

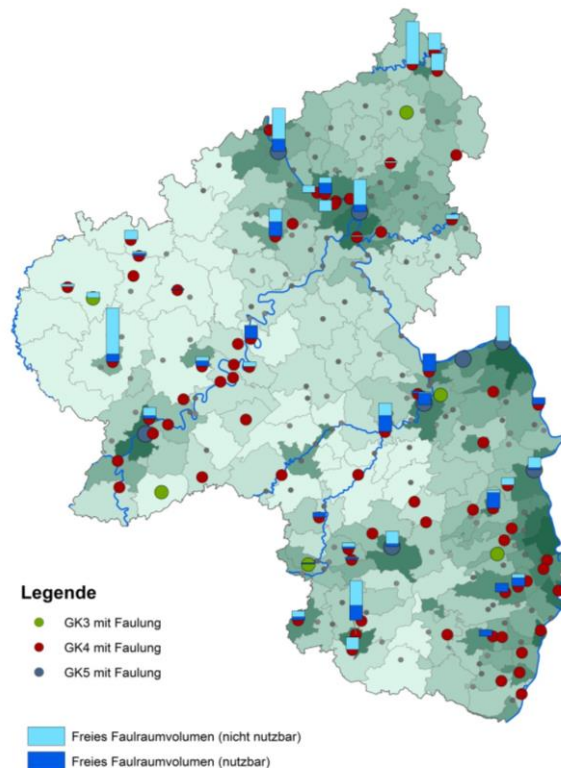
## ZEBRAS - Zukunftsorientierte Einbindung der Faulung und Faulgasverwertung in die Verfahrenskette der Abwasserreinigung, Schlammbehandlung und –verwertung in Rheinland-Pfalz.

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In the framework of the project „Zukunftsorientierte Einbindung der Faulung und Faulgasverwertung in die Verfahrenskette der Abwasserreinigung, Schlammbehandlung und -verwertung in Rheinland-Pfalz - ZEBRAS“, funded by the Ministry for Environment Rhineland-Palatinate, attempts will be developed to optimize anaerobic digestion in municipal Wastewater Treatment Plants. The project – carried out in Co-operation with Technical University of Kaiserslautern and an engineering company - is organized in different workpackages:

- Inventory of digestion plants in Rhineland-Palatinate with main technical and operational parameter
- Analysis of current situation
- Development of attempts to optimise process of biogas production
- Potential for generation energy from biogas
- Estimation of potential for optimisation in Rhineland-Palatinate
- Evaluation of possibilities to integrate digestion plants in Smart-grids
- Development of a structured manual – based on flowcharts – for the targeted analysis of wastewater treatment plants with digestion



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