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Invoices; Alliances, Tensions, Wars

5: Collateral DamageThe Planet Overheats; Agreements and Disagreements; Jailing the Offender?; A Subtle Danger; Rain Is No Longer What It Used to be; Financial Compensation; Minimize! Save the Planet; 6: Energy from the Atom; Splitting the Atom; Nuclear Accidents; An Inconvenient Legacy; Where Do We Store Nuclear Wastes?; We'll Settle the Bill Later; Current Nuclear Power Plants; Tomorrow's Nuclear Power Plants (Maybe); The Harsh Reality of the Marketplace; Solution or Problem?; Nuclear Fusion: if Not Roses . . . Then What?; 7: Energy from the Sun; Conversion and Exploitation of Sunlight
From Light to HeatFrom Light to Electricity; Concentrating Sunlight; Light to Chemical Energy - Natural Photosynthesis; Light to Chemical Energy - the Sunshine Vitamin; Biomass and Biofuels: Yes, but . . . !; Artificial Photosynthesis; The Hydrogen Myth; 8: Energy from Air, Water, and Land; Wind Changes; Wind Farms; Water - between Past and Future; Geothermal Energy; Sea Power; 9: Fukushima and the Future of Nuclear Energy; What Happened at Fukushima Daiichi?; The Consequences for the Population; A Lesson from the Fukushima Disaster; What Is Today's Cost of Nuclear Energy?
Should Italy Go Back to Nuclear Energy?The Fate of Nuclear Energy; Global Expansion of Nuclear Power?; Is It Worthwhile to Get Energy Using Technologies Exposed to Great Risks?; 10: Energy Italy; Stop Navigating Blind; Conserve Energy! Where? How?; Italy - a Country with an Abundance of Sunlight; Wind, Geothermal Energy, Biomass; Conservation and Renewables - a Summary; 11: Energy Canada; Primary Energy Resources; Oil Sands or Tar Sands?; Oil Sands and Their Environmental Impact; Water Usage; Natural Gas Usage; Greenhouse Gases; Coal in Canada; Natural Gas; Nuclear Energy and Electricity
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Sommario/riassunto

In their book Nicola Armaroli, Vincenzo Balzani and Nick Serpone uncover the background details associated with a transition to sustainable energy production that are routinely swept under the table in public discussions. They are not only concerned with the (alleged) advantages and disadvantages of any one energy generation technology from a technical viewpoint, but also with the ecological, economic, political and social consequences of an inevitable transition. In a highly readable manner aimed at an international audience, the authors introduce the often misused and sometimes abused ter
