

## READ ME - Appendix 4

### Description of the modalities of the variables

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## 1. Variable country\_NUTS0

Table 1 - List of modalities/possible values for the variable country\_NUTS0

MODALITY	DEFINITION
BE	Belgium
BG	Bulgaria
CZ	Czech Republic
DK	Denmark
DE	Germany
EE	Estonia
IE	Ireland
EL	Greece
ES	Spain
FR	France
HR	Croatia
IT	Italy
CY	Republic of Cyprus
LV	Latvia
LT	Lithuania
LU	Luxemburg
HU	Hungary
MT	Malta
NL	the Netherlands
AT	Austria
PL	Poland
PT	Portugal
RO	Romania
SI	Slovenia
SK	Slovakia
FI	Finland
SE	Sweden
UK	United Kingdom
CH	Switzerland

MODALITY DEFINITION

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RS Serbia

## 2. Variable region\_NUTS2

*Table 2 - List of modalities/possible values for the variable region\_NUTS2*

MODALITY	DEFINITION
BE10	Région de Bruxelles-Capitale/ Brussels Hoofdstedelijk Gewest
BE21	Prov. Antwerpen
BE22	Prov. Limburg (BE)
BE23	Prov. Oost-Vlaanderen
BE24	Prov. Vlaams-Brabant
BE25	Prov. West-Vlaanderen
BE31	Prov. Brabant Wallon
BE32	Prov. Hainaut
BE33	Prov. Liège
BE34	Prov. Luxembourg (BE)
BE35	Prov. Namur
BEXX	Other
BG31	Northwestern
BG32	North Central
BG33	North East
BG34	South East
BG41	Southwest
BG42	South Central
BGXX	Other
CZ01	Prague
CZ02	Central Bohemia
CZ03	Southwest
CZ04	Northwest
CZ05	Northeast
CZ06	Southeast
CZ07	Central Moravia

MODALITY	DEFINITION
CZ08	Moravia-Silesia
CZXX	Other
DK01	Hovedstaden
DK02	Zealand
DK03	Syddanmark
DK04	Central Jutland
DK05	North Jutland
DKXX	Other
DE11	Stuttgart
DE12	Karlsruhe
DE13	Freiburg
DE14	Tübingen
DE21	Upper Bavaria
DE22	Lower Bavaria
DE23	Upper Palatinate
DE24	Upper Franconia
DE25	Middle Franconia
DE26	Lower Franconia
DE27	Swabia
DE30	Berlin
DE40	Brandenburg
DE50	Bremen
DE60	Hamburg
DE71	Darmstadt
DE72	Giessen
DE73	Kassel
DE80	Mecklenburg-Western Pomerania
DE91	Brunswick
DE92	Hanover
DE93	Lüneburg
DE94	Weser-Ems

MODALITY	DEFINITION
DEA1	Düsseldorf
DEA2	Cologne
DEA3	Münster
DEA4	Detmold
DEA5	Arnsberg
DEB1	Koblenz
DEB2	Trier
DEB3	Rhineland-Palatinate
DEC0	Saarland
DED2	Dresden
DED4	Chemnitz
DED5	Leipzig
DEE0	Saxony-Anhalt
DEF0	Schleswig-Holstein
DEG0	Thuringia
DEXX	Other
EE00	Eesti
EEXX	Other
IE04	Northern and Western
IE05	Southern
IE06	Eastern and Midland
IEXX	Other
EL30	Attica
EL41	North Aegean Sea
EL42	South Aegean
EL43	Crete
EL51	Eastern Macedonia, Thrace
EL52	Central Macedonia
EL53	Western Macedonia
EL54	Epirus
EL61	Thessaly

MODALITY	DEFINITION
EL62	Ionian Islands
EL63	Western Greece
EL64	Central Greece
EL65	Peloponnese
ELXX	Other
ES11	Galicia
ES12	Principality of Asturias
ES13	Cantabria
ES21	Basque Country
ES22	Foral Community of Navarre
ES23	La Rioja
ES24	Aragon
ES30	Community of Madrid
ES41	Castile and Leon
ES42	Castilla-La Mancha
ES43	Extremadura
ES51	Catalonia
ES52	Valencian Community
ES53	Balearic Islands
ES61	Andalusia
ES62	Region of Murcia
ES63	City of Ceuta
ES64	City of Melilla
ES70	Canary Islands
ESXX	Other
FR10	Ile-de-France
FRB0	Centre - Loire Valley
FRC1	Burgundy
FRC2	Franche-Comté
FRD1	Basse-Normandie
FRD2	Haute-Normandie

MODALITY	DEFINITION
FRE1	Nord-Pas de Calais
FRE2	Picardie
FRF1	Alsace
FRF2	Champagne-Ardenne
FRF3	Lorraine
FRG0	Pays de la Loire
FRH0	Bretagne
FRI1	Aquitaine
FRI2	Limousin
FRI3	Poitou-Charentes
FRJ1	Languedoc-Roussillon
FRJ2	Midi-Pyrénées
FRK1	Auvergne
FRK2	Rhône-Alpes
FRL0	Provence-Alpes-Côte d'Azur
FRM0	Corsica
FRY1	Guadeloupe
FRY2	Martinique
FRY3	Guyana
FRY4	Reunion Island
FRY5	Mayotte
FRPOM	Polynésie française
FRXX	Other
HR02	Panonska Hrvatska
HR03	Jadranska Hrvatska
HR05	Grad Zagreb
HR06	Sjeverna Hrvatska
HRXX	Other
ITC1	Piedmont
ITC2	Valle d'Aosta/Vallée d'Aoste
ITC3	Liguria

MODALITY	DEFINITION
ITC4	Lombardy
ITF1	Abruzzo
ITF2	Molise
ITF3	Campania
ITF4	Apulia
ITF5	Basilicata
ITF6	Calabria
ITG1	Sicily
ITG2	Sardinia
ITH1	Autonomous Province of Bolzano/Bozen
ITH2	Autonomous Province of Trento
ITH3	Veneto
ITH4	Friuli-Venezia Giulia
ITH5	Emilia-Romagna
ITI1	Tuscany
ITI2	Umbria
ITI3	Marche
ITI4	Latium
ITXX	Other
CY00	Cyprus
CYXX	Other
LV00	Latvia
LVXX	Other
LT01	Capital Region
LT02	Central and Western Lithuania region
LTXX	Other
LU00	Luxembourg
LUXX	Other
HU11	Budapest
HU12	Pest
HU21	Central Transdanubia



MODALITY	DEFINITION
HU22	Western Transdanubia
HU23	South Transdanubia
HU31	North Hungary
HU32	Northern Great Plain
HU33	Southern Great Plain
HUXX	Other
MT00	Malta
MTXX	Other
NL11	Groningen
NL12	Friesland (NL)
NL13	Drenthe
NL21	Overijssel
NL22	Gelderland
NL23	Flevoland
NL31	Utrecht
NL32	North Holland
NL33	South Holland
NL34	Zeeland
NL41	North Brabant
NL42	Limburg (NL)
NLXX	Other
AT11	Burgenland
AT12	Lower Austria
AT13	Vienna
AT21	Carinthia
AT22	Styria
AT31	Upper Austria
AT32	Salzburg
AT33	Tyrol
AT34	Vorarlberg
ATXX	Other

MODALITY	DEFINITION
PL21	Małopolskie
PL22	Silesia
PL41	Wielkopolskie
PL42	Zachodniopomorskie
PL43	Lubuskie
PL51	Lower Silesia
PL52	Opolskie
PL61	Kujawsko-pomorskie
PL62	Warmińsko-mazurskie
PL63	Pomeranian
PL71	Łódzkie
PL72	Świętokrzyskie
PL81	Lubelskie
PL82	Podkarpackie
PL84	Podlaskie
PL91	Warsaw metropolitan
PL92	Mazovia regional
PLXX	Other
PT11	North
PT15	Algarve
PT16	Centre (PT)
PT17	Lisbon Metropolitan Area
PT18	Alentejo
PT20	Autonomous Region of Azores
PT30	Autonomous region of Madeira
PTXX	Other
RO11	North West
RO12	Centru
RO21	North-East
RO22	South-East
RO31	South-Muntenia

MODALITY	DEFINITION
R032	Bucharest-Ilfov
R041	South-West Oltenia
R042	West
ROXX	Other
SI03	Vzhodna Slovenija
SI04	Zahodna Slovenija
SIXX	Other
SK01	Bratislava region
SK02	Western Slovakia
SK03	Central Slovakia
SK04	Eastern Slovakia
SKXX	Other
FI19	Western Finland
FI1B	Helsinki-Uusimaa
FI1C	Southern Finland
FI1D	Northern and Eastern Finland
FI20	Åland
FIXX	Other
SE11	Stockholm
SE12	East Central Sweden
SE21	Småland with islands
SE22	Southern Sweden
SE23	West Sweden
SE31	North Central Sweden
SE32	Central Norrland
SE33	Upper Norrland
SEXX	Other
UKC1	Tees Valley and Durham
UKC2	Northumberland and Tyne and Wear
UKD1	Cumbria
UKD3	Greater Manchester

MODALITY	DEFINITION
UKD4	Lancashire
UKD6	Cheshire
UKD7	Merseyside
UKE1	East Yorkshire and Northern Lincolnshire
UKE2	North Yorkshire
UKE3	South Yorkshire
UKE4	West Yorkshire
UKF1	Derbyshire and Nottinghamshire
UKF2	Leicestershire, Rutland and Northamptonshire
UKF3	Lincolnshire
UKG1	Herefordshire, Worcestershire and Warwickshire
UKG2	Shropshire and Staffordshire
UKG3	West Midlands
UKH1	East Anglia
UKH2	Bedfordshire and Hertfordshire
UKH3	Essex
UKI3	Inner London — West
UKI4	Inner London — East
UKI5	Outer London — East and North East
UKI6	Outer London — South
UKI7	Outer London — West and North West
UKJ1	Berkshire, Buckinghamshire and Oxfordshire
UKJ2	Surrey, East and West Sussex
UKJ3	Hampshire and Isle of Wight
UKJ4	Kent
UKK1	Gloucestershire, Wiltshire and Bristol/Bath area
UKK2	Dorset and Somerset
UKK3	Cornwall and Isles of Scilly
UKK4	Devon
UKL1	West Wales and The Valleys
UKL2	East Wales

MODALITY	DEFINITION
UKM5	North Eastern Scotland
UKM6	Highlands and Islands
UKM7	Eastern Scotland
UKM8	West Central Scotland
UKM9	Southern Scotland
UKN0	Northern Ireland
UKXX	Other
CH01	Région lémanique
CH02	Espace Mittelland
CH03	Northwestern Switzerland
CH04	Zurich
CH05	Eastern Switzerland
CH06	Central Switzerland
CH07	Ticino

### 3. Variable scale

*Table 3 - List of modalities/possible values for the variable scale*

MODALITY	DEFINITION
field	Field level
farm	Farm level
food_system	Food system level
unknown	I don't know

### 4. Variable actors

*Table 4 - List of modalities/possible values for the variable actors*

MODALITY	DEFINITION
farmers	Farmers
suppliers	Suppliers (farm's inputs suppliers, services providers, ...)

MODALITY	DEFINITION
wholesalers_distributors	Wholesalers and distributors (businesses buying food/agricultural products in large quantities from producers/businesses and selling them to other businesses)
retailers	Retailers (grocery stores, local shops, ...) and catering services (restaurants, ...)
consumers	Consumers and citizens
processors	Processors (businesses or farms transforming agricultural products into processed food products)
researchers	Researchers
advisors	Advisors and technical experts (public or private advisory services, external experts, ...)
education	Education professionals (schools, universities, training centres, ...)
land_managers	Land managers (land owners, natural reserves, ...)
certification	Certification bodies
policy_makers	Policy makers
authorities	Public authorities (bodies or officers administering aspects of public life and executing the law)
civil_society	Civil society organisations (NGOs, citizen's or professional associations, trade unions, ...)
farmers_associations	Farmers' associations
other	Other
unknown	I don't know

## 5. Variables starting with “influence\_”

Table 5 - List of modalities/possible values for the variable starting with 'influence\_'

MODALITY	DEFINITION
negative	Has a negative influence
possibly_negative	May have a negative influence
neutral	Has no influence
possibly_positive	May have a positive influence
positive	Has a positive influence

MODALITY	DEFINITION
unknown	I don't know

## 6. Variable governance\_formality

*Table 6 - List of modalities/possible values for the variable governance\_formality*

MODALITY	DEFINITION
formal	Using formal rules and processes
informal	Using informal rules and processes
unknown	I don't know

## 7. Variable farms\_outputs

*Table 7 - List of modalities/possible values for the variable farms\_outputs*

MODALITY	DEFINITION
cereals	Cereals (wheat, spelt, rye, meslin, barley, oats, maize, rice, ...)
industrial	Industrial crops (oil seeds, oleaginous fruits, protein crops, raw tobacco, sugar beet, ...)
forage	Forage plants
vegetables	Vegetables and horticultural products
potatoes	Potatoes
fruits	Fruits
wine	Wine
oil	Olive oil
other_crops	Other crops
cattle	Cattle
pigs	Pigs
equine	Equine
ovine	Sheep and goats
poultry	Poultry
other_animals	Other animals
milk	Milk
eggs	Eggs

MODALITY	DEFINITION
other_animal_products	Other animal products
na	Not applicable to the initiative
unknown	I don't know

## 8. Variable inputs\_dependence

*Table 8 - List of modalities/possible values for the variable inputs\_dependence*

MODALITY	DEFINITION
seed	Seed
feed	Feed
energy	Energy
fertilizer	Fertilizer
PPP	Plant protection products
veterinary	Veterinary products
material	Material and infrastructure
none	None of them
na	Not applicable to the initiative
other	Other
unknown	I don't know

## 9. Variables dist\_cities and dist\_markets

*Table 9 - List of modalities/possible values for the variables dist\_cities and dist\_markets*

MODALITY	DEFINITION
close	The initiative is close enough
remote	The initiative is too remote
unknown	I don't know



## 10. Variable certification

*Table 10 - List of modalities/possible values for the variable certification*

MODALITY	DEFINITION
yes	Yes
no	No
na	Not applicable to the initiative
unknown	I don't know

## 11. Variable market\_channels

*Table 11 - List of modalities/possible values for the variable market\_channels*

MODALITY	DEFINITION
direct	Direct sale to consumers (on-farm sale or catering, farmers' markets, home delivery, relay point, food buying groups...)
short	Sale through short supply chains (direct sale to a retailer such as another producer or cooperative, shop, supermarket, catering service, online shop...)
long	Sale through long supply chains (direct sale to a wholesaler or agrifood company)
na	Not applicable to the initiative
unknown	I don't know

## 12. Variable funding

*Table 12 - List of modalities/possible values for the variable funding*

MODALITY	DEFINITION
own	Own fund
public	Public fund
donation	Donation
alternative	Alternative fund-raising
loan	Loan from a financial institution
subsidies	Subsidies
other	Other
na	Not applicable to the initiative

MODALITY DEFINITION

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unknown I don't know

### 13. Variable work\_force

*Table 13 - List of modalities/possible values for the variable work\_force*

MODALITY DEFINITION

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lack There is a lack of workers

sufficiency There are enough workers

na Not applicable to the initiative

unknown I don't know

### 14. Variable customers\_income

*Table 14 - List of modalities/possible values for the variable customers\_income*

MODALITY DEFINITION

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low Low income level

middle Middle income level

high High income level

na Not applicable to the initiative

unknown I don't know

### 15. Variable source\_income

*Table 15 - List of modalities/possible values for the variable source\_income*

MODALITY DEFINITION

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agri\_production Agricultural production

agritourism Agri-tourism (accommodation, catering, leisure activities,...)

handicraft Handicraft

food\_processing Processing of food products

non\_food\_processing Processing of non-food products

energy Energy production

contract\_work Contractual work

MODALITY	DEFINITION
none	None
na	Not applicable to the initiative
other	Other
unknown	I don't know

## 16. Variable women

*Table 16 - List of modalities/possible values for the variable women*

MODALITY	DEFINITION
minority	There is a minority of women
equal	There is an equal share of men and women
majority	There is a majority of women
na	Not applicable to the initiative
unknown	I don't know

## 17. Variable resources\_ownership

*Table 17 - List of modalities/possible values for the variable resources\_ownership*

MODALITY	DEFINITION
private	Private individuals
common	Communities
public	Public authorities
no_ownership	No ownership
na	Not applicable to the initiative
unknown	I don't know

## 18. Variable subsidies

*Table 18 - List of modalities/possible values for the variable subsidies*

MODALITY	DEFINITION
direct_basic	Basic payment per hectare
direct_greening	Support to offset the cost of providing environmental public goods that are not remunerated by the market

MODALITY	DEFINITION
direct_young	Payment for young farmers
direct_redistributive	Support for the first hectares of farmland
direct_natural_constraints	Support in areas with natural constraints
direct_coupled	Coupled support for production, granted in respect of certain areas or types of farming for economic and/or social reasons
direct_small_farmers	Payment for small farmers
rural_farms_dev	Aids for the development of farms and businesses
rural_organic	Subsidies for organic farming
rural_natura_water	Payments linked to Natura 2000 and the Water Framework Directive
rural_animal_welfare	Animal welfare payments
rural_forest	Payments for forest, environmental and climate services and forest conservation
rural_AECM	Payments linked to agri-environmental-climate measures (AECM)
other	Other
na	Not applicable to the initiative
unknown	I don't know

## 19. Variable farmers\_education

*Table 19 - List of modalities/possible values for the variable farmers\_education*

MODALITY	DEFINITION
low	From no schooling to lower secondary education
middle	From upper secondary to post-secondary non-tertiary* education
high	From short-cycle tertiary* education to doctorate
na	Not applicable to the initiative
unknown	I don't know

## 20. Variables starting with “evolution\_”

Table 20 - List of modalities/possible values for the variable starting with ‘evolution\_’

MODALITY	DEFINITION
decrease	Decreased
possible_decrease	May have decreased
unchanged	Stayed the same
possible_increase	May have increased
increase	Increased
unknown	I don’t know