

Working document

**Draft target indicator fiches for Pillar II
(Priorities 1 to 6)**

2015

Draft list of target / result indicators

<i>Focus Area</i>	<i>Target indicator</i>	<i>Complementary result indicators</i>
FA 1A <i>Fostering innovation, cooperation, and the development of the knowledge base in rural areas</i>	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 <i>Strengthening the links between agriculture, food production and forestry and research and innovation, including for the purpose of improved environmental management and performance</i>	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 <i>Fostering lifelong learning and vocational training in the agriculture and forestry sectors</i>	Total number of participants trained under Article 14 of regulation (EU) No 1305/2013 [across all focus areas]	
FA 2A <i>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</i>	Percentage of agriculture holdings with RDP support for investments in restructuring or modernisation	Change in Agricultural output on supported farms/ AWU
FA 2B <i>Facilitating the entry of adequately skilled farmers into the agricultural sector and, in particular, generational renewal</i>	Percentage of agriculture holdings with RDP supported business development plan/investments for young farmers	
FA 3A <i>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 organisations and inter-branch organisations</i>	Percentage of agricultural holdings receiving support for participating in quality schemes, local markets and short supply circuits, and producer groups/organisations	
FA 3B <i>Supporting farm risk prevention and management</i>	Percentage of farms participating under risk management schemes	
FA 4A <i>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</i>	Percentage of forest or other wooded areas under management contracts supporting biodiversity + Percentage of agricultural land under management contracts supporting biodiversity and/or landscapes	
FA 4B	Percentage of agricultural land under	

Focus Area	Target indicator	Complementary result indicators
Improving water management, including fertiliser and pesticide management	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 + Percentage of rural population benefiting from improved services / infrastructures + Jobs created in supported projects (Leader)	
FA 6C Enhancing 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

<p>Indicator Name <i>Title of the indicator which will be used in implementing regulation/guidance documents.</i></p>
<p>Indicator code <i>Alphanumeric identifier.</i></p>
<p>Target indicator <i>Identification of whether the indicator is a target indicator?</i></p>
<p>The related priority <i>Identification of the priority to which the indicator is linked as defined in the Pillar II intervention logic.</i></p>
<p>The related focus area <i>Identification of the focus area to which the indicator is linked as defined in the Pillar II intervention logic.</i></p>
<p>Definition <i>Concise definition of the concept, including if the indicator already exists, e.g. AEI, EUROSTAT indicator.</i></p>
<p>Unit of measurement <i>Unit used to record the value (e.g. ha, tonnes, €, %)</i></p>
<p>Methodology/formula <i>Identification of what is needed to transform data from the operation database into value for the indicator.</i></p>
<p>Data required for the individual operation <i>Data required from the operation 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.</i></p>
<p>Data source/location of the data <i>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</i></p>
<p>Point of data collection <i>Point(s) in time at which data is collected (e.g. operation/project approval, completion or during evaluation activities).</i></p>
<p>Frequency <i>In principle this would be annual. If annual is not adequate, please specify.</i></p>
<p>Delay <i>Delay between data collection and data aggregation (where external statistical data is used).</i></p>
<p>Means of transmission to Commission <i>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).</i></p>
<p>Comments/caveats <i>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).</i></p>

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, cooperation, 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 1 'Knowledge transfer and information actions', 2 'Advisory services, farm management and farm relief services' and 16 'Cooperation 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 1 'Knowledge transfer and information action's + O.1 Total public expenditure on fostering innovation and the knowledge base in rural areas under 2 'Advisory services, farm management and farm relief service's + O.1 Total public expenditure on fostering innovation and the knowledge base in rural areas under 16 'Cooperation' b) Total RDP public expenditure Relevant measures contributing to target: <ul style="list-style-type: none"> • 1 (Art. 14) Knowledge transfer and information actions • 2 (Art 15) Advisory services, farm management and farm relief services • 16 (Art 35) Cooperation
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 cooperation operations supported under the cooperation 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	1 Fostering knowledge transfer and innovation in agriculture, forestry and rural areas
The related focus area	1B 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 cooperation operations (groups, networks/clusters, pilot projects...) financed under co-operation supported under 16 'Cooperation'.
Unit of measurement	Nbr
Methodology/formula	/ O.16 + O.17 Relevant measures contributing to target: <ul style="list-style-type: none"> • 16 (Art. 35) Co-operation
Data required for the individual operation	O.16 Nbr of EIP operational groups to be supported (establishment and operation) and O.17 nbr of other cooperation operations (groups, networks/clusters, pilot projects...) to be supported under 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 agriculture and forestry sectors
Definition	Total number of participants trained under Knowledge transfer and information actions supported by RDP under 1
Unit of measurement	Nr
Methodology/formula	/ O.12 Relevant measures contributing to target: • 1 (Art. 14) Knowledge transfer and information action
Data required for the individual operation	Nr of participants trained under Knowledge transfer and information action (1)
Data source/ location of the data	Nr of participants trained: MA/PA operations database (output indicator)
Point of data collection	Application form, plus confirmation/amendment on completion of the operation
Frequency	annual
Delay	/
Means of transmission to Commission	Monitoring tables of AIR
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	P2
The related focus area	P2A
Definition	Total number of farm holding receiving support for investment in restructuring or modernisation under 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	Nr %
Methodology/formula	Ratio a/b in % a) 0.4 Total number of farm holding receiving support for investment in restructuring and/or modernisation under 4 over the programming period b) Total number of agricultural holdings in base year for the RDP area. Relevant measures contributing to target (programmed under this focus area): <ul style="list-style-type: none"> • 4 (Art.17) investment in physical assets
Data required for the individual operation	a) Total number of farm holding receiving support for investment in restructuring and/or modernisation (4) over the programming period (cumulative) b) Total number of agricultural holdings in base year for the RDP area
Data source/ location of the data	a) from applications, MA/PA operation database (output indicator) b) Eurostat: Farm Structure Survey
Point of data collection	a) data collected at application level but reported when the operation is completed b) /
Frequency	a) annual b) /
Delay	a) / b) /
Means of transmission to Commission	a) Monitoring tables of AIR
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 time.

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
The related focus area	2B
Definition	Total number of farm holding receiving business start-up aid for young farmers under 6 over the programming or total number of farm holdings supported for investment targeting young farmers under 4 period expressed as a percentage of the total number of agricultural holdings in base year for the RDP area
Unit of measurement	Nr %
Methodology/formula	<p>Ratio a/b in %</p> <p>a) 0.4 Total number of farm holding receiving business start-up aid for young farmers over the programming period or 0.4 total number of farm holdings supported for investment targeting young farmers over the programming period</p> <p>b) Total number of agricultural holdings in base year for the RDP area.</p> <p>The target is based on the key (sub)measure for young farmers (YF) needing support to set up their holding (6.1 start-up aid YF) compared to the total number of (existing) agricultural holdings.</p> <p>In case business development 6.1 'start-up aid YF' is not programmed as the key measure under this Focus Area (based on the RDP strategy): farm holdings (y) supported under the measure physical investment 4.1 is used in the calculation of the target (only if 6.1 is not programmed to avoid double counting).</p> <p>Relevant measures contributing to target:</p> <ul style="list-style-type: none"> • 6.1 (Art.19) farm and business development or • 4 (Art.17) investment in physical assets
Data required for the individual operation	<p>a) Total number of farm holding receiving business start-up aid for young farmers under 6 (cumulative) or or total number of farm holdings supported for investment targeting young farmers under 4 (cumulative)</p> <p>b) Total number of agricultural holdings in base year for the RDP area</p>
Data source/ location of the data	<p>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: from applications, MA/PA operation database (output indicator)</p> <p>b) Total number of agricultural holdings: Eurostat: Farm Structure Survey</p>
Point of data collection	<p>a) Total number of farm holding 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</p> <p>b) Total number of agricultural holdings: /</p>
Frequency	<p>a) Total number of farm holding receiving business start-up aid for young farmers or total number of farm holdings supported for investment targeting young farmers : annual</p> <p>b) Total number of agricultural holdings: /</p>
Delay	<p>a) Total number of farm holding receiving business start-up aid for young farmers or total number of farm holdings supported for investment targeting young farmers: /</p>

	b) Total number of agricultural holdings: /
Means of transmission to Commission	a) Monitoring tables of AIR
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 RDP through 3 Quality schemes for agricultural products and foodstuffs, 9 Setting-up of producer groups and organisations and 16 Co-operation (only cooperation among supply chain actors 16.4) 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) 0.4 Total number of agricultural holdings receiving support over the programming period under 3 Quality schemes for agricultural products and foodstuffs + 0.9 Total number of agricultural holdings receiving support over the programming period under 9 Setting up of producer groups and organisations + 0.9 Total number of agricultural holdings receiving support over the programming period under 16 Co-operation (only cooperation among supply chain actors) b) Total number of agricultural holdings in base year for the RDP area Relevant measures contributing to target: <ul style="list-style-type: none"> • 3.1 (Art. 16) Quality schemes for agricultural products and foodstuffs • 9 (Art. 27) Setting up of producer groups and organisations • 16.4 (Art. 35) Co-operation
Data required for the individual operation	a) Total number of agricultural holdings receiving support over the programming period under Quality schemes for agricultural products and foodstuffs (3.1), Setting-up of producer groups and organisations (9) and Co-operation (only cooperation among supply chain actors) (16.4) b) Total number of agricultural holdings in base year for the RDP area
Data source/ location of the data	a) Total number of agricultural holdings receiving support: from applications, MA/PA operation 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: Quality (3): data collected at application level but reported on an annual basis when annual payment is made. For Producer group (9): Application form, plus confirmation/amendment and reporting when annual payment is made.

	For cooperation (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 Commission	a) Total number of agricultural holdings receiving support: AIR monitoring tables b) Total number of agricultural holdings in base year for the RDP area: /
Comments/caveats	

Indicator Name	percentage of farms participating under 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 17.1, participating in mutual funds under 17.2, participating in income stabilisation tool under 17.3, and investing in preventive actions under 5 expressed as a percentage of the total number of agricultural holdings in base year for the RDP area
Unit of measurement	Nr %
Methodology/formula	Ratio a/b in % a) 0.4 nbr of agricultural holdings supported for insurance premiums (17.1) + 0.9 nbr of agricultural holdings participating in mutual funds (17.2) + 0.9 nbr of agricultural holdings participating in income stabilisation tool (17.3) + 0.4 nbr of agricultural holdings investing in preventive actions (5.1) b) Total number of agricultural holdings in base year for the RDP area Relevant measures contributing to target: <ul style="list-style-type: none"> • 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 individual operation	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). b) Total number of agricultural holdings: Eurostat: Farm Structure Survey
Data source/ location of the data	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): from applications, MA/PA operation 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) 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 (ha)
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	<ul style="list-style-type: none"> ▪ 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	<ul style="list-style-type: none"> ▪ 4A % of agricultural land area under RD management contracts restoring or preserving biodiversity and/or landscapes <p>Relevant measures contributing to target:</p> <ul style="list-style-type: none"> - 10 (Art. 28) Agri-environment climate - 11 (Art. 29) Organic farming - 12 (Art. 30) Natura 2000 - 8.1 and 8.2 (Art. 21 establishment only) Afforestation and creation of woodland and establishment of agroforestry systems <ul style="list-style-type: none"> ▪ 4B % of agricultural land area under RD management contracts improving water management <p>Relevant measures contributing to target:</p> <ul style="list-style-type: none"> - 10 (Art. 28) Agri-environment climate - 11 (Art. 29) Organic farming - 12 (Art. 30) Natura 2000 - 8.1 and 8.2 (Art. 21 establishment only) Afforestation and creation of woodland and establishment of agroforestry systems <ul style="list-style-type: none"> ▪ 4C % of Agricultural land under management contracts improving soil management and or preventing soil erosion (ha) <p>Relevant measures contributing to target:</p> <ul style="list-style-type: none"> - 10 (Art. 28) Agri-environment climate - 11 (Art. 29) Organic farming - Art. 21 (8.1 and 8.2 establishment only) Afforestation and creation of woodland and establishment of agroforestry systems
Unit of measurement	Ha %
Methodology/formula	4A % of agricultural land area under RD management contracts restoring or

	<p>preserving biodiversity and/or landscapes</p> <p>Ratio a/b in %</p> <p>a) Physical agricultural land area (ha) under land management restoring and preserving biodiversity</p> <p>b) Total agricultural land area (ha) in 2013 for the RDP area</p> <ul style="list-style-type: none"> ▪ 4B % of agricultural land area under RD management contracts improving water management <p>Ratio a/b in %</p> <p>a) Physical agricultural land area (ha) under land management improving water management</p> <p>b) Total agricultural land area (ha) in 2013 for the RDP area</p> <ul style="list-style-type: none"> ▪ 4C % of Agricultural land under management contracts improving soil management and or preventing soil erosion (ha) <p>Ratio a/b in %</p> <p>a) Physical agricultural land area (ha) under land management improving soil management</p> <p>b) Total agricultural land area (ha) in 2013 for the RDP area</p> <p>If justified, area 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).</p> <p>Physical area: if different measures or schemes are implemented on the same area for the same FA, no double counting is allowed</p>
Data required for the individual operation	<p>a) Total agricultural land ha under land management</p> <p>b) total agricultural land area in base year for the RDP area</p>
Data source/ location of the data	<p>a) Total physical ha: from MA/PA operation database and IACS</p> <p>b) total agricultural land area in base year for the RDP area: EUROSTAT</p>
Point of data collection	<p>a) Total physical ha: 10, 11 and 12: area paid after administrative and on the spot checks of the annual claims.8.1 and 8.2 establishment: data collected in applications and reported when completed</p> <p>b) total agricultural land area: /</p>
Frequency	<p>a) Total physical ha: annual</p> <p>b) total agricultural land area in 2013 for the RDP area: /</p>
Delay	<p>a) Total physical ha: /</p> <p>b) total agricultural land area in 2013 for the RDP area: /</p>
Means of transmission to Commission	Monitoring AIR
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 (ha)
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	<ul style="list-style-type: none"> ▪ 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	<ul style="list-style-type: none"> ▪ 4A % of forest or other wooded area under RD management contracts restoring or preserving biodiversity <p>Relevant measures contributing to target:</p> <ul style="list-style-type: none"> - 15 (Art. 34) Forest-environmental and climate services and forest conservation - 12 (Art. 30) Natura 2000 - 8.5 (Art.21) Investments improving resilience and environmental value of forest ecosystems <ul style="list-style-type: none"> ▪ 4B % of forest or other wooded area under RD management contracts improving water management <ul style="list-style-type: none"> - 15 (Art. 34) Forest-environmental and climate services and forest conservation - 8.5 (Art.21) Investments improving resilience and environmental value of forest ecosystems <ul style="list-style-type: none"> ▪ 4C % of forestry under management contracts improving soil management and or preventing soil erosion (ha) <ul style="list-style-type: none"> - 15 (Art. 34) Forest-environmental and climate services and forest conservation - 8.5 (Art.21) Investments improving resilience and environmental value of forest ecosystems
Unit of measurement	Ha %
Methodology/formula	<ul style="list-style-type: none"> ▪ P4A % of forest or other wooded area under RD management contracts restoring or preserving biodiversity <p>Ratio a/b in %</p>

	<p>a) Physical forestry or wooded land area (ha) under land management restoring and preserving biodiversity</p> <p>b) Total forestry or wooded land area (ha) in 2013 for the RDP area</p> <ul style="list-style-type: none"> ▪ P4B % of forest or other wooded area under RD management contracts improving water management <p>Ratio a/b in %</p> <p>a) Physical forestry or wooded land area (ha) under land management improving water management</p> <p>b) Total forestry or wooded land area (ha) in 2013 for the RDP area</p> <ul style="list-style-type: none"> ▪ P4C % of forestry under management contracts improving soil management and or preventing soil erosion (ha) <p>Ratio a/b in %</p> <p>a) Physical forestry or wooded land area (ha) under land management improving soil management</p> <p>b) Total forestry or wooded land area (ha) in 2013 for the RDP area</p> <p>- 8.5 Investments improving resilience and environmental value of forest ecosystems: output indicator area concerned by investment improving resilience and environmental value of forest ecosystems should be used</p> <p>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).</p> <p>Physical area: if different measures or schemes are implemented on the same area for the same FA, no double counting is allowed</p>
Data required for the individual operation	<p>a) Total ha under land management</p> <p>b) total forestry area in base year for the RDP area</p>
Data source/ location of the data	<p>a) Total physical ha: from MA/PA operation database and IACS</p> <p>b) total forestry and wooded land area in 2013 for the RDP area: Land cover statistics (to be confirmed)</p>
Point of data collection	<p>a) Total physical ha: 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</p> <p>b) total forestry and wooded land area in 2013 for the RDP area: /</p>
Frequency	<p>a) Total physical ha: annual</p> <p>b) total forestry area in 2013 for the RDP area: /</p>
Delay	<p>a) Total physical ha: /</p> <p>b) total forestry area in 2013 for the RDP area: /</p>
Means of transmission to Commission	Monitoring AIR
Comments/caveats	

Indicator Name	Percentage of irrigated land switching to more efficient irrigation system
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 through RDP under 4 (concerning investments to convert irrigation systems) and 10 (concerning land management contracts to reduce irrigated land)
Unit of measurement	Nr %
Methodology/formula	Ratio a/b in % a) Nbr of hectares switching to more efficient irrigation systems through RDP, including: - 0.5 Nbr of hectares concerned by investments in more efficient irrigation systems (4) - + 0.5 Nbr of hectares switching to more efficient irrigation systems through agri-environment – climate actions (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): <ul style="list-style-type: none"> • 4 (Art. 17) Investments in physical assets • 10 (Art. 28) Agri-environment - climate
Data required for the individual operation	a) Nr of hectares switching to more efficient irrigation systems through RDP support described above b) Total irrigated land in a base year
Data source/ location of the data	a) Nbr of hectares switching to more efficient irrigation systems: MA/PA operations database, IACS b) Total irrigated land in a base year: Eurostat
Point of data collection	a) Nbr of hectares switching to more efficient irrigation systems: Agri-environment (10): area paid after administrative and on the spot checks of the annual claims. Investment (4): collected from applications and reported when the operation is completed b) Total irrigated land in a base year: depending on Eurostat
Frequency	a) Nbr of hectares switching to more efficient irrigation systems: annual b) Total irrigated land in a base year: depending on Eurostat
Delay	/
Means of transmission to Commission	Annual Implementation Report
Comments/caveats	

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 4 and 6
Unit of measurement	€
Methodology/formula	/ O.2 Relevant measures contributing to target (when programmed under this focus area): <ul style="list-style-type: none"> • 4 (Art. 17) Investments in physical assets • 6 (Art. 20) Basic services and village renewal in rural areas (investment in energy savings)
Data required for the individual operation	Total amount of investments in energy saving and efficiency supported under RDP (4 and 6)
Data source/ location of the data	MA/PA operations database
Point of data collection	Data collected in the application but reported when the operation is completed
Frequency	annual
Delay	/
Means of transmission to Commission	Annual Implementation Report
Comments/caveats	

Indicator Name	Total investment in renewable energy production
Indicator code	T16
Target indicator	Yes (t16)
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	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
Definition	Total investments in renewable energy production supported under 4 Investments in physical assets, 6 Farm and business development, 7 basic services and 8.6 Investments in new forestry technologies and in processing and marketing of forest products
Unit of measurement	€
Methodology/formula	O.2 Investments in renewable energy production supported under RDP (4) + O.2 investments in renewable energy production supported under RDP (6) + O.2 investments in renewable energy production supported under RDP (7) + O.2 investments in renewable energy production supported under RDP (8.6) (8.6) Relevant measures contributing to target (when programmed under this focus area): <ul style="list-style-type: none"> • 4 (Art. 17) Investments in physical assets • 6 (Art. 19) Farm and business development • 7 (Art. 20) Basic services • 8.6 (Art. 21) Investments in new forestry technologies and in processing and marketing of forest products
Data required for the individual operation	Total investments in renewable energy production supported under RDP (4) Investments in physical assets, (6) Farm and business development, (7) basic services (investment in renewable energy) and (8.6) Investments in new forestry technologies and in processing and marketing of forest products
Data source/ location of the data	MA/PA operations database
Point of data collection	Data collected in the application but reported when the operation is completed
Frequency	annual
Delay	/
Means of transmission to Commission	Annual Implementation Report
Comments/caveats	

Indicator Name	Percentage of Livestock Units (LU) concerned by investments in livestock management in view of reducing the GHG and/or ammonia emissions
Indicator code	R 16/T17
Target indicator	Yes (T17)
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	LU concerned by investments in livestock management in view of reducing GHG and/or ammonia emissions supported under 4 Investments in physical assets as a percentage of total LU in a base year
Unit of measurement	Nr %
Methodology/formula	Ratio a/b a) 0.8 Total amount of LU concerned by investments on farm aiming at reducing GHG and/or ammonia emissions supported under RDP (4) (e.g. for an investment in manure treatment, the number of LU concerned by that investment on the farm). b) total LU in a base year Relevant measures contributing to target (when programmed under this focus area): <ul style="list-style-type: none"> • (4) Art. 17 Investments in physical assets
Data required for the individual operation	a) LU concerned by investments in livestock management in view of reducing GHG and/or ammonia emissions supported under 4
Data source/ location of the data	a) LU concerned by investments in livestock management: from applications, 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 the application but used when the action is completed b) total LU: depending on regional/national statistics
Frequency	a) LU concerned by investments in livestock management: annual b) total LU: depending on regional/national statistics
Delay	a) LU concerned by investments in livestock management: / b) total LU: depending on regional/national statistics
Means of transmission to Commission	Annual Implementation Report
Comments/caveats	

Indicator Name	Percentage of agricultural land under management contracts targeting 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 nitrous oxide and methane emissions from agriculture
Definition	Agricultural land under management contracts targeting reduction of GHG and/or ammonia emissions supported under 10 as a percentage of total agricultural land in a base year
Unit of measurement	Nr %
Methodology/formula	<p>Ratio a/b</p> <p>a) 0.5 Agricultural land under management contracts targeting reduction of GHG and/or ammonia emissions supported under RDP, including: - land dedicated to reducing GHG and/or ammonia emissions (10) (e.g. green cover, catch crop, reduced fertilisation, extensification) programmed under FA 5D or P4</p> <p>The total number of hectares should be reduced to the physical area: where hectares are covered by 2 of these schemes/measures for the reduction of GHG and/or ammonia emissions, only one hectare should be counted (not 2). It is the real surface where at least one action to reduce N₂O emissions and methane is taking place which should be counted.</p> <p>b) total agricultural land in a base year</p> <p>Relevant measures contributing to target:</p> <ul style="list-style-type: none"> • (10) Art. 28 Agri-environment - climate
Data required for the individual operation	see above
Data source/ location of the data	<p>a) Agricultural land under management contracts targeting reduction of GHG and/or ammonia emissions : MA/PA operations database (+ IACS)</p> <p>b) total agricultural land: Eurostat</p>
Point of data collection	<p>a) Agricultural land under management contracts targeting reduction of GHG and/or ammonia emissions : Agri-environment (10): area paid after administrative and on the spot checks of the annual claims b) total agricultural land: depending on Eurostat</p>
Frequency	<p>a) Agricultural land under management contracts targeting reduction of GHG and/or ammonia emissions : annual</p> <p>b) total agricultural land: depending on Eurostat</p>
Delay	<p>a) Agricultural land under management contracts targeting reduction of GHG and/or ammonia emissions : /</p> <p>b) total agricultural land: depending on Eurostat</p>
Means of transmission to Commission	Annual Implementation Report
Comments/caveats	

Indicator Name	Percentage of agricultural and forest land under management contracts to foster carbon sequestration or 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	a) Agricultural and forestry land under management contracts to foster carbon sequestration/conservation supported under RDP as percentage of total agricultural and forest land area in a base year
Unit of measurement	Nbr. %
Methodology/formula	Ratio a/b a) 0.5 Agricultural and forestry land under management contracts to foster carbon sequestration/conservation supported under RDP, including: - ha dedicated to carbon sequestration/conservation (Afforestation and creation of woodland (8.1 establishment only)) + Agricultural and forestry land under management contracts to foster carbon sequestration/conservation (Establishment of agro-forestry systems (8.2 establishment only)) + Agricultural and forestry land under management contracts to foster carbon sequestration/conservation supported (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 2 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: <ul style="list-style-type: none"> • 8.1 and 8.2 (Art. 21) Afforestation and creation of woodland and Establishment of agro-forestry systems • 10 (Art. 28) Agri-environment
Data required for the individual operation	see above
Data source/ location of the data	a) Agricultural and forestry land under management contracts to foster carbon sequestration/conservation: MA/PA operations database (+ IACS) b) total agricultural and forest land area: Eurostat
Point of data collection	a) Agricultural and forestry land under management contracts to foster carbon sequestration/conservation: Agri-environment (10): area paid after administrative and on the spot checks of the annual claims Afforestation (8.1 and 8.2 establishment): data collected at application level and reported when completed.b) total agricultural and forest land area: depending on Eurostat
Frequency	a) Agricultural and forestry land under management contracts to foster carbon sequestration/conservation: annual b) total agricultural and forest land area: depending on Eurostat
Delay	a) Agricultural and forestry land under management contracts to foster carbon sequestration:conservation: /

	b) total agricultural and forest land area: depending on Eurostat
Means of transmission to Commission	Annual Implementation Report
Comments/caveats	

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 FTE (not maintained) through supported projects expressed in full time equivalent (FTE).
Unit of measurement	Nr
Methodology/formula	/ Relevant measures contributing to target (when programmed under this focus area): <ul style="list-style-type: none"> • 4 (Art.17) Investments in physical assets • 6 (Art. 19) Farm and business development • 8.6 (Art. 21) Investments in new forestry technologies and in processing and marketing of forest products
Data required for the individual operation	Total number of permanent jobs created (not maintained) through supported projects under 4, 6 and 8.6 expressed in full time equivalent (FTE) by gender.
Data source/ location of the data	Application forms/business plans (expected outcome); validated through sample of completed projects
Point of data collection	Data collected in the application/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 to Commission	Monitoring tables of AIR
Comments/caveats	Data source should be the business plan not a separate projection in order to avoid the risk of exaggeration. "Maintained jobs" are not taken into account as too problematic to assess. Only jobs actually created should be counted. This does not include jobs maintained, but only new jobs, and 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. Self-employment is included. Indicator is calculated in FTE, 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 1 job created, the duration of the contract should be 1 year or more (e.g. 6 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	Nr %
Methodology/formula	Ratio a/b in % a) O.18 Total number of rural population covered LAGs funded through the RDP LEADER over the programming period b) Total rural population covered in the RDP area Relevant measures contributing to target: <ul style="list-style-type: none"> • 19 LEADER
Data required for the individual operation	a) Total rural population covered by LAGs funded under LEADER b) Total rural population covered by the RDP area
Data source/ location of the data	a) Total rural population covered: MA/LAG 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 LDS by MA/LAG, after each selection round b) Total rural population covered by the RDP area: depending on national or regional statistics systems
Frequency	a) Total rural population covered: annual b) Total rural population covered by the RDP area: depending on national or regional statistics systems
Delay	/
Means of transmission to Commission	Annual Implementation Report
Comments/caveats	

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	Nr of jobs created in FTE through support for implementation of operations under the LDS funded through the RDP under LEADER
Unit of measurement	Nbr.
Methodology/formula	/ Relevant measures contributing to target: <ul style="list-style-type: none"> • 19 LEADER
Data required for the individual operation	Jobs created through support for implementation of operations under the LDS under LEADER by gender.
Data source/ location of the data	application forms of LEADER projects transferred from LAGs to MA
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 Commission	Annual Implementation Report
Comments/caveats	<p>The target set in the RDP is not broken down by gender but data collected during the implementation should be broken down.</p> <p>Only jobs actually created should be counted. This does not include jobs maintained, but only new jobs, and it relates to employment when the project/operation 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).</p> <p>Voluntary work should not be counted. Self-employment is included. Indicator is calculated in FTE, 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).</p> <p>To count 1 job created, the duration of the contract should be 1 year or more (e.g. 6 month contract at 100% is 0.5).</p>

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 7 Basic services and village renewal in rural areas
Unit of measurement	Nr %
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 which can double count). Relevant measures contributing to target (when programmed under this focus area): <ul style="list-style-type: none"> • 7 (Art. 20) Basic services and village renewal in rural areas If measure 7 is entirely implemented through LEADER, this target becomes relevant for LEADER and should be collected/reported
Data required for the individual operation	a) Population benefiting from improved services/infrastructures supported under 7. If measure 7 is entirely implemented through LEADER, this target becomes relevant for LEADER and should be collected/reported b) Total rural population covered by the RDP area
Data source/ location of the data	a) Applications, MA/PA operation database 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 operation if needed (Local Administrative Units concerned + population) (reported when the action is completed) b) Total rural population covered by the RDP area: depending on national or regional statistics systems
Frequency	a) Annual b) Total rural population covered by the RDP area: depending on national or regional statistics systems
Delay	/
Means of transmission to Commission	Annual Implementation Report
Comments/caveats	

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 area	6C Enhancing accessibility, use and quality of information and communication technologies (ICT) in rural areas
Definition	% of rural population benefiting from support for broadband internet infrastructure through RDP under 7 Basic services and village renewal in rural areas Relevant measures contributing to target (when programmed under this focus area): <ul style="list-style-type: none"> • 7.3 (Art. 20) Basic services and village renewal in rural areas
Unit of measurement	Nr
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 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 which can double count). Relevant measures contributing to target (when programmed under this focus area): <ul style="list-style-type: none"> • 7.3 (Art. 20) Basic services and village renewal in rural areas
Data required for the individual operation	a) Population benefiting from improved services/infrastructures supported under RDP through 7 b) Total rural population covered by the RDP area
Data source/ location of the data	a) applications, MA/PA operation database 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 operation if needed (Local Administrative Units concerned + population) (reported when the action is completed) b) Total rural population covered by the RDP area: depending on national or regional statistics systems
Frequency	a) Annual b) Total rural population covered by the RDP area: depending on national or regional statistics systems
Delay	/
Means of transmission to Commission	Monitoring tables of AIR
Comments/caveats	