

Annex to Chapter 12

INDICATORS AND TARGETS FOR THE RURAL DEVELOPMENT PROGRAMME FOR ENGLAND

Baseline indicators related to objectives (OECD definition)

Axis	Indicator	Measurement	England	UK	EU average
Horizontal	Economic development	GDP/capita 2003 (PPS) (EU-25 =100)	123	120	100
	Employment rate	Employed persons as a share of total population of the same age class: % (2005)	72.0	71.7	63.4
	Unemployment	Rate of unemployment (% of active population) (2005)	4.7	4.7	9.0
Axis 1	Training and education in agriculture	% farmers with basic and full education attained (2005)	22.6	23.2	20.0
	Labour productivity in agriculture	GVA (thousand Euros)/ AWU (2004)	34.1	N.A	N.A
	Labour productivity in food industry	GVA (thousand Euros) / AWU (2004)	NA	64.5	39.6

	Labour productivity in forestry	GVA (thousand Euros) /AWU (2004)	NA	17.79	34.4
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Axis 2	Biodiversity: Population of farmland birds	Trend of index population (reference year 2000 (2005))	NA	92.3	98.5
	Biodiversity: High Nature Value farmland areas	UAA (million ha) of High Nature Value (1999 or 2000)	NA	4.3 (indicative)	30.8
	Water quality: Gross Nutrient Balances	Surplus of nitrogen kg/ha (2002-2004)	NA	25	89
	Soil: organic farming	UAA under organic farming (2005 ENG- 2003) (thousand ha)	259	609	6,269
	Climate change: Production of renewable energy from agriculture	Production of renewable energy from agriculture: kToe (2005)	NA	45.9	-
	Climate change: Production of renewable energy from forestry	Production of renewable energy from forestry: kToe (2005)	NA	604	-

Axis 3	Farmers with other gainful activity	% of farmers with other gainful activity (2005)	44.1	42.0	36.4
	Employment development of non-agricultural sector	employment in secondary and tertiary sectors (thousand of people) (2004)	25,308	27,579	-
	Economic development of non-agricultural sector	GVA in secondary and tertiary sectors (mio Euro) (2004)	1,283,023	1,420,326	-
	Self-employment development	Thousands of people self-employed (2005)	3,074	3,582	-
	Internet take-up in rural areas	% population subscribed to DSL internet (2006) <ul style="list-style-type: none"> Rural 	NA	14.2	7.8

		<ul style="list-style-type: none"> • Suburban • Urban • National 		13.0 18.6 16.6	13.8 16.9 14.2
	Development of services sector	% GVA in services (2004)	77.8	76.1	71.7
	Lifelong learning in rural areas	% of 25-64 year olds participating in education and training (2005)	21.5	21.05	9.54

Axis 4	Development of Local Action Groups	% of population covered by Leader LAGs	3.8	6.7	14.3 ¹
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Baseline indicators related to context

Axis		Indicator	England	UK	EU average
Horizontal	Designation of rural areas	% territory in rural areas (2004) <ul style="list-style-type: none"> • Predominantly rural • Intermediate regions • Predominantly urban 	0 66.7 33.3	24.2 54.2 21.6	53.1 37.9 8.9
	Importance of rural areas	% population in rural areas (2004) <ul style="list-style-type: none"> • Predominantly rural • Intermediate regions • Predominantly urban 	0 26.8 73.2	2.0 28.4 69.6	18.6 37.7 43.7
	Importance of rural areas	% Gross Value Added in rural areas (2004) <ul style="list-style-type: none"> • Predominantly rural • Intermediate regions • Predominantly urban 	0 22.9 77.1	1.4 24.4 74.2	12.3 30.8 56.9

¹ EU-15

	Importance of rural areas	% employment in rural areas (2002) <ul style="list-style-type: none"> • Predominantly rural • Intermediate regions • Predominantly urban 	0 26.2 73.8	2.4 26.1 71.5	16.3 34.9 48.9
Axis 1	Agricultural land use	% UAA in different categories of land use (2005): <ul style="list-style-type: none"> • Arable area • Permanent grass • Permanent crops 	56.3 43.4 0.3	38.3 61.5 0.2	38.3 32.6 6.3
	Farm structure	Number of farms (2005)	195,920	286,750	-
	Farm structure	Utilised Agricultural Area (ha) (2005)	8,716,950	15,956,960	-
	Farm structure	Average area farm size (ha) (2006)	44.5	55.5	15.8
	Farm structure	Labour force (2005)	235,550	339,080	-
	Forestry structure	Area of forest available for wood supply (FAWS) – 1000 ha (2005)	112	2,361	-
	Forestry structure	Ownership (% area of FAWS under private ownership) (2005)	82	63.8	62
	Forestry structure	Average size of private holding (FOWL): ha (2003)	13.8	16.4	11.7 ^c
	Forest productivity	Average net annual volume increment (FAWS): 1000 m ³ overbark/year/ha of FAWS (2000):	4.2	6.9	4.9

² EU-22 (excl. AT, CY, EL)

Axis 2	Land cover	% (2000) area in: <ul style="list-style-type: none"> • agriculture • forest • natural • artificial classes 	74.7 6.0 7.4 11.3	58.7 8.1 24.7 7.4	47.4 30.9 15.4 4.2
	Less Favoured Areas	% (2000): UAA in: <ul style="list-style-type: none"> • Non LFA • LFA mountain • other LFA • LFA with special handicaps 	85.8 0.0 14.2 0.0	52.9 0.0 47.1 0.0	44.6 16.3 35.6 3.2
	Areas of extensive agriculture	(2005): <ul style="list-style-type: none"> • % UAA for extensive arable crops • % UAA for extensive grazing 	N.A 5.1	0.0 25.1	8.5 21.2
	Natura 2000 area	(2005): <ul style="list-style-type: none"> • % of territory under Natura 2000 • % UAA under Natura 2000 • % forest under Natura 2000 	8.0 NA NA	6.2 4.0 3.47	13.2 10.47 ³ 7.11 ⁴
	Biodiversity: protected forest	% FOWL protected to conserve biodiversity, landscapes and specific natural elements (2000/02)	NA	27.2	17.7
	Development of forest area	Average annual increase of forest land (2000-2005) 1000ha/year	NA	10.4	494
	Forest ecosystem health	% trees in defoliation classes 2-4 (2006) ⁵ : <ul style="list-style-type: none"> • Trees (all species) • Conifers • Broadleaves 	NA	30.5 31.1 29.4	22.9 23.0 23.6

³ excl. BG, RO, CZ, SI, SK

⁴ excl. BG, RO, CZ, SI, SK

	Water quality	% territory designated as Nitrate Vulnerable Zone (2006)	NA	38.4	41.4 ^u
	Water use	% irrigated UAA (2005)	2.4	1.3	6.8 ^v
	Protective forests concerning primarily soil and water	% FOWL area managed primarily for soil and water protection (2000/02)	0.0	0.0	7.0

Axis 3	Population density	Population density (inhabitants/km ²) (2004)	384.7	246	113.9
	Age structure	% people aged (2004): <ul style="list-style-type: none"> • 0-14 • 15-64 • >= 65 	18.9 65.2 15.9	18.3 65.8 16	16.4 67 16.5
	Structure of the economy	% GVA by branch (2004): <ul style="list-style-type: none"> • Primary • Secondary • Tertiary 	0.9 21.3 77.8	0.9 23.0 76.1	2.2 26.1 71.7
	Structure of employment	% employment by branch (2004): <ul style="list-style-type: none"> • Primary • Secondary • Tertiary 	1.2 22.3 76.3	1.5 18.8 79.7	6.6 ⁸ 25.4 68.1
	Long-term unemployment	% of active population (2005)	0.94	1.00	4.10
	Educational attainment	% adults with medium and high educational attainment (2005)	85.8	85.17	70.95

⁶ excl. BG, RO

⁷ excl. DE, EE, LU

⁸ EU-27, excl. IT, RO, UK

	Internet infrastructure	DSL coverage (2006): % <ul style="list-style-type: none"> • Rural • Suburban • Urban • National 	100 100 100 100	95.0 100.0 100.0 99.5	71.5 ⁹ 92.9 94.3 89.3
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⁹ EU-25

Output indicators

	Code	Measure	Output Indicators	ENG	UK
Axis 1	111	Vocational training and information actions	<ul style="list-style-type: none"> Number of participants in training Number of training days received 	110,187 304,326	140,087 361,426
	112	Setting up young farmers	<ul style="list-style-type: none"> Number of farmers Total volume of investment (€m) 	NP NP	500 69
	114	Use of advisory services	<ul style="list-style-type: none"> Number of farmers supported Number of forest holders supported 	NA 1,505	31,280 6,565 (excl. ENG & SCO)
	115	Setting up of management, relief and advisory services	<ul style="list-style-type: none"> Number of newly set up management, relief or advisory services 	35	35
	121	Modernisation of agricultural holdings	<ul style="list-style-type: none"> Number of farm holdings that received investment support Total volume of investments (€m) 	1,724 238	14,755 351
	122	Improvement of the economic value of forests	<ul style="list-style-type: none"> Number of forest holdings that received investment support Total volume of investments (€m) 	800 70	1,200 97
	123	Adding value to agricultural and forestry products	<ul style="list-style-type: none"> Number of enterprises supported Total volume of investments (€m) 	1,111 166	2,086 543
	124	Cooperation for development of new products, processes and technologies in the agriculture, food and forestry sectors	<ul style="list-style-type: none"> Number of cooperation initiatives supported 	1,850	2,130
	125	Infrastructure related to the development and adaptation of agriculture and forestry	<ul style="list-style-type: none"> Number of operations supported Total volume of investments (€m) 	790 109	4,590 55
		132	Participation of farmers in food quality schemes	<ul style="list-style-type: none"> Number of supported farm holdings participating in a quality scheme 	NP

	Code	Measure	Output Indicators	ENG	UK
Axis 2	212	Payments to farmers in areas with handicaps other than mountain areas	<ul style="list-style-type: none"> • Number of supported holdings • Agricultural land area supported (ha) 	700 0.08m	46,600 5.89m
	214	Agri-environment	<ul style="list-style-type: none"> • Number of farm holdings and holdings of other land managers receiving support • Total area under agri-environment support (ha) • Physical area under agri-environment support under this measure (ha) • Total number of contracts • Number of actions related to genetic resources 	50,000 7m 2.5m 50,000 0	88,270 8.82m 6.4m 91,570 0
	216	Non-productive investments	<ul style="list-style-type: none"> • Number of farm holdings and holdings of other land managers receiving support • Total volume of investments (€m) 	9,000 331	29,100 632
	221	First afforestation of agricultural land	<ul style="list-style-type: none"> • Number of beneficiaries receiving afforestation aid • Number of ha of afforested land 	1750 12000	3,220 (excl. ENG) 82,700
	223	First afforestation of non-agricultural land	<ul style="list-style-type: none"> • Number of beneficiaries receiving afforestation aid • Number of ha of afforested land 	700 3400	
	225	Forest-environment payments	<ul style="list-style-type: none"> • Number of forest holdings receiving support • Forest area under forest environment support (ha) • Physical forest area under forest environment support • Number of contracts 	1500 100,000 100000 1500	510 (excl. ENG) 800,500 700,500 (excl. ENG) NA NA

	227	Non-productive investments	<ul style="list-style-type: none"> • Number of supported forest holders • Total area (ha) on which payments made • Total volume of investments (€m) 	4500 210000 62	3,037 (excl. ENG) NA 130
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Axis 3	Code	Measure	Output indicators	ENG	UK
	311	Diversification into non-agricultural activities	<ul style="list-style-type: none"> • Number of beneficiaries • Total volume of investments (€m) 	796 93	3,182 349 (excl. WAL)
	312	Business creation and development	<ul style="list-style-type: none"> • Number of micro-enterprises supported/created 	1234	7,395
	313	Encouragement of tourism activities	<ul style="list-style-type: none"> • Number of new tourism actions supported • Total volume of investments (€m) 	466 35	4,897 204 (excl. SCO)
	321	Basic services for the economy and rural population	<ul style="list-style-type: none"> • Number of supported actions • Total volume of investments (€m) 	424 44	2,563 97
	322	Village renewal and development	<ul style="list-style-type: none"> • Number of villages where actions took place • Total volume of investments (€m) 	31 5	151 48
	323	Conservation and upgrading of the rural heritage	<ul style="list-style-type: none"> • Number of rural heritage actions supported • Total volume of investments (€m) 	128 84	168 157
	331	Training and information	<ul style="list-style-type: none"> • Number of participating economic actors to supported activities • Number of days of training received by participants 	12,400 36,800	22,420 78,752
	341	Skills acquisition, animation and implementation of local development strategies	<ul style="list-style-type: none"> • Number of skills acquisition and animation actions • Number of participants in actions • Number of public-private partnerships supported 	54 9,334 61	172 12,014 99

Code	Measure	Output indicators	ENG	UK
411	Implementing local development strategies	<ul style="list-style-type: none"> • Number of local actions groups • Total size of the LAG area (km2) • Total population in LAG area • Number of projects financed by LAGs • Number of beneficiaries supported 	<p>65</p> <p>200000</p> <p>7100000</p> <p>NA</p> <p>NA</p>	<p>81 (excl. N.IRL)</p> <p>82,060</p> <p>1,885,000 (all excl. ENG & N.IRL)</p> <p>NA</p>
421	Business creation and development	<ul style="list-style-type: none"> • Number of cooperation projects • Number of cooperating LAGs 	<p>NA</p> <p>NA</p>	<p>113</p> <p>49 (both excl. ENG & N.IRL)</p>
431	Running the local action group, acquiring skills and animating the territory	<ul style="list-style-type: none"> • Number of actions supported 	<p>NA</p>	<p>18 (excl. ENG, N.IRL & SCO)</p>

Key: NP = Measure not programmed, NA = figure not yet available

Additional Output indicators

Code	Measure	Output Indicators	Targets 2007 to 2013
111	Vocational training and information actions	Support contributing to competitiveness of the livestock sector (number of participants)	15,600
		Support to livestock sector contributing to enhancing on-farm management of nutrients (number of participants)	47,000
		Support contributing to animal health and welfare (number of participants)	19,000
121	Modernisation of agricultural holdings	Support contributing to competitiveness of the livestock sector (number of farm holdings)	230
		Support to livestock sector contributing to enhancing on-farm management of nutrients (number of farm holdings)	230
		Support contributing to animal health and welfare (number of farm holdings)	170
		Support for establishment of energy crops (hectares supported)	60,900
		Support for establishment of energy crops (holdings supported)	1,655
		Total volume of investment in energy crops (£m)	118
123	Adding value to agricultural and forestry products	Support contributing to competitiveness of the livestock sector (number of farm holdings)	350
124	Cooperation for development of new products, processes and technologies in the agriculture and food sector and the forestry sector	Support contributing to competitiveness of the livestock sector (number of farm holdings)	350
		Support to livestock sector contributing to enhancing on-farm management of nutrients (number of farm holdings)	115
		Support contributing to animal health and welfare (number of farm holdings.	115
227	Support for non-productive investments in forestry	Number of hectares of woodland subject to specific types of grant (e.g. woodland planning, regeneration and improvement grants)	150000
		Number of hectares of woodland subject to specific types of grant (e.g. woodland planning, regeneration and improvement grants) - improvement	120000
		Number of hectares of woodland supported by WIG for biodiversity	100000
		Number of hectares of woodland supported by WIG for access, recreational or educational benefits.	28000

Result indicators

Axis	Indicator	Targets 2007 to 2013
Axis 1	Number of participants that successfully ended a training activity related to agriculture and/or forestry	131,835 participants successfully complete the training or information activity. 124,080 participants have applied or expect to apply the acquired skills in practice
	Increase in agricultural gross value added in supported farms	Farm/ food/ forestry enterprises supported under the RDPE show an increase in GVA (as measured by growth in profitability) which is equal to or greater than in other farm/food/ forestry enterprises in England.
	Number of holdings introducing new products and/or new techniques	1,900 holdings or enterprises receiving support under the relevant measures introduced a new product and/or technique.

Measure	Indicator	Targets 2007 to 2013
212	Area under successful land management contributing to: avoidance of marginalisation and land abandonment (other categories NA for this measure)	0.08m ha
214	Areas under successful land management contributing to: <ul style="list-style-type: none"> - improvement of biodiversity - improvement of water quality - mitigating climate change - improvement of soil quality - avoidance of marginalisation and land abandonment 	<p style="text-align: right;">2m ha</p> <p style="text-align: right;">1.2m ha</p> <p style="text-align: center;">To be set following review of progress</p> <p style="text-align: right;">1.2m ha</p> <p style="text-align: right;">NA under this measure</p>

216	<p>Areas under successful land management contributing to:</p> <ul style="list-style-type: none"> - improvement of biodiversity - improvement of water quality - mitigating climate change - improvement of soil quality - avoidance of marginalisation and land abandonment 	<p style="text-align: right;">70%</p> <p style="text-align: right;">25%</p> <p style="text-align: center;">To be set following progress review</p> <p style="text-align: right;">25%</p> <p style="text-align: right;">NA</p>
221	<p>Areas (ha) under successful land management contributing to:</p> <ul style="list-style-type: none"> - improvement of biodiversity - improvement of water quality - mitigating climate change - improvement of soil quality - avoidance of marginalisation and land abandonment 	<p style="text-align: right;">18900</p> <p style="text-align: right;">18900</p> <p style="text-align: right;">18900</p> <p style="text-align: right;">18900</p> <p style="text-align: right;">0</p>
223	<p>Areas (ha) under successful land management contributing to:</p> <ul style="list-style-type: none"> - improvement of biodiversity - improvement of water quality - mitigating climate change - improvement of soil quality - avoidance of marginalisation and land abandonment 	<p style="text-align: right;">4305</p> <p style="text-align: right;">4305</p> <p style="text-align: right;">4305</p> <p style="text-align: right;">4305</p> <p style="text-align: right;">0</p>
225	<p>Areas (ha) under successful land management contributing to:</p> <ul style="list-style-type: none"> - improvement of biodiversity - improvement of water quality - mitigating climate change - improvement of soil quality - avoidance of marginalisation and land abandonment 	<p style="text-align: right;">95000</p> <p style="text-align: right;">100000</p> <p style="text-align: right;">100000</p> <p style="text-align: right;">100000</p> <p style="text-align: right;">0</p>
227	<p>Areas (ha) under successful land management contributing to:</p> <ul style="list-style-type: none"> - improvement of biodiversity - improvement of water quality - mitigating climate change - improvement of soil quality - avoidance of marginalisation and land abandonment 	<p style="text-align: right;">100000</p> <p style="text-align: right;">120000</p> <p style="text-align: right;">120000</p> <p style="text-align: right;">120000</p> <p style="text-align: right;">0</p>

Axis	Indicator	Targets 2007 to 2013
Axis 3	Increase in non-agricultural gross value added in supported businesses	To be developed
	Gross number of jobs created	25,000
	Additional number of tourists <ul style="list-style-type: none"> Number of overnight stays Number of day visitors 	350,000 510,000
	Population in rural areas benefiting from improved services	200,000
	Increase in internet penetration in rural areas	To be developed
	Number of participants that successfully ended a training activity	80% of participants have applied or expect to apply the acquired skills in practice
Axis 4		To be developed

Additional result indicators

Axis / Measure	Indicator	Targets 2007 to 2013
Axis 1	Area of woodland being managed under an approved management scheme	To be confirmed
	For establishment of energy crops, area under successful land management contributing to climate change (hectares)	54,810
212	Area of Natura 2000 designated sites supported	364,410 ha of SAC sites and 274,800 ha of SPA sites supported in 2007. 357,570 ha of SAC sites and 273,940 ha of SPA sites by 2009
	Area of HNV farmland supported	To be developed when interpretation of HNV farmland in England finalised.
	Area of agricultural land in supported area	0.08m ha

214	Area under successful land management contributing to improvement of landscape (encompassing the historic environment)	1.6m ha
	Educational access	1500 agreements providing educational access.
	Linear access	200 agreements providing new or upgraded linear access per annum
	Condition of Natura 2000 sites	95% in favourable condition
216	area under successful land management contributing to improvement of landscape (encompassing the historic environment)	50%
221	Area of new woodland created with open public access	1400 hectares
	Area of new woodland with public access in priority locations	1100hectares
223	Area of new woodland created with open public access	700 hectares
	Area of new woodland with public access in priority locations	650 hectares
227	Area in receipt of WIG payments which is also: Natura 2000 SSSI Native	9000 50000
	Area of ancient or native woodland in receipt of WIG payments	94000
	Production of renewable materials and energy as revealed by: Area for which coppicing, thinning or felling is approved. Area actually felled, and on which regeneration grants claimed.	Current estimate of target is 2000 ha approved for felling and 1500 ha actually felled.
Axis 3	Number of jobs created or sustained through activities supported under axis 3	Actual jobs created or sustained by supported businesses are at least 85% of the number of jobs predicted at the time of application.

Impact indicators

Axis	Type	Indicator	Targets 2007 to 2013
Axis 1	Economic growth	Net additional value added expressed in PPS	Businesses supported under the Rural Development Programme for England show a rate of growth in profitability, net of other factors, that is greater than the average for other similar businesses in England.
	Employment creation	Net additional Full Time Equivalent jobs created	No specific target set
	Labour productivity	Change in Gross Value Added per Full Time Equivalent (GVA / FTE)	Businesses supported under the Rural Development Programme for England show a rate of GVA/FTE, net of other factors that is greater than the average for other similar businesses in England.
	Contributing to combating climate change	Increase in production of renewable energy through establishment of energy crops	274,250 tonnes of oil equivalent per year of additional renewable energy through RDPE support.

Axis	Type	Indicator	Targets 2007 to 2013
Axis 2	Reversing biodiversity decline	Change in trend in biodiversity decline as measured by farmland bird species population	Decline in farmland bird populations reversed by 2020.
	Maintenance of high nature value farming and forestry areas	Maintenance of high nature value farmland	95% in favourable condition by 2010
		Maintenance of high nature value forestry: Area of new native woodland created	2,000 hectares per year
		Change in ecological condition of: Natura 2000 sites Woodland SSSIs Native woodland	95% of Natura 2000 and other SSSI sites in favourable conservation status by 2010. Target for native woodland to be confirmed later.

	Improvement in water quality	Changes in gross nutrient balance	Target cannot yet be set
		Contribution of new woodland to improving water quality: area of new woodland in priority catchments	Target to be set once priority catchments agreed
	Contribution to combating climate change	Estimate of annual sequestration of carbon in woodland established since 1990.	Target to be set once indicator finalised
		Proportion of new woodland contributing to habitat networks and adaptation to climate change	Target to be set once indicator finalised
		Total area of woodland open for public access, and the area in priority locations	Target and priority locations to be finalised

Axis	Type	Indicator	Targets 2007 to 2013
Axis 3	Economic growth	Net additional value added expressed in PPS	Businesses supported under the Rural Development Programme for England show a rate of growth in profitability, net of other factors, that is greater than the average for other similar businesses in England.
	Employment creation	Net additional Full Time Equivalent jobs created	No specific target set
	Labour productivity	Change in Gross Value Added per Full Time Equivalent (GVA / FTE)	Businesses supported under the Rural Development Programme for England show a rate of GVA/FTE, net of other factors that is greater than the average for other similar businesses in England.

Additional impact indicators for environmental objectives

Type	Indicator	Targets 2007 to 2013
Contribution to combating climate change	Net increase in carbon sequestration as a result of the area of woodland created under the programme	To be confirmed
Contribution to combating climate change and reversing biodiversity decline	Proportion of new woodland contributing to habitat networks and adaptation to climate change	Target to be set once indicator finalised
	Total area of woodland open for public access, and the area in priority locations	Target and priority locations to be finalised