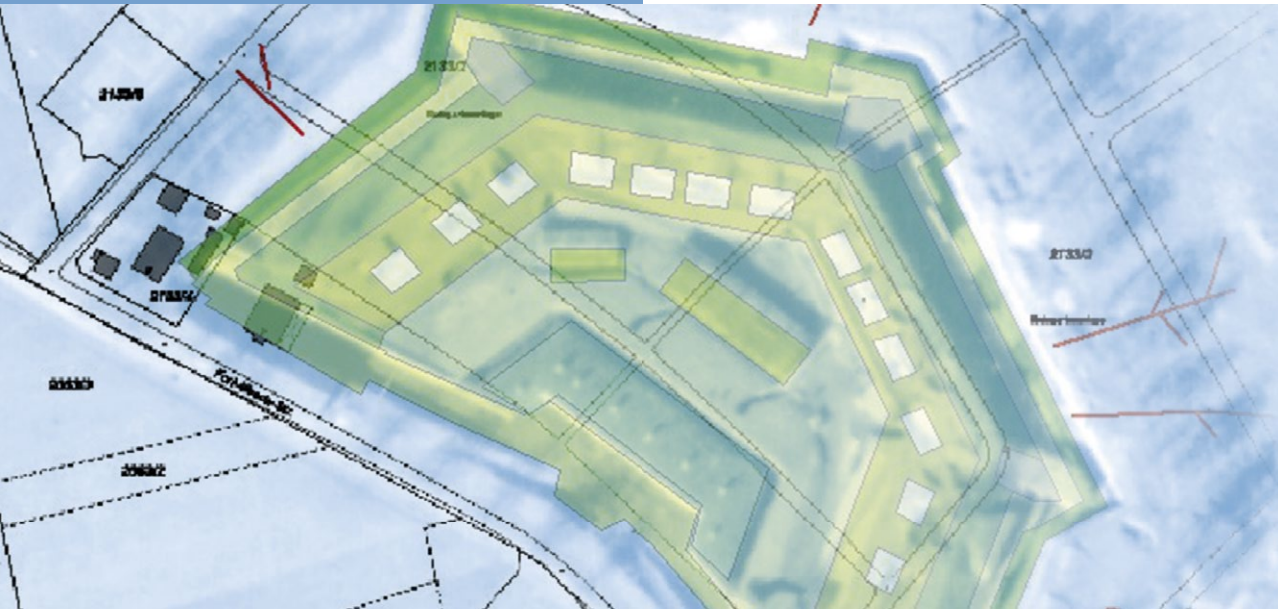


IABG. The Future.



Environmental Services

iIABG

2010



1998



1995



1945



Competent and Sustainable Environmental Services

As a result of our expertise in the investigation and assessment of contaminated sites we are in demand as a partner for complex projects in the environmental sector. With our experience in the remediation of contaminated sites we help to revitalise industrial wasteland and convert former military and armament sites. With these services we are welcomed as advisers in many East European countries. We are accompanying the „German energy turnaround“ by helping in the dismantling of nuclear power plants and the implementation of regenerative power plants. Here the focus is on qualification and the engineering of wind power plants (WPP) and the testing of possibilities for the implementation of regenerative power plants.

Contaminated Sites/Land Recycling

In addition to avert acute hazards, today the remediation of contaminated sites is the first step on the way to revitalising industrial wasteland and converting former military property. The central topics are the question of liability and obtaining legal certainty for investors. Different stakeholders must be brought to a round table to settle their conflicts of interest. IABG takes on the role of mediator to achieve workable compromises.

Cost-effective procedures are in demand, for example in-situ technologies like DROP which we developed for remediation of oil pollution. By means of cost-benefit analysis and life cycle analysis, we find ways to cost-efficient and environmentally redevelopment of contaminated sites.

- Data capture, historical research
- Risk and danger assessment
- Technical investigation
- Remediation investigation and planning
- Remediation engineering
- Project management
- Monitoring

Remediation of Industrial, Military and Armament Contaminated Sites

Even today, old industrial and commercial sites are often still a danger to people and the environment due to decades of production and utilisation of all sorts of hazardous materials. In particular former military and armament sites like production factories, ammunition dumps, facilities for the disposal of explosive ordnance, shelling and bombing sites, etc. are contaminated with explosives,



From a historical aerial photograph to the layout plan of a potential contamination site.

explosive ordnance and their degradation products in addition to the usual pollutants. In such cases, the contaminated sites are an enormous obstacle for the reutilisation of the land areas.

The IABG specialists solve these tough and critical problems. Here, specific knowledge beyond general expertise in contaminated sites is required about how the plants were constructed, the technical procedures and about the often highly poisonous and carcinogenic materials involved in this type of contamination.

Environmental Engineering

Our foremost aim also in environmental engineering is to harmonise economic and ecological interests. We strive to recognise and avoid negative effects already in the planning stage. This concerns municipal planning, for example infrastructure measures to be taken, and the operating environments of companies. We ensure a sensible handling of natural raw materials and advise our customers on any questions that they may have in relation to the use of water, air, and energy. We support them in considering the environment compared with other entrepreneurial interests and in this way contribute to cost-efficient and environmentally friendly solutions. Our involvement as coordinator in large cooperative projects allows us to incorporate state-of-the-art technology and science into day-to-day project work. Furthermore, IABG is promoting the „consolidation of alternative sources of power“ through the planned construction and operation of a processing plant for the CO₂-neutral conversion of currently unusable solar and wind-generated electricity into storable methane gas. Our competence is demonstrated also in the assessment of sites and properties as to how suitable they are for the implementation of renewable energies such as photovoltaic and wind power plants.

Our services in the environmental engineering sector:

- Assessment of sites for the implementation of renewable energies
- Environmental impact assessment

Environmental Risk Assessment

Also in the environmental sector, the assessment of risk costs requires a combination of specialised technical knowledge and an understanding of business. We conduct risk assessments prior to company acquisitions and sales and also for damage claims from insurance companies. In this way we can identify potentially costly weaknesses, future-endangering organisational weaknesses of the company and environmental risks.

The various consulting components are also provided for determining all types of environmental risks which could endanger the short, medium or long term success of a company.





AUTOMOTIVE



INFOCOM



TRANSPORT,
ENVIRONMENT &
POWER ENGINEERING



AERONAUTICS



SPACE



DEFENCE &
SECURITY

About IABG

IABG is a leading European technology enterprise. We focus on trend-setting high technology and science applications. We plan, implement and operate. With more than 1,000 experienced and committed employees we provide our customers with solutions in the sectors Automotive • InfoCom • Transport, Environment & Power Engineering • Aeronautics • Space • Defence & Security.

About IABG Environmental Services

We are in demand as partner for complex projects in the environmental sector, for example for the remediation of contaminated sites. We focus on environmental engineering and geodata. In our Geodata Factory we capture and interpret geographical data, for example for surveying flood risk areas, planning mobile telephone networks, designating sites for wind and photovoltaic power plants and for municipal cadastres (e.g. for soil sealing, split wastewater fees).

- Environmental engineering
- Geodata service
- Remediation
- Power management
- Environmental risk assessment
- Renewable energies

For more information please contact us:

Phone: +49 89 6088-3630
Fax: +49 89 6088-2355
umwelt@iabg.de

IABG
Einsteinstrasse 20
85521 Ottobrunn
Germany
Phone +49 89 6088-2030
Fax +49 89 6088-4000
info@iabg.de
www.iabg.de