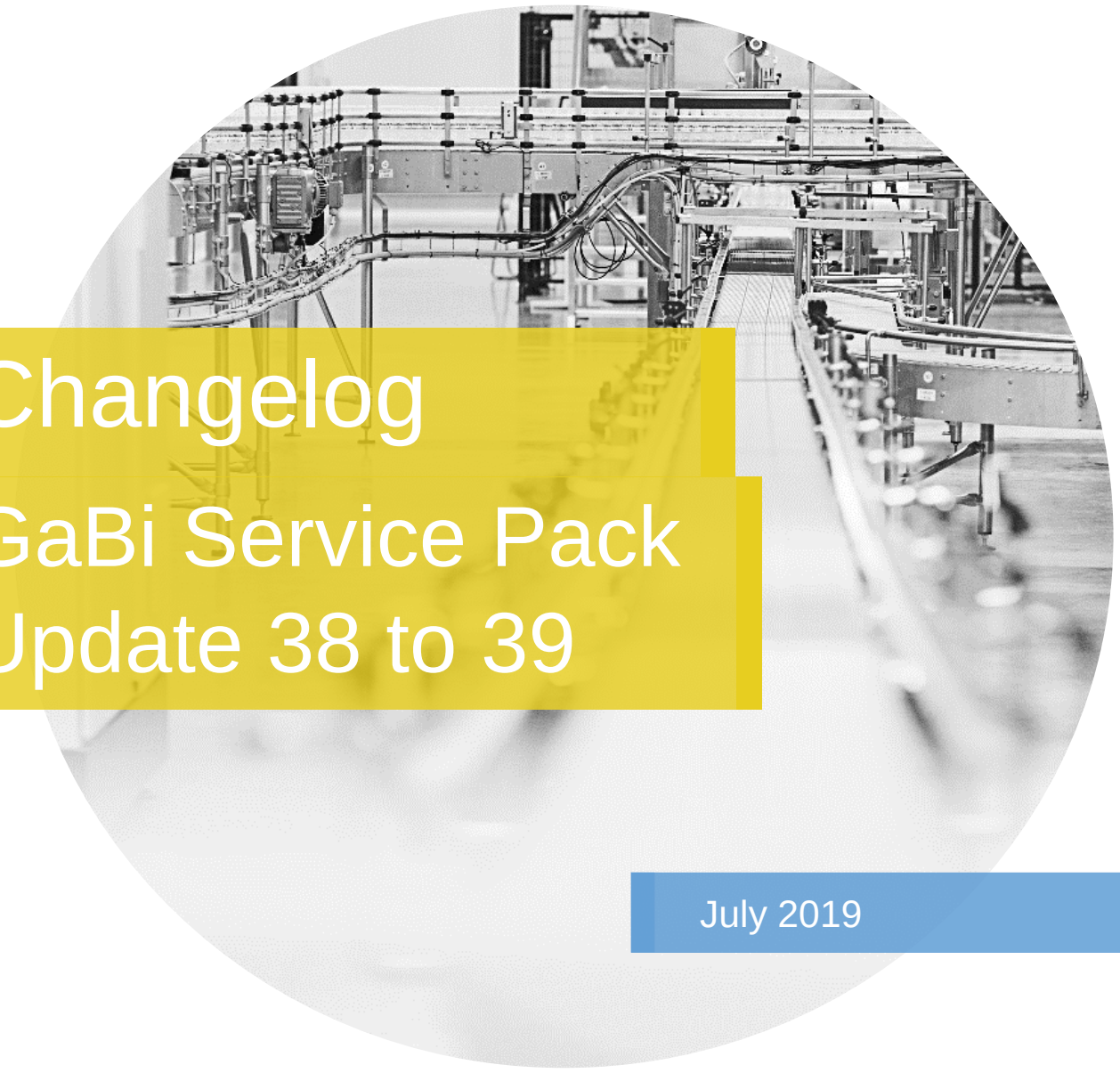
thinkstep



Changelog

GaBi Service Pack Update 38 to 39

July 2019

Contents

Introduction

GaBi Service Packs comprise a collection of updates, enhancements or fixes to the following GaBi objects: flows, quantities, units, contacts, interpretations and references/citations. This document provides detailed information on what will be changed/added/deleted with the installation of the Service Packs.

If you need further information or if special questions should arise which have not been adequately described in this document, please feel free to send an e-mail to support@gabi-software.com.

1. New environmental quantities

Folder	Quantity
EF 3.0 (Environmental Footprint 3.0)	EF 3.0 Acidification terrestrial and freshwater
	EF 3.0 Cancer human health effects
	EF 3.0 Cancer human health effects (Inorganic)
	EF 3.0 Cancer human health effects (Metal)
	EF 3.0 Cancer human health effects (Organic)
	EF 3.0 Climate Change
	EF 3.0 Climate Change (biogenic)
	EF 3.0 Climate Change (fossil)
	EF 3.0 Climate Change (land use change)
	EF 3.0 Ecotoxicity freshwater
	EF 3.0 Ecotoxicity freshwater (Inorganic)
	EF 3.0 Ecotoxicity freshwater (Metals)
	EF 3.0 Ecotoxicity freshwater (Organic)
	EF 3.0 Eutrophication freshwater
	EF 3.0 Eutrophication marine
	EF 3.0 Eutrophication terrestrial
	EF 3.0 Ionising radiation - human health
	EF 3.0 Land Use
	EF 3.0 Non-cancer human health effects
	EF 3.0 Non-cancer human health effects (Inorganic)
	EF 3.0 Non-cancer human health effects (Metals)
	EF 3.0 Non-cancer human health effects (Organic)

	EF 3.0 Ozone depletion EF 3.0 Photochemical ozone formation - human health EF 3.0 Resource use, energy carriers EF 3.0 Resource use, mineral and metals EF 3.0 Respiratory inorganics EF 3.0 Water scarcity
EN 15804 from EF3.0	EN15804 Acidification terrestrial and freshwater EN15804 Cancer human health effects EN15804 Cancer human health effects (Inorganic) EN15804 Cancer human health effects (Metal) EN15804 Cancer human health effects (Organic) EN15804 Climate Change EN15804 Climate Change (biogenic) EN15804 Climate Change (fossil) EN15804 Climate Change (land use change) EN15804 Ecotoxicity freshwater EN15804 Ecotoxicity freshwater (Inorganic) EN15804 Ecotoxicity freshwater (Metals) EN15804 Ecotoxicity freshwater (Organic) EN15804 Eutrophication freshwater EN15804 Eutrophication marine EN15804 Eutrophication terrestrial EN15804 Ionising radiation - human health EN15804 Land Use EN15804 Non-cancer human health effects EN15804 Non-cancer human health effects (Inorganic) EN15804 Non-cancer human health effects (Metals) EN15804 Non-cancer human health effects (Organic) EN15804 Ozone depletion EN15804 Photochemical ozone formation - human health EN15804 Resource use, energy carriers EN15804 Resource use, mineral and metals EN15804 Respiratory inorganics EN15804 Water scarcity

2. Updated flow to quantity conversion factors

We found some inconsistent or missing flow to quantity conversion factors which we fixed or added with GaBi Service Pack 39.

Flow Name	Quantity Name	SP36	SP37
Distillers Dried Grains with Solubles (dried mash) [Materials from renewable raw materials]	C_biogen_wt	0.26	0.449285714
Distillers Dried Grains with Solubles (dried mash) [Materials from renewable raw materials]	C_total_wt	0.26	0.449285714
1-Butoxypropanol [Group NMVOC to air]	EF 2.0 Photochemical ozone formation - human health	0.782	-
Phosphorus-pent-oxide [Inorganic emissions to fresh water]	EN15804 - Eutrophication potential (EP)	1.34	-
Ether (unspec.) [Group NMVOC to air]	EN15804 - Photochemical Ozone Creation Potential (POCP)	-	0.445
Diesel consumption in construction machine [Others]	Energy (net calorific value)	43	43.1
Kerosene [Refinery products]	Energy (net calorific value)	43	44.1
Processed water to river [Other emissions to fresh water]	Standard volume	-	0.001

3. Renaming of flows

We found some inconsistent naming which were corrected.

Renamed flows

Servicepack 38	**Servicepack 39**
Acetone (dimethylcetone)	Acetone (dimethyl ketone)
Compressed air	Compressed air, 10 bar, low efficiency
Compressed air	Compressed air, 14 bar, high efficiency
Compressed air	Compressed air, 14 bar, low efficiency
Compressed air	Compressed air, 7 bar, low efficiency
Compressed air	Compressed air, 7 bar, high efficiency
Compressed air 10 bar	Compressed air, 10 bar, average efficiency
Compressed air 14 bar	Compressed air, 14 bar, average efficiency
Compressed air 6 bar	Compressed air, 6 bar, average efficiency
Compressed air 7 bar	Compressed air, 7 bar, average efficiency
Ferro-Niob	Ferro-Niobium

4. New flows

Flow	Folder
Briquette - Roasted Molybdenite Concentrate (Molybdenum tech oxide briquette)	Metals
Ferromolybdenum	Metals
Polyethylene terephthalate-bottle grade (PET-bottle grade)	Plastics
Roasted Molybdenite Concentrate (Molybdenum tech oxide)	Metals
Steel seamless pipe	Metals

GaBi ts version 9.2 will be available to you via the automatic update functionality in the GaBi software or via the offline upgrade. No new installation procedure will be necessary.

On July 9th 2019, the new software version is available to you on the GaBi update server - the software will prompt you to download the updated version.

If you do not have a valid maintenance contract, you will not have access to this upgrade. Please contact your local GaBi sales representative for a quote gabi@thinkstep.com.

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