



Nutritious, safe and sustainable seafood for consumers of tomorrow

Grant agreement no: 773400

Deliverable D3.2

Database (design/setup) with TQC integrity parameters

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Organisation name of lead contractor: ILVO

Revision: V1

Project co-funded by the European Commission within the H2020 Programme	
Dissemination Level	
PU Public	X
PP Restricted to other programme participants (including the Commission Services)	
RE Restricted to a group specified by the consortium (including the Commission Services)	
CO Confidential, only for members of the consortium (including the Commission Services)	

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1. Summary

Objectives:

Deliverable 3.2 refers to the TQC (Traceability, Quality labelling and Certification) database, which plays a central place in the SEAFOOD^{TOMORROW} project to store all information and data from the different validation analyses of the solutions: 1) data of projected economic and environmental feasibility; 2) consumer acceptance data; 3) data of nutritional quality and hazard assessment; 4) data on validation of innovative tools to assess seafood safety and quality; and 5) benefit-risk assessments.

To fulfill these requirements, different data are needed. Based on the input of the different partners, a list with relevant parameters has been assembled and the conceptual design of the TQC database performed. The design and setup of the database is described in this document.

Rationale:

A central database with TQC integrity parameters was created containing all relevant information from WP1, WP2, T3.1, T3.4, WP4 and WP5 to enable the different assessments, e.g. benefit-risk assessment (T3.4), sustainability and market acceptance (WP4) and the threshold levels for the optimized traceability and quality benchmark tool (and quality label) (WP5) (Figure 1). The database is an internal tool of the project, which is instrumental to assess the eco-innovative solutions.

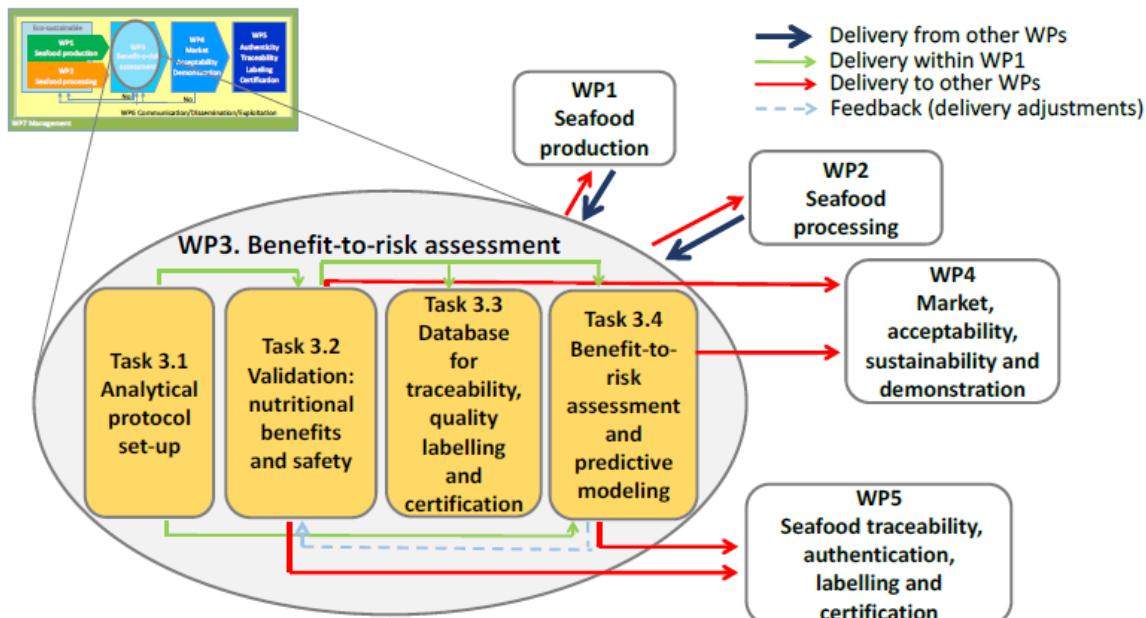


Figure 1. Flow of interaction between SEAFOOD^{TOMORROW}'s Work Packages and Tasks.

2. TQC Database

To better understand the Database structure, some descriptive documents were elaborated.

In [Annex 1](#), an entity relation diagram of the database is shown with the design of the TQC database.



In Annex 2, an extensive description manual addresses the content of the database, being presented with the description of the database entities, properties and relations. In pages 10 to 13 a description of the different tables are provided with examples, whereas the technical details per table are provided from page 14 onwards.

Extra features are currently foreseen, which were not expected in the original proposal, namely: make the TQC database compatible with other (international) databases (i.e. Eurofir), as well as with the Fishchoice tool to be developed in WP6 - Task 6.5.

3. TQC web application

At this point, no laboratory analysis has been yet reported. This will take place by the different beneficiaries in the coming months, once the different parameters are analyzed and the different analytical protocols are defined. Then, all data will be integrated and managed in the TQC database.

A mockup of the TQC web application has been created, proposed and approved by the project beneficiaries. The mockup illustrates the future user interface of the TQC web application. All data stored in the TQC database will be managed through the TQC web application, as illustrated in Annex 3.

In accordance with the mockups, the web application is being developed and will be fully operational in October 2018. Once all functionalities have been tested, the TQC web application will be released at ILVO webserver. Meanwhile, all data (parameters, indicators) will be delivered to ILVO by the responsible beneficiaries.

The TQC web application will be accessible via the subdomain - <http://outcomes.seafoodtomorrow.eu> - of the domain www.seafoodtomorrow.eu. The web application and the database will be hosted at ILVO webserver.

4. Access - login

Access to the database will be password protected and for registered users only. Different user types will be created:

- Write-rights: for people that can manage data;
- Read-only rights: for people that can only consult the data.

All SEAFOOD^{TOMORROW} beneficiaries will have access by default (write or read), depending on their tasks and responsibilities.

The data will also be available for external registered users in a later stage, which will be decided by the beneficiaries during the 6 months project coordinating meetings.

The database will also be kept online after the project ends, and free of charge.



Annex 1





Annex 2



srysqldevd1

Documentation

D1_SeaFoodTomorrow_Outcomes



Instituut voor Landbouw-,
Visserij- en Voedingsonderzoek

Server	srysqldevd1
Author	Wim Allegaert
Created	woensdag 4 juli 2018 15:15:52
File Path	C:\Users\wallegaert\Desktop\SeafoodTomorrow_Outcomes-2018-07-04T15-15-52.pdf

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srvsqlddevd1

Databases (1)

-  D1_SeaFoodTomorrow_Outcomes

Server Properties

Property	Value
Product	Microsoft SQL Server
Version	11.0.3156.0
Language	English (United States)
Platform	NT x64
Edition	Standard Edition (64-bit)
Processors	2
OS Version	6.2 (9200)
Physical Memory	4096
Is Clustered	False
Root Directory	c:\SQL\MSSQL11.MSSQLSERVER\MSSQL
Collation	Latin1_General_CI_AS

Server Settings

Property	Value
Default data file path	C:\SQL\MSSQL11.MSSQLSERVER\MSSQL\DATA\
Default backup file path	C:\SQL\MSSQL11.MSSQLSERVER\MSSQL\Backup
Default log file path	C:\SQL\MSSQL11.MSSQLSERVER\MSSQL\DATA\
Recovery Interval (minutes)	0
Default index fill factor	0
Default backup media retention	0
Compress Backup	False

Advanced Server Settings

Property	Value
Full text upgrade option	2
Locks	0
Nested triggers enabled	True
Allow triggers to fire others	True
Default language	English
Network packet size	4096
Default fulltext language LCID	1033

Two-digit year cutoff	2049
Remote login timeout	10
Cursor threshold	-1
Max text replication size	65536
Parallelism cost threshold	5
Max degree of parallelism	0
Min server memory	16
Max server memory	2147483647
Scan for startup procs	False
Transform noise words	False
CLR enabled	False
Blocked process threshold	0
Filestream access level	False
Optimize for ad hoc workloads	False

User databases

Databases (1)

-  D1_SeaFoodTomorrow_Outcomes

□ D1_SeaFoodTomorrow_Outcomes Database

MS_Description

Database with the outcomes of safety, nutritional claims, sustainability, market, tracability and certification

Database Properties

Property	Value
SQL Server Version	SQL Server 2012
Compatibility Level	SQL Server 2012
Last backup time	-
Last log backup time	-
Creation date	Jul 4 2018
Users	4
Database Encryption Enabled	False
Database Encryption Algorithm	None
Database size	9.00 MB
Unallocated space	2.25 MB

Database Options

Property	Value
Compatibility Level	110
Database collation	Latin1_General_CI_AS
Restrict access	MULTI_USER
Is read-only	False
Auto close	False
Auto shrink	False
Database status	ONLINE
In standby	False
Cleanly shutdown	False
Supplemental logging enabled	False
Snapshot isolation state	OFF
Read committed snapshot on	False
Recovery model	SIMPLE
Page verify option	CHECKSUM
Auto create statistics	True
Auto update statistics	True
Auto update statistics asynchronously	False
ANSI NULL default	False
ANSI NULL enabled	False
ANSI padding enabled	False

ANSI warnings enabled	False
Arithmetic abort enabled	False
Concatenating NULL yields NULL	False
Numeric roundabort enabled	False
Quoted Identifier On	False
Recursive triggers enabled	False
Close cursors on commit	False
Local cursors by default	False
Fulltext enabled	True
Trustworthy	False
Database chaining	False
Forced parameterization	False
Master key encrypted by server	False
Published	False
Subscribed	False
Merge published	False
Is distribution database	False
Sync with backup	False
Service broker GUID	3e9cddbf-a50c-4590-9133-60674a9d3de4
Service broker enabled	False
Log reuse wait	NOTHING
Date correlation	False
CDC enabled	False
Encrypted	False
Honor broker priority	False
Default language	English
Default fulltext language LCID	1033
Nested triggers enabled	True
Transform noise words	False
Two-digit year cutoff	2049
Containment	NONE
Target recovery time	0
Database owner	CLO\wallegaert

Files

Name	Type	Size	Maxsize	Autogrowth	File Name
D1_SeaFoodTomorrow_Outcomes	Data	5,00 MB	unlimited	1,00 MB	C:\SQL\MSSQL1 1.MSSQLSERV ER\MSSQL\DAT A\1_D1_SeaFood- Tomorrow_- Outcomes.mdf
D1_SeaFoodTomorrow_- Outcomes_log	Log	4,00 MB	2048,00 GB	10,00 percent	C:\SQL\MSSQL1 1.MSSQLSERV ER\MSSQL\DAT A\1_D1_SeaFood- Tomorrow_-

					Outcomes_log.Id f
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Tables

Objects

Name
dbo.AcquisitionType <i>Controlled vocabulary with the EuroFir Acquisition Type Thesaurus</i> http://thesaurus.eurofir.org/Tree.asp?thesaurusId=61
<i>Eg.</i> Acquisition type not known [X] Authoritative Document [A] Food composition table [F] Food label, product information [L] Independent laboratory [D] Industry laboratory [I] In-house or affiliated laboratory [O] Other acquisition type [E] Published and peer reviewed scientific paper [P] Recipe collection [R] Scientific communication [C] Value created within host-system [S]
dbo.Analysis <i>Table with analysis data. All analyzes are linked to a sample.</i>
dbo.AnalysisResult <i>Table with the results of the analysed sample data.</i>
dbo.Country <i>Controlled vocabulary with country codes.</i> http://www.nationsonline.org/oneworld/country_code_list.htm
dbo.Denominator <i>Controlled vocabulary with the Eurofir Maxtrix Unit Thesaurus (denominator).</i> http://thesaurus.eurofir.org/Tree.asp?thesaurusId=62
<i>E.g.:</i> not applicable [X] per 100g dry weight [D] per 100g edible portion [W] per 100g protein [PP] per 100g total amino acids [A] per 100g total fat [TF] per 100g total fatty acids [F] per 100 fatty acid (identified only) [FI] per 100 g fatty acid (identified and unidentified) [FIU] per 100g total food [T] per 100ml food volume [V] per g nitrogen [N] per g protein [P] per g total fat [FT] per kg dry weight [DKG] per kg edible portion [WKG] per kg total food [TKG] per l food volume [VL]

<i>per ml food volume [VM]</i>
<i>per unit [U]</i>
dbo.Food <i>Table with new eco-innovative seafood solutions and existing consumed seafood products.</i> <i>In addition to the general properties this table also contains the final score for the eco-innovative seafood solutions.</i>
dbo.FoodDescriptor <i>Description of various aspects of foods. Each aspect is described by selection from a set of food descriptors.</i>
dbo.FoodEx2Classification <i>Table with the standardised EFSA food classification and description vocabulary</i>
<i>https://www.efsa.europa.eu/en/data/data-standardisation/ation/</i>
dbo.FoodIdentifier <i>Systematic method to assign each food an identifier. Each aspect is described by selection from a set of food identifiers.</i>
dbo.FoodIndicator <i>Table with the food indicators per food product.</i> <i>For the new eco-innovative seafood solutions the table contains the score per indicator based on the parameter score.</i>
dbo.FoodParameter <i>Table with the food parameters per food product.</i> <i>For the new eco-innovative seafood solutions the table contains the quantity and the score per parameter based on the analysed samples.</i> <i>For existing consumed seafood products the table contains the quantity per parameter based on the product label or articles. Eg. the salt (Sodium) level.</i>
dbo.FoodType <i>Vocabulary with the food type data.</i>
<i>Eg.: innovative seafood product, consumed seafood product</i>
dbo.Indicator <i>Controlled vocabulary with indicators. An indicator is an instrument for specifying the level of a group of food parameters.</i> <i>In addition to the general properties this table also contains some threshold values and the weight per indicator that will be applied for the calculation of the score.</i>
<i>E.g.: Composition, Chemical, Quality Microbial, Quality Nutritionional, Quality Sensory , Processing, Environmental, Varia</i>
dbo.LanguaLDescriptor <i>Table with the LanguaL™ Food Description Thesaurus. The thesaurus provides a standardised language for describing foods, specifically for classifying food products for information retrieval.</i>
<i>http://www.langual.org/</i>
dbo.Parameter <i>Controlled vocabulary with descriptors (identifiers) that are used to identify the component or physico-chemical property to which the reported value relates. It is organised into a hierarchy.</i> <i>In addition to the general properties this table also contains the weight per parameter that will be applied for the calculation of the score.</i>
<i>http://ethesaurus.eurofir.org/Tree.asp?thesaurusId=37</i>
<i>Eg.:</i> <i>Salmonella</i> <i>DNA</i> <i>Listeria</i> <i>Total plate count</i> <i>SAT, MUFA, PUFA, n-3 -DHA,</i> <i>A, B1, B6, B9, B12, D, E</i> <i>Mg, Mn, Fe, I, Ca, Cu, Zn, Se, Na, K, P, Taste</i> <i>Smell</i> <i>...</i>
dbo.Partner

Vocabulary with all partners of the Seafood Tomorrow project.
dbo.Permission <i>Table with security permissions data</i>
dbo.Recommendation <i>Vocabulary with categories used in reference levels for nutrient intakes.</i>
<i>E.g.</i> ADI: Allowable Daily Intake, MRL: max residue level, DAI: Daily Adequate Intake, ...
dbo.ReferenceIntake <i>Table with a set of reference values per target group, used to plan and assess nutrient intakes of healthy people.</i>
<i>Eg. recommended daily protein intake for adults.</i>
dbo.Role <i>Table with security role data</i>
dbo.RolePermission <i>Table with security role-permissions mapping data</i>
dbo.Sample <i>Table with samples of innovative seafood products.</i>
dbo.SampleDescriptor <i>Description of various aspects of samples. Each aspect is described by selection from a set of food descriptors.</i>
dbo.SampleIdentifier <i>Systematic method to assign each sample an identifier. Each aspect is described by selection from a set of food identifiers.</i>
dbo.ScoringCategory <i>Vocabulary with different kinds of scoring categories.</i>
<i>E.g.:</i> + : positive - : negative +/-: neutral
dbo.TargetGroup <i>Vocabulary with target group data.</i>
<i>E.g.:</i> youth, senior, pregnant women, adults, adults (male), adults (female), ...
dbo.Unit <i>Controlled vocabulary with the EuroFir Unit Thesaurus</i> http://thesaurus.eurofir.org/Tree.asp?thesaurusId=65
<i>E.g.:</i> alpha-tocopherol equivalent [ATE] beta-carotene equivalent [BCE] degrees Brix [BX] gram [g] kilocalorie [kcal] kilogram [kg] kilojoule [kJ] litre [l] microgram [ug] microlitre [ul] milligram [mg] millilitre [ml] millimole [mmol]

<p><i>monosaccharide equivalent [MSE]</i> <i>nanogram [ng]</i> <i>niacin equivalent [NE]</i> <i>per cent [PCT]</i> <i>ratio [R]</i> <i>retinol equivalent [RE]</i></p>
<p>dbo.User <i>Table with security user data</i></p>
<p>dbo.ValueOption <i>Vocabulary with the possible result values for the measurement of a specific parameter.</i></p>
<p><i>E.g.: yes/no/unknown</i></p>
<p>dbo.ValueType <i>Controlled vocabulary with the EuroFIR value type data of a measurement.</i> http://thesaurus.eurofir.org/Tree.asp?thesaurusId=66</p>
<p><i>E.g.:</i> <i>as reported [AR]</i> <i>average [AV]</i> <i>below limits of detection or quantification [BLX]</i> <i>below limit of detection [BL]</i> <i>below limit of quantification [BQ]</i> <i>best estimate [BE]</i> <i>less than [LT]</i> <i>logical zero [LZ]</i> <i>maximum [MX]</i> <i>mean [MN]</i> <i>median [MD]</i> <i>minimum [MI]</i> <i>more than [MT]</i> <i>not processed [NP]</i> <i>other value type [E]</i> <i>trace [TR]</i> <i>undecidable [UD]</i> <i>unknown [N]</i> <i>value type not known [X]</i> <i>weighted [W]</i></p>
<p>dbo.WildOrFarmedRaised <i>Vocabulary with the raising data.</i></p>
<p><i>Eg.: wild, farmed</i></p>

[dbo].[AcquisitionType]

MS_Description

Controlled vocabulary with the EuroFir Acquisition Type Thesaurus

<http://ethesaurus.eurofir.org/Tree.asp?thesaurusId=61>

Eg.

- Acquisition type not known [X]
- Authoritative Document [A]
- Food composition table [F]
- Food label, product information [L]
- Independent laboratory [D]
- Industry laboratory [I]
- In-house or affiliated laboratory [O]
- Other acquisition type [E]
- Published and peer reviewed scientific paper [P]
- Recipe collection [R]
- Scientific communication [C]
- Value created within host-system [S]

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:44:42 woensdag 4 juli 2018
Last Modified	14:55:42 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
 C	ID	uniqueidentifier	16	False	(newid())
	Code	varchar(25)	25	True	
	Name	varchar(250)	250	True	
	EndDate	date	3	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
 C	PK_AcquisitionType	ID	True

SQL Script

```
CREATE TABLE [dbo].[AcquisitionType]
```

```
(  
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_AcquisitionType_ID] DEFAULT  
        (newid()),  
    [Code] [varchar] (25) COLLATE Latin1_General_CI_AS NULL,  
    [Name] [varchar] (250) COLLATE Latin1_General_CI_AS NULL,  
    [EndDate] [date] NULL,  
    [GcRecord] [bit] NULL  
) ON [PRIMARY]  
GO  
ALTER TABLE [dbo].[AcquisitionType] ADD CONSTRAINT [PK_AcquisitionType] PRIMARY KEY  
CLUSTERED ([ID]) ON [PRIMARY]  
GO  
EXEC sp_addextendedproperty N'MS_Description', N'Controlled vocabulary with the Euro-  
Fir Acquisition Type Thesaurus  
http://thesaurus.eurofir.org/Tree.asp?thesaurusId=61  
  
Eg.  
Acquisition type not known [X]  
Authoritative Document [A]  
Food composition table [F]  
Food label, product information [L]  
Independent laboratory [D]  
Industry laboratory [I]  
In-house or affiliated laboratory [O]  
Other acquisition type [E]  
Published and peer reviewed scientific paper [P]  
Recipe collection [R]  
Scientific communication [C]  
Value created within host-system [S]      ', 'SCHEMA', N'dbo', 'TABLE', N'Acquisition-  
Type', NULL, NULL  
GO
```

Used By

[dbo].[FoodParameter]

[dbo].[Analysis]

MS_Description

Table with analysis data. All analyzes are linked to a sample.

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:44:54 woensdag 4 juli 2018
Last Modified	15:02:22 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
	ID	uniqueidentifier	16	False	(newid())
	SampleID	uniqueidentifier	16	True	
	Code	varchar(250)	250	True	
	LaboratoryPartnerID	uniqueidentifier	16	True	
	Date	datetime	8	True	
	Method	varchar(max)	max	True	
	Description	varchar(max)	max	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
	PK_Analysis	ID	True

Foreign Keys

Name	Columns
FK_Analysis_Partner	LaboratoryPartnerID->[dbo].[Partner].[ID]
FK_Analysis_Sample	SampleID->[dbo].[Sample].[ID]

SQL Script

```
CREATE TABLE [dbo].[Analysis]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_Analysis_ID] DEFAULT (newid()),
```

```
[SampleID] [uniqueidentifier] NULL,
[Code] [varchar] (250) COLLATE Latin1_General_CI_AS NULL,
[LaboratoryPartnerID] [uniqueidentifier] NULL,
[Date] [datetime] NULL,
[Method] [varchar] (max) COLLATE Latin1_General_CI_AS NULL,
[Description] [varchar] (max) COLLATE Latin1_General_CI_AS NULL,
[GcRecord] [bit] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[Analysis] ADD CONSTRAINT [PK_Analysis] PRIMARY KEY CLUSTERED
([ID]) ON [PRIMARY]
GO
ALTER TABLE [dbo].[Analysis] ADD CONSTRAINT [FK_Analysis_Partner] FOREIGN KEY
([LaboratoryPartnerID]) REFERENCES [dbo].[Partner] ([ID])
GO
ALTER TABLE [dbo].[Analysis] ADD CONSTRAINT [FK_Analysis_Sample] FOREIGN KEY
([SampleID]) REFERENCES [dbo].[Sample] ([ID])
GO
EXEC sp_addextendedproperty N'MS_Description', N'Table with analysis data. All
analyzes are linked to a sample.', 'SCHEMA', N'dbo', 'TABLE', N'Analysis', NULL,
NULL
GO
```

Uses

[dbo].[Partner]
[dbo].[Sample]

Used By

[dbo].[AnalysisResult]

[dbo].[AnalysisResult]

MS_Description

Table with the results of the analysed sample data.

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:45:09 woensdag 4 juli 2018
Last Modified	15:14:43 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
PK	ID	uniqueidentifier	16	False	(newid())
FK	AnalysisID	uniqueidentifier	16	True	
FK	ParameterID	uniqueidentifier	16	True	
	Value	decimal(10,2)	9	True	
FK	UnitID	uniqueidentifier	16	True	
FK	DenominatorID	uniqueidentifier	16	True	
FK	ValueOptionID	uniqueidentifier	16	True	
FK	ValueTypeID	uniqueidentifier	16	True	
	Remark	varchar(max)	max	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
PK	PK_AnalysisResult	ID	True

Foreign Keys

Name	Columns
FK_AnalysisResult_Analysis	AnalysisID->[dbo].[Analysis].[ID]
FK_AnalysisResult_Denominator	DenominatorID->[dbo].[Denominator].[ID]
FK_AnalysisResult_Parameter	ParameterID->[dbo].[Parameter].[ID]
FK_AnalysisResult_Unit	UnitID->[dbo].[Unit].[ID]
FK_AnalysisResult_ValueOption	ValueOptionID->[dbo].[ValueOption].[ID]

FK_AnalysisResult_ValueType	ValueTypeID->[dbo].[ValueType].ID
-----------------------------	-----------------------------------

SQL Script

```

CREATE TABLE [dbo].[AnalysisResult]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_AnalysisResult_ID] DEFAULT
    (newid()),
    [AnalysisID] [uniqueidentifier] NULL,
    [ParameterID] [uniqueidentifier] NULL,
    [Value] [decimal] (10, 2) NULL,
    [UnitID] [uniqueidentifier] NULL,
    [DenominatorID] [uniqueidentifier] NULL,
    [ValueOptionID] [uniqueidentifier] NULL,
    [ValueTypeID] [uniqueidentifier] NULL,
    [Remark] [varchar] (max) COLLATE Latin1_General_CI_AS NULL,
    [GcRecord] [bit] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[AnalysisResult] ADD CONSTRAINT [PK_AnalysisResult] PRIMARY KEY
CLUSTERED ([ID]) ON [PRIMARY]
GO
ALTER TABLE [dbo].[AnalysisResult] ADD CONSTRAINT [FK_AnalysisResult_Analysis]
FOREIGN KEY ([AnalysisID]) REFERENCES [dbo].[Analysis] ([ID])
GO
ALTER TABLE [dbo].[AnalysisResult] ADD CONSTRAINT [FK_AnalysisResult_Denominator]
FOREIGN KEY ([DenominatorID]) REFERENCES [dbo].[Denominator] ([ID])
GO
ALTER TABLE [dbo].[AnalysisResult] ADD CONSTRAINT [FK_AnalysisResult_Parameter]
FOREIGN KEY ([ParameterID]) REFERENCES [dbo].[Parameter] ([ID])
GO
ALTER TABLE [dbo].[AnalysisResult] ADD CONSTRAINT [FK_AnalysisResult_Unit] FOREIGN
KEY ([UnitID]) REFERENCES [dbo].[Unit] ([ID])
GO
ALTER TABLE [dbo].[AnalysisResult] ADD CONSTRAINT [FK_AnalysisResult_ValueOption]
FOREIGN KEY ([ValueOptionID]) REFERENCES [dbo].[ValueOption] ([ID])
GO
ALTER TABLE [dbo].[AnalysisResult] ADD CONSTRAINT [FK_AnalysisResult_ValueType]
FOREIGN KEY ([ValueTypeID]) REFERENCES [dbo].[ValueType] ([ID])
GO
EXEC sp_addextendedproperty N'MS_Description', N'Table with the results of the
analysed sample data.', 'SCHEMA', 'dbo', 'TABLE', 'AnalysisResult', NULL, NULL
GO

```

Uses

- [dbo].[Analysis]
- [dbo].[Denominator]
- [dbo].[Parameter]
- [dbo].[Unit]
- [dbo].[ValueOption]
- [dbo].[ValueType]

[dbo].[Country]

MS_Description

Controlled vocabulary with country codes.

http://www.nationsonline.org/oneworld/country_code_list.htm

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:45:26 woensdag 4 juli 2018
Last Modified	15:02:51 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
	ID	uniqueidentifier	16	False	(newid())
	Code	char(3)	3	True	
	Name	varchar(250)	250	True	
	EndDate	date	3	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
	PK_Country	ID	True

SQL Script

```

CREATE TABLE [dbo].[Country]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_Country_ID] DEFAULT (newid()),
    [Code] [char] (3) COLLATE Latin1_General_CI_AS NULL,
    [Name] [varchar] (250) COLLATE Latin1_General_CI_AS NULL,
    [EndDate] [date] NULL,
    [GcRecord] [bit] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[Country] ADD CONSTRAINT [PK_Country] PRIMARY KEY CLUSTERED
([ID]) ON [PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Controlled vocabulary with country
codes.
http://www.nationsonline.org/oneworld/country\_code\_list.htm', 'SCHEMA', N'dbo',
'TABLE', N'Country', NULL, NULL

```

```
GO
```

Used By

[dbo].[Food]
[dbo].[Partner]

[dbo].[Denominator]

MS_Description

Controlled vocabulary with the Eurofir Maxtrix Unit Thesaurus (denominator).

<http://thesaurus.eurofir.org/Tree.asp?thesaurusId=62>

E.g.:

not applicable [X]
 per 100g dry weight [D]
 per 100g edible portion [W]
 per 100g protein [PP]
 per 100g total amino acids [A]
 per 100g total fat [TF]
 per 100g total fatty acids [F]
 per 100 fatty acid (identified only) [FI]
 per 100 g fatty acid (identified and unidentified) [FIU]
 per 100g total food [T]
 per 100ml food volume [V]
 per g nitrogen [N]
 per g protein [P]
 per g total fat [FT]
 per kg dry weight [DKG]
 per kg edible portion [WKG]
 per kg total food [TKG]
 per l food volume [VL]
 per ml food volume [VM]
 per unit [U]

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:45:36 woensdag 4 juli 2018
Last Modified	15:01:05 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
Pk_C	ID	uniqueidentifier	16	False	(newid())
	Code	varchar(255)	255	True	
	Name	varchar(255)	255	True	
	EndDate	date	3	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
 C	PK_Denominator	ID	True

SQL Script

```

CREATE TABLE [dbo].[Denominator]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_Denominator_ID] DEFAULT (newid()),
    [Code] [varchar] (255) COLLATE Latin1_General_CI_AS NULL,
    [Name] [varchar] (255) COLLATE Latin1_General_CI_AS NULL,
    [EndDate] [date] NULL,
    [GcRecord] [bit] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[Denominator] ADD CONSTRAINT [PK_Denominator] PRIMARY KEY
CLUSTERED ([ID]) ON [PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Controlled vocabulary with the
Eurofir Maxtrix Unit Thesaurus (denominator).
http://thesaurus.eurofir.org/Tree.asp?thesaurusId=62

E.g.:
not applicable [X]
per 100g dry weight [D]
per 100g edible portion [W]
per 100g protein [PP]
per 100g total amino acids [A]
per 100g total fat [TF]
per 100g total fatty acids [F]
per 100 fatty acid (identified only) [FI]
per 100 g fatty acid (identified and unidentified) [FIU]
per 100g total food [T]
per 100ml food volume [V]
per g nitrogen [N]
per g protein [P]
per g total fat [FT]
per kg dry weight [DKG]
per kg edible portion [WKG]
per kg total food [TKG]
per l food volume [VL]
per ml food volume [VM]
per unit [U]', 'SCHEMA', N'dbo', 'TABLE', N'Denominator', NULL, NULL
GO

```

Used By

[dbo].[AnalysisResult]
[dbo].[FoodParameter]

[dbo].[Food]

MS_Description

Table with new eco-innovative seafood solutions and existing consumed seafood products.

In addition to the general properties this table also contains the final score for the eco-innovative seafood solutions.

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:45:45 woensdag 4 juli 2018
Last Modified	15:04:22 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
	ID	uniqueidentifier	16	False	(newid())
	FoodTypeID	uniqueidentifier	16	True	
	Code	varchar(50)	50	True	
	Name	varchar(250)	250	True	
	TargetGroupID	uniqueidentifier	16	True	
	CountryOfOriginID	uniqueidentifier	16	True	
	WildOrFarmedRaisedID	uniqueidentifier	16	True	
	Producer	varchar(250)	250	True	
	Recipe	varchar(max)	max	True	
	Score	decimal(10,2)	9	True	
	Remark	varchar(max)	max	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
	PK_Food	ID	True

Foreign Keys

Name	Columns
FK_Food_Country	CountryOfOriginID->[dbo].[Country].[ID]
FK_Food_FoodType	FoodTypeID->[dbo].[FoodType].[ID]

FK_Food_TargetGroup	TargetGroupID->[dbo].[TargetGroup].[ID]
FK_Food_WildOrFarmedRaised	WildOrFarmedRaisedID->[dbo].[WildOrFarmedRaised].[ID]

SQL Script

```

CREATE TABLE [dbo].[Food]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_Food_ID] DEFAULT (newid()),
    [FoodTypeID] [uniqueidentifier] NULL,
    [Code] [varchar] (50) COLLATE Latin1_General_CI_AS NULL,
    [Name] [varchar] (250) COLLATE Latin1_General_CI_AS NULL,
    [TargetGroupID] [uniqueidentifier] NULL,
    [CountryOfOriginID] [uniqueidentifier] NULL,
    [WildOrFarmedRaisedID] [uniqueidentifier] NULL,
    [Producer] [varchar] (250) COLLATE Latin1_General_CI_AS NULL,
    [Recipe] [varchar] (max) COLLATE Latin1_General_CI_AS NULL,
    [Score] [decimal] (10, 2) NULL,
    [Remark] [varchar] (max) COLLATE Latin1_General_CI_AS NULL,
    [GcRecord] [bit] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[Food] ADD CONSTRAINT [PK_Food] PRIMARY KEY CLUSTERED ([ID]) ON
[PRIMARY]
GO
ALTER TABLE [dbo].[Food] ADD CONSTRAINT [FK_Food_Country] FOREIGN KEY ([CountryOf-
OriginID]) REFERENCES [dbo].[Country] ([ID])
GO
ALTER TABLE [dbo].[Food] ADD CONSTRAINT [FK_Food_FoodType] FOREIGN KEY ([FoodType-
ID]) REFERENCES [dbo].[FoodType] ([ID])
GO
ALTER TABLE [dbo].[Food] ADD CONSTRAINT [FK_Food_TargetGroup] FOREIGN KEY ([Target-
GroupID]) REFERENCES [dbo].[TargetGroup] ([ID])
GO
ALTER TABLE [dbo].[Food] ADD CONSTRAINT [FK_Food_WildOrFarmedRaised] FOREIGN KEY
([WildOrFarmedRaisedID]) REFERENCES [dbo].[WildOrFarmedRaised] ([ID])
GO
EXEC sp_addextendedproperty N'MS_Description', N'Table with new eco-innovative
seafood solutions and existing consumed seafood products.
In addition to the general properties this table also contains the final score for
the eco-innovative seafood solutions.', 'SCHEMA', N'dbo', 'TABLE', N'Food', NULL,
NULL
GO

```

Uses

[dbo].[Country]
 [dbo].[FoodType]
 [dbo].[TargetGroup]
 [dbo].[WildOrFarmedRaised]

Used By

[dbo].[FoodDescriptor]
 [dbo].[FoodIdentifier]
 [dbo].[FoodIndicator]
 [dbo].[FoodParameter]

[dbo].[Sample]

[dbo].[FoodDescriptor]

MS_Description

Description of various aspects of foods. Each aspect is described by selection from a set of food descriptors.

Properties

Property	Value
Row Count (~)	0
Created	14:45:53 woensdag 4 juli 2018
Last Modified	15:04:22 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
PK	ID	uniqueidentifier	16	False	(newid())
FK	FoodID	uniqueidentifier	16	True	
FK	LanguaLDescriptorID	uniqueidentifier	16	True	

Indexes

Key	Name	Key Columns	Unique
PK	PK_FoodDescriptor	ID	True

Foreign Keys

Name	Columns
FK_FoodDescriptor_Food	FoodID->[dbo].[Food].[ID]
FK_FoodDescriptor_LanguaLDescriptor	LanguaLDescriptorID->[dbo].[LanguaLDescriptor].[ID]

SQL Script

```

CREATE TABLE [dbo].[FoodDescriptor]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_FoodDescriptor_ID] DEFAULT (newid()),
    [FoodID] [uniqueidentifier] NULL,
    [LanguaLDescriptorID] [uniqueidentifier] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[FoodDescriptor] ADD CONSTRAINT [PK_FoodDescriptor] PRIMARY KEY
CLUSTERED ([ID]) ON [PRIMARY]
GO
ALTER TABLE [dbo].[FoodDescriptor] ADD CONSTRAINT [FK_FoodDescriptor_Food] FOREIGN

```

```
KEY ([FoodID]) REFERENCES [dbo].[Food] ([ID])
GO
ALTER TABLE [dbo].[FoodDescriptor] ADD CONSTRAINT [FK_FoodDescriptor_Langua-
LDescriptor] FOREIGN KEY ([LangualDescriptorID]) REFERENCES [dbo].[Langua-
LDescriptor] ([ID])
GO
EXEC sp_addextendedproperty N'MS_Description', N'Description of various aspects of
foods. Each aspect is described by selection from a set of food descriptors.', 
'SCHEMA', N'dbo', 'TABLE', N'FoodDescriptor', NULL, NULL
GO
```

Uses

[dbo].[Food]
[dbo].[LangualDescriptor]

[dbo].[FoodEx2Classification]

MS_Description

Table with the standardised EFSA food classification and description vocabulary

<https://www.efsa.europa.eu/en/data/data-standardisation/ation/>

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:46:02 woensdag 4 juli 2018
Last Modified	15:05:17 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
PK_C	ID	uniqueidentifier	16	False	(newid())
	MatrixCode	varchar(25)	25	True	
	GEMSCode	varchar(25)	25	True	
	LangualCode	varchar(25)	25	True	
	Code	varchar(25)	25	True	
	Name	varchar(250)	250	True	
	Statef	char(1)	1	True	
	Cores	char(1)	1	True	
	Scopenotes	varchar(250)	250	True	
	ScientificNames	varchar(250)	250	True	
	CommonNames	varchar(250)	250	True	
	EndDate	date	3	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
PK_C	PK_FoodEx2Classification	ID	True

SQL Script

```
CREATE TABLE [dbo]. [FoodEx2Classification]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_FoodEx2Classification_ID] DEFAULT
```

```
(newid()),
[MatrixCode] [varchar] (25) COLLATE Latin1_General_CI_AS NULL,
[GEMSCode] [varchar] (25) COLLATE Latin1_General_CI_AS NULL,
[LangualCode] [varchar] (25) COLLATE Latin1_General_CI_AS NULL,
[Code] [varchar] (25) COLLATE Latin1_General_CI_AS NULL,
[Name] [varchar] (250) COLLATE Latin1_General_CI_AS NULL,
[Statef] [char] (1) COLLATE Latin1_General_CI_AS NULL,
[Cores] [char] (1) COLLATE Latin1_General_CI_AS NULL,
[Scopenotes] [varchar] (250) COLLATE Latin1_General_CI_AS NULL,
[ScientificNames] [varchar] (250) COLLATE Latin1_General_CI_AS NULL,
[CommonNames] [varchar] (250) COLLATE Latin1_General_CI_AS NULL,
[EndDate] [date] NULL,
[GcRecord] [bit] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[FoodEx2Classification] ADD CONSTRAINT [PK_FoodEx2Classification]
PRIMARY KEY CLUSTERED ([ID]) ON [PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Table with the standardised EFSA
food classification and description vocabulary
https://www.efsa.europa.eu/en/data/data-standardisation/ation/', 'SCHEMA', N'dbo',
'TABLE', N'FoodEx2Classification', NULL, NULL
GO
```

Used By

[dbo].[FoodIdentifier]
[dbo].[SampleIdentifier]

[dbo].[FoodIdentifier]

MS_Description

Systematic method to assign each food an identifier. Each aspect is described by selection from a set of food identifiers.

Properties

Property	Value
Row Count (~)	0
Created	14:46:11 woensdag 4 juli 2018
Last Modified	15:03:47 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
	ID	uniqueidentifier	16	False	(newid())
	FoodID	uniqueidentifier	16	True	
	FoodEx2ClassificationID	uniqueidentifier	16	True	

Indexes

Key	Name	Key Columns	Unique
	PK_FoodIdentifier	ID	True

Foreign Keys

Name	Columns
FK_FoodIdentifier_Food	FoodID->[dbo].[Food].[ID]
FK_FoodIdentifier_FoodEx2Classification	FoodEx2ClassificationID->[dbo].[FoodEx2Classification].[ID]

SQL Script

```

CREATE TABLE [dbo].[FoodIdentifier]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_FoodIdentifier_ID] DEFAULT
    (newid()),
    [FoodID] [uniqueidentifier] NULL,
    [FoodEx2ClassificationID] [uniqueidentifier] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[FoodIdentifier] ADD CONSTRAINT [PK_FoodIdentifier] PRIMARY KEY
CLUSTERED ([ID]) ON [PRIMARY]
GO

```

```
ALTER TABLE [dbo].[FoodIdentifier] ADD CONSTRAINT [FK_FoodIdentifier_Food] FOREIGN  
KEY ([FoodID]) REFERENCES [dbo].[Food] ([ID])  
GO  
ALTER TABLE [dbo].[FoodIdentifier] ADD CONSTRAINT [FK_FoodIdentifier_Food-  
Ex2Classification] FOREIGN KEY ([FoodEx2ClassificationID]) REFERENCES [dbo].[Food-  
Ex2Classification] ([ID])  
GO  
EXEC sp_addextendedproperty N'MS_Description', N'Systematic method to assign each  
food an identifier. Each aspect is described by selection from a set of food  
identifiers.', 'SCHEMA', 'dbo', 'TABLE', 'FoodIdentifier', NULL, NULL  
GO
```

Uses

[dbo].[Food]
[dbo].[FoodEx2Classification]

[dbo].[FoodIndicator]

MS_Description

Table with the food indicators per food product.

For the new eco-innovative seafood solutions the table contains the score per indicator based on the parameter score.

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:46:19 woensdag 4 juli 2018
Last Modified	14:54:23 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
 C	ID	uniqueidentifier	16		(newid())
	FoodID	uniqueidentifier	16		
	IndicatorID	uniqueidentifier	16		
	Score	decimal(10,2)	9		
	Remark	varchar(max)	max		
	GcRecord	bit	1		

Indexes

Key	Name	Key Columns	Unique
 C	PK_FoodIndicator	ID	

Foreign Keys

Name	Columns
FK_FoodIndicator_Food	FoodID->[dbo].[Food].[ID]
FK_FoodIndicator_Indicator	IndicatorID->[dbo].[Indicator].[ID]

SQL Script

```
CREATE TABLE [dbo].[FoodIndicator]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_FoodIndicator_ID] DEFAULT (newid()),
    [FoodID] [uniqueidentifier] NULL,
    [IndicatorID] [uniqueidentifier] NULL,
```

```
[Score] [decimal] (10, 2) NULL,
[Remark] [varchar] (max) COLLATE Latin1_General_CI_AS NULL,
[GcRecord] [bit] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[FoodIndicator] ADD CONSTRAINT [PK_FoodIndicator] PRIMARY KEY
CLUSTERED ([ID]) ON [PRIMARY]
GO
ALTER TABLE [dbo].[FoodIndicator] ADD CONSTRAINT [FK_FoodIndicator_Food] FOREIGN KEY
([FoodID]) REFERENCES [dbo].[Food] ([ID])
GO
ALTER TABLE [dbo].[FoodIndicator] ADD CONSTRAINT [FK_FoodIndicator_Indicator]
FOREIGN KEY ([IndicatorID]) REFERENCES [dbo].[Indicator] ([ID])
GO
EXEC sp_addextendedproperty N'MS_Description', N'Table with the food indicators per
food product.
For the new eco-innovative seafood solutions the table contains the score per
indicator based on the parameter score. ', 'SCHEMA', N'dbo', 'TABLE', N'Food-
Indicator', NULL, NULL
GO
```

Uses

[dbo].[Food]
[dbo].[Indicator]

[dbo].[FoodParameter]

MS_Description

Table with the food parameters per food product.

For the new eco-innovative seafood solutions the table contains the quantity and the score per parameter based on the analysed samples.

For existing consumed seafood products the table contains the quantity per parameter based on the product label or articles. Eg. the salt (Sodium) level.

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:46:27 woensdag 4 juli 2018
Last Modified	15:13:29 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
PK_C	ID	uniqueidentifier	16	False	(newid())
FK_F	FoodID	uniqueidentifier	16	True	
FK_P	ParameterID	uniqueidentifier	16	True	
FK_AT	AcquisitionTypeID	uniqueidentifier	16	True	
	Quantity	decimal(10,2)	9	True	
FK_U	UnitID	uniqueidentifier	16	True	
FK_D	DenominatorID	uniqueidentifier	16	True	
	Score	decimal(10,2)	9	True	
	Remark	varchar(max)	max	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
PK_C	PK_FoodParameter	ID	True

Foreign Keys

Name	Columns
FK_FoodParameter_AcquisitionType	AcquisitionTypeID->[dbo].[AcquisitionType].[ID]
FK_FoodParameter_Denominator	DenominatorID->[dbo].[Denominator].[ID]

FK_FoodParameter_Food	FoodID->[dbo].[Food].[ID]
FK_FoodParameter_Parameter	ParameterID->[dbo].[Parameter].[ID]
FK_FoodParameter_Unit	UnitID->[dbo].[Unit].[ID]

SQL Script

```

CREATE TABLE [dbo].[FoodParameter]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_FoodParameter_ID] DEFAULT (newid()),
    [FoodID] [uniqueidentifier] NULL,
    [ParameterID] [uniqueidentifier] NULL,
    [AcquisitionTypeID] [uniqueidentifier] NULL,
    [Quantity] [decimal] (10, 2) NULL,
    [UnitID] [uniqueidentifier] NULL,
    [DenominatorID] [uniqueidentifier] NULL,
    [Score] [decimal] (10, 2) NULL,
    [Remark] [varchar] (max) COLLATE Latin1_General_CI_AS NULL,
    [GcRecord] [bit] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[FoodParameter] ADD CONSTRAINT [PK_FoodParameter] PRIMARY KEY
CLUSTERED ([ID]) ON [PRIMARY]
GO
ALTER TABLE [dbo].[FoodParameter] ADD CONSTRAINT [FK_FoodParameter_AcquisitionType]
FOREIGN KEY ([AcquisitionTypeID]) REFERENCES [dbo].[AcquisitionType] ([ID])
GO
ALTER TABLE [dbo].[FoodParameter] ADD CONSTRAINT [FK_FoodParameter_Denominator]
FOREIGN KEY ([DenominatorID]) REFERENCES [dbo].[Denominator] ([ID])
GO
ALTER TABLE [dbo].[FoodParameter] ADD CONSTRAINT [FK_FoodParameter_Food] FOREIGN KEY
([FoodID]) REFERENCES [dbo].[Food] ([ID])
GO
ALTER TABLE [dbo].[FoodParameter] ADD CONSTRAINT [FK_FoodParameter_Parameter]
FOREIGN KEY ([ParameterID]) REFERENCES [dbo].[Parameter] ([ID])
GO
ALTER TABLE [dbo].[FoodParameter] ADD CONSTRAINT [FK_FoodParameter_Unit] FOREIGN KEY
([UnitID]) REFERENCES [dbo].[Unit] ([ID])
GO
EXEC sp_addextendedproperty N'MS_Description', N'Table with the food parameters per
food product.
For the new eco-innovative seafood solutions the table contains the quantity and the
score per parameter based on the analysed samples.
For existing consumed seafood products the table contains the quantity per parameter
based on the product label or articles. Eg. the salt (Sodium) level.', 'SCHEMA',
N'dbo', 'TABLE', N'FoodParameter', NULL, NULL
GO

```

Uses

[dbo].[AcquisitionType]
 [dbo].[Denominator]
 [dbo].[Food]
 [dbo].[Parameter]
 [dbo].[Unit]

[dbo].[FoodType]

MS_Description

Vocabulary with the food type data.

Eg.: innovative seafood product, consumed seafood product

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:46:36 woensdag 4 juli 2018
Last Modified	14:57:07 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
 C	ID	uniqueidentifier	16	False	(newid())
	Code	varchar(25)	25	True	
	Name	varchar(250)	250	True	
	EndDate	date	3	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
 C	PK_FoodType	ID	True

SQL Script

```

CREATE TABLE [dbo].[FoodType]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_FoodType_ID] DEFAULT (newid()),
    [Code] [varchar] (25) COLLATE Latin1_General_CI_AS NULL,
    [Name] [varchar] (250) COLLATE Latin1_General_CI_AS NULL,
    [EndDate] [date] NULL,
    [GcRecord] [bit] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[FoodType] ADD CONSTRAINT [PK_FoodType] PRIMARY KEY CLUSTERED
([ID]) ON [PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Vocabulary with the food type
data.'

```

```
Eg.: innovative seafood product, consumed seafood product', 'SCHEMA', N'dbo',
'TABLE', N'FoodType', NULL, NULL
GO
```

Used By

[dbo].[Food]

[dbo].[Indicator]

MS_Description

Controlled vocabulary with indicators. An indicator is an instrument for specifying the level of a group of food parameters.

In addition to the general properties this table also contains some threshold values and the weight per indicator that will be applied for the calculation of the score.

E.g.: Composition, Chemical, Quality Microbial, Quality Nutritionional, Quality Sensory , Processing, Environmental, Varia

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:46:45 woensdag 4 juli 2018
Last Modified	14:54:23 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
	ID	uniqueidentifier	16	False	(newid())
	ParentID	uniqueidentifier	16	True	
	Code	varchar(25)	25	True	
	Name	varchar(250)	250	True	
	ColorCode	varchar(10)	10	True	
	Rank	int	4	True	
	ThresholdLow	decimal(10,2)	9	True	
	ThresholdMedium	decimal(10,2)	9	True	
	ThresholdHigh	decimal(10,2)	9	True	
	ScoringWeight	decimal(10,2)	9	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
	PK_Indicator	ID	True

Foreign Keys

Name	Columns
FK_Indicator_Indicator	ParentID->[dbo].[Indicator].[ID]

SQL Script

```
CREATE TABLE [dbo].[Indicator]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_Indicator_ID] DEFAULT (newid()),
    [ParentID] [uniqueidentifier] NULL,
    [Code] [varchar] (25) COLLATE Latin1_General_CI_AS NULL,
    [Name] [varchar] (250) COLLATE Latin1_General_CI_AS NULL,
    [ColorCode] [varchar] (10) COLLATE Latin1_General_CI_AS NULL,
    [Rank] [int] NULL,
    [ThresholdLow] [decimal] (10, 2) NULL,
    [ThresholdMedium] [decimal] (10, 2) NULL,
    [ThresholdHigh] [decimal] (10, 2) NULL,
    [ScoringWeight] [decimal] (10, 2) NULL,
    [GcRecord] [bit] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[Indicator] ADD CONSTRAINT [PK_Indicator] PRIMARY KEY CLUSTERED
([ID]) ON [PRIMARY]
GO
ALTER TABLE [dbo].[Indicator] ADD CONSTRAINT [FK_Indicator_Indicator] FOREIGN KEY
([ParentID]) REFERENCES [dbo].[Indicator] ([ID])
GO
EXEC sp_addextendedproperty N'MS_Description', N'Controlled vocabulary with
indicators. An indicator is an instrument for specifying the level of a group of
food parameters.
In addition to the general properties this table also contains some threshold values
and the weight per indicator that will be applied for the calculation of the score.

E.g.: Composition, Chemical, Quality Microbial, Quality Nutritionional, Quality
Sensory , Processing, Environmental, Varia', 'SCHEMA', N'dbo', 'TABLE',
N'Indicator', NULL, NULL
GO
```

Used By

[dbo].[FoodIndicator]
[dbo].[Parameter]

[dbo].[LangualDescriptor]

MS_Description

Table with the Langual™ Food Description Thesaurus. The thesaurus provides a standardised language for describing foods, specifically for classifying food products for information retrieval.

<http://www.langual.org/>

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:46:53 woensdag 4 juli 2018
Last Modified	15:06:21 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
PK	ID	uniqueidentifier	16	False	(newid())
FK	ParentID	uniqueidentifier	16	True	
	Code	varchar(25)	25	True	
	Name	varchar(250)	250	True	
	EndDate	date	3	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
PK	PK_LangualDescriptor	ID	True

Foreign Keys

Name	Columns
FK_LangualDescriptor_LangualDescriptor	ParentID->[dbo].[LangualDescriptor].[ID]

SQL Script

```
CREATE TABLE [dbo].[LangualDescriptor]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_LangualDescriptor_ID] DEFAULT
    (newid()),
    [ParentID] [uniqueidentifier] NULL,
    [Code] [varchar] (25) COLLATE Latin1_General_CI_AS NULL,
```

```
[Name] [varchar] (250) COLLATE Latin1_General_CI_AS NULL,  
[EndDate] [date] NULL,  
[GcRecord] [bit] NULL  
) ON [PRIMARY]  
GO  
ALTER TABLE [dbo].[LangualDescriptor] ADD CONSTRAINT [PK_LangualDescriptor] PRIMARY  
KEY CLUSTERED ([ID]) ON [PRIMARY]  
GO  
ALTER TABLE [dbo].[LangualDescriptor] ADD CONSTRAINT [FK_LangualDescriptor_Langua-  
LDescriptor] FOREIGN KEY ([ParentID]) REFERENCES [dbo].[LangualDescriptor] ([ID])  
GO  
EXEC sp_addextendedproperty N'MS_Description', N'Table with the Langual™ Food  
Description Thesaurus. The thesaurus provides a standardised language for describing  
foods, specifically for classifying food products for information retrieval.  
http://www.langual.org/', 'SCHEMA', N'dbo', 'TABLE', N'LangualDescriptor', NULL,  
NULL  
GO
```

Used By

[dbo].[FoodDescriptor]
[dbo].[SampleDescriptor]

[dbo].[Parameter]

MS_Description

Controlled vocabulary with descriptors (identifiers) that are used to identify the component or physico-chemical property to which the reported value relates. It is organised into a hierarchy.

In addition to the general properties this table also contains the weight per parameter that will be applied for the calculation of the score.

<http://thesaurus.eurofir.org/Tree.asp?thesaurusId=37>

Eg.:

Salmonella

DNA

Listeria

Total plate count

SAT, MUFA, PUFA, n-3 -DHA,

A, B1, B6, B9, B12, D, E

Mg, Mn, Fe, I, Ca, Cu, Zn, Se, Na, K, P, Taste

Smell

...

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:47:01 woensdag 4 juli 2018
Last Modified	15:01:47 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
PK	ID	uniqueidentifier	16	False	(newid())
FK	ParentID	uniqueidentifier	16	True	
FK	IndicatorID	uniqueidentifier	16	True	
	Code	varchar(25)	25	True	
	Name	varchar(250)	250	True	
	UnitID	uniqueidentifier	16	True	
FK	ScoringCategoryID	uniqueidentifier	16	True	
	ScoringWeight	decimal(10,2)	9	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique

 PK_C	PK_Parameter	ID	True
--	--------------	----	------

Foreign Keys

Name	Columns
FK_Parameter_Indicator	IndicatorID->[dbo].[Indicator].[ID]
FK_Parameter_Parameter	ParentID->[dbo].[Parameter].[ID]
FK_Parameter_ScoringCategory	ScoringCategoryID->[dbo].[ScoringCategory].[ID]

SQL Script

```

CREATE TABLE [dbo].[Parameter]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_Parameter_ID] DEFAULT (newid()),
    [ParentID] [uniqueidentifier] NULL,
    [IndicatorID] [uniqueidentifier] NULL,
    [Code] [varchar] (25) COLLATE Latin1_General_CI_AS NULL,
    [Name] [varchar] (250) COLLATE Latin1_General_CI_AS NULL,
    [UnitID] [uniqueidentifier] NULL,
    [ScoringCategoryID] [uniqueidentifier] NULL,
    [ScoringWeight] [decimal] (10, 2) NULL,
    [GcRecord] [bit] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[Parameter] ADD CONSTRAINT [PK_Parameter] PRIMARY KEY CLUSTERED
([ID]) ON [PRIMARY]
GO
ALTER TABLE [dbo].[Parameter] ADD CONSTRAINT [FK_Parameter_Indicator] FOREIGN KEY
([IndicatorID]) REFERENCES [dbo].[Indicator] ([ID])
GO
ALTER TABLE [dbo].[Parameter] ADD CONSTRAINT [FK_Parameter_Parameter] FOREIGN KEY
([ParentID]) REFERENCES [dbo].[Parameter] ([ID])
GO
ALTER TABLE [dbo].[Parameter] ADD CONSTRAINT [FK_Parameter_ScoringCategory] FOREIGN
KEY ([ScoringCategoryID]) REFERENCES [dbo].[ScoringCategory] ([ID])
GO
EXEC sp_addextendedproperty N'MS_Description', N'Controlled vocabulary with
descriptors (identifiers) that are used to identify the component or physico-
chemical property to which the reported value relates. It is organised into a
hierarchy.
In addition to the general properties this table also contains the weight per
parameter that will be applied for the calculation of the score.
http://thesaurus.eurofir.org/Tree.asp?thesaurusId=37

```

Eg.:

Salmonella
DNA
Listeria
Total plate count
SAT, MUFA, PUFA, n-3 -DHA,
A, B1, B6, B9, B12, D, E
Mg, Mn, Fe, I, Ca, Cu, Zn, Se, Na, K, P, Taste
Smell
...', 'SCHEMA', N'dbo', 'TABLE', N'Parameter', NULL, NULL
GO



Uses

[dbo].[Indicator]
[dbo].[ScoringCategory]

Used By

[dbo].[AnalysisResult]
[dbo].[FoodParameter]
[dbo].[ReferenceIntake]
[dbo].[ValueOption]

[dbo].[Partner]

MS_Description

Vocabulary with all partners of the Seafood Tomorrow project.

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:47:13 woensdag 4 juli 2018
Last Modified	15:07:02 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
	ID	uniqueidentifier	16	False	(newid())
	CountryID	uniqueidentifier	16	True	
	Code	varchar(25)	25	True	
	Name	varchar(250)	250	True	
	EndDate	date	3	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
	PK_Partner	ID	True

Foreign Keys

Name	Columns
FK_Partner_Country	CountryID->[dbo].[Country].[ID]

SQL Script

```

CREATE TABLE [dbo].[Partner]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_Partner_ID] DEFAULT (newid()),
    [CountryID] [uniqueidentifier] NULL,
    [Code] [varchar] (25) COLLATE Latin1_General_CI_AS NULL,
    [Name] [varchar] (250) COLLATE Latin1_General_CI_AS NULL,
    [EndDate] [date] NULL,
    [GcRecord] [bit] NULL
)

```

```
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[Partner] ADD CONSTRAINT [PK_Partner] PRIMARY KEY CLUSTERED
([ID]) ON [PRIMARY]
GO
ALTER TABLE [dbo].[Partner] ADD CONSTRAINT [FK_Partner_Country] FOREIGN KEY
([CountryID]) REFERENCES [dbo].[Country] ([ID])
GO
EXEC sp_addextendedproperty N'MS_Description', N'Vocabulary with all partners of the
Seafood Tomorrow project.', 'SCHEMA', 'dbo', 'TABLE', 'Partner', NULL, NULL
GO
```

Uses

[dbo].[Country]

Used By

[dbo].[Analysis]

[dbo].[Sample]

[dbo].[User]

[dbo].[Permission]

MS_Description

Table with security permissions data

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:47:24 woensdag 4 juli 2018
Last Modified	15:07:50 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
	ID	uniqueidentifier	16	False	(newid())
	Name	varchar(50)	50	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
	PK_Permission	ID	True

SQL Script

```

CREATE TABLE [dbo].[Permission]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_Permission_ID] DEFAULT (newid()),
    [Name] [varchar] (50) COLLATE Latin1_General_CI_AS NULL,
    [GcRecord] [bit] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[Permission] ADD CONSTRAINT [PK_Permission] PRIMARY KEY CLUSTERED
([ID]) ON [PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Table with security permissions data', 'SCHEMA', 'dbo', 'TABLE', 'Permission', NULL, NULL
GO

```

Used By

[dbo].[RolePermission]

[dbo].[Recommendation]

MS_Description

Vocabulary with categories used in reference levels for nutrient intakes.

E.g.

ADI: Allowable Daily Intake,

MRL: max residu level,

DAI: Daily Adequate Intake,

...

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:47:33 woensdag 4 juli 2018
Last Modified	14:59:40 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
PK_C	ID	uniqueidentifier	16	False	(newid())
	Code	varchar(25)	25	True	
	Name	varchar(250)	250	True	
	EndDate	date	3	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
PK_C	PK_Recommendation	ID	True

SQL Script

```
CREATE TABLE [dbo].[Recommendation]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_Recommendation_ID] DEFAULT
    (newid()),
    [Code] [varchar] (25) COLLATE Latin1_General_CI_AS NULL,
    [Name] [varchar] (250) COLLATE Latin1_General_CI_AS NULL,
    [EndDate] [date] NULL,
    [GcRecord] [bit] NULL
) ON [PRIMARY]
GO
```

```
ALTER TABLE [dbo].[Recommendation] ADD CONSTRAINT [PK_Recommendation] PRIMARY KEY  
CLUSTERED ([ID]) ON [PRIMARY]  
GO  
EXEC sp_addextendedproperty N'MS_Description', N'Vocabulary with categories used in  
reference levels for nutrient intakes.  
  
E.g.  
ADI: Allowable Daily Intake,  
MRL: max residual level,  
DAI: Daily Adequate Intake,  
...', 'SCHEMA', N'dbo', 'TABLE', N'Recommendation', NULL, NULL  
GO
```

Used By

[dbo].[ReferenceIntake]

[dbo].[ReferenceIntake]

MS_Description

Table with a set of reference values per target group, used to plan and assess nutrient intakes of healthy people.

Eg. recommended daily protein intake for adults.

Properties

Property	Value
Row Count (~)	0
Created	14:47:41 woensdag 4 juli 2018
Last Modified	15:14:03 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
PK_C	ID	uniqueidentifier	16	False	(newid())
FK_P	ParameterID	uniqueidentifier	16	True	
FK_T	TargetGroupID	uniqueidentifier	16	True	
FK_R	RecommendationID	uniqueidentifier	16	True	
	Quantity	decimal(10,2)	9	True	
FK_U	UnitID	uniqueidentifier	16	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
PK_C	PK_ReferenceIntake	ID	True

Foreign Keys

Name	Columns
FK_ReferenceIntake_Parameter	ParameterID->[dbo].[Parameter].[ID]
FK_ReferenceIntake_Recommendation	RecommendationID->[dbo].[Recommendation].[ID]
FK_ReferenceIntake_TargetGroup	TargetGroupID->[dbo].[TargetGroup].[ID]
FK_ReferenceIntake_Unit	UnitID->[dbo].[Unit].[ID]

SQL Script

```
CREATE TABLE [dbo]. [ReferenceIntake]
```

```
(  
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_ReferenceIntake_ID] DEFAULT  
    (newid()),  
    [ParameterID] [uniqueidentifier] NULL,  
    [TargetGroupID] [uniqueidentifier] NULL,  
    [RecommendationID] [uniqueidentifier] NULL,  
    [Quantity] [decimal] (10, 2) NULL,  
    [UnitID] [uniqueidentifier] NULL,  
    [GcRecord] [bit] NULL  
) ON [PRIMARY]  
GO  
ALTER TABLE [dbo].[ReferenceIntake] ADD CONSTRAINT [PK_ReferenceIntake] PRIMARY KEY  
CLUSTERED ([ID]) ON [PRIMARY]  
GO  
ALTER TABLE [dbo].[ReferenceIntake] ADD CONSTRAINT [FK_ReferenceIntake_Parameter]  
FOREIGN KEY ([ParameterID]) REFERENCES [dbo].[Parameter] ([ID])  
GO  
ALTER TABLE [dbo].[ReferenceIntake] ADD CONSTRAINT [FK_ReferenceIntake_Recommendation]  
FOREIGN KEY ([RecommendationID]) REFERENCES [dbo].[Recommendation] ([ID])  
GO  
ALTER TABLE [dbo].[ReferenceIntake] ADD CONSTRAINT [FK_ReferenceIntake_TargetGroup]  
FOREIGN KEY ([TargetGroupID]) REFERENCES [dbo].[TargetGroup] ([ID])  
GO  
ALTER TABLE [dbo].[ReferenceIntake] ADD CONSTRAINT [FK_ReferenceIntake_Unit] FOREIGN  
KEY ([UnitID]) REFERENCES [dbo].[Unit] ([ID])  
GO  
EXEC sp_addextendedproperty N'MS_Description', N'Table with a set of reference  
values per target group, used to plan and assess nutrient intakes of healthy  
people.  
  
Eg. recommended daily protein intake for adults.', 'SCHEMA', N'dbo', 'TABLE',  
N'ReferenceIntake', NULL, NULL  
GO
```

Uses

[dbo].[Parameter]
[dbo].[Recommendation]
[dbo].[TargetGroup]
[dbo].[Unit]

[dbo].[Role]

MS_Description

Table with security role data

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:47:55 woensdag 4 juli 2018
Last Modified	15:07:50 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
	ID	uniqueidentifier	16	False	(newid())
	Name	varchar(50)	50	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
	PK_Role	ID	True

SQL Script

```

CREATE TABLE [dbo].[Role]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_Role_ID] DEFAULT (newid()),
    [Name] [varchar] (50) COLLATE Latin1_General_CI_AS NULL,
    [GcRecord] [bit] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[Role] ADD CONSTRAINT [PK_Role] PRIMARY KEY CLUSTERED ([ID]) ON
[PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Table with security role data',
'SCHEMA', N'dbo', 'TABLE', N'Role', NULL, NULL
GO

```

Used By

[dbo].[RolePermission]

[dbo].[User]

[dbo].[RolePermission]

MS_Description

Table with security role-permissions mapping data

Properties

Property	Value
Row Count (~)	0
Created	14:48:06 woensdag 4 juli 2018
Last Modified	15:07:50 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
	ID	uniqueidentifier	16	False	(newid())
	RoleID	uniqueidentifier	16	True	
	PermissionID	uniqueidentifier	16	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
	PK_RolePermission	ID	True

Foreign Keys

Name	Columns
FK_RolePermission_Permission	PermissionID->[dbo].[Permission].[ID]
FK_RolePermission_Role	RoleID->[dbo].[Role].[ID]

SQL Script

```

CREATE TABLE [dbo].[RolePermission]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_RolePermission_ID] DEFAULT
    (newid()),
    [RoleID] [uniqueidentifier] NULL,
    [PermissionID] [uniqueidentifier] NULL,
    [GcRecord] [bit] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[RolePermission] ADD CONSTRAINT [PK_RolePermission] PRIMARY KEY

```

```
CLUSTERED ([ID]) ON [PRIMARY]
GO
ALTER TABLE [dbo].[RolePermission] ADD CONSTRAINT [FK_RolePermission_Permission]
FOREIGN KEY ([PermissionID]) REFERENCES [dbo].[Permission] ([ID])
GO
ALTER TABLE [dbo].[RolePermission] ADD CONSTRAINT [FK_RolePermission_Role] FOREIGN
KEY ([RoleID]) REFERENCES [dbo].[Role] ([ID])
GO
EXEC sp_addextendedproperty N'MS_Description', N'Table with security role-
permissions mapping data', 'SCHEMA', 'dbo', 'TABLE', N'RolePermission', NULL, NULL
GO
```

Uses

[dbo].[Permission]
[dbo].[Role]

[dbo].[Sample]

MS_Description

Table with samples of innovative seafood products.

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:48:14 woensdag 4 juli 2018
Last Modified	15:05:51 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
PK_C	ID	uniqueidentifier	16	False	(newid())
FK_F	FoodID	uniqueidentifier	16	True	
	Code	varchar(250)	250	True	
FK_P	SamplingPartnerID	uniqueidentifier	16	True	
	Date	datetime	8	True	
	Remark	varchar(max)	max	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
PK_C	PK_Sample	ID	True

Foreign Keys

Name	Columns
FK_Sample_Food	FoodID->[dbo].[Food].[ID]
FK_Sample_Partner	SamplingPartnerID->[dbo].[Partner].[ID]

SQL Script

```
CREATE TABLE [dbo].[Sample]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_Sample_ID] DEFAULT (newid()),
    [FoodID] [uniqueidentifier] NULL,
```

```
[Code] [varchar] (250) COLLATE Latin1_General_CI_AS NULL,
[SamplingPartnerID] [uniqueidentifier] NULL,
[Date] [datetime] NULL,
[Remark] [varchar] (max) COLLATE Latin1_General_CI_AS NULL,
[GcRecord] [bit] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[Sample] ADD CONSTRAINT [PK_Sample] PRIMARY KEY CLUSTERED ([ID])
ON [PRIMARY]
GO
ALTER TABLE [dbo].[Sample] ADD CONSTRAINT [FK_Sample_Food] FOREIGN KEY ([FoodID])
REFERENCES [dbo].[Food] ([ID])
GO
ALTER TABLE [dbo].[Sample] ADD CONSTRAINT [FK_Sample_Partner] FOREIGN KEY ([Sampling-
PartnerID]) REFERENCES [dbo].[Partner] ([ID])
GO
EXEC sp_addextendedproperty N'MS_Description', N'Table with samples of innovative
seafood products.', 'SCHEMA', 'dbo', 'TABLE', N'Sample', NULL, NULL
GO
```

Uses

[dbo].[Food]
[dbo].[Partner]

Used By

[dbo].[Analysis]
[dbo].[SampleDescriptor]
[dbo].[SampleIdentifier]

[dbo].[SampleDescriptor]

MS_Description

Description of various aspects of samples. Each aspect is described by selection from a set of food descriptors.

Properties

Property	Value
Row Count (~)	0
Created	14:48:23 woensdag 4 juli 2018
Last Modified	15:05:51 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
PK	ID	uniqueidentifier	16	False	(newid())
FK	SampleID	uniqueidentifier	16	True	
FK	LangualDescriptorID	uniqueidentifier	16	True	

Indexes

Key	Name	Key Columns	Unique
PK	PK_SampleDescriptor	ID	True

Foreign Keys

Name	Columns
FK_SampleDescriptor_LangualDescriptor	LangualDescriptorID->[dbo].[LangualDescriptor].[ID]
FK_SampleDescriptor_Sample	SampleID->[dbo].[Sample].[ID]

SQL Script

```
CREATE TABLE [dbo].[SampleDescriptor]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_SampleDescriptor_ID] DEFAULT (newid()),
    [SampleID] [uniqueidentifier] NULL,
    [LangualDescriptorID] [uniqueidentifier] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[SampleDescriptor] ADD CONSTRAINT [PK_SampleDescriptor] PRIMARY
KEY CLUSTERED ([ID]) ON [PRIMARY]
GO
```

```
ALTER TABLE [dbo].[SampleDescriptor] ADD CONSTRAINT [FK_SampleDescriptor_LanguageDescriptor] FOREIGN KEY ([LanguageDescriptorID]) REFERENCES [dbo].[LanguageDescriptor] ([ID])
GO
ALTER TABLE [dbo].[SampleDescriptor] ADD CONSTRAINT [FK_SampleDescriptor_Sample] FOREIGN KEY ([SampleID]) REFERENCES [dbo].[Sample] ([ID])
GO
EXEC sp_addextendedproperty N'MS_Description', N'Description of various aspects of samples. Each aspect is described by selection from a set of food descriptors.', 'SCHEMA', 'dbo', 'TABLE', 'SampleDescriptor', NULL, NULL
GO
```

Uses

[dbo].[LanguageDescriptor]
[dbo].[Sample]

[dbo].[SampleIdentifier]

MS_Description

Systematic method to assign each sample an identifier. Each aspect is described by selection from a set of food identifiers.

Properties

Property	Value
Row Count (~)	0
Created	14:48:30 woensdag 4 juli 2018
Last Modified	15:05:17 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
PK	ID	uniqueidentifier	16	False	(newid())
FK	SampleID	uniqueidentifier	16	True	
FK	FoodEx2ClassificationID	uniqueidentifier	16	True	

Indexes

Key	Name	Key Columns	Unique
PK	PK_SampleIdentifier	ID	True

Foreign Keys

Name	Columns
FK_SampleIdentifier_FoodEx2Classification	FoodEx2ClassificationID->[dbo].[FoodEx2Classification].[ID]
FK_SampleIdentifier_Sample	SampleID->[dbo].[Sample].[ID]

SQL Script

```
CREATE TABLE [dbo].[SampleIdentifier]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_SampleIdentifier_ID] DEFAULT
    (newid()),
    [SampleID] [uniqueidentifier] NULL,
    [FoodEx2ClassificationID] [uniqueidentifier] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[SampleIdentifier] ADD CONSTRAINT [PK_SampleIdentifier] PRIMARY
KEY CLUSTERED ([ID]) ON [PRIMARY]
```

```
GO
ALTER TABLE [dbo].[SampleIdentifier] ADD CONSTRAINT [FK_SampleIdentifier_Food-
Ex2Classification] FOREIGN KEY ([FoodEx2ClassificationID]) REFERENCES [dbo].[Food-
Ex2Classification] ([ID])
GO
ALTER TABLE [dbo].[SampleIdentifier] ADD CONSTRAINT [FK_SampleIdentifier_Sample]
FOREIGN KEY ([SampleID]) REFERENCES [dbo].[Sample] ([ID])
GO
EXEC sp_addextendedproperty N'MS_Description', N'Systematic method to assign each
sample an identifier. Each aspect is described by selection from a set of food
identifiers.', 'SCHEMA', 'dbo', 'TABLE', N'SampleIdentifier', NULL, NULL
GO
```

Uses

[dbo].[FoodEx2Classification]
[dbo].[Sample]

[dbo].[ScoringCategory]

MS_Description

Vocabulary with different kinds of scoring categories.

E.g.:

- + : positive
- : negative
- +/-: neutral

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:48:38 woensdag 4 juli 2018
Last Modified	14:53:23 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
	ID	uniqueidentifier	16	False	(newid())
	Code	varchar(25)	25	True	
	Name	varchar(250)	250	True	
	EndDate	date	3	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
	PK_ScoringCategory	ID	True

SQL Script

```

CREATE TABLE [dbo].[ScoringCategory]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_ScoringCategory_ID] DEFAULT (newid()),
    [Code] [varchar] (25) COLLATE Latin1_General_CI_AS NULL,
    [Name] [varchar] (250) COLLATE Latin1_General_CI_AS NULL,
    [EndDate] [date] NULL,
    [GcRecord] [bit] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[ScoringCategory] ADD CONSTRAINT [PK_ScoringCategory] PRIMARY KEY CLUSTERED ([ID]) ON [PRIMARY]

```

```
GO
EXEC sp_addextendedproperty N'MS_Description', N'Vocabulary with different kinds of
scoring categories.

E.g.:
+ : positive
- : negative
+/-: neutral', 'SCHEMA', N'dbo', 'TABLE', N'ScoringCategory', NULL, NULL
GO
```

Used By

[dbo].[Parameter]

[dbo].[TargetGroup]

MS_Description

Vocabulary with target group data.

E.g.:

youth, senior, pregnant women, adults, adults (male), adults (female), ...

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:48:47 woensdag 4 juli 2018
Last Modified	14:59:40 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
	ID	uniqueidentifier	16	False	(newid())
	Code	varchar(25)	25	True	
	Name	varchar(250)	250	True	
	EndDate	date	3	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
	PK_TargetGroup	ID	True

SQL Script

```

CREATE TABLE [dbo].[TargetGroup]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_TargetGroup_ID] DEFAULT (newid()),
    [Code] [varchar] (25) COLLATE Latin1_General_CI_AS NULL,
    [Name] [varchar] (250) COLLATE Latin1_General_CI_AS NULL,
    [EndDate] [date] NULL,
    [GcRecord] [bit] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[TargetGroup] ADD CONSTRAINT [PK_TargetGroup] PRIMARY KEY
CLUSTERED ([ID]) ON [PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Vocabulary with target group data.

```

E.g.:

```
youth, senior, pregnant women, adults, adults (male), adults (female), ...', 'SCHEMA',
N'dbo', 'TABLE', N'TargetGroup', NULL, NULL
GO
```

Used By

[dbo].[Food]

[dbo].[ReferenceIntake]

[dbo].[Unit]

MS_Description

Controlled vocabulary with the EuroFir Unit Thesaurus
<http://ethesaurus.eurofir.org/Tree.asp?thesaurusId=65>

E.g.:

alpha-tocopherol equivalent [ATE]
 beta-carotene equivalent [BCE]
 degrees Brix [BX]
 gram [g]
 kilocalorie [kcal]
 kilogram [kg]
 kilojoule [kJ]
 litre [l]
 microgram [ug]
 microlitre [ul]
 milligram [mg]
 millilitre [ml]
 millimole [mmol]
 monosaccharide equivalent [MSE]
 nanogram [ng]
 niacin equivalent [NE]
 per cent [PCT]
 ratio [R]
 retinol equivalent [RE]

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:48:55 woensdag 4 juli 2018
Last Modified	15:14:43 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
 C	ID	uniqueidentifier	16	False	(newid())
	Code	varchar(25)	25	True	
	Name	varchar(255)	255	True	
	EndDate	date	3	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
-----	------	-------------	--------

	PK_Unit	ID	True
---	---------	----	------

SQL Script

```

CREATE TABLE [dbo].[Unit]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_Unit_ID] DEFAULT (newid()),
    [Code] [varchar] (25) COLLATE Latin1_General_CI_AS NULL,
    [Name] [varchar] (255) COLLATE Latin1_General_CI_AS NULL,
    [EndDate] [date] NULL,
    [GcRecord] [bit] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[Unit] ADD CONSTRAINT [PK_Unit] PRIMARY KEY CLUSTERED ([ID]) ON
[PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Controlled vocabulary with the Euro-
Fir Unit Thesaurus
http://thesaurus.eurofir.org/Tree.asp?thesaurusId=65

E.g.:
alpha-tocopherol equivalent [ATE]
beta-carotene equivalent [BCE]
degrees Brix [BX]
gram [g]
kilocalorie [kcal]
kilogram [kg]
kilojoule [kJ]
litre [l]
microgram [ug]
microlitre [ul]
milligram [mg]
millilitre [ml]
millimole [mmol]
monosaccharide equivalent [MSE]
nanogram [ng]
niacin equivalent [NE]
per cent [PCT]
ratio [R]
retinol equivalent [RE]', 'SCHEMA', N'dbo', 'TABLE', N'Unit', NULL, NULL
GO

```

Used By

[dbo].[AnalysisResult]
 [dbo].[FoodParameter]
 [dbo].[ReferenceIntake]

[dbo].[User]

MS_Description

Table with security user data

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:49:05 woensdag 4 juli 2018
Last Modified	15:07:02 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
PK	ID	uniqueidentifier	16	False	(newid())
FK	PartnerID	uniqueidentifier	16	True	
FK	RoleID	uniqueidentifier	16	True	
	FirstName	varchar(50)	50	True	
	LastName	varchar(50)	50	True	
	Email	varchar(50)	50	True	
	Username	varchar(50)	50	True	
	Password	varchar(50)	50	True	
	EndDate	date	3	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
PK	PK_User	ID	True

Foreign Keys

Name	Columns
FK_User_Partner	PartnerID->[dbo].[Partner].[ID]
FK_User_Role	RoleID->[dbo].[Role].[ID]

SQL Script

```
CREATE TABLE [dbo].[User]
```

```
(  
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_User_ID] DEFAULT (newid()),  
    [PartnerID] [uniqueidentifier] NULL,  
    [RoleID] [uniqueidentifier] NULL,  
    [FirstName] [varchar] (50) COLLATE Latin1_General_CI_AS NULL,  
    [LastName] [varchar] (50) COLLATE Latin1_General_CI_AS NULL,  
    [Email] [varchar] (50) COLLATE Latin1_General_CI_AS NULL,  
    [Username] [varchar] (50) COLLATE Latin1_General_CI_AS NULL,  
    [Password] [varchar] (50) COLLATE Latin1_General_CI_AS NULL,  
    [EndDate] [date] NULL,  
    [GcRecord] [bit] NULL  
) ON [PRIMARY]  
GO  
ALTER TABLE [dbo].[User] ADD CONSTRAINT [PK_User] PRIMARY KEY CLUSTERED ([ID]) ON  
[PRIMARY]  
GO  
ALTER TABLE [dbo].[User] ADD CONSTRAINT [FK_User_Partner] FOREIGN KEY ([PartnerID])  
REFERENCES [dbo].[Partner] ([ID])  
GO  
ALTER TABLE [dbo].[User] ADD CONSTRAINT [FK_User_Role] FOREIGN KEY ([RoleID])  
REFERENCES [dbo].[Role] ([ID])  
GO  
EXEC sp_addextendedproperty N'MS_Description', N'Table with security user data',  
'SCHEMA', N'dbo', 'TABLE', N'User', NULL, NULL  
GO
```

Uses

[dbo].[Partner]
[dbo].[Role]

[dbo].[ValueOption]

MS_Description

Vocabulary with the possible result values for the measurement of a specific parameter.

E.g.: yes/no/unkown

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:49:14 woensdag 4 juli 2018
Last Modified	15:01:47 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
PK	ID	uniqueidentifier	16	False	(newid())
FK	ParameterID	uniqueidentifier	16	True	
	Code	varchar(25)	25	True	
	Name	varchar(250)	250	True	
	EndDate	date	3	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
PK	PK_ValueOption	ID	True

Foreign Keys

Name	Columns
FK_ValueOption_Parameter	ParameterID->[dbo].[Parameter].[ID]

SQL Script

```
CREATE TABLE [dbo].[ValueOption]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_ValueOption_ID] DEFAULT (newid()),
    [ParameterID] [uniqueidentifier] NULL,
    [Code] [varchar] (25) COLLATE Latin1_General_CI_AS NULL,
```

```
[Name] [varchar] (250) COLLATE Latin1_General_CI_AS NULL,
[EndDate] [date] NULL,
[GcRecord] [bit] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[ValueOption] ADD CONSTRAINT [PK_ValueOption] PRIMARY KEY
CLUSTERED ([ID]) ON [PRIMARY]
GO
ALTER TABLE [dbo].[ValueOption] ADD CONSTRAINT [FK_ValueOption_Parameter] FOREIGN
KEY ([ParameterID]) REFERENCES [dbo].[Parameter] ([ID])
GO
EXEC sp_addextendedproperty N'MS_Description', N'Vocabulary with the possible result
values for the measurement of a specific parameter.

E.g.: yes/no/unkown', 'SCHEMA', N'dbo', 'TABLE', N'ValueOption', NULL, NULL
GO
```

Uses

[dbo].[Parameter]

Used By

[dbo].[AnalysisResult]

[dbo].[ValueType]

MS_Description

Controlled vocabulary with the EuroFIR value type data of a measurement.

<http://thesaurus.eurofir.org/Tree.asp?thesaurusId=66>

E.g.:

- as reported [AR]
- average [AV]
- below limits of detection or quantification [BLX]
- below limit of detection [BL]
- below limit of quantification [BQ]
- best estimate [BE]
- less than [LT]
- logical zero [LZ]
- maximum [MX]
- mean [MN]
- median [MD]
- minimum [MI]
- more than [MT]
- not processed [NP]
- other value type [E]
- trace [TR]
- undecidable [UD]
- unknown [N]
- value type not known [X]
- weighted [W]

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:49:24 woensdag 4 juli 2018
Last Modified	15:01:05 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
	ID	uniqueidentifier	16	False	(newid())
	Code	varchar(25)	25	True	
	Name	varchar(250)	250	True	
	EndDate	date	3	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
 C	PK_ValueType	ID	True

SQL Script

```

CREATE TABLE [dbo].[ValueType]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_ValueType_ID] DEFAULT (newid()),
    [Code] [varchar] (25) COLLATE Latin1_General_CI_AS NULL,
    [Name] [varchar] (250) COLLATE Latin1_General_CI_AS NULL,
    [EndDate] [date] NULL,
    [GcRecord] [bit] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[ValueType] ADD CONSTRAINT [PK_ValueType] PRIMARY KEY CLUSTERED
([ID]) ON [PRIMARY]
GO
EXEC sp_addextendedproperty N'MS_Description', N'Controlled vocabulary with the Euro-
FIR value type data of a measurement.
http://thesaurus.eurofir.org/Tree.asp?thesaurusId=66

```

E.g.:

```

as reported [AR]
average [AV]
below limits of detection or quantification [BLX]
below limit of detection [BL]
below limit of quantification [BQ]
best estimate [BE]
less than [LT]
logical zero [LZ]
maximum [MX]
mean [MN]
median [MD]
minimum [MI]
more than [MT]
not processed [NP]
other value type [E]
trace [TR]
undecidable [UD]
unknown [N]
value type not known [X]
weighted [W]', 'SCHEMA', N'dbo', 'TABLE', N'ValueType', NULL, NULL
GO

```

Used By

[dbo].[AnalysisResult]

[dbo].[WildOrFarmedRaised]

MS_Description

Vocabulary with the raising data.

Eg.: wild, farmed

Properties

Property	Value
Collation	Latin1_General_CI_AS
Row Count (~)	0
Created	14:49:34 woensdag 4 juli 2018
Last Modified	14:57:07 woensdag 4 juli 2018

Columns

Key	Name	Data Type	Max Length (Bytes)	Allow Nulls	Default
PK	ID	uniqueidentifier	16	False	(newid())
	Code	varchar(25)	25	True	
	Name	varchar(250)	250	True	
	EndDate	date	3	True	
	GcRecord	bit	1	True	

Indexes

Key	Name	Key Columns	Unique
PK	PK_WildOrFarmedRaised	ID	True

SQL Script

```
CREATE TABLE [dbo].[WildOrFarmedRaised]
(
    [ID] [uniqueidentifier] NOT NULL CONSTRAINT [DF_WildOrFarmedRaised_ID] DEFAULT
    (newid()),
    [Code] [varchar] (25) COLLATE Latin1_General_CI_AS NULL,
    [Name] [varchar] (250) COLLATE Latin1_General_CI_AS NULL,
    [EndDate] [date] NULL,
    [GcRecord] [bit] NULL
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[WildOrFarmedRaised] ADD CONSTRAINT [PK_WildOrFarmedRaised]
PRIMARY KEY CLUSTERED ([ID]) ON [PRIMARY]
GO
```

Project > srvsq|devd1 > User databases > D1_SeaFoodTomorrow_Outcomes > Tables > dbo.WildOrFarmed-Raised

```
EXEC sp_addextendedproperty N'MS_Description', N'Vocabulary with the raising data.
```

```
Eg.: wild, farmed', 'SCHEMA', N'dbo', 'TABLE', N'WildOrFarmedRaised', NULL, NULL  
GO
```

Used By

[dbo].[Food]

Database Roles

Objects

Name
db_accessadmin
db_backupoperator
db_datareader
db_datawriter
db_ddladmin
db_denydatareader
db_denydatawriter
db_owner
db_securityadmin
public

db_accessadmin

Properties

Property	Value
Owner	dbo

db_backupoperator

Properties

Property	Value
Owner	dbo

db_datareader

Properties

Property	Value
Owner	dbo

db_datawriter

Properties

Property	Value
Owner	dbo

db_ddladmin

Properties

Property	Value
Owner	dbo

db_denydatareader

Properties

Property	Value

Owner	dbo
-------	-----

db_denydatareader

Properties

Property	Value
Owner	dbo

db_owner

Properties

Property	Value
Owner	dbo

db_securityadmin

Properties

Property	Value
Owner	dbo

public

Properties

Property	Value
Owner	dbo

Annex 3



Code	Eco-innovative solution	Target group	Producer
<input type="checkbox"/> InovSol01	Seafood product 1	pregnant women	ILVO
<input type="checkbox"/> InovSol02	Seafood product 2	youths	ILVO
<input checked="" type="checkbox"/> InovSol03	Seafood product 3	seniors	DTU
<input type="checkbox"/> InovSol04	Seafood product 4	seniors	ICETA
<input type="checkbox"/> InovSol05	Seafood product 5	pregnant women	CIIMAR
<input type="checkbox"/> InovSol06	Seafood product 6	youths	ILVO

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[create](#)
[edit](#)
[delete](#)
[sample](#)


Home > Eco-innovative solution (InovSol03) > General

General

FoodEx2

Langual

code InovSol_03

name seafood product 3

target group pregnant women

producer DTU

B **I** **U** **S** style **C** **G** **C**  

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tristique in. Phasellus pretium enim massa,

remark
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Vivamus mattis pellentesque massa, a venenatis mauris
tristique in. Phasellus pretium enim massa,

[◀ previous](#)[!\[\]\(23f50fcb68cda998bcecb1f73531557f_img.jpg\) save](#)[X close](#)[!\[\]\(27b09d7bea31305b012b7290fd60211e_img.jpg\) sample](#)[→ next](#)

≡

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General

FoodEx2

Langual

FoodEx2 Classification

<input type="checkbox"/>	Code	Name
<input type="checkbox"/>	A00ZT	Potatoes
<input type="checkbox"/>	A00ZC	Preserved tomato
<input type="checkbox"/>	A028C	Cod - murray

**Search**

<input type="checkbox"/>	Code	Name
<input type="checkbox"/>	A028C	Cod - murray
<input type="checkbox"/>	A028D	Perch - golden
<input type="checkbox"/>	A028E	Diadromous fish
<input type="checkbox"/>	A028F	Barramundi
<input type="checkbox"/>	A028G	Eels
<input type="checkbox"/>	A028H	Eel - american
<input type="checkbox"/>	A028J	Eel - australian
<input type="checkbox"/>	A028K	Eel - european
<input type="checkbox"/>	A028L	Eel - japanese
<input type="checkbox"/>	A028M	Milkfish
<input type="checkbox"/>	A028N	Nile perch
<input type="checkbox"/>	A028P	Atlantic salmon
<input type="checkbox"/>	A028Q	Pacific salmon
<input type="checkbox"/>	A028R	Cherry salmon
<input type="checkbox"/>	A028S	Chinook salmon
<input type="checkbox"/>	A028T	Chum salmon

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General

FoodEx2

Langual

Langual Descriptor

	Code	Name
<input type="checkbox"/>	A0865	SOUP (EUROFIR)
<input type="checkbox"/>	B3353	EUROPEAN FLOUNDER
<input type="checkbox"/>	B1842	ATLANTIC COD

[◀](#)
[▶](#)
Search

	Code	Name
<input type="checkbox"/>	G0004	COOKED BY DRY HEAT
<input type="checkbox"/>	G0005	BAKED OR ROASTED
<input type="checkbox"/>	G0046	BLIND BAKED
<input type="checkbox"/>	G0006	BROILED OR GRILLED
<input type="checkbox"/>	G0007	CHARCOAL BROILED
<input type="checkbox"/>	G0044	TISSERIE
<input type="checkbox"/>	G0045	SEARED
<input type="checkbox"/>	G0008	GRIDDLED
<input type="checkbox"/>	G0009	POPPED
<input type="checkbox"/>	G0010	TOasted

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Home > Eco-innovative solutions (InovSol03) > Sample

[Search](#)



Sampling partner	Code	Date
<input type="checkbox"/> ILVO	Sa01	2018/06/08
<input type="checkbox"/> ILVO	Sa02	2018/06/08
<input type="checkbox"/> ILVO	Sa03	2018/06/08
<input checked="" type="checkbox"/> ILVO	Sa04	2018/06/09
<input type="checkbox"/> ILVO	Sa05	2018/06/09

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Home > Eco-innovative solution (InovSol03) > Sample (Sa04) > General

General

FoodEx2

Langual

code

Sa04

sampling partner

ILVO

sample date

2018/06/09



remark

B I U S style ¶ C C | ☺

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tristique in. Phasellus pretium enim massa,

[◀ previous](#)[!\[\]\(e1e162171afaf581cd50d0984f45e582_img.jpg\) save](#)[✖ close](#)[!\[\]\(ab3cfded0d01767c1099712a1735a6c2_img.jpg\) analysis](#)[→ next](#)

Home > Eco-innovative solution (InovSol03) > Sample (Sa04) > Description

General

FoodEx2

Lenguel

FoodEx2 Classification



Search		Code	Name
<input type="checkbox"/>	A028C	Cod - murray	
<input type="checkbox"/>	A028D	Perch - golden	
<input type="checkbox"/>	A028E	Diadromous fish	
<input type="checkbox"/>	A028F	Barramundi	
<input type="checkbox"/>	A028G	Eels	
<input type="checkbox"/>	A028H	Eel - american	
<input type="checkbox"/>	A028J	Eel - australian	
<input type="checkbox"/>	A028K	Eel - european	
<input type="checkbox"/>	A028L	Eel - japanese	
<input type="checkbox"/>	A028M	Milkfish	
<input type="checkbox"/>	A028N	Nile perch	
<input type="checkbox"/>	A028P	Atlantic salmon	
<input type="checkbox"/>	A028Q	Pacific salmon	
<input type="checkbox"/>	A028R	Cherry salmon	
<input type="checkbox"/>	A028S	Chinook salmon	
<input type="checkbox"/>	A028T	Chum salmon	

[← previous](#)

 close

 analysis

→ next

[Home](#) > [Eco-innovative solution \(InovSol03\)](#) > [Sample \(Sa04\)](#) > [Description](#)

General

FoodEx2

Langual

Langual Descriptor

	Code	Name
<input type="checkbox"/>	B1842	ATLANTIC COD

<
>
Search
Q

	Code	Name
<input type="checkbox"/>	G0004	COOKED BY DRY HEAT
<input type="checkbox"/>	G0005	BAKED OR ROASTED
<input type="checkbox"/>	G0046	BLIND BAKED
<input type="checkbox"/>	G0006	BROILED OR GRILLED
<input type="checkbox"/>	G0007	CHARCOAL BROILED
<input type="checkbox"/>	G0044	TISSERIE
<input type="checkbox"/>	G0045	SEARED
<input type="checkbox"/>	G0008	GRIDDLED
<input type="checkbox"/>	G0009	POPPED
<input type="checkbox"/>	G0010	TOasted

[← previous](#)[✖ close](#)[◀ analysis](#)[→ next](#)

Home > Eco-innovative solution (InovSol03) > Sample (Sa04) > Analysis

 Search



Code	Laboratory	Date
<input type="checkbox"/> AM01	ILVO	2018/06/08
<input checked="" type="checkbox"/> AM02	ILVO	2018/06/08
<input type="checkbox"/> AM03	ILVO	2018/06/08
<input type="checkbox"/> AM04	ILVO	2018/06/09
<input type="checkbox"/> AM05	ILVO	2018/06/09

 create

 edit

 delete

Analysis result

Home > Eco-innovative solution (InovSol03) > Sample (Sa04) > Analysis (AM02) > General

General

code	AM02
laboratory	ILVO ▾
date	2018/06/09
method	B I U S style ▾ Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vivamus mattis pellentesque massa, a venenatis mauris tristique in. Phasellus pretium enim massa,
description	B I U S style ▾ Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vivamus mattis pellentesque massa, a venenatis mauris tristique in. Phasellus pretium enim massa,

[◀ previous](#) [save](#) [close](#)[next ➡](#)

Home > Eco-innovative solution (InovSol03) > Sample (Sa04) > Analysis (AM02) > Analysis result

Parameter	Value	Unit	Denominator	Type
<input type="checkbox"/> Proteins	19	g	per 100g dry weight	as reported
<input type="checkbox"/> Sodium	300	mg	per 100g dry weight	as reported

[!\[\]\(cd9d0704c249be5c9161bfdf10f39607_img.jpg\) create](#) [!\[\]\(caa275ecf458461ba71684a939568441_img.jpg\) edit](#) [!\[\]\(458cab547b90a3c5a3477c816d48f584_img.jpg\) delete](#)

Home > Eco-innovative solution (InovSol03) > Sample (Sa04) > Analysis (AM02) > Analysis Result > General

General

parameter	Sodium
value	300
unit	mg
denominator	per 100g dry weight
value option	
value type	as reported
remark	<p>B I U S style ☰ ☱ ☲ ☳ ☴ ☵ ☶ ☷ ☸ ☹ ☺</p> <p> Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vivamus mattis pellentesque massa, a venenatis mauris tristique in. Phasellus pretium enim massa,</p>

[◀ previous](#)[save](#)[close](#)[next ➔](#)

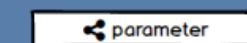
Home > Consumed Seafood

[Search](#)



Code	Consumed seafood	CountryOfOrigin	WildOrFarmed	Producer
<input type="checkbox"/> 4021621	HERRING FIL MATJES	BEL	Wild	Produc X
<input type="checkbox"/> 4021635	MACKEREL FILLETS	NED	Wild	Produc X
<input type="checkbox"/> 4021665	SMOKED HERRING FILLET	BEL	Wild	Produc Y
<input checked="" type="checkbox"/> 4021686	SMOKED MACKEREL FILLET	NED	Wild	Produc Y
<input type="checkbox"/> 4021699	SMOKED ATLANTIC SALMON FILLET	BEL	Farmed	Produc X
<input type="checkbox"/> 4021666	SOLE FILLET FRESH	FRA	Wild	Produc Z

First - 1 - 2 - ... Last





Home > Consumed Seafood (4021686) > General

General

FoodEx2

Langual

code	4021686
name	SMOKED MACKEREL FILLET
Country of Origin	BEL
Wild or farmed	wild
producer	
remark	<p>B I U S style</p> <p> Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vivamus mattis pellentesque massa, a venenatis mauris tristique in. Phasellus pretium enim massa,</p>

[← previous](#) [save](#) [close](#) [parameter](#) [next](#)

[Home](#) > [Consumed Seafood \(4021686\)](#) > [General](#)
[General](#)[FoodEx2](#)[Langual](#)**FoodEx2 Classification**

	Code	Name
<input type="checkbox"/>	A00ZT	Potatoes
<input type="checkbox"/>	A00ZC	Preserved tomato
<input type="checkbox"/>	A028C	Cod - murray

[<](#)
[>](#)
Search

	Code	Name
<input type="checkbox"/>	A028C	Cod - murray
<input type="checkbox"/>	A028D	Perch - golden
<input type="checkbox"/>	A028E	Diadromous fish
<input type="checkbox"/>	A028F	Barramundi
<input type="checkbox"/>	A028G	Eels
<input type="checkbox"/>	A028H	Eel - american
<input type="checkbox"/>	A028J	Eel - australian
<input type="checkbox"/>	A028K	Eel - european
<input type="checkbox"/>	A028L	Eel - japanese
<input type="checkbox"/>	A028M	Milkfish
<input type="checkbox"/>	A028N	Nile perch
<input type="checkbox"/>	A028P	Atlantic salmon
<input type="checkbox"/>	A028Q	Pacific salmon
<input type="checkbox"/>	A028R	Cherry salmon
<input type="checkbox"/>	A028S	Chinook salmon
<input type="checkbox"/>	A028T	Chum salmon

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 [Consumed Seafood \(4021686\)](#) >
 [General](#)

General

FoodEx2

Langual

Langual Descriptor

	Code	Name
<input type="checkbox"/>	A0865	SOUP (EUROFIR)
<input type="checkbox"/>	B3353	EUROPEAN FLOUNDER
<input type="checkbox"/>	B1842	ATLANTIC COD

Search



	Code	Name
<input type="checkbox"/>	G0004	COOKED BY DRY HEAT
<input type="checkbox"/>	G0005	BAKED OR ROASTED
<input type="checkbox"/>	G0046	BLIND BAKED
<input type="checkbox"/>	G0006	BROILED OR GRILLED
<input type="checkbox"/>	G0007	CHARCOAL BROILED
<input type="checkbox"/>	G0044	TISSERIE
<input type="checkbox"/>	G0045	SEARED
<input type="checkbox"/>	G0008	GRIDDLED
<input type="checkbox"/>	G0009	POPPED
<input type="checkbox"/>	G0010	TOASTED

Home > Consumed Seafood (4021686) > Parameter

[create](#)

 edit

 delete

Home > Consumed Seafood (4021686) > Parameter (Sodium) > General

General

name	Sodium
aquisition type	Food label, product information
quantity	300
unit	mg
denominator	per 100g dry weight
remark	<p>B I U S style E C C ☰ ☺</p> <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vivamus mattis pellentesque massa, a venenatis mauris tristique in. Phasellus pretium enim massa,</p>

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Parameter	Target group	Recommendation	Quantity	Unit
<input type="checkbox"/> Vitamin A	adults	Recommended Daily Intake	3000.0	IU
<input checked="" type="checkbox"/> Vitamin C	adults	Recommended Daily Intake	90.0	mg
<input type="checkbox"/> Vitamin D	adults	Recommended Daily Intake	200.0	IU
<input type="checkbox"/> Vitamin E	adults	Recommended Daily Intake	15.0	mg
<input type="checkbox"/> Vitamin K	adults	Recommended Daily Intake	120.0	mcg
<input type="checkbox"/> Thiamin	adults	Recommended Daily Intake	1.2	mg
<input type="checkbox"/> Riboflavin	adults	Recommended Daily Intake	1.3	mg
<input type="checkbox"/> Niacin	adults	Recommended Daily Intake	16.0	mg
<input type="checkbox"/> Vitamin B6	adults	Recommended Daily Intake	1.3	mg
<input type="checkbox"/> Folate	adults	Recommended Daily Intake	400.0	mcg
<input type="checkbox"/> Vitamin B12	adults	Recommended Daily Intake	2.4	mcg
<input type="checkbox"/> Pantothenic Acid	adults	Recommended Daily Intake	5.0	mg
<input type="checkbox"/> Biotin	adults	Recommended Daily Intake	30.0	mcg
<input type="checkbox"/> Choline	adults	Recommended Daily Intake	550.0	mg

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Home > Reference data > General

General

parameter	Vitamin C
target group	adults
recommendation	Recommended Daily Intake
quantity	90
unit	mg

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Code	Name	Score	HasAnalyses
<input type="checkbox"/> HDL	Cholesterol	60	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Coliforms	50	<input checked="" type="checkbox"/>
<input type="checkbox"/>	DNA		<input checked="" type="checkbox"/>
<input type="checkbox"/>	Enterobacteriaceae		<input type="checkbox"/>
<input type="checkbox"/>	Enterococcus		<input type="checkbox"/>
<input type="checkbox"/>	Listeria		<input checked="" type="checkbox"/>
<input type="checkbox"/>	Mould		<input type="checkbox"/>
<input type="checkbox"/> PRT	Proteins	90	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Smell		<input type="checkbox"/>
<input type="checkbox"/> Na	Sodium	80	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Taste		<input type="checkbox"/>
<input type="checkbox"/>	Texture		<input type="checkbox"/>
<input type="checkbox"/>	Total aerobic bacteria		<input type="checkbox"/>

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General
Analysis resultsparameter acquisition type quantity score remark

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General
Analysis results

Partner	Laboratory	Code	Date	Param	Result	Method	Description
ILVO	Lab x	AM01	2018/06/08	Sodium	290
IFREMER	Lab a	AM02	2018/07/08	Sodium	305
ILVO	Lab y	AM03	2018/06/08	Sodium	310
ILVO	Lab z	AM05	2018/06/09	Sodium	280

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Search



Code	Name	Score	HasParameter
<input type="checkbox"/> COM	Composition		<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> CQ	Chemical Quality	77	<input checked="" type="checkbox"/>
<input type="checkbox"/> MQ	Microbial Quality		<input checked="" type="checkbox"/>
<input type="checkbox"/> NQ	Nutritionional Quality		<input checked="" type="checkbox"/>
<input type="checkbox"/> SENS	Sensory		<input checked="" type="checkbox"/>
<input type="checkbox"/> PROC	Processing		<input checked="" type="checkbox"/>
<input type="checkbox"/> ENV	Environmental		<input checked="" type="checkbox"/>
<input type="checkbox"/> MISC	Varia		<input checked="" type="checkbox"/>

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General

Parameter scores

parameter

Chemical Quality

score

77

remark

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General
Parameter scores

Code	Parameter	Score	Remark
HDL	Cholesterol	60	...
	Coliforms	50	...
PRT	Proteins	90	...
	Sodium	80	...

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