Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

NEW Web Platform
ON RENEWABLE ENERGIES FOR LIBERIA:
www.renewables-liberia.info

The web platform www.renewables-liberia.info is an independent web portal for anyone interested in the renewable energy sector in Liberia. International Partners, government, NGOs, experts, donors, investors, training institutions and businesses and anyone else are invited to connect, cooperate and share information.

Electrification of health centers and schools

Renewable Energies in Liberia

Reliable access to electricity in Liberia is at less than 5%--still among the lowest in the world. Renewable energies such as hydro, solar, wind and biomass are slowly but increasingly replacing diesel, charcoal and dirty fuels. These energy supplies can supply almost all energy needs of the people of Liberia and contribute to development.

What the Web Portal Offers

The web portal contains different sophisticated and specifically adapted Information technology (IT) tools adapted for Liberian needs: a stakeholder directory, reliable data, dynamic maps, background information and articles about renewable energy technologies, programs, and activities in Liberia. News articles, videos and pictures provide updates about what is going on in the sector. Under the "Get Involved" section of the portal, stakeholders can register to present themselves, find more information, contribute, or find opportunities, tenders and vacancies.
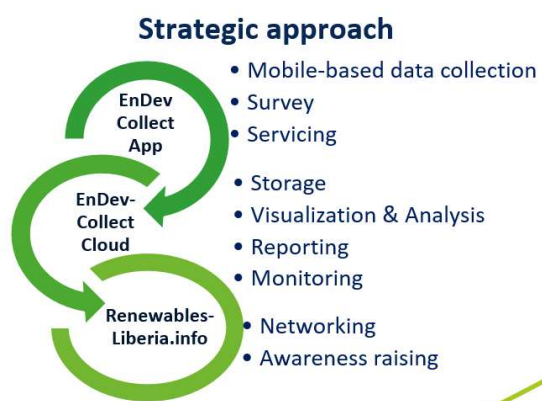
Get involved: Join Renewables Liberia, Contribute, Spread the Word

Liberia already benefits and will benefit more from a strong renewable energy sector that delivers jobs and investment, while cutting carbon emissions and securing Liberian energy supplies. The web platform is for and from different stakeholders in the renewable energy sector in Liberia, who aim to lead and inform how the growth of renewable energy can help sustainably light and power Liberian homes and businesses. The Renewables Liberia team consists of people from different institutions and is looking for more new members. We invite you and your organization to be part of 'who is who' of the Liberian's growing renewable energy sector. Register in the stakeholder directory, send relevant information or feedback to info@renewables-liberia.info, follow us on Twitter, "like" the Facebook page and spread the word.

Why This Web Platform?

To provide sustainable energy access, various stakeholders depend on sound information and clear communication. Donors, ministries, investors and other stakeholders need facts to know what is going on to avoid duplications and delays, and to understand what to do for relevant, sustainable projects. Companies and other actors in the private sector need visibility, training and financing so that investments, businesses and customers get connected and skilled people involved in projects and opportunities. Consumers need awareness and trust in technologies and services in this new market. There is not much experience with solar power, hydropower, biomass and clean cooking.

The Web Platform is Part of the innovative ICT4Renewables Toolbox
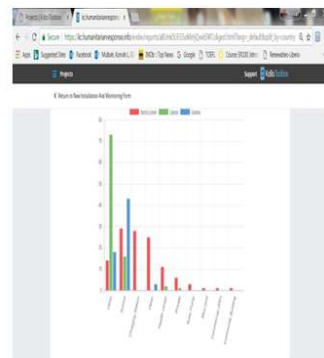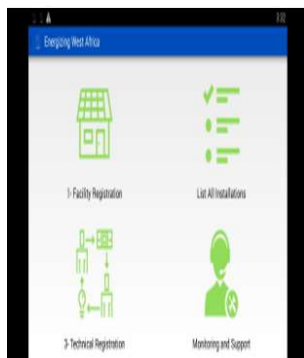

The web portal is part of the ICT4Renewables Toolbox that combines smartphone apps, mapping tools, social media and a web portal for sound data collection, visualization and analysis as well as information sharing and networking. This systematic, adaptable ICT approach largely developed by GIZ/Energising Development (EnDev) enables stakeholders in the Liberian renewable energy sector to understand, analyze and exchange facts and experiences. This allows efficient planning, coordination and collaboration to grow the sector so that more Liberians have access to sustainable energy.

Data Collection and Presentation: App and Mapping tool

The ICT4Renewables EnDev Collect Android App contains different applications for instance for registering, monitoring and documenting the repair of solar systems or solar dryers. Other applications

can be created based on needs and demand. The Mapping Tool transforms collected and external data into a dynamic web map that makes key information easy to access and allow stakeholders to get insights based on location intelligence. By clicking on any point in the map on the web portal, relevant specific data can be seen. Widgets at the side of the map allow summaries and analyses. For instance, it is possible to see the capacities of all installed solar systems, or by clicking on schools the total capacity of solar systems only in all schools is shown.

The ICT4Renewables Toolbox leverages the latest technologies and open source platforms. It is developed using agile approaches and concepts like Scrum and Kanban. It's a joint effort of government organizations, international NGOs and GIZ/EnDev and their Data-Warehouse-Expert Hamza Zbidi. This Toolbox is continuously adapted to be a valuable asset to the Liberian energy sector.

Join us at www.renewables-liberia.info! info@renewables-liberia.info

Contact for EnDev

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