



The CSIC's functions include informing, assisting and advising public and private entities on science and technology, as stated in Article 5 of its Articles of Association. Undertaking this task, we present the report *Ensuring a Safe, Efficient and Clean Energy System*, from the Science for Public Policy series, as a document targeting both public administrations and society in general. Herein, we analyse the drawbacks, challenges and potential of the current energy system, and delve into the lines of research underway at the institution in our quest to promote a paradigm shift to facilitate the transition towards an energy model free of harmful emissions.