

2.3.8. Information and awareness tools	p. 39
2.3.8.1. A quarterly newsletter	p. 40
2.3.8.2. The brochure Achetez malin pour jeter moins and its thematic folders	p. 40
2.3.8.3. www.poubelle.org	p. 41
2.3.8.4. Community organizers	p. 41
2.3.9. Evaluation	p. 43
2.3.9.1. The pilot projects	p. 43
2.3.9.1.1. Four pilot families	p. 44
2.3.9.1.2. One pilot apartment building	p. 44
2.3.9.1.3. One pilot neighbourhood	p. 44
2.3.9.2. One-off assessments and the waste barometer	p. 45
2.3.9.3. Opinion surveys and the eco-behaviour indicator	p. 47
2.3.9.4. Globally speaking	p. 49
2.4. Actions conducted in schools	p. 50
2.4.1. The waste situation and objectives in Brussels schools	p. 50
2.4.2. Promoting recycled paper and other environmentally-friendly supplies	p. 52
2.4.2.1. Starting the year on an environmental footing	p. 52
2.4.2.2. Promoting recycled paper	p. 54
2.4.3. Preventing packaging waste	p. 55
2.4.3.1. Less bottles to throw away with a water fountain	p. 55
2.4.3.2. Flasks and lunchboxes mean less packaging waste	p. 56
2.4.4. Preventing paper waste	p. 57
2.4.5. The tools	p. 57
2.4.5.1. For schools and teachers	p. 57
2.4.5.1.1. Environmental education and a MEDERE call for projects	p. 57
2.4.5.1.2. Creation and dissemination of teaching tools on waste management and prevention	p. 58
2.4.6. Evaluation	p. 60
2.5. Voluntary actions in companies	p. 63
2.5.1. Situation and objectives	p. 63
2.5.2. Specific waste actions	p. 64
2.5.2.1. The eco-consumption circular and waste management in regional public administrations	p. 64
2.5.2.2. Public procurement	p. 65
2.5.2.3. The eco-consumption and office waste management charter	p. 65
2.5.2.4. Dematerialisation in offices and eco-office technologies	p. 66
2.5.3. An example of integrated action: the eco-dynamic company label	p. 67
2.5.4. Evaluation	p. 69
2.6. The outlook	p. 70

PART 3 : WASTE PREVENTION ACTIONS OF EUROPEAN CITIES AND REGIONS **p. 73**

3.1. What can European cities and regions do for waste prevention?	p. 73
3.1.1. Changing EU waste policy focus: from waste to resources	p. 73
3.1.2. Municipalities now need to address consumption and production patterns	p. 73
3.1.3. Opportunities of actions for local and regional authorities	p. 74
3.1.3.1. Raising awareness on the impact of lifestyles	p. 74
3.1.3.2. Supporting change in lifestyles	p. 75
3.1.3.3. Encouraging changes in consumption behaviour	p. 75
3.1.3.4. Promoting different waste management practices	p. 77
3.2. Directory of municipal and regional good practices to promote sustainable consumption, waste, prevention and recycling	p. 78
3.2.1. Raising awareness on the impacts of lifestyles	p. 78
3.2.1.1. The ecological footprint illustrates the impacts of individual behaviours on the global environment	p. 78
3.2.1.1.1. London: measuring the impact of the city on the environment	p. 79
3.2.1.1.2. Dutch cities: benchmarking	p. 80
3.2.1.2. Involving citizens in political choices and their implementation	p. 80
3.2.1.2.1. Stakeholders and children expressed their views in Milton-Keynes	p. 81
3.2.1.2.2. Intermediaries help the Flanders Region to exchange information with citizens	p. 82
3.2.1.2.3. Gembloux, Oupeye and Havelange in the Walloon Region involve their citizens in their waste prevention plan	p. 83
3.2.1.3. Increasing public awareness with high profile actions	p. 85
3.2.1.3.1. Torino: exhibition to change perception of refuse as waste into refuse as resource	p. 85
3.2.1.3.2. «Charleroi clean and without waste» : one month of awareness raising on prevention	p. 86
3.2.1.3.3. Province of Bergamo: competition between local authorities and films on waste prevention	p. 87
3.2.2. Supporting change in lifestyles	p. 88
3.2.2.1. Questioning consumers' needs and promoting immaterial consumption	p. 88
3.2.2.1.1. Vienna encourages a shift to immaterial consumption	p. 88
3.2.2.1.2. Nuremberg: waste-free city	p. 90
3.2.2.2. Promoting the replacement of products by services	p. 91
3.2.2.2.1. Munich: fighting the paper cup	p. 93
3.2.2.2.2. Nuremberg: lending reusable crockery for free to households	p. 94
3.2.2.2.3. Marche Region: leaving the choice between reusable or biodegradable tableware for festivals and fairs	p. 94
3.2.2.2.4. Catalonia: municipal renting and washing system	p. 95
3.2.2.2.5. Milton-Keynes: diaper cleaning service	p. 96
3.2.2.3. Discussing the potential of Information and Communication Technologies (ICT) for dematerialization	p. 97
3.2.2.3.1. Dematerialising municipal documents with ICT	p. 97
3.2.2.4. Educating children to be the future responsible consumers	p. 98
3.2.2.4.1. Hasselt: voluntary environmental agreements between the municipal administration and the schools	p.98

3.2.2.4.2.	Hampshire County: waste prevention in school curricula	p. 101
3.2.2.4.3.	Province of Varese: school competition for waste prevention actions	p. 101
3.2.2.4.4.	Landkreis Darmstadt-Dieburg: working group in schools	p. 102
3.2.2.4.5.	Charleroi invites pupils to daily practice waste prevention	p. 102
3.2.2.4.6.	Bologne : yearly campaign for the environment at school	p. 103
3.2.2.4.7.	Pamplona: education to composting since 1982	p. 104
3.2.3.	Encouraging change in consumption behaviour	p. 104
3.2.3.1.	Promoting environmentally-friendly products in shops	p. 104
3.2.3.1.1.	Charleroi: partnership with supermarkets to label products generating less waste	p. 105
3.2.3.1.2.	Meudon & Mérignac: labels with a threefold message	p. 106
3.2.3.1.3.	Savigliano: eco-label for Re.Re. „Reduce and Recycle“	p. 106
3.2.3.1.4.	Eindhoven: ecological purchasing	p. 108
3.2.3.1.5.	Promoting alternatives to plastic shopping bags	p. 108
3.2.3.2.	Rewarding sustainable consumption choice	p. 109
3.2.3.2.1.	Rotterdam: the NU card	p. 109
3.2.3.3.	Monitoring progress towards sustainable consumption behaviours	p. 111
3.2.3.3.1.	Flemish Region: Ecolife project	p. 111
3.2.3.3.2.	Barcelona: indicators of behaviour change in offer and demand	p. 114
3.2.3.3.3.	Charleroi: the “Prevention Puzzle” project	p. 115
3.2.3.4.	Educating to use wisely	p. 116
3.2.3.4.1.	Kolding: using cleaning agents sparingly	p. 117
3.2.3.4.2.	Bas-Rhin: 67 gestures for the environment	p. 118
3.2.3.4.3.	Hampshire County: “Trash Attack”	p. 118
3.2.3.4.4.	Malaga: the 10 ecological commandments	p. 118
3.2.3.5.	Promoting repair and reuse	p. 119
3.2.3.5.1.	Munich guide, repairwork day and flea-markets	p. 119
3.2.3.5.2.	Vienna: campaigns and Internet exchange platform	p. 120
3.2.3.5.3.	Barcelona: recovery of Champagne bottles	p. 122
3.2.3.6.	Leading by example: green public purchasing	p. 122
3.2.3.6.1.	Barcelona: a sustainable city consumes green	p. 122
3.2.3.6.2.	Kolding: a forerunner in greening public procurements	p. 124
3.2.4.	Promoting different waste management	p. 126
3.2.4.1.	Encouraging home composting for organic waste of households	p. 126
3.2.4.1.1.	Milton-Keynes: subsidies and demonstration	p. 127
3.2.4.1.2.	Bristol: pilot project for home composting	p. 127
3.2.4.1.3.	Hands-on experiment of composting: an essential education tool in Porto	p. 128
3.2.4.1.4.	Martellago, Santa Giustina in Colle and the Veneto region Reduction of tax for citizens and municipalities	p. 129
3.2.4.1.5.	Province of Bergamo: stopping the increase in waste generation thanks to composting	p. 130
3.2.4.1.6.	Marche Region: home composting is more cost-effective than selective collection	p. 131
3.2.4.1.7.	Haut-Rhin supports home composting with awareness raising campaign	p. 132

3.2.4.1.8.	Antwerp: making use of social links to promote composting	p. 132
3.2.4.1.9.	Arousa Island: home composting in individual houses	p. 132
3.2.4.1.10.	Barcelona dedicates public spaces to composting	p. 133
3.2.4.2.	Reducing companies' demand for virgin raw materials	p. 133
3.2.4.2.1.	Basel: waste audits and cooperation agreements with companies	p. 133
3.2.4.2.2.	Munich and Nuremberg: waste counselling service for private households and businesses	p. 135
3.2.4.2.3.	Helsinki: analysing the prevention potential of companies	p. 136
3.2.4.3.	Creating markets for recycled products and materials in partnership with the industry	p. 136
3.2.4.3.1.	London Remade: developing markets for recycled products	p. 136
3.2.4.3.2.	Kalundborg: industrial symbiosis reduces resource consumption	p. 139
3.2.4.4.	Developing partnership with the social economy sector	p. 140
3.2.4.4.1.	Strasbourg: ENVIE waste treatment service and social development	p. 141
3.2.4.4.2.	Offenbach: GOAB - social integration started with repairing refrigerators	p. 143
3.2.4.4.3.	Torino: a former municipal company with social objectives	p. 144
3.2.4.4.4.	Flanders Region subsidies municipalities to support WEEE recycling centers (Kringloopcentra)	p. 145