

Basic questionnaire

1. Task Identification

Title	Hazardous waste, Czech Republic
Customer	MZP, Ministry of the Environment of the Czech Republic
Version, date	Version 0, 2/2017
Year, Project	2015, „Preparation of information for investment support in the field of waste management“
Description	Future amount of hazardous waste (HW) produced in different territorial units of the CZE

2. Investigated area

Level	L0	L1	L2	L3
Official name (Local/English)	Stát / Country	Kraj / Region	ORP / Micro-region	Obec / Municipality
Number of nodes	1	14	206	X
Average number of inhabitants (median)	10 mil.	700 000	30 000	3 000

X = this level was not included into the analysis

3. Task characteristics

		Note
Current values	YES	incomplete values in 2014 substituted by model
Future values	YES	2020
Multi-component system	YES	without interaction

		Note
Considered components	HW for incineration	Codes count: 163
	HW for stabilization	Codes count: 126
	HW for biodegradation	Codes count: N/A
	HW for a deemulgation/neutralization line	Codes count: 10
	HW for incineration or stabilization	Codes count: 21
	HW for demulgation/neutralization or stabilization	Codes count: 34

4. Results

Expected result	Levels and Nodes	Year
HW for incineration	L0, all L1, all L2	2020
HW for stabilization	L0, all L1, all L2	2020
HW for biodegradation	L0, all L1, all L2	2020
HW for a deemulgation/neutralization line	L0, all L1, all L2	2020
HW for incineration or stabilization	L0, all L1, all L2	2020
HW for demulgation/neutralization or stabilization	L0, all L1, all L2	2020

5. Input data overview

Available input data/ time series	Time interval	Completeness/ Data available for	Quality	Source	Remark
HW for incineration	2009-2015	L0, all L1, all L2	Fine	ISOH	complete
HW for stabilization	2009-2015	L0, all L1, all L2	Fine	ISOH	complete
HW for biodegradation	2009-2015	L0, all L1, all L2	Fine	ISOH	complete
HW for a deemulgation/ neutralization line	2009-2015	L0, all L1, all L2	Fine	ISOH	complete
HW for incineration or stabilization	2009-2015	L0, all L1, all L2	Fine	ISOH	complete

6. Models

Description	Purpose
M1: Basic extrapolation of all time series	Initial values in 2020 for L0, all L1, all L2

7. Constraints

Description	Purpose
Areal constraint - Mass balance	Applied to L0 and all L1 nodes

