

1. Record Nr.	UNINA9910130958803321
Titolo	Liquidity risk measurement and management : a practitioner's guide to global best practices
Pubbl/distr/stampa	[Place of publication not identified], : John Wiley & Sons Asia Pte Ltd, 2007
ISBN	1-118-39039-3
Collana	[Wiley finance] Liquidity risk measurement and management
Disciplina	332.1068/1
Soggetti	Bank liquidity Risk management Finance Business & Economics Banking
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph

2. Record Nr.	UNINA9910141500903321
Titolo	Sustainable dairy production [[electronic resource] /] / edited by Peter de Jong
Pubbl/distr/stampa	New York, : Wiley-Blackwell, 2013
ISBN	1-118-48945-4 1-299-15921-4 1-118-48946-2 1-118-48947-0
Descrizione fisica	1 online resource (282 p.)
Classificazione	TEC012000
Altri autori (Persone)	JongPeter de <1965->
Disciplina	636.2/142
Soggetti	Dairy engineering Dairy products Sustainable engineering
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	Sustainable Dairy Production; Copyright; Contents; Preface; Contributors; 1 Introduction; 1.1 Sustainability and the dairy industry: hype or trend?; 1.2 Quantifying the issue: measuring footprints; 1.3 Communication: telling the whole story; 1.4 Structure of this book; References; 2 Greenhouse gas emissions from global dairy production; 2.1 Introduction; 2.2 Methods for calculating emissions; 2.2.1 Model description; 2.2.2 Database and data sources; 2.3 Total emissions of the dairy sector; 2.3.1 Global overview; 2.3.2 Intensification of dairy production and regional trends 2.3.3 Post-farm-gate emissions2.3.4 Sensitivity, uncertainty and validation; 2.4 Discussion; 2.4.1 Contribution to climate change; 2.4.2 Efficiency and potential for mitigation; References; 3 Life cycle assessment; 3.1 Introduction; 3.2 Current life cycle assessment; 3.2.1 Impacts associated with land use; 3.2.2 Global, regional and local effects; 3.2.3 Water use; 3.3 Life cycle assessment in application; 3.4 Life cycle assessment of dairy products; 3.4.1 Allocation; 3.4.2 Results of LCA; 3.5 Life cycle assessment in strategy and policy; Acknowledgements; References

4 Sustainability and resilience of the dairy sector in a changing world: a farm economic and EU perspective  
4.1 Introduction; 4.1.1 Background; 4.1.2 Purpose and focus; 4.1.3 Sustainability and dairy; 4.2 Dairy economics and sustainability; 4.2.1 Sustainability and resilience of the firm; 4.2.2 Profitability and the family farm; 4.2.3 Competitiveness; 4.3 Sustainability evaluation of the EU dairy sector; 4.3.1 Economic sustainability (profit); 4.3.2 Environmental sustainability (planet); 4.3.3 Social sustainability (people); 4.4 Agricultural policy; 4.5 Conclusion; References

5 Dairy processing  
5.1 Introduction; 5.2 Key unit operations and their water and energy use; 5.2.1 Milk pre-treatment; 5.2.2 Milk heat treatment; 5.2.3 Evaporation; 5.2.4 Drying; 5.2.5 Membrane filtration; 5.2.6 Cleaning; 5.2.7 Storage (conditioning, cooling); 5.2.8 Utilities (heat generation, cold generation); 5.3 Possibilities for optimisation; 5.3.1 General process optimisation; 5.3.2 Energy use; 5.3.3 Water use; 5.3.4 Waste stream valorisation; 5.4 Revisiting dairy processing: breakthrough technologies; 5.4.1 Model-based dairy production; 5.4.2 High solids evaporation and drying  
References

6 The role of packaging in a sustainable dairy chain; 6.1 Introduction; 6.2 Packaging sustainability: a growing market expectation; 6.2.1 Consumer expectations; 6.2.2 Worldwide legislative pressures; 6.2.3 Packaging: a priority focus for NGOs; 6.2.4 Retailers: the gateway to sustainable markets; 6.2.5 Some consequences for dairy packaging; 6.3 Packaging's contribution to dairy sustainability; 6.3.1 Packaging in the analysis of the dairy chain's environmental impacts; 6.3.2 Packaging's life-cycle environmental performance; 6.3.3 Driving packaging's contribution to environmental impact reductions

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## Sommario/riassunto

"This book offers a comprehensive overview of the state of the art in sustainable dairy production, helping the industry to develop more sustainable dairy products, through new technologies, implementing life cycle analysis, and upgrading and optimization of their current production lines. It aims to stimulate process innovations, taking into account environmental, economic and public relations benefits for companies. Topics covered include: How to set up a sustainable production line How to quantify the carbon foot print of a dairy product by using life cycle analysis Current technologies to improve the carbon foot print What measures can be taken to reduce the global warming potential of the farm Reduction of water use in dairy production Marketing sustainable dairy products Bench marking of dairy products against other food products Potential future technological developments to improve the carbon foot print for the following decades "--

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