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and voluntary schemes - 2BSvs case study; 4.4. Criticism on sustainability schemes; 4.5. An outlook into second and third generation biofuels; 4.6. Price increases and price volatility cause food shortage and hunger; 5. Conclusion; 6. Bibliography; Appendix; Acknowledgements

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## Sommario/riassunto

Hauptbeschreibung In response to climate change, and unsustainable energy consumption, the European Parliament launched a climate and energy package in 2009. This included the 20:20:20 Energy Strategy whose aim was to decrease the effects of climate change, in particular by lowering greenhouse gas (GHG) emissions by 2020. This 10-year action plan proposes measures to increase the current efficiency levels of energy use, and raises the share of renewable energies within the energy mix for all 27 EU Member States. As a result, the increased use of biofuels, particularly in the transport sector,

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