

Composting toilets

Sanitation without water

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Table of contents

0	It works without water, too / Wolfgang Berger	5
	Why we need new sanitary solutions.....	6
	Closed loop management starts with the toilet	6
	Implementation and perspectives	7
1	Historical development of composting toilets in Germany	11
1.1	How it all began / <i>Claudia Lorenz-Ladener</i>	11
	Pit systems and bin systems	12
	Earth toilets and peat toilets	15
	The utilisation of faeces	20
	Dry toilets versus flush toilets	22
1.2	Recent history / <i>Wolfgang Berger</i>	26
2	Composting of faeces	31
2.1	The process of composting / <i>Werner Bidlingmaier</i>	31
	Composting conditions	33
	Consequences for the process	36
2.2	Practice of composting faeces / <i>Wolfgang Berger</i>	38
	Hot thermophilic composting	38
	Low-temperature composting	39
	Vermicomposting	41
	Sheet composting and mulching.....	42
	Bin composting	42
	Additives	43
	Activators	43
	Tools and monitoring instruments	44
3	Urine and faeces as a source of plant nutrients / Jörn Germer	46
3.1	The human metabolism	46
3.2	Excreta.....	46
	Urine	47
	Faeces	50
	Summary of properties of urine and faeces.....	51
3.3	Urine and faeces as a secondary fertilizer: legal guidelines.....	52
3.4	Application of compost from urine and faeces.....	54
3.5	Results.....	59
4	Hygienic aspects	63
4.1	Planning and management of composting toilets from the hygienic point of view / <i>Werner Philipp</i>	63
	Conclusions from the hygienic point of view	66
4.2	Making hygienic compost from human faeces by self-composting / <i>Wolfgang Berger</i>	68

5	Waterless toilet systems / Wolfgang Berger	72
5.1	Composting toilets - a definition.....	72
5.2	From the bucket to the separation toilet	73
5.3	Biological dry toilets	77
	View screen	79
	Mixing devices	80
	Urine separating devices	81
	Containers for collection of additives	83
	Containers for collection of faecal matter with additives.....	83
	Containers for collection of faeces without urine	85
	Containers for collection of urine and leachate.....	88
	Ventilation	90
	Planning and installation.....	91
	Operation and maintenance	92
	Product information: biological dry toilets	92
5.4	Composting toilets	97
	Toilets.....	97
	View screen	99
	Urine separating devices	100
	Biowaste chute	102
	Stationary containers for collection of solids.....	103
	Stationary containers for collection of liquids.....	106
	Ventilation	107
	Ventilation planning.....	112
	Fire protection.....	114
	Noise control.....	114
	Roof connecting ventilation passage	115
	Raincovers.....	116
5.5	Composting toilets in new buildings.....	117
	Operation and maintenance	118
	Product information: composting toilets.....	120
5.6	Composting toilets in low-energy buildings / Wolfgang Berger, Thorsten Schütze	123
6	Projects and examples / Wolfgang Berger	127
6.1	Single-family houses and apartment houses.....	127
	House L., Hamburg-Neuengamme, Germany	127
	House D., Freiburg, Germany.....	129
	House M., Berlin-Wannsee, Germany	132
	House W., Steyerberg-Struckhausen, Germany.....	134
6.2	Residential reas	137
	Ecological settlement, Hamburg-Allermöhe, Germany.....	137
	Ecological settlement, Hamburg-Braamwisch, Germany	141
	Ecological settlement, Kiel-Hassee, Germany.....	145
	Ecological settlement, Bielefeld-Waldquelle, Germany	148
	Ecological settlement, Landhof Schöneiche near Berlin, Germany.....	151
	Ecological settlement, Gärtnerhof, Wien-Gänserndorf, Austria	153
	Ecological village, Kangasalan near Tampere, Finland	155
6.3	Public buildings.....	158
	Ecological house, Rostock, Germany.....	158
	Wilderness camp in the Bavarian Forest National Park, Germany.....	161
	Ecological education center, Stuttgart-Wartberg, Germany.....	163
	Public toilets in recreational areas, Denmark, Brazil, Germany.....	164
	Composting toilets in the mountains, Austria, Germany	165
	Houseboats for events, Hamburg harbour, Germany	167
	Kindergarten in the forest, Lübeck, Germany	168

7	Dry toilets and composting toilets around the world <i>Wolfgang Berger</i>	169
7.1	Orphan Aid, a village with foster homes for children in Ayeniah, Ghana	169
7.2	Dry toilets for student residence in Accra, Ghana.....	172
7.3	Eco-Town project in Dongsheng, Inner Mongolia, China.....	175
8	Approval of biological dry toilets and composting toilets <i>/ Wolfgang Berger</i>	178
8.1	Approval of biological dry toilets	178
	Case study: allotment gardens	178
8.2	Approval of composting toilets	182
	Case study: residential buildings	182
	Special regulations	184
	Approval in singular cases.....	185
8.3	Utilisation of faecal compost through self-composting.....	187
8.4	Utilisation of urine through self-recovery	188
9	Utilization of nutrients through water-saving sanitary systems in urban areas / Thorsten Schütze	189
	Case studies of water-saving toilets with urine separation <i>/ Wolfgang Berger</i>	199
10	Appendix / Wolfgang Berger	202
	Questions and answers	202
	Ecological sanitation between rejection, ignorance and acceptance / <i> Gudrun Beneke</i>	204
	Facts and data	206
	Glossary.....	207
	Addresses of manufacturers and suppliers	208
	Addresses of the editors and authors	209
	Links and addresses.....	210
	Further reading	211
	Index	212

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Composting toilets – basics, concepts and examples of waterless sanitation

Instead of returning human excreta with all of their nutrients to the natural nutrient cycle of the earth, the usual practice today is to combine and flush excreta with large quantities of valuable water, only to clean the water again later at great cost. The treatment and utilisation of faeces by means of waterless sanitation makes it possible to close the natural cycle again while still meeting modern demands for comfort and hygiene. This book describes in detail the methods and the types of biological dry and composting toilets available on the market, what needs to be considered when installing and using them on a daily basis, and the legal requirements for building integration. It also discusses how to use faecal compost and urine as a hygienically safe fertiliser in gardening and agriculture. A wide range of case studies illustrates the experience gained in the use of dry and composting toilets as an effective alternative to flush toilets, ranging from installations in single-family homes, housing estates and allotment gardens to public buildings and recreational areas.

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