



WHAT IS JHUB?

JHUB creates an open knowledge and innovation space for South Sudanese youth to connect and collaborate, while providing an accessible resource centre for creative learning and exploration. Adopting an open system approach, nurturing together entrepreneurship, socialisation, collaborative enterprises using hands-on, virtual, and e-learning digital environments as a means to understand South Sudan's diverse culture and structure. JHUB's capacity building and development elements are oriented towards open culture and are designed to take advantage of the wide range and accessibility of open source tools. These platforms and methodologies include extensive use and promotion of "Open Education Resources" (OERs).

Jubahub.org

The Open Learning Guide is an outcome of "Step-Up Juba Media Lab", a collaboration with Kapital Movie and the new JHUB community in South Sudan, produced with partners icebauhaus and r0g_agency for open culture and critical transformation in Berlin. The program is funded by the German Federal Ministry of Economic Cooperation and Development (BMZ) through its program of "Support for Media, Access to Information and Freedom of Expression" in 2015.

GLOSSARY

Android - is a robot designed to act and look like a human, and is now commonly known as a Linux-based open source mobile operating systems (OS), developed by Google for smart phones

Blended Learning - is a form of teaching and learning where the student learns at least part of the content and instruction via digital and online media with some element of student control over time, place, path, and pace (the Step-Up Juba Media Lab / icebauhaus Global LEARNING platform is intended to encourage both Blended Learning, promoting OERs and the development of P2P for learning)

Code-then (or Hackathon) - Computer programmers and developers, visual and user experience designers collaborate intensively to build innovative software.

DIY - Do It Yourself

DIWO - Do It With Others

ICT - Information and Communications Technologies

KAPITAL - an acronym for Knowledge, Afro-technology, Peace, Information, Technology, Activism and Liberty, is a collective of independent media and film makers, artists, designers and technologists promoting open culture in South Sudan.

Maker - refers to growing global maker culture movement, an extension of DIY (Do-it-yourself) culture interested in creation and innovation of built objects that have a technological component. This can include home made robots, flying machines (such as South Sudanese inventor George Mat's airplane), traditional activities in arts and crafts which focus on using and learning practical skills and applying them to design and invention.

MOOC - Massive Open Online Courses offered by major universities for free study, aimed at unlimited participation and open access via the web.

OER - Open Educational Resources, which are free and openly accessible, openly licensed documents and media that are useful for teaching, learning, or for research purposes

P2P - Peer-to-peer, a network that distributes tasks between peers (either similar computers, team members or colleagues). Peers are equal participants in an application or work pursuit. Graphically they form a decentralised 'peer-to-peer' network of nodes, as opposed to a centralised system. P2P can also be considered a model of collaborative learning and passing on of knowledge among like minded participants. The KAPITAL Virtual Academy (KVA) developed through a P2P form of learning and mentoring.

RFID - Radio-frequency identification (RFID) is the wireless use of electromagnetic fields to transfer data, automatically identifying and tracking tags attached to objects.

Up-Cycling - Also known as 'creative reuse', the process of transforming by-products, waste materials, useless and/or unwanted products into new materials or products of better quality or for better environmental value.

UX - User Experience ... refers to practical, experiential, and meaningful aspects of human-computer interaction. A 'good' UX indicates a technology that works well and is useful for the people it is intended to serve.

Wiki - a website or database developed collaboratively by a community of users, allowing any user to add, edit, revise and delete content.

Wikipedia - Collaborative global open encyclopaedia and knowledge resource.

JHUB

South Sudan's Open Knowledge and Innovation Hub OPEN LEARNING GUIDE



KAPITAL MOVIE is a Juba based grass-roots film, art, design, and entertainment training initiative. The Virtual Academy is a key activity of the KAPITAL Movie collective, an independent group of young designers, filmmakers, IT professionals and artists. Tapping the hopes, aspirations and dedication to create a new future beyond conflict they have come together to address the acute post-independence social, political, educational and environmental challenges arising from decades of civil war, with an urgent need to pro-actively strengthen and amplify the voice of youth seeking to eradicate the senseless violence that has gripped the country from within. kapitalmovie.net

icebauhaus is the German partner in the international icehubs-network of green-tech & social innovation hubs, geared towards a bottom-up strategy that combines both local and international trends with state-of-the-art technological developments. icebauhaus' work is primarily project-based and community oriented. The members are experts in various academic disciplines, entrepreneurs and generalists with a great deal of background experience in international cooperation. Main expertise and experiences: ICT in agriculture [ICT4ag], experimental building & low-cost housing, techhubs, maker spaces and innovation networks. icebauhaus.com

r0g_agency for open culture and critical transformation focuses on actual practice and projects embedded in communities. Its network aims to influence policy from the ground up, to inform and create better policy outcomes, extend networks and support - bringing together arts, culture, open development, civil society and transparency. r0g_agency's work taps into the power and breadth of contemporary free and public domain resources including open educational resources [OERs], free open source software [FOSS] and hardware, open data and open knowledge repositories. openculture.agency



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STEP-UP JUBA MEDIA LAB is funded by the German Federal Ministry of Economic Cooperation and Development (BMZ) through its programme of "Support for Media, Access to Information and Freedom of Expression". bmz.de/en