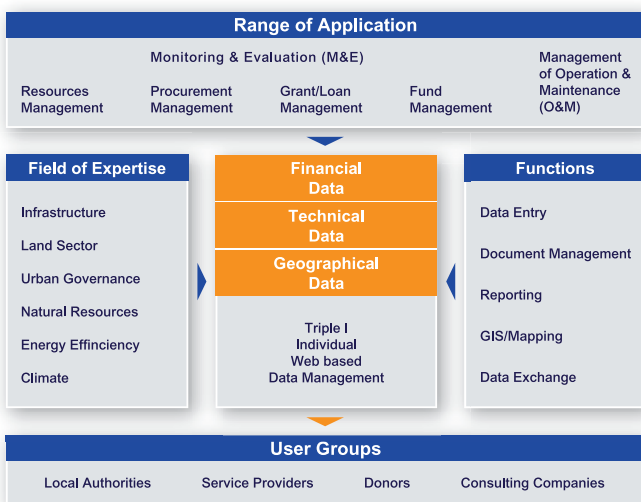


Triple I – Web-based Data Management

Challenges

Effective and efficient data management systems and the standardization of operational procedures become increasingly important for successful project management, the transparency and sustainability of results, and the durability of investments.



In this respect, software plays an ever more important role. Suitable and tailor-made databases and data systems turn out to be a precondition not only for pure data but for technically and financially systematized information which are required on the spot and can be spatialized and visualized through GIS/Mapping.

Concepts and Services

For this reason, GFA Consulting Group, together with GFA B.I.S. and Dr. Schindler Geo Consult International (GCI), has developed Triple I. As an efficient data management system, it covers various aspects of monitoring and evaluation (M&E) as well as operation and maintenance (O&M) which can be applied in various fields of expertise and can easily be adapted to specific user demands.

Due to this flexibility, Triple I provides an excellent management device for sustaining effectiveness, efficiency and sustainability.

One Tool for Financial, Technical & Geographical Data

The tool provides the user with an efficient system to monitor, document and visualize data, and builds a suitable basis for the monitoring and evaluation of projects and investments as well as future maintenance and operation.

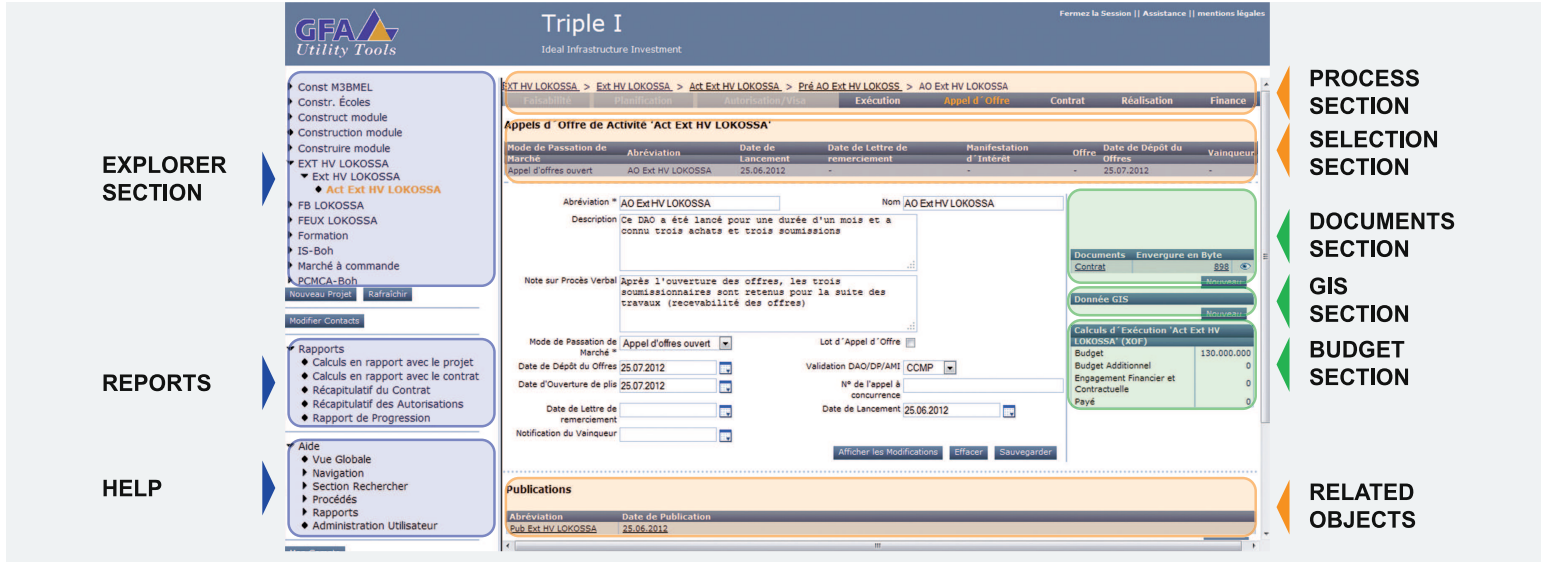
Demand-oriented Customizing Thanks to its basic and modular design, Triple I can be customized to fit individual workflows and specific demands of potential users in a very short time.

Document Upload Featuring individual processes, the user is guided through all workflow phases and steps. Aside from pure input of technical, financial and spatial information all relevant documents (papers, tables, presentations, plans, maps, and photos) can be uploaded, and individual explanations at each step can be added. External data can also be integrated through interfaces.

Product Features The web-based software package has an integrated database that can be flexibly customized and scaled freely to local PC, Intranet or Internet hosting. Open source components with no license costs, fast implementation, and low maintenance costs complement the product's features.

Service Support and maintenance can be provided by local IT experts or via remote access by GFA B.I.S. The optional hosting of the software at GFA B.I.S. enables the use of Triple I without any additional hardware or installation cost.

Triple I at Work



The screenshot displays the Triple I software interface, titled "Triple I Ideal Infrastructure Investment". The interface is divided into several sections:

- EXPLORER SECTION:** A sidebar menu on the left containing options like "Const M3BMEI", "Const. Écoles", "Construction module", "Construction module", "EXT HV LOKOSSA", "Ext HV LOKOSSA", "Act Ext HV LOKOSSA", "FB LOKOSSA", "FEUX LOKOSSA", "Formation", "IS-Boh", "Marché à commande", "PCMCA-Boh", "Nouveau Projet", "Rafraîchir", "Modifier Contacts", "Rapports", "Calculs en rapport avec le projet", "Calculs en rapport avec le contrat", "Récapitulatif du Contrat", "Récapitulatif des Autorisations", "Rapport de Progression", "Aide", "Vue Globale", "Navigation", "Section Rechercher", "Procédés", "Rapports", "Administration Utilisateur".
- REPORTS:** A section below the Explorer, containing "Rapports", "Calculs en rapport avec le projet", "Calculs en rapport avec le contrat", "Récapitulatif du Contrat", "Récapitulatif des Autorisations", "Rapport de Progression".
- HELP:** A section at the bottom left, containing "Aide", "Vue Globale", "Navigation", "Section Rechercher", "Procédés", "Rapports", "Administration Utilisateur".
- PROCESS SECTION:** A top navigation bar with tabs: "Faisabilité", "Planification", "Autorisation/Visa", "Exécution", "Appel d'Offre", "Contrat", "Réalisation", "Finance".
- SELECTION SECTION:** A section below the Process Section, containing "Appels d'Offre de Activité 'Act Ext HV LOKOSSA'", "Mode de Passation de Marché", "Abréviation", "Date de Lancement", "Date de Lettre de remerciement", "Manifestation d'Intérêt", "Offre", "Date de Dépôt du Offres", "Vainqueur".
- DOCUMENTS SECTION:** A section on the right, containing "Documents", "Envergnure en Byte", "Contrat", "233", "Donnée GIS", "Calculs d'Exécution 'Act Ext HV LOKOSSA' (XOF)", "Budget", "Budget Additionnel", "Engagement Financier et Contractuelle", "Payé".
- GIS SECTION:** A section on the right, containing "Donnée GIS".
- BUDGET SECTION:** A section on the right, containing "Calculs d'Exécution 'Act Ext HV LOKOSSA' (XOF)", "Budget", "Budget Additionnel", "Engagement Financier et Contractuelle", "Payé".
- RELATED OBJECTS:** A section at the bottom right, containing "Publications", "Abréviation", "Date de Publication", "Pub Ext HV LOKOSSA", "25.06.2012".

Communal Development Program, Benin GIZ, 2011 – 2013

The program aims at transferring political, administrative and fiscal competences from the national level to decentralized and local authorities. The latter will be enabled to deliver better and demand-oriented services. GFA advises municipalities on development and investment plans, budget planning, tendering procedures, management of communal property, and overall economic development promotion. In this context, Triple I is applied to support municipalities in governing public procurement and managing municipal assets. In addition, the system assists in visualizing investment plans and infrastructure construction at district and local level through its embedded GIS/Mapping feature. The visualization of plans supports inter-municipal cooperation and coherence within development plans of neighboring local authorities.

Integrated Innovation Support in Serbia European Union, 2011 – 2013

The program (IISP) aims at increasing competitiveness and economic growth in the Republic of Serbia by strengthening innovation in small and medium enterprises (SMEs). It comprises the improvement of institutional capacity for efficient support to product and process

innovation within SMEs and of instruments for financing SME innovation activities. Triple I is used as a monitoring and evaluation tool which assists the project in managing its resources for the provision of consultancy services and in monitoring implementation and results. Triple I's contact management feature facilitates networking and linkages between stakeholders.

Municipal Infrastructure Credit Line, Serbia KfW, 2009 – 2012

The project provided infrastructure investments in municipalities in the following sectors: water and sewerage, waste water, solid waste, energy supply and energy efficiency, transport infrastructure, public transport systems and communication, economic and social infrastructure. The credit line was disbursed to eligible municipalities and public sector utility companies via Serbian on-lending banks. Triple I as a data management system supported loan administration to archive and monitor the distribution and repayment of loans as well as the infrastructure investments financed.

Contact

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