

DAZWISCHEN – Future-oriented structural change in the Rhenish mining area

Stadt-Land-Plus: Achieving more together for strong urban-rural partnerships

Motivation

The extensive structural changes in the Rhenish mining area due to the termination of surface mining lead to challenges and opportunities for sustainable development of green and open spaces, villages and cities. In addition to the structural change, there are also exogenous developments like urban pressure in the Rhine valley, which have an impact on the Rhenish mining area.

Goals and approach

Facing these structural changes, it appears necessary – together with the actors in the region – to identify the strengths in spatial and economic terms and subsequently to systematise spatial requirements, spatial talents and spatial resistances. DAZWISCHEN serves as a generator for balanced perspective models and development strategies in the extended region. In doing so, the development of settlement areas is brought into harmony with sustainable structures for mobility and transport as well as open spaces.

Expected results and transfer

First of all, the structural changes have to be identified and their partial spatial manifestations until 2040 have to be projected quantitatively. In doing so, the uncertainties about a scenario corridor are taken into account, which also qualitatively describes long-term developments up to 2080 and thereby covers the range of possible developments. The results will be transferred to a decision support system which is a multi-hierarchic spatial information system. In addition, organisational formats will be developed which will enable the system to operate on a permanent basis in the sense of continuous monitoring of change processes and their effects.



Forum: „terra nova“ at the surface mining Hambach

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