promoting resource efficiency and supporting the shift towards a low carbon
	and climate resilient economy in agriculture, food and forestry sectors
The related focus area	5D
	Reducing greenhouse gas and ammonia emissions from agriculture
Definition	Agricultural land under management contracts targeting reduction of GHG
	and/or ammonia emissions supported under measure 10 as a percentage of total
	agricultural land in a base year
Unit of measurement	Number
	%
Methodology/formula	Ratio a/b
	a) O.5 Agricultural land under management contracts targeting reduction of
	GHG and/or ammonia emissions supported under the RDP, including:
	- land dedicated to reducing GHG and/or ammonia emissions under measure
	10 (e.g. green cover, catch crops, reduced fertilisation, extensification)
	programmed under FA 5D or P4
	F8
	The total number of hectares should be reduced to the physical area: where
	hectares are covered by two of these schemes/measures for the reduction of
	GHG and/or ammonia emissions, only one hectare should be counted (not
	t in the state of
	two). It is the real surface where at least one action to reduce N2O emissions
	and methane is taking place which should be counted.
	h) total a migratural land in a haza rasan
	b) total agricultural land in a base year
	Palayant massures contributing to target (when programmed under this feats
	Relevant measures contributing to target (when programmed under this focus
	area):
	• 10 (Art. 28) Agri-environment-climate
Data required for the	see above
individual operation	
Data source/ location of	a) Agricultural land under management contracts targeting reduction of GHG
the data	and/or ammonia emissions: MA/PA operations database (+ IACS)
	b) Total agricultural land: Eurostat
Point of data collection	a) Agricultural land under management contracts targeting reduction of GHG
	and/or ammonia emissions: measure 10 'Agri-environment-climate': area paid
	after administrative and on-the-spot checks of the annual claims
	b) Total agricultural land: Eurostat
Frequency	a) Agricultural land under management contracts targeting reduction of GHG
	and/or ammonia emissions: annual
	b) Total agricultural land: Eurostat
Delay	a) Agricultural land under management contracts targeting reduction of GHG
_	and/or ammonia emissions: /
	b) Total agricultural land: Eurostat
Means of transmission	Monitoring tables of AIR
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Indicator Name	Percentage of agricultural and forest land under management contracts
	contributing to carbon sequestration and conservation
Indicator code	R20/T19
Target indicator	Yes (T19)
The related priority	5
	Promoting resource efficiency and supporting the shift towards a low carbon
	and climate resilient economy in agriculture, food and forestry sectors
The related focus area	5E
	Fostering carbon conservation and sequestration in agriculture and forestry
Definition	Agricultural and forest land under management contracts to foster carbon
	sequestration/conservation supported under the RDP as percentage of total
	agricultural and forest land area in a base year
Unit of measurement	Number
	%
Methodology/formula	Ratio a/b
	a) O.5 Agricultural and forest land under management contracts to foster carbon sequestration/conservation supported under the RDP, including: - land dedicated to carbon sequestration/conservation under sub-measures 8.1 'Afforestation and creation of woodland' (establishment only) and 8.2 'Establishment of agroforestry systems' (establishment only) + measure 10 'Agri-environment-climate' programmed under FA 5E or P4
	The total number of hectares should be reduced to the physical area: where hectares are covered by two of these schemes/measures to foster carbon sequestration/conservation, only one hectare should be counted. It is the real surface where at least one action to foster carbon sequestration/conservation is taking place which should be counted.
	b) Total agricultural land in a base year + total forestry land in a base year
	Relevant measures contributing to target (when programmed under this focus area):
	• 8.1 and 8.2 (Art. 21) Afforestation and creation of woodland and
	Establishment of agroforestry systems
	• 10 (Art. 28) Agri-environment-climate
Data required for the individual operation	see above
Data source/ location of	a) Agricultural and forest land under management contracts to foster carbon
the data	sequestration/conservation: MA/PA operations database (+ IACS)
	b) Total agricultural and forest land area: Eurostat
Point of data collection	a) Agricultural and forest land under management contracts to foster carbon
	sequestration/conservation: measure 10 Agri-environment-climate: area paid
	after administrative and on-the-spot checks of the annual claims; sub-
	measures 8.1 and 8.2 Afforestation and creation of woodland and
	Establishment of agroforestry systems (establishment only): data collected at
	application level and reported when completed
	b) Total agricultural and forest land area: Eurostat
Frequency	a) Agricultural and forest land under management contracts to foster carbon
	sequestration/conservation: annual
	b) Total agricultural and forest land area: Eurostat
Delay	a) Agricultural and forest land under management contracts to foster carbon

	sequestration/conservation: / b) Total agricultural and forest land area: Eurostat
Means of transmission	Monitoring tables of AIR
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Indicator Name	Jobs created in supported projects
Indicator code	R21/T20
Target indicator	Yes (T20)
The related priority	6
	Promoting social inclusion, poverty reduction and economic development in
	rural areas
The related focus area	6A
	Facilitating diversification, creation and development of small enterprises, as
	well as job creation
Definition	Total number of jobs created in full time equivalent (FTE) (not maintained)
	through supported projects expressed in (FTE).
Unit of measurement	Number
Methodology/formula	
	Relevant measures contributing to target (when programmed under this focus
	area):
	• 4 (Art.17) Investments in physical assets
	• 6 (Art. 19) Farm and business development
	• 8.6 (Art. 21) Investments in forestry technologies and in processing, in
	mobilising and in the marketing of forest products
Data required for the	Total number of permanent jobs created (not maintained) through supported
individual operation	projects under measures 4 and 6 and sub-measure 8.6 expressed in FTE, by
•	gender.
Data source/ location of	Application forms/business plans (expected outcome); validated through
the data	sample of completed projects
Point of data collection	Recorded at selection of projects (business plans), reported at the completion
	of the project and validated through sample of completed projects, which will
	also assess the gender of job holders.
Frequency	Annual
Delay	/
Means of transmission	Monitoring tables of AIR
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Comments/caveats	Data source should be the business plan not a separate projection in order to
	avoid the risk of over estimation.
	Only new jobs actually created should be counted, which excludes jobs
	maintained (as too problematic to assess). It relates to employment when the
	project is up and running, i.e. if the project is creation of a farm shop, it does
	not include employment created during the design/construction building phase
	- consultant/architect/builders, but the employment which is created when the
	shop is running (manager, sales assistants, etc.).
	Voluntary work should not be counted but self-employment is included.
	Indicator is calculated in FTE; therefore, if an existing halftime job is
	transformed into a full time job, the value of the indicator is 0.5 (a half job is
	considered created).
	To count one job created, the duration of the contract should be one year or
	more (e.g. a six month contract at 100% is 0.5).

Indicator Name	Percentage of rural population covered by local development
	strategies
Indicator code	R22/T21
Target indicator	Yes (T21)
The related priority	6
	Promoting social inclusion, poverty reduction and economic development
	in rural areas
The related focus area	6B
	Fostering local development in rural areas
Definition	% of rural population covered by LAGs funded through the RDP under
	LEADER
Unit of measurement	Number
	%
Methodology/formula	Ratio a/b in %
	a) O.18 Total number of rural population covered by LAGs funded
	through the RDP under LEADER over the programming period
	b) Total rural population covered in the RDP area
	Relevant measures contributing to target:
	• 19 LEADER
Data required for the	a) Total rural population covered by LAGs funded under LEADER
individual operation	b) Total rural population covered by the RDP area
Data source/ location of	a) Total rural population covered: MA/LAG
the data	b) Total rural population covered by the RDP area: national or regional
	statistics
Point of data collection	a) Total rural population covered: recorded at selection of local
	development strategies (LDS) by MA/LAG, after each selection round
	b) Total rural population covered by the RDP area: national or regional
	statistics
Frequency	a) Total rural population covered: annual
	b) Total rural population covered by the RDP area: national or regional
	statistics
Delay	/
Means of transmission	Monitoring tables of AIR
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Indicator Name	Jobs created in supported projects
Indicator code	R24/T23
Target indicator	Yes (T23)
The related priority	6
	Promoting social inclusion, poverty reduction and economic
	development in rural areas
The related focus area	6B
	Fostering local development in rural areas
Definition	Number of jobs created in FTE through support for implementation of
	operations under the LDS funded through the RDP under LEADER
Unit of measurement	Number
Methodology/formula	/
	Relevant measures contributing to target:
	• 19 LEADER
Data required for the	Jobs created through support for implementation of operations under
individual operation	the LDS under LEADER, by gender.
Data source/ location of	Application forms of LEADER projects transferred from LAGs to MA
the data	
Point of data collection	Recorded at selection of projects (business plans), provided by LAGs to
	MAs at the completion of the projects and validated through sample of
	completed projects, which will also assess the gender of job holders
Frequency	Annual
Delay	/
Means of transmission to	Monitoring tables of AIR
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Comments/caveats	The target set in the RDP is not broken down by gender but data
	collected during the implementation should be broken down by gender.
	Only new jobs actually created should be counted, which excludes jobs
	maintained. It relates to employment when the project is up and
	running, i.e. if the project is creation of a farm shop, it does not include
	employment created during the design/construction building phase –
	consultant/architect/builders, but the employment which is created
	when the shop is running (manager, sales assistants, etc.).
	Voluntary work should not be counted but self-employment is included.
	Indicator is calculated in FTE; therefore, if an existing halftime job is
	transformed into a full time job, the value of the indicator is 0.5 (a half job is considered greated)
	job is considered created). To count one job created, the duration of the contract should be one
	year or more (e.g. a six month contract at 100% is 0.5).
	year of more (e.g. a six month contract at 100% is 0.3).

Indicator Name	Percentage of rural population benefiting from improved services /
	infrastructures
Indicator code	R23/T22
Target indicator	Yes (T22)
The related priority	6
	Promoting social inclusion, poverty reduction and economic
-	development in rural areas
The related focus area	6B
	Fostering local development in rural areas
Definition	Population benefiting from improved services/infrastructures
	supported under RDP through measure 7 'Basic services and village
	renewal in rural areas' (only 7.1, 7.2, 7.4 to 7.8)
Unit of measurement	Number
	%
Methodology/formula	Ratio a/b in %
	a) The definition of the benefiting population is the potential users:
	size of the population in the area (e.g. municipality, group of
	municipalities) benefiting from the service/infrastructure.
	b) Total rural population covered in the RDP area
	Double counting of the same population should be avoided. If different
	operations are supported in the same area, the population should be
	counted only once (difference compared to output O.15 where double
	counting is possible).
	Relevant measures contributing to target (when programmed under this
	focus area):
	• 7 (Art. 20) Basic services and village renewal in rural areas
	(only 7.1, 7.2, 7.4 to 7.8 excluding ICT/Broadband)
Data required for the	a) Population benefiting from improved services/infrastructures
Data required for the individual operation	supported under measure 7.
murviduai operation	b) Total rural population covered by the RDP area
Data source/ location of the	a) Applications, MA/PA operations database
data	b) Total rural population covered by the RDP area: national or regional statistics
Point of data collection	a) Application form plus confirmation/amendment on completion of
1 oint of data conection	operation if needed (Local Administrative Units concerned +
	population) (reported when the action is completed)
	b) Total rural population covered by the RDP area: national or regional
	statistics systems
Frequency	a) Annual
Frequency	b) Total rural population covered by the RDP area: national or regional
	statistics systems
Delay	/
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Indicator Name	Percentage of rural population benefiting from new or improved
	services / infrastructures (ICT)
Indicator code	R25/T24
Target indicator	Yes (T24)
The related priority	6
	Promoting social inclusion, poverty reduction and economic development in
	rural areas
The related focus	6C
area	Enhancing the accessibility, use and quality of information and
	communication technologies (ICT) in rural areas
Definition	% of rural population benefiting from support for services/infrastructure
	(broadband internet infrastructure and other ICT) under sub-measure 7.3
	Basic services and village renewal in rural areas (ICT/Broadband)
	Relevant measures contributing to target (when programmed under this
	focus area):
	• 7.3 (Art. 20) Basic services and village renewal in rural areas
	(ICT/Broadband)
Unit of measurement	Number
Methodology/formula	Ratio a/b in %
	a) The definition of the benefiting population is the potential users: size of
	the population in the area (e.g. municipality, group of municipalities)
	benefiting from the services/infrastructure.
	b) Total rural population covered in the RDP area
	o) 10 mil 1 mil population 40 (410 mil mil 122 mil mil
	Double counting of the same population should be avoided. If different
	operations are supported in the same area, the population should be counted
	only once (difference compared to output O.15 where double counting is
	possible).
	Relevant measures contributing to target (when programmed under this
	focus area):
	• 7.3 (Art. 20) Basic services and village renewal in rural areas
Data required for the	a) Population benefiting from support for services/infrastructure (broadband
individual operation	internet infrastructure and other ICT) under sub-measure 7.3
	b) Total rural population covered by the RDP area
Data source/ location	a) Applications, MA/PA operations database
of the data	b) Total rural population covered by the RDP area: national or regional
	statistics
Point of data	a) Application form plus confirmation/amendment on completion of
collection	operation if needed (Local Administrative Units concerned + population)
	(reported when the action is completed)
	b) Total rural population covered by the RDP area: national or regional
	statistics systems
Frequency	a) Annual
	b) Total rural population covered by the RDP area: national or regional
	statistics systems
Delay	
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