

1. Record Nr.	UNINA9910145692803321
Autore	Smith Carl <1974->
Titolo	Residential landscape sustainability : a checklist tool // Carl Smith, Andy Clayden, Nigel Dunnett
Pubbl/distr/stampa	Oxford, UK ; ; Malden, MA, : Blackwell Pub., 2008
ISBN	1-281-30928-1 9786611309282 0-470-69237-5 0-470-69158-1
Descrizione fisica	1 online resource (207 p.)
Altri autori (Persone)	ClaydenAndy DunnettNigel
Disciplina	711/.58
Soggetti	Landscape design Gardens - Environmental aspects Sustainable horticulture Building sites - Planning Ecological houses
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Residential Landscape Sustainability; Contents; Acknowledgements; 1: Putting residential development in a sustainable context; Introduction; Definitions of sustainable development and sustainable landscape; Sustainable development; Sustainable landscape; Sustainable development in English planning and development; The key role of housing in sustainable development; Current concepts and initiatives for delivering sustainable homes in England; What impact have these initiatives had on delivering sustainable residential communities?; References 2: Opportunities for improving the sustainable profile of new residential developmentsIntroduction; Conservation of resources and minimisation of pollution and waste; Energy consumption and microclimate control; Encouraging walking and cycling; Specification and detailed design of hard landscape materials; Specification and detailed design of soft landscape materials - vegetation; Water

management; Enhancement of site ecological function and human well-being; Site ecological function; Providing for the health and well-being of residents; References

3: Creating a residential landscape sustainability checklistIntroduction; A review of sustainable checklist tools for residential development; A detailed description of the template BRE EcoHomes method; Adapting the EcoHomes method for landscape assessments; The Energy Category; The Transport Category; The Pollution Category; The Materials Category; The Water Category; The Ecology and Land Use Category; The Health and Well-Being Category; Adjusting the EcoHomes weighting factors; Setting compliance standards; Judging visual qualities; General limitations of the checklist assessment approach

References4: Case studies: applying the Residential Landscape Sustainability Checklist; Introduction; Greenwich Millennium Village, London; Childwall, Liverpool; Evaluation of the case studies against the Residential Landscape Sustainability Checklist; The Energy Category; The Transport Category; The Pollution Category; The Materials Category; The Water Category; The Ecology and Land Use Category; The Health and Well-Being Category; What factors encouraged and discouraged residential landscape sustainability?; Factors which contribute to delivering residential landscape sustainability Factors which may undermine landscape sustainabilityConclusion; References; Appendix: Detailed Residential Landscape Sustainability Checklist; Index

Sommario/riassunto

This valuable resource for developers and designers will help to develop design solutions sympathetic to the environment and improve the sustainability of residential landscapes. The landscapes around housing have a crucial role in creating a more sustainable future with carbon-neutral homes. This book shows how to improve the sustainable profile of new residential developments through landscape planning, design and management - by conserving resources and minimising pollution, and by enhancing ecological diversity. This may be achieved without significant additional capital outlay.
