<u>Working document</u>

Target indicator fiches for Pillar II

(Priorities 1 to 6)

APRIL 2015

List of target / result indicators

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 diversification*	Percentage of agriculture holdings with RDP support for investments in restructuring or modernisation	Change in agricultural output on supported farms/AWU (Annual Work Unit)
FA 2B *Facilitating the entry of adequately skilled farmers into the agricultural sector and, in particular, generational renewal*	Percentage of agriculture holdings with RDP supported business development plan/investments for young farmers	
FA 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 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)	4
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)	

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, €, %).*
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	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 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	/ O.12 Relevant measures contributing to target: • 1 (Art. 14) Knowledge transfer and information actions,1.1, vocational training
Data required for the individual operation	Number of participants trained under measure 1 'Knowledge transfer and information actions' (only 1.1, vocational training)
Data source/ location of the data	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	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	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 individual operation	a) Total number of farm holdings receiving support for investment in 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 the data	a) Total number of farm holdings receiving support for investment in 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: / 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. Same beneficiary supported for several and different operations (several and different 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 individual operation	a) Total number of farm holdings receiving business start-up aid for young 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 the data	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 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 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 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 data	a) Total number of agricultural holdings receiving support: from applications, 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 <br> 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 <br> 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 %
Methodology/formula	Ratio a/b in % a) O.4 Number of agricultural holdings supported for insurance premiums (17.1) + O.9 Number of agricultural holdings participating in mutual funds (17.2) + O.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 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 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 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) 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: - 10 (Art. 28) Agri-environment-climate - 11 (Art. 29) Organic farming - 12.3 (Art. 30) Water Framework Directive payments - 8.1 and 8.2 (Art. 21 establishment only) Afforestation and creation of woodland and establishment of agroforestry systems ▪ 4C % of agricultural land under management contracts improving soil management and/or preventing soil erosion Relevant measures contributing to target: - 10 (Art. 28) Agri-environment-climate - 11 (Art. 29) Organic farming - 8.1 and 8.2 (Art. 21 establishment only) Afforestation and creation of woodland and establishment of agroforestry systems

Unit of measurement	Ha %
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 individual operation	a) Total agricultural land area under land management b) Total agricultural land area in base year for the RDP area
Data source/ location of the data	a) Total physical area: from MA/PA operations database and IACS 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 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 to Commission	Monitoring tables of 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**
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 ▪ 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 % of forestry land under management contracts improving soil management and/or preventing soil erosion 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	Ha

	%
Methodology/formula	▪ 4A % of forest or other wooded areas under management contracts restoring or preserving biodiversity 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 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 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 individual operation	a) Total area under land management b) Total forestry area in base year for the RDP area
Data source/ location of the data	a) Total physical area: from MA/PA operations database and IACS 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 b) Total forestry area in 2013 for the RDP area: /
Delay	a) Total physical area: / b) Total forestry area in 2013 for the RDP area: /
Means of transmission to Commission	Monitoring tables of AIR
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 • 10 (Art. 28) Agri-environment-climate
Data required for the individual operation	a) Number 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) Number 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) 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 b) Total irrigated land in a base year: Eurostat
Frequency	a) Number of hectares switching to more efficient irrigation systems: annual b) Total irrigated land in a base year: Eurostat
Delay	/
Means of transmission to Commission	Monitoring tables of AIR
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 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 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	Monitoring tables of AIR
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 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 individual operation	Total investments in renewable energy production supported under measures 4 '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 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	Monitoring tables of AIR
Comments/caveats	

Indicator Name	**Percentage of Livestock Units (LU) concerned by investments in livestock management in view of reducing 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 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). b) Total LU in a base year Relevant measures contributing to target (when programmed under this focus area): • 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 measure 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: regional/national statistics
Frequency	a) LU concerned by investments in livestock management: annual b) Total LU: regional/national statistics
Delay	a) LU concerned by investments in livestock management: / b) Total LU: regional/national statistics
Means of transmission to Commission	Monitoring tables of AIR
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 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 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 two). It is the real surface where at least one action to reduce N2O emissions and methane is taking place which should be counted. b) total agricultural land in a base year Relevant measures contributing to target (when programmed under this focus area): • 10 (Art. 28) Agri-environment-climate
Data required for the individual operation	see above
Data source/ location of the data	a) Agricultural land under management contracts targeting reduction of GHG 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 to Commission	Monitoring tables of AIR
Comments/caveats	

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 the data	a) Agricultural and forest 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 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 to Commission	Monitoring tables of AIR
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 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 individual operation	Total number of permanent jobs created (not maintained) through supported projects under measures 4 and 6 and sub-measure 8.6 expressed in 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	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 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 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 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 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 to Commission	Monitoring tables of AIR
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	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 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	Monitoring tables of AIR
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 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 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 individual operation	a) Population benefiting from improved services/infrastructures supported under measure 7. b) Total rural population covered by the RDP area
Data source/ location of the data	a) Applications, MA/PA operations 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: national or regional statistics systems
Frequency	a) Annual b) Total rural population covered by the RDP area: national or regional statistics systems
Delay	/
Means of transmission to Commission	Monitoring tables of AIR
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 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 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 individual operation	a) Population benefiting from support for services/infrastructure (broadband internet infrastructure and other ICT) under sub-measure 7.3 b) Total rural population covered by the RDP area
Data source/ location of the data	a) Applications, MA/PA operations 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: national or regional statistics systems
Frequency	a) Annual b) Total rural population covered by the RDP area: national or regional statistics systems
Delay	/
Means of transmission to Commission	Monitoring tables of AIR
Comments/caveats	