

First edition
2013-05-01

Greenhouse gases — Quantification and reporting of greenhouse gas emissions for organizations — Guidance for the application of ISO 14064-1

Gaz à effet de serre — Quantification et rapport des émissions de gaz à effet de serre pour les organisations — Directives d'application de l'ISO 14064-1



Reference number
ISO/TR 14069:2013(E)



COPYRIGHT PROTECTED DOCUMENT

© ISO 2013

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
3.1 Terms relating to greenhouse gases emission.....	1
3.2 Terms relating to biomass and land use.....	3
3.3 Terms relating to data.....	3
3.4 Other terms.....	4
4 Principles	4
4.1 General.....	4
4.2 Relevance.....	4
4.3 Completeness.....	5
4.4 Consistency.....	5
4.5 Accuracy.....	5
4.6 Transparency.....	6
5 GHG inventory design and development	6
5.1 Organizational boundaries.....	6
5.2 Operational boundaries.....	11
5.3 Generalities on the quantification of emissions and removals.....	15
5.4 Quantification of GHG emissions and removals for each category.....	21
6 GHG inventory components	65
6.1 GHG emission reduction or removal enhancement projects (carbon offset projects).....	65
6.2 Assessment of uncertainty.....	65
7 GHG inventory quality management	68
8 Reporting of GHG	68
8.1 General.....	68
8.2 GHG inventory report format.....	69
8.3 GHG inventory report content.....	70
Annex A (informative) Correspondence between ISO 14064-1:2006 and this Technical Report	75
Annex B (informative) Examples of emission or removal factors data bases	76
Annex C (informative) List of categories	77
Annex D (informative) 100-year global warming potential (GWP)	80
Annex E (informative) Specificities of financial or insurance companies for category 15 (investments)	83
Annex F (informative) Tables for reporting	84
Bibliography	88