

Project Sites of Vietnamese-German Research Projects in the Field of Resources and Sustainability / Urban Development

Resources and Sustainability

- 1 Transfer project to Integrated Wastewater Concept for Industrial Zones for tropical transformation and developing countries exemplified at Vietnam(**TAKIZ**)
- 2 Saltwater Intrusion and Morphodynamics in the Mekong Delta: Current Status, Upstream Impacts and Future Developments (**Catch-Mekong**)
- 3 Mineralogical characterization and sustainable processing strategies for the Nam Xe rare earths ore deposit in Vietnam(**NAMXE**)
- 4 Management of Mineral Resource Extraction in Hoa Binh Province (**MAREX**)
- 5 Technical Solutions for Karst Water Supply (**KaWaTech Solutions**)
- 6 Adapted technologies for a sustainable protection of water and land resources on the example of the southern Mekong Delta (**ViWat-Mekong-GO**)
- 7 Spatial-temporal adjusted Recirculation and Reutilization of mining impacted waters, exemplary for an urban affected mining area (**WaterMiner**)
- 8 Modular concept of a sustainable water desalination by capacitive deionisation exempified for Vietnam(**WaKap**)

Urban Development

- 9 Sustainable infrastructure, environmental and resource Management for highly dynamic metropolises (**Rapid Planning**)



Project Sites of Vietnamese-German Research Projects in the Field of Bioeconomy / Health Research / Climate Protection

Bioeconomy International

- 1 Plant-based production, purification and characterization of avian flu antigens (**PLANTFLUVAC**)
- 2 Combined live/dead discrimination and real-time PCR approach for the quantitative risk assessment of viable *Campylobacter* applicable in international control strategies (**CAMPY-TRACE**)
- 3 Development of innovative biotechnological procedures towards sustainability and bio based production of Vietnamese Agarwood and metabolites hereof (**VIETWOOD**)
- 4 Production and utilization of new materials derived from sugar cane bagasse, bamboo and rice by-products for value added bio-based products and sustainable agriculture (**BioMatUse**)
- 5 Diversity of microorganisms in both natural and aquaculture tropical seaweed systems: biotechnology potential for sustainable development (**Aqua-Weed**)

Health Research

- 6 Research Network on Melioidosis and *Burkholderia pseudomallei* (**RENOMAB**)

Climate Protection

- 7 Development and integration of an innovative process technology for biogas production from rice straw in regional value chains in rural areas in South East Asia under consideration of sustainable development and climate protection – case Vietnam (**BioRist**)

