

1. Record Nr.	UNINA9910433245103321
Autore	Roux Alice
Titolo	The Forestry and Wood Sector and Climate Change Mitigation : From Carbon Sequestration in Forests to the Development of the Bioeconomy
Pubbl/distr/stampa	éditions Quae, 2020 Versailles : , : Quae, , 2020 ©2021
Descrizione fisica	1 online resource (166 pages)
Collana	Matière à débattre et Décider
Altri autori (Persone)	ColinAntoine DhôteJean-François SchmittBertrand
Soggetti	Forestry & related industries
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Table des matières -- The forestry & wood sector and climate change mitigation -- Preface -- Forward -- The role of the forestry & wood sectors in mitigating climate change -- - The current carbon balance of the forestry & wood sector -- - The carbon balances and economic effects of three forest management scenarios until 2050 -- - Effects of worsening climate change and severe disturbances on the carbon balance up to 2050 -- General conclusions -- Annex - Determination of the areas to be reforested under the 'Intensification' scenario reforestation plan -- References -- List of authors and scientific experts involved in this publication.
Sommario/riassunto	While the main challenge in intertropical and boreal regions is tackling deforestation and forest resource degradation, forests and forestry in temperate regions face what may appear to be contradictory goals: to increase atmospheric carbon capture through sequestration in biomass and soils, while providing a growing share of the resources needed to produce essential material goods and energy for human societies as well as gradually renewing forests to enable them to adapt to future climate conditions. Creating a balance between these potentially competing priorities has been the subject of intense societal and

scientific debate in recent years, which has prompted us to examine all aspects of these issues in greater depth. INRAE and IGN, at the request of the French Ministries responsible for agriculture and forestry, have jointly undertaken a scientific assessment to shed light on the details of this debate, using the example of forests and the forestry & wood sectors in metropolitan France. The results of this important exercise are presented in this book.
