

D-JRP15-FED-AMR-WP2.1

Sample Identifiers by Country

**Version 1
May/2020**



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A. Description

A unique identifier by compartment and time point is given to all samples collected in the frame of the FED-AMR project, thus ensuring a correct traceability of all samples from their collection until their processing and analysis at the laboratory.

B. Sample identifiers by country and compartment

Austria HOAL

Compartment	Sample Reference	Description	Type of crop	Scheduled Month
Compartment 2 (pig manure)	AT20-M1	Austria, manure, spring	Liquid manure	Apr 20
	AT20-M2	Austria, manure, summer	Liquid manure	Jul 20
	AT20-M3	Austria, manure, autumn	Liquid manure	Oct 20
	AT21-M4	Austria, manure, winter	Liquid manure	Jan 21

Compartment 3 (soil)	AT20-S1-C1	Austria, Baseline soil, crop 1	Corn with Manure	Mar 20
	AT20-S2-C1	Austria, soil +1d, crop 1	Corn with Manure	Apr 20
	AT20-S3-C1	Austria, soil 1w, crop 1	Corn with Manure	Apr 20
	AT20-S4-C1	Austria, soil 6w, crop 1	Corn with Manure	May 20
	AT20-S5-C1	Austria, soil 18w, crop 1	Corn with Manure	Aug 20
	AT20-S6-C1	Austria, soil just before harvest, crop 1	Corn with Manure	Sep 20
	AT20-S7-C1	Austria, soil after harvest, crop 1	Corn with Manure	Oct 20
	AT20-S1-C2	Austria, Baseline soil, crop 2	Corn with Artificial Fertilizer	Mar 20
	AT20-S2-C2	Austria, soil +1d, crop 2	Corn with Artificial Fertilizer	Apr 20
	AT20-S3-C2	Austria, soil 1w, crop 2	Corn with Artificial Fertilizer	Apr 20
	AT20-S4-C2	Austria, soil 6w, crop 2	Corn with Artificial Fertilizer	May 20
	AT20-S5-C2	Austria, soil 18w, crop 2	Corn with Artificial Fertilizer	Aug 20
	AT20-S6-C2	Austria, soil just before harvest, crop 2	Corn with Artificial Fertilizer	Sep 20
	AT20-S7-C2	Austria, soil after harvest, crop 2	Corn with Artificial Fertilizer	Oct 20
	AT20-S1-C3	Austria, Baseline soil, crop 3	Corn (2) with Manure	Mar 20
	AT20-S2-C3	Austria, soil +1d, crop 3	Corn (2) with Manure	Apr 20
	AT20-S3-C3	Austria, soil 1w, crop 3	Corn (2) with Manure	Apr 20
	AT20-S4-C3	Austria, soil 6w, crop 3	Corn (2) with Manure	May 20
	AT20-S5-C3	Austria, soil 18w, crop 3	Corn (2) with Manure	Aug 20
	AT20-S6-C3	Austria, soil just before harvest, crop 3	Corn (2) with Manure	Sep 20
	AT20-S7-C3	Austria, soil after harvest, crop 3	Corn (2) with Manure	Oct 20
	AT20-S1-C4	Austria, Baseline soil, crop 4	Wheat with Artificial Fertilizer	Mar 20
	AT20-S2-C4	Austria, soil +1d, crop 4	Wheat with Artificial Fertilizer	Apr 20
	AT20-S3-C4	Austria, soil 1w, crop 4	Wheat with Artificial Fertilizer	Apr 20
	AT20-S4-C4	Austria, soil 6w, crop 4	Wheat with Artificial Fertilizer	May 20
	AT20-S5-C4	Austria, soil 18w, crop 4	Wheat with Artificial Fertilizer	not possible
	AT20-S6-C4	Austria, soil just before harvest, crop 4	Wheat with Artificial Fertilizer	Jul 20
	AT20-S7-C4	Austria, soil after harvest, crop 4	Wheat with Artificial Fertilizer	Aug 20
	AT20-Fs1	Austria, baseline soil, forest	Control	Mar 20
	AT20-Fs2	Austria, soil S4, forest	Control	May 20
	AT20-Fs3	Austria, soil S5, forest	Control	Aug 20
	AT20-Fs4	Austria, soil S7, forest	Control	Oct 20
AT20-Ms1	Austria, meadow, baseline	Control	Mar 20	
AT20-Ms2	Austria, soil S4, meadow	Control	May 20	
AT20-Ms3	Austria, soil S5, meadow	Control	Aug 20	
AT20-Ms4	Austria, soil S7, meadow	Control	Oct 20	

Compartment 4 (crops)	AT20-Cs-C1	Austria, crop just before harvest, crop type 1	Corn with Manure	Sep 20
	AT20-Cs-C2	Austria, crop just before harvest, crop type 2	Corn with Artificial Fertilizer	Sep 20
	AT20-Cs-C3	Austria, crop just before harvest, crop type 3	Corn with Manure	Sep 20
	AT20-Cs-C4	Austria, crop just before harvest, crop type 4	Wheat with Artificial Fertilizer	Jul 20
Compartment 5 (drainage water)	AT20-D1	Austria, field drainage, spring		Apr 20
	AT20-D2	Austria, field drainage, summer		Jul 20
	AT20-D3	Austria, field drainage, autumn		Oct 20
	AT20-D4	Austria, field drainage, winter		Jan 21
Compartment 6 (river water)	AT20-R1	Austria, river/surface water, spring		Apr 20
	AT20-R2	Austria, river/surface water, summer		Jul 20
	AT20-R3	Austria, river/surface water, autumn		Oct 20
	AT20-R4	Austria, river/surface water, winter		Jan 21
Compartment 7 (ground/superficial water)	AT20-G1	Austria, groundwater, spring		Apr 20
	AT20-G2	Austria, groundwater, summer		Jul 20
	AT20-G3	Austria, groundwater, autumn		Oct 20
	AT20-G4	Austria, groundwater, winter		Jan 21
Compartment 8 (feed)	AT20-Fe1	Austria, feed, sample 1		Anytime within one year
	AT20-Fe2	Austria, feed, sample 2		Anytime within one year
	AT20-Fe3	Austria, feed, sample 3		Anytime within one year
Compartment 10 (wastewater)	AT20-WTP-I1	Austria, WTP influent, spring		Apr 20
	AT20-WTP-I2	Austria, WTP influent, summer		Jul 20
	AT20-WTP-I3	Austria, WTP influent, autumn		Oct 20
	AT20-WTP-I4	Austria, WTP influent, winter		Jan 21
	AT20-WTP-E1	Austria, WTP effluent, spring		Apr 20
	AT20-WTP-E2	Austria, WTP effluent, summer		Jul 20
	AT20-WTP-E3	Austria, WTP effluent, autumn		Oct 20
	AT20-WTP-E4	Austria, WTP effluent, winter		Jan 21
Compartment 11 (wild animals)	AT20-Ww1	Austria, wild animals, sample 1		Anytime within one year
	AT20-Ww2	Austria, wild animals, sample 2		Anytime within one year
	AT20-Ww3	Austria, wild animals, sample 3		Anytime within one year
	AT20-Ww4	Austria, wild animals, sample 4		Anytime within one year
	AT20-Ww5	Austria, wild animals, sample 5		Anytime within one year
	AT20-Ww6	Austria, wild animals, sample 6		Anytime within one year
	AT20-Ww7	Austria, wild animals, sample 7		Anytime within one year
	AT20-Ww8	Austria, wild animals, sample 8		Anytime within one year
	AT20-Ww9	Austria, wild animals, sample 9		Anytime within one year
	AT20-Ww10	Austria, wild animals, sample 10		Anytime within one year

Czech Republic HOAL

Compartment	Sample Reference	Description	Type of crop	Scheduled Month
Compartment 1 (pig feces)	CZ20-P1	Czech Republic, pig barn, spring		May 20
	CZ20-P2	Czech Republic, pig barn, summer		Aug 20
	CZ20-P3	Czech Republic, pig barn, autumn		Oct 20
	CZ20-P4	Czech Republic, pig barn, winter		Dec 20

Compartment 2 (pig manure)	CZ20-M1	Czech Republic, manure, spring		Apr 20
	CZ20-M2	Czech Republic, manure, summer		Aug 20
	CZ20-M3	Czech Republic, manure, autumn		Oct 20
	CZ20-M4	Czech Republic, manure, winter		Dec 20

Compartment 3 (soil)	CZ20-S1-C1	Czech Republic, Baseline soil, crop 1	Wheat with manure	Apr 20
	CZ20-S2-C1	Czech Republic, soil +1d, crop 1	Wheat with manure	Apr 20
	CZ20-S3-C1	Czech Republic, soil 1w, crop 1	Wheat with manure	Apr 20
	CZ20-S4-C1	Czech Republic, soil 6w, crop 1	Wheat with manure	Jun 20
	CZ20-S5-C1	Czech Republic, soil 18w, crop 1	Wheat with manure	Aug 20
	CZ20-S6-C1	Czech Republic, soil just before harvest, crop 1	Wheat with manure	Aug 20
	CZ20-S7-C1	Czech Republic, soil after harvest, crop 1	Wheat with manure	Aug 20
	CZ20-S1-C2	Czech Republic, Baseline soil, crop 2	Wheat with artificial fertilizer	Apr 20
	CZ20-S2-C2	Czech Republic, soil +1d, crop 2	Wheat with artificial fertilizer	Apr 20
	CZ20-S3-C2	Czech Republic, soil 1w, crop 2	Wheat with artificial fertilizer	Apr 20
	CZ20-S4-C2	Czech Republic, soil 6w, crop 2	Wheat with artificial fertilizer	Jun 20
	CZ20-S5-C2	Czech Republic, soil 18w, crop 2	Wheat with artificial fertilizer	Aug 20
	CZ20-S6-C2	Czech Republic, soil just before harvest, crop 2	Wheat with artificial fertilizer	Aug 20
	CZ20-S7-C2	Czech Republic, soil after harvest, crop 2	Wheat with artificial fertilizer	Aug 20
	CZ20-S1-C3	Czech Republic, Baseline soil, crop 3	Wheat with manure	Apr 20
	CZ20-S2-C3	Czech Republic, soil +1d, crop 3	Wheat with manure	Apr 20
	CZ20-S3-C3	Czech Republic, soil 1w, crop 3	Wheat with manure	Apr 20
	CZ20-S4-C3	Czech Republic, soil 6w, crop 3	Wheat with manure	Jun 20
	CZ20-S5-C3	Czech Republic, soil 18w, crop 3	Wheat with manure	Aug 20
	CZ20-S6-C3	Czech Republic, soil just before harvest, crop 3	Wheat with manure	Aug 20
	CZ20-S7-C3	Czech Republic, soil after harvest, crop 3	Wheat with manure	Aug 20
	CZ20-S1-C4	Czech Republic, Baseline soil, crop 4	Oilseed rape with artificial fertilizer	Apr 20
	CZ20-S2-C4	Czech Republic, soil +1d, crop 4	Oilseed rape with artificial fertilizer	Apr 20
	CZ20-S3-C4	Czech Republic, soil 1w, crop 4	Oilseed rape with artificial fertilizer	Apr 20
	CZ20-S4-C4	Czech Republic, soil 6w, crop 4	Oilseed rape with artificial fertilizer	Jun 20
	CZ20-S5-C4	Czech Republic, soil 18w, crop 4	Oilseed rape with artificial fertilizer	Aug 20
	CZ20-S6-C4	Czech Republic, soil just before harvest, crop 4	Oilseed rape with artificial fertilizer	Aug 20
	CZ20-S7-C4	Czech Republic, soil after harvest, crop 4	Oilseed rape with artificial fertilizer	Aug 20
	CZ20-Fs1	Czech Republic, baseline soil, forest	Control	Apr 20
	CZ20-Fs2	Czech Republic, soil S4, forest	Control	Jun 20
	CZ20-Fs3	Czech Republic, soil S5, forest	Control	Aug 20
	CZ20-Fs4	Czech Republic, soil S7, forest	Control	Aug 20
CZ20-Ms1	Czech Republic, meadow, baseline	Control	Apr 20	
CZ20-Ms2	Czech Republic, soil S4, meadow	Control	Jun 20	
CZ20-Ms3	Czech Republic, soil S5, meadow	Control	Aug 20	
CZ20-Ms4	Czech Republic, soil S7, meadow	Control	Aug 20	



Compartment 4 (crops)	CZ20-Cs3-C1	Czech Republic, crop just before harvest, crop type 1	Oilseed rape with Manure	Aug 20
	CZ20-Cs3-C2	Czech Republic, crop just before harvest, crop type 2	Oilseed rape with Artificial Fertilizer	Aug 20
	CZ20-Cs3-C3	Czech Republic, crop just before harvest, crop type 3	Wheat with Manure	Aug 20
	CZ20-Cs3-C4	Czech Republic, crop just before harvest, crop type 4	Wheat with Artificial Fertilizer	Aug 20
Compartment 6 (river water)	CZ20-R1	Czech Republic, river/surface water, spring		Apr 20
	CZ20-R2	Czech Republic, river/surface water, summer		Aug 20
	CZ20-R3	Czech Republic, river/surface water, autumn		Oct 20
	CZ20-R4	Czech Republic, river/surface water, winter		Dec 20
Compartment 7 (ground/superficial water)	CZ20-G1	Czech Republic, groundwater, spring		Apr 20
	CZ20-G2	Czech Republic, groundwater, summer		Aug 20
	CZ20-G3	Czech Republic, groundwater, autumn		Oct 20
	CZ20-G4	Czech Republic, groundwater, winter		Dec 20
Compartment 8 (feed)	CZ20-Fe1	Czech Republic, feed, sample 1		Anytime within one year
	CZ20-Fe2	Czech Republic, feed, sample 2		
	CZ20-Fe3	Czech Republic, feed, sample 3		

Estonia HOAL

Compartment	Sample Reference	Description	Type of crop	Scheduled Month
Compartment 1 (pig feces)	EE20-P1	Estonia, pig barn, summer		Aug 20
	EE20-P2	Estonia, pig barn, autumn		Oct 20
	EE21-P3	Estonia, pig barn, winter		Feb 21
	EE21-P4	Estonia, pig barn, spring		Apr 21

Compartment 2 (pig manure)	EE20-M1	Estonia, manure, spring	Liquid manure	May 20
	EE20-M2	Estonia, manure, summer	Liquid manure	Jun 20
	EE20-M3	Estonia, manure, autumn	Liquid manure	Oct 20
	EE21-M4	Estonia, manure, winter	Liquid manure	Jan 21

Compartment 3 (soil)	EE20-S1-C1	Estonia, Baseline soil, crop 1	Wheat with Manure	May 20
	EE20-S2-C1	Estonia, soil +1d, crop 1	Wheat with Manure	May 20
	EE20-S3-C1	Estonia, soil 1w, crop 1	Wheat with Manure	May 20
	EE20-S4-C1	Estonia, soil 6w, crop 1	Wheat with Manure	Jun 20
	EE21-S5-C1	Estonia, soil 18w, crop 1	Wheat with Manure	Sep 20
	EE21-S6-C1	Estonia, soil just before harvest, crop 1	Wheat with Manure	Sep 20
	EE21-S7-C1	Estonia, soil after harvest, crop 1	Wheat with Manure	Oct 20
	EE20-S1-C2	Estonia, Baseline soil, crop 2	Wheat with Artificial Fertilizer	May 20
	EE20-S2-C2	Estonia, soil +1d, crop 2	Wheat with Artificial Fertilizer	May 20
	EE20-S3-C2	Estonia, soil 1w, crop 2	Wheat with Artificial Fertilizer	May 20
	EE20-S4-C2	Estonia, soil 6w, crop 2	Wheat with Artificial Fertilizer	Jun 20
	EE21-S5-C2	Estonia, soil 18w, crop 2	Wheat with Artificial Fertilizer	Sep 20
	EE21-S6-C2	Estonia, soil just before harvest, crop 2	Wheat with Artificial Fertilizer	Sep 20
	EE21-S7-C2	Estonia, soil after harvest, crop 2	Wheat with Artificial Fertilizer	Oct 20
	EE20-S1-C3	Estonia, Baseline soil, crop 3	Wheat with Manure	May 20
	EE20-S2-C3	Estonia, soil +1d, crop 3	Wheat with Manure	May 20
	EE20-S3-C3	Estonia, soil 1w, crop 3	Wheat with Manure	May 20
	EE20-S4-C3	Estonia, soil 6w, crop 3	Wheat with Manure	Jun 20
	EE21-S5-C3	Estonia, soil 18w, crop 3	Wheat with Manure	Sep 20
	EE21-S6-C3	Estonia, soil just before harvest, crop 3	Wheat with Manure	Sep 20
	EE21-S7-C3	Estonia, soil after harvest, crop 3	Wheat with Manure	Oct 20
	EE20-S1-C4	Estonia, Baseline soil, crop 4	Wheat with Artificial Fertilizer	May 20
	EE20-S2-C4	Estonia, soil +1d, crop 4	Wheat with Artificial Fertilizer	May 20
	EE20-S3-C4	Estonia, soil 1w, crop 4	Wheat with Artificial Fertilizer	May 20
	EE20-S4-C4	Estonia, soil 6w, crop 4	Wheat with Artificial Fertilizer	Jun 20
	EE21-S5-C4	Estonia, soil 18w, crop 4	Wheat with Artificial Fertilizer	Sep 20
	EE21-S6-C4	Estonia, soil just before harvest, crop 4	Wheat with Artificial Fertilizer	Sep 20
	EE21-S7-C4	Estonia, soil after harvest, crop 4	Wheat with Artificial Fertilizer	Oct 20
	EE20-Fs1	Estonia, baseline soil, forest	Control	May 20
	EE20-Fs2	Estonia, soil S4, forest	Control	Jun 20
	EE21-Fs3	Estonia, soil S5, forest	Control	Aug 20
	EE21-Fs4	Estonia, soil S7, forest	Control	Oct 20
EE20-Ms1	Estonia, meadow, baseline	Control	May 20	
EE20-Ms2	Estonia, soil S4, meadow	Control	Jun 20	
EE21-Ms3	Estonia, soil S5, meadow	Control	Aug 20	
EE21-Ms4	Estonia, soil S7, meadow	Control	Oct 20	

Compartment 4 (crops)	EE20-Cs-C1	Estonia, crop just before harvest, crop type 1		Sep 20
	EE20-Cs-C2	Estonia, crop just before harvest, crop type 2		Sep 20
	EE20-Cs-C3	Estonia, crop just before harvest, crop type 3		Sep 20
	EE20-Cs-C4	Estonia, crop just before harvest, crop type 4		Sep 20

Compartment 5 (drainage water)	EE20-D1	Estonia, field drainage		May 20
	EE20-D2	Estonia, field drainage		Aug 20
	EE21-D3	Estonia, field drainage		Jan 21
	EE21-D4	Estonia, field drainage		Mar 21

Compartment 6 (river water)	EE20-R1	Estonia, river/surface water		May 20
	EE20-R2	Estonia, river/surface water		Aug 20
	EE21-R3	Estonia, river/surface water		Jan 21
	EE21-R4	Estonia, river/surface water		Mar 21

Compartment 7 (ground/superficial water)	EE20-R1	Estonia, groundwater		May 20
	EE20-R2	Estonia, groundwater		Aug 20
	EE21-R3	Estonia, groundwater		Jan 21
	EE21-R4	Estonia, groundwater		Mar 21

Compartment 8 (feed)	EE20-Fe1	Estonia, feed, sample 1		Anytime within one year
	EE20-Fe2	Estonia, feed, sample 2		
	EE20-Fe3	Estonia, feed, sample 3		

Compartment 9 (farmers)	EE20-F1-Fa1	Estonia, farmers, faeces 1		Aug 20
	EE20-F2-Fa2	Estonia, farmers, faeces 2		Feb 21

Compartment 10 (wastewater)	EE20-WTP-I1	Estonia, WTP influent		May 20
	EE20-WTP-I2	Estonia, WTP influent		Aug 20
	EE21-WTP-I3	Estonia, WTP influent		Jan 21
	EE21-WTP-I4	Estonia, WTP influent		Mar 21
	EE20-WTP-E1	Estonia, WTP effluent		May 20
	EE20-WTP-E2	Estonia, WTP effluent		Aug 20
	EE21-WTP-E3	Estonia, WTP effluent		Jan 21
	EE21-WTP-E4	Estonia, WTP effluent		Mar 21

Great Britain Farm 1, Hampshire

Compartment	Sample Reference	Description	Type of crop	Scheduled Month
Compartment 1 (pig feces)	GB20-P1	GB, pig barn, summer		Jul 20
	GB20-P2	GB, pig barn, autumn		Oct 20
	GB21-P3	GB, pig barn, winter		Jan 21
	GB21-P4	GB, pig barn, spring		Apr 21

Compartment 2 (pig manure)	GB20-M1	GB, manure, summer		Jul 20
	GB20-M2	GB, manure, autumn		Oct 20
	GB21-M3	GB, manure, winter		Jan 21
	GB21-M4	GB, manure, spring		Apr 21

Ireland catchment areas

Compartment	Sample Reference	Description	Type of crop	Scheduled Month
Compartment 10 (wastewater)	IE20-WTP-I1	Ireland, WTP influent		Aug 20
	IE20-WTP-I2	Ireland, WTP influent		Oct 20
	IE21-WTP-I3	Ireland, WTP influent		Jan 21
	IE21-WTP-I4	Ireland, WTP influent		Apr 21
	IE20-WTP-E1	Ireland, WTP effluent		Aug 20
	IE20-WTP-E2	Ireland, WTP effluent		Oct 20
	IE21-WTP-E3	Ireland, WTP effluent		Jan 21
	IE21-WTP-E4	Ireland, WTP effluent		Apr 21
	IE20-WTP-ST1	Ireland, WTP sedimentation tank		Aug 20
	IE20-WTP-ST2	Ireland, WTP sedimentation tank		Oct 20
	IE21-WTP-ST3	Ireland, WTP sedimentation tank		Jan 21
	IE21-WTP-ST4	Ireland, WTP sedimentation tank		Apr 21
	IE20-WTP-SS1	Ireland, WTP sewage sludge		Aug 20
	IE20-WTP-SS2	Ireland, WTP sewage sludge		Oct 20
	IE21-WTP-SS3	Ireland, WTP sewage sludge		Jan 21
	IE21-WTP-SS4	Ireland, WTP sewage sludge		Apr 21

Compartment 11 (wild animals)	IE20-Ww1	Ireland, wild animals, sample 1		Anytime within one year
	IE20-Ww2	Ireland, wild animals, sample 2		Anytime within one year
	IE20-Ww3	Ireland, wild animals, sample 3		Anytime within one year
	IE20-Ww4	Ireland, wild animals, sample 4		Anytime within one year
	IE20-Ww5	Ireland, wild animals, sample 5		Anytime within one year
	IE20-Ww6	Ireland, wild animals, sample 6		Anytime within one year
	IE21-Ww7	Ireland, wild animals, sample 7		Anytime within one year
	IE21-Ww8	Ireland, wild animals, sample 8		Anytime within one year
	IE21-Ww9	Ireland, wild animals, sample 9		Anytime within one year
	IE21-Ww10	Ireland, wild animals, sample 10		Anytime within one year

Norway catchment areas

Compartment	Sample Reference	Description	Type of crop	Scheduled Month
Compartment 11 (wild animals)	NO20-Ww1	Norway, wild animals, sample 1		Anytime within one year
	NO20-Ww2	Norway, wild animals, sample 2		Anytime within one year
	NO20-Ww3	Norway, wild animals, sample 3		Anytime within one year
	NO20-Ww4	Norway, wild animals, sample 4		Anytime within one year
	NO20-Ww5	Norway, wild animals, sample 5		Anytime within one year
	NO20-Ww6	Norway, wild animals, sample 6		Anytime within one year
	NO21-Ww7	Norway, wild animals, sample 7		Anytime within one year
	NO21-Ww8	Norway, wild animals, sample 8		Anytime within one year
	NO21-Ww9	Norway, wild animals, sample 9		Anytime within one year
	NO21-Ww10	Norway, wild animals, sample 10		Anytime within one year

Portugal HOAL

Compartment	Sample Reference	Description	Type of crop	Scheduled Month
Compartment 1 (pig feces)	PT20-P1	Portugal, pig barn, summer		Jul 20
	PT20-P2	Portugal, pig barn, autumn		Oct 20
	PT21-P3	Portugal, pig barn, winter		Jan 21
	PT21-P4	Portugal, pig barn, spring		Apr 21

Compartment 2 (pig manure)	PT20-M1	Portugal, manure, summer		Jul 20
	PT20-M2	Portugal, manure, autumn		Oct 20
	PT20-M3	Portugal, manure, winter		Jan 21
	PT20-M4	Portugal, manure, spring		Apr 21

Compartment 3 (soil)	PT20-S1-C1	Portugal, Baseline soil, crop 1	Corn with Manure	Oct 20
	PT20-S2-C1	Portugal, soil +1d, crop 1	Corn with Manure	Oct 20
	PT20-S3-C1	Portugal, soil 1w, crop 1	Corn with Manure	Oct 20
	PT20-S4-C1	Portugal, soil 6w, crop 1	Corn with Manure	Nov 20
	PT20-S5-C1	Portugal, soil 18w, crop 1	Corn with Manure	Feb 21
	PT20-S6-C1	Portugal, soil just before harvest, crop 1	Corn with Manure	Apr 21
	PT20-S7-C1	Portugal, soil after harvest, crop 1	Corn with Manure	Apr 21
	PT20-S1-C2	Portugal, Baseline soil, crop 2	Corn with Artificial Fertilizer	Oct 20
	PT20-S2-C2	Portugal, soil +1d, crop 2	Corn with Artificial Fertilizer	Oct 20
	PT20-S3-C2	Portugal, soil 1w, crop 2	Corn with Artificial Fertilizer	Oct 20
	PT20-S4-C2	Portugal, soil 6w, crop 2	Corn with Artificial Fertilizer	Nov 20
	PT20-S5-C2	Portugal, soil 18w, crop 2	Corn with Artificial Fertilizer	Feb 21
	PT20-S6-C2	Portugal, soil just before harvest, crop 2	Corn with Artificial Fertilizer	Apr 21
	PT20-S7-C2	Portugal, soil after harvest, crop 2	Corn with Artificial Fertilizer	Apr 21
	PT20-S1-C3	Portugal, Baseline soil, crop 3	Wheat with Manure	Oct 20
	PT20-S2-C3	Portugal, soil +1d, crop 3	Wheat with Manure	Oct 20
	PT20-S3-C3	Portugal, soil 1w, crop 3	Wheat with Manure	Oct 20
	PT20-S4-C3	Portugal, soil 6w, crop 3	Wheat with Manure	Nov 20
	PT20-S5-C3	Portugal, soil 18w, crop 3	Wheat with Manure	Feb 21
	PT20-S6-C3	Portugal, soil just before harvest, crop 3	Wheat with Manure	Apr 21
	PT20-S7-C3	Portugal, soil after harvest, crop 3	Wheat with Manure	Apr 21
	PT20-S1-C4	Portugal, Baseline soil, crop 4	Wheat with Artificial Fertilizer	Oct 20
	PT20-S2-C4	Portugal, soil +1d, crop 4	Wheat with Artificial Fertilizer	Oct 20
	PT20-S3-C4	Portugal, soil 1w, crop 4	Wheat with Artificial Fertilizer	Oct 20
	PT20-S4-C4	Portugal, soil 6w, crop 4	Wheat with Artificial Fertilizer	Nov 20
	PT20-S5-C4	Portugal, soil 18w, crop 4	Wheat with Artificial Fertilizer	Feb 21
	PT20-S6-C4	Portugal, soil just before harvest, crop 4	Wheat with Artificial Fertilizer	Apr 21
	PT20-S7-C4	Portugal, soil after harvest, crop 4	Wheat with Artificial Fertilizer	Apr 21
	PT20-Fs1	Portugal, baseline soil, forest	Control	Oct 20
	PT20-Fs2	Portugal, soil S4, forest	Control	Nov 20
	PT20-Fs3	Portugal, soil S5, forest	Control	Feb 21
	PT20-Fs4	Portugal, soil S7, forest	Control	Apr 21
PT20-Ms1	Portugal, meadow, baseline	Control	Oct 20	
PT20-Ms2	Portugal, soil S4, meadow	Control	Nov 20	
PT20-Ms3	Portugal, soil S5, meadow	Control	Feb 21	
PT20-Ms4	Portugal, soil S7, meadow	Control	Apr 21	

Compartment 4 (crops)	PT21-Cs3-C1	Portugal, crop before harvest, crop type 1	Corn with Manure	Apr 21
	PT21-Cs3-C2	Portugal, crop before harvest, crop type 2	Corn with Artificial Fertilizer	Apr 21
	PT21-Cs3-C3	Portugal, crop before harvest, crop type 3	Wheat with Manure	Apr 21
	PT21-Cs3-C4	Portugal, crop before harvest, crop type 4	Wheat with Artificial Fertilizer	Apr 21
Compartment 5 (drainage water)	PT20-D1	Portugal, field drainage, summer		Jul 20
	PT20-D2	Portugal, field drainage, autumn		Oct 20
	PT20-D3	Portugal, field drainage, winter		Jan 21
	PT20-D4	Portugal, field drainage, spring		Apr 21
Compartment 6 (river water)	PT20-R1	Portugal, river/surface water, summer		Jul 20
	PT20-R2	Portugal, river/surface water, autumn		Oct 20
	PT20-R3	Portugal, river/surface water, winter		Jan 21
	PT20-R4	Portugal, river/surface water, spring		Apr 21
Compartment 7 (ground/superficial water)	PT20-G1	Portugal, groundwater, summer		Jul 20
	PT20-G2	Portugal, groundwater, autumn		Oct 20
	PT20-G3	Portugal, groundwater, winter		Jan 21
	PT20-G4	Portugal, groundwater, spring		Apr 21
	PT20-Dw1	Portugal, drinking water, summer		Jul 20
	PT20-Dw2	Portugal, drinking water, autumn		Oct 20
	PT20-Dw3	Portugal, drinking water, winter		Jan 21
	PT20-Dw4	Portugal, drinking water, spring		Apr 21
Compartment 8 (feed)	PT20-Fe1	Portugal, feed, sample 1		Anytime within one year
	PT20-Fe2	Portugal, feed, sample 2		Anytime within one year
	PT20-Fe3	Portugal, feed, sample 3		Anytime within one year
Compartment 9 (farmers)	PT20-F1-Fa1	Portugal, farmers, faeces 1		Jul 20
	PT20-F2-Fa2	Portugal, farmers, faeces 2		Apr 21
Compartment 10 (wastewater)	PT20-WTP-I1	Portugal, WTP influent, summer		Jul 20
	PT20-WTP-I2	Portugal, WTP influent, autumn		Oct 20
	PT20-WTP-I3	Portugal, WTP influent, winter		Jan 21
	PT20-WTP-I4	Portugal, WTP influent, spring		Apr 21
	PT20-WTP-E1	Portugal, WTP effluent, summer		Jul 20
	PT20-WTP-E2	Portugal, WTP effluent, autumn		Oct 20
	PT20-WTP-E3	Portugal, WTP effluent, winter		Jan 21
	PT20-WTP-E4	Portugal, WTP effluent, spring		Apr 21
	PT20-WTP-ST1	Portugal, WTP sedimentation tank, summer		Jul 20
	PT20-WTP-ST2	Portugal, WTP sedimentation tank, autumn		Oct 20
	PT20-WTP-ST3	Portugal, WTP sedimentation tank, winter		Jan 21
	PT20-WTP-ST4	Portugal, WTP sedimentation tank, spring		Apr 21
	PT20-WTP-SS1	Portugal, WTP sewage sludge, summer		Jul 20
	PT20-WTP-SS2	Portugal, WTP sewage sludge, autumn		Oct 20
	PT20-WTP-SS3	Portugal, WTP sewage sludge, winter		Jan 21
	PT20-WTP-SS4	Portugal, WTP sewage sludge, spring		Apr 21
Compartment 11 (wild animals)	PT20-Ww1	Portugal, wild animals, sample 1		Anytime within one year
	PT20-Ww2	Portugal, wild animals, sample 2		Anytime within one year
	PT20-Ww3	Portugal, wild animals, sample 3		Anytime within one year
	PT20-Ww4	Portugal, wild animals, sample 4		Anytime within one year
	PT20-Ww5	Portugal, wild animals, sample 5		Anytime within one year
	PT20-Ww6	Portugal, wild animals, sample 6		Anytime within one year
	PT20-Ww7	Portugal, wild animals, sample 7		Anytime within one year
	PT20-Ww8	Portugal, wild animals, sample 8		Anytime within one year
	PT20-Ww9	Portugal, wild animals, sample 9		Anytime within one year
	PT20-Ww10	Portugal, wild animals, sample 10		Anytime within one year