Johannes Rauch Albert Rauch Claudia Beck

Sylvia Ritter

Peter Türtscher Ulrike Türtscher

Kontakt: DI Franz Rauch Torkelweg 11, 6824 Schlins Tel: 05524 / 2570 e-mail: einewelt@gmail.com



DOCUMENTATION FEB. 2013

Aid Mission Nov. 2012 | Dez. 2012 | Jan. 2013





	Organizational Structure RDO – Mdabulo Projects 2013	1
1.	RDO – Headquarter (Headquarter of Rural Development Organization	1
2.	RDO – Agriculture Mdabulo und Ibwanzi	4
3.	VTC - Mdabulo - Artisan - Center	7
	Metalworking – Workshops	7
	Inventory List – Metalworking Workshops RDO – Headquarter	10
4.	VTC – Ibwanzi	14
5.	Water - Projects	19
6.	Solarproject – Kindergarten Ludilo	23
7.	Orphan – Housing – Program	26
8.	Orphan – Support – Program	32
9.	Kindergartens	33

Organizational Structure RDO-Mdabulo-Projects 2013

After the official procedure of NGO Registration of RDO-Mdabulo-Projects through the Government of Tanzania in Jan. 2012, the Board of Directors and the the Committees were correctly constituted by the Project-Coordinator Mr. Fidelis Filipatali.

At present the Headquarter of RDO (Rural Development Organization) is accommodated in the BFA-Office in Mdabulo-parish, until the RDO – Center Buildings are finished. All members of the NGO are working voluntarily, just the Coordinator Mr. Fidelis Filipatali, a driver Mr. Fweda, and the Workshop manager of the metal workshop Mr. Kiwonde are hired on a fee basis.

The primary goal is increased acceptance of responsibility by the committees. Especially the financial sector, which was originally managed exclusively by Fr. Duma has proven to be challenging because in the villages are only a few people,



for example having access to their own bank accounts. Fr. Duma was relieved of the finances. The RDO - Steering Committee now manages its own accounts, the individual projects. To get an even better overview of the budget and accounts, a computer program (Quick Book system) was acquired by the project coordinator, which he had used during his training as an accountant in Arusha.

Thus Fidelis Filipatali is able to control any time which inputs and outputs have to be recorded.

In November 2012 Johannes Rauch traveled to Tanzania to unload the container for the construction and launch alongside other various construction projects. Current status of RDO management and construction:

1. RDO – Headquarter (Headquarter of Rural Development Organisation)

Below the mission Mdabulo a plot was allocated. The base is secured, the release of this is to compensate for trees, which have been registered on RDO. There have already been erected several buildings:

- a) Power–House Generator for the water pump (corn mill in planning)
- b) Coordinator House Apartment and office for the project coordinator
- c) Teachers House Accomodation for professionals from Austria
- d) Container I Warehouse for regular aid distribution to orphans
- e) Container II Warehouse for grain as emergency rations for orphans
- f) Landscaping
- g) Biological treatment plant for the RDO center (still in progress)





a) Power House for Generator

Here is a corn mill to be accommodated





b) Coordinator - House

in the Background Container II





c) Teacher House Construction on the Teacher-House: Windows and doors are finished, installation works have been partially executed and instructed to self-completion by locals.





d) Container I is currently placed in the courtyard of the Mission $\,$





e) Container II was transported from the mission to the RDO plot with the help of a specially prepared wheel axle, which was put on the the tractor $\frac{1}{2}$





Container II is used as a grain store for the emergency rations of orphans in the dry season





f) Garden design. First gardenings were led by Sylvia Ritter Dez.12/Jan.13

2. RDO - Agriculture Mdabulo und Ibwanzi



Some fields below the RDO Mdabulo center in an agricultural area have been assigned. These fields are planned as part of the BFA (Best Farmer Association). It is to create more experimental and demonstration fields. Additionally provided is a Demonstration-barn for the livestock-farming, and also an agricultural training center.

Demonstration to Compost-pile by Sylvia and $\mathsf{BFA}-\mathsf{members}$.





Land for the demonstration fields below the RDO center Mdabulo



At the VTC - Ibwanzi already a chicken coop and a pig pen with a sow were established for agricultural training facility. Likewise, a "greenhouse" (shadegiving) for growing seedlings and cuttings.

Seminaries for sustainable agriculture were held by Franz Rauch.

Horticulture and Nursery Ibwanzi





Two students from the BOKU University Vienna started experimental projects under their thesis





Christopher and Aron explain the unfinished projects to Sylvia. They will find the use of the future nursery or tree nursery.









A shading roof of Christopher and Aron (BOKU $\,$ Vienna) for growing plants, and the collection of materials for composting



3. VTC - Mdabulo - Artisan Center

Metalworkshops

The metal workshops in VTC – Mdabulo are now completed and equipped with machines and tools (see following inventory list from Jan.2013). There is a metal workshop, a workshop for sheet metal processing and a mechanical workshop – accordingly to the Austrian Standard of a training workshop - created by Peter Türtscher, and passed completely to the workshop manager Mr. Kiwonde and the project coordinator Mr. Filipatalis. The workshops will include also extensively used as an infrastructure for building activity in each RDO - projects.





Metalworking at VTC Mdabulo.





 $For the \ electrical \ installation \ work \ at \ VTC \ Ibwanzi \ the \ box \ in \ the \ workshop \ Mdabulo \ is \ prepared.$

In several training sessions which were part of the "learning-by-doing-program" under the expert guidance of the locksmith Peter Türtscher, material storage rooms furnished (manufacturing of shelving systems, storage, tool order, etc.) and metal working machines placed, passed and instructed. All occurring craftsmen work was taught professionally.





Shelving for material storage areas are produced in the Metalworking – Workshop





Storage for electrical equipment and solar systems.





Screw storage and storage space for installation materials

Sheet metal processing machines were installed, trained and passed the workshops $\operatorname{\mathsf{Head}}\nolimits$ Mr. Kiwonde.







Plate Shear Folding Machine Edging Machine





Set up and instructions to the machines in the metal workshops from VTC Mdabulo.





Hand Punching Machine for VTC Ibwanzi

By the fixed component of the fully fitted workshop a training offer has been created, which was used already useful during the last year.



Metal Workshops RDO-Center

Jan. 2013

Metalwork Workshop – Machines and Tools

- 3 Handdrilling machines (1x Fein ○13, 1x Metabo ○13, 1x Hitachi ○10)
- 4 Angle Grinder ⊘125 (2x Bosch, 1x Mtabo, 1x Makita)
- 1 Angle Grinder ○180 Bosch
- 1 Angle Grinder

 ○230 Bosch
- 1 Grinder Internally
- 1 Welding Trafo (Fronius- Schweissmax)
- 1 Welding Trafo grey (380 V)
- 2 Welding Trafo Weider
- 1 Rectifier (Fronius Transpoket)
- 4 C-clamp 250mm
- 2 C-clamp 350 mm
- 1 Compressor 380V blue
- 1 Band-Saw (Berg u. Schmidt)
- 1 Cutting-off-Machine

 320 Bosch
- 1 Dil -Tools (Spanner, pliers, Screwdrivers, Handsaws, Angles, Chiesel, etc.)
- 1 Workbench with 2 Vices
- 1 Welding –Table
- 1 Perforated Board with Base
- 1 Anvil 150 kg
- 1 Smith's Hearth electrical with Hood (Zangu)
- 1 Twin Bench Grinder
- 2 Upright Drilling Machine with vice
- 1 Firewood Saw
- 1 Handshears (f. Flatsteel and Profilesteel)
- 2 Handpunching Machine with Tools
- 5 Extencion Cable 230V
- 2 Extencion Cable 400V
- 1 Hilti Drill Hammer TE 15
- 1 Circular Saw (Construction in progress)

Sheet Metal Working – Workshop

- 1 Plate Shear RAS 2500x3
- 1 ELO Edging Machine 2000x2
- 1 Hand Edging machine 2000x1
- 1 Alu Stepladder
- 1 Set of 1 table and 2 benches

Mechanical Workshop – Machines and Tools

- Lathemachine with digital display and equipment 1
- 1 Double grinder bench
- 1 Box column drill (Table)
- Lista box with small tools and materials 1
- div. cutting chiesel Hard Metal 8

Driller $\bigcirc 3 - \bigcirc 24$

Machine Srew Tap M4 - M16

- 3 Sliding Caliper
- Anglemeter 250/500 1
- 1 Metal Folding Yardstick 200
- 4 Plumber Gripper
- 1 Alu – Carring Case Elektricity Gripper and Knife
- 1 Set of Handtools (Hammer, Gripper, drilling bit)
- 1 Wall Box with grinding- and cutting wheel
- Compass Saw, div. Welding Glasses, Hand Sawblades 1
- 1 Circular Handsaw – Wood
- Makita Alu Drillingmachine 1
- 1 Workbench with bench wise
- Pipe thread cutter½ " − 5/4" 1
- Builders level with tripod Stand 1
- Set of Wrench Socket 1/4" 1/2" 1
- 4 Pedestal Bearing

 ○40
- Pedestal Bearing ○50 2
- 2 Shaft **○40**
- V-Belt pulley 5

Small Machines and Tools – Store Room in Father's house

- 1 Angle Grinder

 ○125 Bosch
- 1 Angle Grinder

 ○230 Bosch
- Angle Grinder **○125** Metabo 1
- 1 Drilling machine Metabo **○13**
- Accu Dry Wall Saw Hilti 1
- Accu Drilling Machine Hilti 1
- Drill Set $\bigcirc 1 \bigcirc 10$ 1
- 1 Hand Tap Set M3 – M12
- Locksmith Hammer 2
- 20 Hand Sawblades
- **Sliding Caliper** 1
- 2 Pkt. Elektrodes ○3,2
- 3 Spirit Levels

Metal – Screw Store Room

- 2 Water Pumps old
- 1 Dieselmotor (Tractor)
- 1 Generator blau
- 1 Rectifier (→ Mechanical Workshop
- 1 Hand Pallet Truck
- 1 Lifitng Jack orange (big)
- 1 Steel Jack 10 to
- 1 Steel Jack 5 to

Belts with Ratched Straps, Lifting Belts, Saw Blades, Paints, Wood- and Steel Screws

1 Large Container Primer Paint

Fitting 1/2" - 2"

Pump Tube Connectors 2" with Seier and Return Valvel

Drive Belt

- 1 Lifting Iron, big
- 1 Lifting Iron, small
- 2 Elo Lifts
- 1 Hand Shear f. Flat Steel with Replacement Blades

Elektric - Store Room

Set Up f. Felder Wood Working Machine

- 10 Batteries (Solar)
- 3 Batterie Chargers (grey)
- 2 Batterie Chargers (red)
- 1 Charger Fronius
- 1 Elo Motor yellow with Switch
- 1 Elo Motor grey with Switch
- 1 Computer (packed)

Cabel, Switches, Electro Boxes , Splitter Boxes

Light Bars and Fluorescent Tubes f. RDO – Center

- 1 Bench Drilling Machine f. Ibwanzi
- 1 Metallbox 6mm with Electrical Materials → Indentation spring
- 1 Switching Cabinet, empty
- 1 Junction Box VKW (Vorarlberger Kraftwerke)
- 3 Elektrical Distributors f. RDO Center
- 1 Box Silicone with Syringe
- 1 Foam Spray Gun

Metal – Large Store Room

Apparatus for unloading Containers

Steel sections and merchant bars

Various Metal Sheets

Felder Woodworking machine

Wood Turning Lathe (under Construction)

- 3 B. Electric Conduits blue
- 15 Electric Conduits grey

Gutters plastic white + accessories Dachrinnen Kunststoff weiß + Zubehör

Drainpipes S100 blue

Future Perspective Artisan Center Mdabulo

Now it is planned to set up a training course, which will be submitted by the RDO. Training courses for agricultural and metal crafts are available.

The metal workshops were passed by Peter Türtscher, fully equipped and accordingly to the standard of an Austrian training workshop. (Inventory list above). Mr. Kiwande, the workshop manager was employed by RDO. He is capable of training metal craftsmen practically.

A new track is formed: now it will be possible to produce products in the metal workshops and to sell them. Examples include sheet metal doors, windows, gutters for roof water catchment. Likewise, simple machines such as corn mills, or Wood working lathes are manufactured for furniture production. Demands in the villages are also carts and ox carts, repairing works, location seats rotate or welding works.

The technical management does Mr. Kiwande, the accounting is done by the project coordinator Mr. Filipatali. Both jointly take care of the marketing. The proceeds will be re-introduced into the RDO (eg at present for the salaries paid to the project coordinator, workshop manager, driver).



Prototype "for future products from the metal workshops Mdabulo (left foreground - an unfinished table saw, on the right- steel doors, etc. for Power House)

Franz Rauch will travel to Tanzania in February. It still must be clarified exactly who owns and leasing contractions concluded with the Diocese of Iringa. The exactly clarification of the current power-billing at Mdabulo Parish has also to be fixed.

4. VTC - Ibwanzi

In January 2013, a diesel generator and electric - run plumbing and power lines were installed for the Powerhouse of VTC Ibwanzi.

The generator was delivered by the African dealer to the workshop of Mdabulo and it was assembled there. The transport to the remote village Ibwanzi was done with by the project tractor.



For the loading of the generator own elevator was built by Hannes Rauch







Electrical cable is routed from the Powerhouse to VTC building





Exhaust and cooling drum for the generator in the PH.

Connection of rectifier





Electrical installation work at the Powerhouse

With the new power supply also the planer for wood workshop in VTC Ibwanzi was already in trial operation, although the construction of the workshops is not yet finished.



Transport of the planer from Mdabulo to Ibwanzi by project - tractor



The trailer is lowered so that the machine can be drawn on the "ramp".



The planer is drawn to the site of the carpenter's shop.







The walls of the Carpenter's Workshop are already finished





Peter Türtscher takes the planer in trial operation





The Power supply to the diesel generator in the powerhouse that drives also the water pump. It works

For VTC Ibwanzi currently a metal workshop is intended (without sheet metal processing and mechanical workshop) and joinery training workshop. The planer and a router that is currently being made in the workshop of Mdabulo, are offered as an opportunity for contract work with local carpenters. The goal is to be financed by the proceeds of these machines, teacher salaries and workshops operating costs.

5. Water – Projects

Spring Tapping, Water Pump at VTC Ibwanzi

In the village Ibwanzi the first electric water pump was started up in January 2013.

Public water supply with pump system is very important for the villages of our project region. It is a fundamental facilitation especially for the women and children, who are carrying the water from the standpipes to the households.









In Nov.2012 Villagers of Ibwanzi digged together with Johannes Rauch a foundation trench to build a water pipe from cutting up to VTC Ibwanzi.



In Jan. 2013 Peter Türtscher fitted the wire tubes and a Diesel generator. He connected the first electric water pump.

This pump works for a vertical height of 90m, and filles a water tank which has a capacity of 3000 litres.

For future there are more spring tappings, pipings and pump installations in the region in planning stage.

The first spring tapping (without pump system) was carried out in Dec. 2011. Piping and pump installation will follow.

On time the village Ibwanzi is still without electricity, therefore the expensive Diesel-generator is the temporary solution for the driving mechanism of the water pump.









Installation of electric water pump at the spring tapping of VTC Ibwanzi.



For other water intake points the vertical height measurings are now finished for the dimensioning of the pipelines. Franz will continue proceedings at his visit in February.



Watersystem at RDO – Headquarter



Below of RDO – headquarter in Mdabulo another spring tapping was accomplished. This source provides RDO-Headquarter and the surrounding Village people with drinking water.

Abstract and future prospects of water projects

Under the direction of Lukas Tomaselli we have started with educating villagers for water spring tapping in Nov. 2011.

Franz Rauch could accomplish two more spring tappings in 2012 with two well trained residents of Ibwanzi. These two persons are now able to accomplish spring tappings with other villagers.

The first spring tapping was a success. At one hand there is excellent quality of drinking water (officially certified) and on the other hand in the sustainability of amount of the last 2 years.

Also heavy rains did not affect the capacity. With this success increasing awareness aroused in the whole region. Representatives of other villages approached to RDO committees asking for help with their water problems.

In future we will take public water supply as a matter of fact. We will intensify our joint efforts and take it as a matter of consequences. The tanzanian government is unable to support the villages because of increasing problems in the towns. That is why it is of particular importance that we can offer more trainings for spring tapping for villagers.

6. Solar – Project Kindergarten Ludilo

Mission in November 2012

Johannes Rauch, Overall Direction Albert Rauch, Controllership Solarproject Claudia Beck



To advance the solar electrification in the rural region another solar construction was installed on the roof of Kindergarten Ludilo. Main priority was that the two Solar-technicians Baptista and Gasto should construct the facilities very self confident to show that they are able to implement their studies of Sierra Leone. Further on two young men from Ludilo Afroshi and Yusuph were integrated and trained with additional course of instruction.

In future these two men will service the solar project of Ludilo and coordinate the expenses of the solar lamps for the residents.

The first step was to offer 50 solar lamps and loading benches for mobile phones. In case of successful development of the solar project in Ludilo, the number of solar lamps will increase.

Gasto und Baptista, the two solar technicians in front of Kindergarten Ludilo

During the stay of Johannes Rauch the opening of the solar construction was celebrated. The village organized a big feast where villagers were dancing and singing and celebrating till darkness.

Orsolina and Fidelis and several members of orphan committees were invited as officials of our Tanzanian NGO (Rural Development Organization). In his speech the chairman of Ludilo gave amongst other things also many thanks to our sponsor Mr. Emil Nachbaur, who was up to this Kindergarten.



Johannes Rauch acted as an official of one-worldgroup Schlins/Röns. The village Ludilo assigned to him to plant an Avocado tree as a symbolic act in the garden of the new Kindergarten. This tree is out of the new started nursery at VTC Ibwanzi. The tree should spend shade and bear fruits for the children and demonstrate emblematically the growing and prosperity of the children.

Grand opening of the solar facilities at Emil Nachbaur Kindergarten Ludilo



Johannes Rauch is planting an Avocado Tree





Up to now orphans got kerosene for their lamps. Kerosene lamps shall be replaced by sophisticated solar lamps. This is an innovative alternative to the inefficient, harmful to health and dearly expensive Kerosene lamps. Solar lamps lighten brighter so that pupils can also do exercises and learning duties for school after sunset. On these grounds electric light is a contribution to learning and knowledge, which is urgently useful against poverty and miserable.





Albert with Solarteam





Claudia and Gasto

A second panel for VTC Ibwanzi

Experience after 1 year Solaroperation



The solar construction is used for loading the solar lamps, Handys and car batteries. For each loading a small amount has to be payed. From parts of these takings we could buy a motor saw which also can be borrowed from the project.

The used solar panels and solar lamps fulfill the requirements and they established.

The organization structure for borrowing and charging for loadings fees are working very well.

7. Orphan – Housing Program

At beginning of rain period construction works for the homes of orphan families stop temporarily, because in that weather period construction works cannot happen.

For this year from Oct 2012 we managed to build 25 houses belonging to the orphan who are in RDO program. 18 houses are new, 7 houses are renovated

All this houses are having windows and doors and orphan families who own those houses are now leaving in it, having a new life and new good hope toward their miserable life. They all are happy.

RDO plan was to build 40 to 50 houses in which 2 to 3 houses was suppose to be built from each village but the qualification was partly families had to contribute material wise like bricks, wood ,some activities, also had to make an agreement to that family together with village government ,orphan committee,.. that the house will be owned by the orphan.

The experiences with in the housing program showed us, that most of the considered Houses cannot to be repaired because of leaky roofs and missing base plates, so that the walls are beveled.

In case of new building the two architects Magdalena Rauch and Christian made a plan for a simple standard house, which can be used for all buildings.

At the Metalworkshop in VTC Mdabulo there are some materials stored. These building materials are administrated by Mr. Guerino Dugange. Orphan Attendants can come here with their orphan to pick up materials for the house renovation. The materials are registered and cleared with RDO.



Elizabeth Nyaganillua with her orphan attendant Eda Chuali







Standard House for new orphan homes





The housing-program developed well. The committees in the villages choose the poor families very careful, the coordinate and control the procedure of the renovation or new building. In this context it turned out that the adoption of adult attendants was very helpful for the functioning of the system of orphan support.



Very much appreciated are especially the dry beds in the new houses. This means a significant improvement in quality of life, as well as in the desolate houses the soaked clothing is due to excessive demand partly rotted. The children then have only the clothes they wear on their backs.

Especially the girls in the children's families are particularly disadvantaged. They care according to the traditional division of roles mainly in the village societies around the house work. In addition to the school and work in the fields they are hopelessly overwhelmed when for eg the principle consuming work with the clothes care cannot overcome because in the desolate house there is not a dry place available because of the broken roof. This results in a vicious circle. Committee members and orphans companion report that mostly girls do not create the dislocation in the school because of the increased expenditure on household chores (higher dropout rate in school attendance).





In the old house: apertured roof, damp walls and damp soil, the clothes will not dry, hopelessness and lethargy may spread





The new house is dry. Again face life for residents is coming back.

Repeatedly confirmed was, that personal contact from Austria is perceived to orphans affected families in the villages to be valuable. This relates both to the patients themselves, as well as the volunteer companion The meetings are for visits after initial shy reticence very open and friendly. A major factor seems to be the careful preservation of personal dignity in spite of abject poverty and disease to be (high proportion of HIV infected people, teenage mothers, who were often raped, etc.). What is striking is that old, mostly already frail women (called "Bibi" - grandmother) living with the orphans love to joke a little and almost always have fun when they are photographed.





In this house Adelina Kalinga, an orphan in the village Mhweve is living. The 5-child family lives there with her grandmother. Adelinas sister is HIV infected, she lives with her sick baby in the same household. The baby is also infected, it also has a bowel disease, and would require an operation, but the family cannot pay the medical treatment. Adelina is in the orphanage program and therefore she can go to school (secondary school). The family is included in the Housing program, their new house is currently with the help of special neighbors still under construction. A very socially conscious neighbor, for example, all alone made the bricks for the poor family house and made available.





The new home of the family Kalinga is still under construction, in Vodergrund bricks that were made by a neighbor entirely alone.





Adelinas grandmother is very much to laugh at herselves, than it is stated that she is now not in the camera, even when seen as a picture of her ...

Especially with the companions (Orphan Attendents) our model effect is clearly visible. They are watching closely our behavior affected families over (eg gentle questions about existing problems, or ask permission if you can go into the house or even taking time for a little linger together. They are telling happy and proud of the progress of their charges or for example, the changes evident in the neighborhoods are clearly with orphan families who are included in the program. Records in the books of orphan attendants also show some of their joyful that confirms how important it is to visit orphans families.

It is described on several occasions that the neighborhood contacts had become easier, obviously, several taboos been resolved relating to the poverty of the orphan families. It is reported that the neighbors very helps that they have a starting point (orphans Committee) where they can at least make a request for assistance. This had the effect that they could try again more contact with the poorest. Thus has changed obviously also for the villages already some companies, the care again increased for the needy.

With the volunteer work also increases the prestige and social status in the village. It also seems to have a special "honor" to be if you are visited by the white "project people", and there were many shy asks whether we will come back, so that we could eat together....

Despite language barriers often a careful, cautious compound is perceptible, which obviously generates optimism and hope. So from one committee a woman was presented, Alet Kipundulz, who could not stand up a full year due to illness (HIV infected). A neighbor had then tried to ensure the orphanage committee that the eldest son of 5 children could get into the program. Also, the family was taken to the Housing program in order to conduct an organized house renovation in the way

Alet told today with pride and joy as she came increasingly to forces that could get up again, and even she could carry the wood for the new roof again. In the house she has decorated the walls with hand-squeeze of the children, and now thei're waiting for windows and doors. When installed, the family, which is currently housed in several other families can live together again.





Alet currently resides at the neighbors until their house is finished. With 3 children in front of the new house.





Decorated walls in the new house.

8. Orphan Support Program

Presentation in the Tanzanian Ministry of Social Affairs

At the beginning of December 2012 a high-ranking delegation of U.S.Aid and deputies from the Tanzanian Ministry of Welfare visited our orphanage program. Orsolina, Laurentia and Fidelis presented our program and visited for a period of 2 days, several orphan families in the project villages.

In the final protocol our program was highlighted as a very exemplary. Orsolina, Laurentia and Fidelis were invited to the Ministry to Dar es Salaam in order to present the project to that.

According to representatives of US-Aid-this is the only program in East Africa, are cared for in the orphanage orphans outside the usual centers.

Meeting with the new committee.

The Board of Directors in the orphanage have changed this year. Mrs. Orsolina Mbemu, Mrs. Laurencia Kayuci and Mrs. Serafina Kalinga form the new chair of the orphans committee. The elementary school director of Mdabulo, Mr. Kigodi handed over his chairmanship, he passed his training to secondary school teachers.

The new committee is working very committed and to the entire satisfaction. The orphan program has developed to a size which made the registration and administration of new requirements. Every orphan now owns a passport in which the payment of school fees, medical care, school uniforms and supplies issued are listed. Thus, it is more transparency for the orphans adopted and it can be controlled by us better if our aid and support arrives even at the poorest. At the orphanage passports there are a few difficulties with filling - this is gone through with Franz Rauch during his next mission in February.





9. Kindergartens

Kindergarten Ludilo

The Kindergarten Ludilo is in operation. Currently, the garden and the grounds will be designed around the Kindergarten building, led by Sylvia Ritter. There are playgrounds and (garden) space created to linger. The planting is adapted to the requirements for shade, play space and open space for active games and circle games.

Kindergarten Nandala

The construction progress is very good. The opening is scheduled for mid-2013.











Kindergarten Nandala January early 2013

Future Perspective Kindergartens

Each kindergarten of our project region will receive one unit:

- a) Powerhouse with Diesel generator,
- b) Maize mill
- c) Water Pump

With the water fee and the income of the corn mill to the limited maintenance costs, a daily meal for the children and the teacher salaries are covered. Young women are more adept at the end of Secondary School education to kindergarten teachers, with the aim to bring in more educational play in the currently very "schooled" kindergarten programs.

Report Johannes Rauch Summary Ulrike Türtscher

Albert Rauch - Contirbution Solarprojekt

Photos Ulrike Türtscher

Johannes Rauch Albert Rauch

February 2013