

1. Record Nr.	UNINA9910797362903321
Autore	Fay Marianne
Titolo	Decarbonizing Development : : Three Steps to a Zero-Carbon Future // Fay, Marianne
Pubbl/distr/stampa	Washington, D.C., : The World Bank, , 2015
ISBN	1-4648-0606-3 1-4648-0480-X
Descrizione fisica	1 online resource (184 pages)
Collana	Climate Change and Development Series
Disciplina	628.532
Soggetti	Carbon dioxide mitigation Economic development - Environmental aspects Atmospheric carbon dioxide - Environmental aspects Carbon - Environmental aspects Fossil fuels - Environmental aspects
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 at the end of each chapters.
Nota di contenuto	""Cover""; ""Contents""; ""Acknowledgments""; ""Abbreviations""; ""Overview""; ""Planning for a Low-Carbon Future: What We Need to Do Now Depends on the End Goal""; ""Enabling the Transition with a Policy Package That Is Efficient, Acceptable, and Credible""; ""Managing the Transition: Protecting Poor People and Avoiding the Potential Pitfalls of Reforms""; ""In Conclusion""; ""References""; ""Part I: Planning for a Low-Carbon Future: What to Do Now Depends on the End Goal""; ""1. Reducing Carbon Emissions to Zero""; ""Stabilizing the Climate Requires Zero Net Emissions"" ""Zero Net Emissions Requires Action on Four Fronts""""Notes""; ""References""; ""2. Acting Sooner Rather than Later""; ""Feasible Really Means Cost-Effective""; ""Cost-Effectiveness Requires Early Action""; ""The Costs of Early Action Should Be Modest""; ""Early Action Paths Are Prudent""; ""Notes""; ""References""; ""3. Planning Ahead with an Eye on the End Goal""; ""Factor in Uncertainty, Disagreement, and Multiple Objectives""; ""Focus on What Is Urgent and Carries Co-Benefits""; ""Build Sectoral Pathways to Carbon Neutrality"" ""Annex 3A: Tools to Develop Sectoral Pathways to Zero Emissions""

Notes"; "References"; "Part II: Enabling a Low-Carbon Transition: Prices and More"; "4. Getting Prices Right"; "A Necessary Step: Removing Fossil-Fuel Subsidies"; "The Economics of Carbon Pricesa€? Pretty Straightforward"; "Notes"; "References"; "5. Building Policy Packages That Are Acceptable, Credible, and Effective"; "Ensuring the Needed Technologies Are Available and Affordable"; "Ensuring the Needed Infrastructure Is in Place"
 "Tackling Other Factorsa€?Such as Behaviora€?That Reduce the Impact of Price Incentives""Notes"; "References"; "6. Getting the Finance Flowing"; "Growing the Pie"; "Greening the Pie"; "Notes"; "References"; "Part III: Managing the Transition: Protecting the Poor and Avoiding the Potential Pitfalls of Reforms"; "7. Ensuring the Poor Benefit"; "Direct Distributional Impacts of Right Pricinga€?Possibly Positive?"; "Revenue Recycling Enables Redistribution and Allows for Pro-Poor Climate Policies"; "Managing Perceived Impacts"
 "Land-Use-Based Mitigationa€?Impacts Depend on Design""Notes"; "References"; "8. Smoothing the Transition to Make It Happen"; "Managing Concentrated Losses"; "Managing the Fears of Competitiveness Loss"; "Managing the Risk of Government Failures"; "Notes"; "References"; "Boxes"; "1.1 The a€œFulla€? Story on Greenhouse Gases"; "2.1 An Extreme Case of Commitmenta€?Urban Forms"; "3.1 Short-Term Strategies Need to Be Designed Keeping the Long-Term Goal in Minda€?Examples from Brazil and Germany"; "3.2 A World Bank Software for Comparing Abatement Options: MACTool"
 "3.3 Using Space to Design Deforestation Policies"

Sommario/riassunto

The science is unequivocal: stabilizing climate change implies bringing net carbon emissions to zero. This must be done by 2100 if we are to keep climate change anywhere near the 2oC warming that world leaders have set as the maximum acceptable limit. Decarbonizing Development: Three Steps to a Zero-Carbon Future looks at what it would take to decarbonize the world economy by 2100 in a way that is compatible with countries' broader development goals. Here is what needs to be done: -Act early with an eye on the end-goal. To best achieve a given reduction in emissions in 2030 depends on whether this is the final target or a step towards zero net emissions. Go beyond prices with a policy package that triggers changes in investment patterns, technologies and behaviors. Carbon pricing is necessary for an efficient transition toward decarbonization. It is an efficient way to raise revenue, which can be used to support poverty reduction or reduce other taxes. Policymakers need to adopt measures that trigger the required changes in investment patterns, behaviors, and technologies - and if carbon pricing is temporarily impossible, use these measures as a substitute. Mind the political economy and smooth the transition for those who stand to be most affected. Reforms live or die based on the political economy. A climate policy package must be attractive to a majority of voters and avoid impacts that appear unfair or are concentrated on a region, sector or community. Reforms have to smooth the transition for those who stand to be affected, by protecting vulnerable people but also sometimes compensating powerful lobbies.
