

Die Veredlung und Umwandlung von Kohle

The Processing and Conversion of Coal

Technologien und Projekte 1970 bis 2000 in Deutschland

Technologies and Projects 1970 to 2000 in Germany

Eine Dokumentation der
A documentation of



In the years between 1970 and 2000, a large number of technologies and projects have been undertaken and partly developed to technical application in Germany for the extended utilization of brown as well as hard coal beyond obvious combustion. The scientific knowledge and technical know-how about these projects, which have been predominantly supported through public funding, is dispersed in multiple archives, is located at the former companies and institutions which performed in these projects, when still existing at all, or is only available through the persons formerly involved. The once accomplished knowledge and know-how is about to get lost. This threatening loss will be prevented by this project now completed by the means of a comprehensive documentation which will not only secure best as possible the pertinent knowledge and know-how but also offer opportunities for continuation and transfer on to new challenges as in the usage of renewable energies from biomass or in the context of a highly CO₂-free usage of coal.

This project was conducted by well educated and special members of DGMK who performed as authors of the selected projects and technologies. They had been able to collect and newly document extraordinary extensive data through their own knowledge, by extended investigations, by insight in archives and published papers, by discussion with persons formerly involved and last but not least in special cases through acquirement of co-authors.

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The documentation available contains, besides short introductions into the physics, chemistry and technical principles of coal conversion, in particular the presentation of the individual projects, the stages of their development and status reached, positive and bad experiences, their evaluation from former and present sight, and at last a very large number of references to published literature and reports. The documentation available is a huge source to gain old and new knowledge, for the application in modern projects and for the aiming of synergetic effects.

The documentation is available in German language only.

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