

Cool Gambia - Project

Every woman, who grows vegetable in a women's garden and who tries to sell her goods knows: vegetable which cannot be sold need cooling, so that it may be sold the next day.

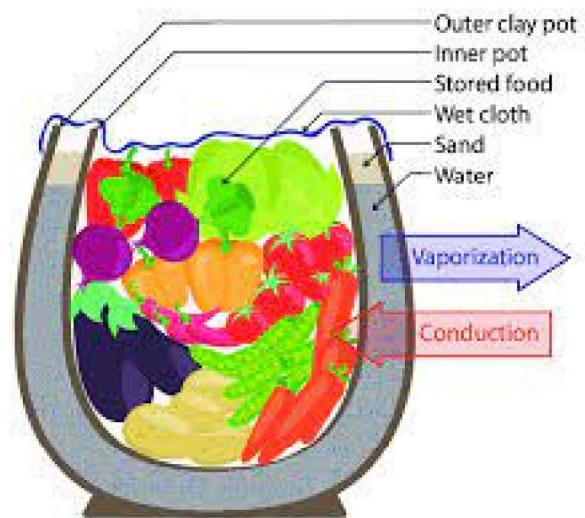
Storage is a big problem in the Gambia, so we are told. We know that energy is a problem, so we have made a research on cooling devices which need no or little energy and which can be copied easily.

The german charity organisation Namél e.V. has gathered funding an ammount of 15.000 € for innovative and sustainable cooling projects in The Gambia, to be spent till 31.12.2021.

We offer to support projects in different parts of the Gambia, depending on three cooling ideas:

- individual cooling pots out of clay
- community used cooling chambers
- solarpowered icemaking units

Cooling Pots



You need: two claypots which fit into each other, sand, water. Estimated costs: 1000 Dalasi
More information: <https://www.instructables.com/A-Practical-Zeer-Pot-evaporative-cooler-non-electr/>

Cooling Chamber



You need: claybricks, sand, a shed, water.
Estimated costs: 80.000 Dalasi

Zero Energy Cooling Chambers (ZECC)



More information: https://energypedia.info/wiki/Evaporative_cooling_chamber <https://www.slideshare.net/GARIMATEWARI4/zero-energy-cool-chamber>

Cooling House, with storage room



You need: Bricks, welding, coal,
This can be combined with a solarpowered cooling chamber. Estimated costs: 1000.000 Dalasi



More information:
<https://www.engineeringforchange.org/solutions/product/charcoal-cooler/>

Ice-machine



You need: Solarpanel, waterpump, Icemaking machine, water, capacitybuilding in solar technology and business.



Estimated costs for material: 1.000.000 Dalasi
More information: <https://akzente.giz.de/en/artikel/white-gold-felane>

If you have a better solution, which is affordable and is more suitable for the needs of the village community, please don't hesitate to contact us.



Who can apply?

Villagecouncils, communitybased groups, charity organisations, area councils and similar organisations.

You need:

- a Projectmanager, who coordinates the project and is responsible for the sustainability of the project
- a technical expert, who is responsible for building and maintaining the coolingdevice
- the “perfect place” to realize the cooling device (e.g. women’s garden, market, villagecentre)
- a financial plan
- specification of the estimated date and time for the realistaion.

we offer:

technical and financial support

Contact:

Pit Lohse
0049 17612096715
pit.lohse@tvfk.de



Sedat Jobe:
00220 702 1115



Finances:

Your financial plan should be comprised of:

- expenses for projectmanager (up to 500 €)
- expenses for technical expert (up to 500 €)
- material for building and creating coolingdevices (up to 6.000 €)
- human ressources for buildig (up to 3000 €)
- human ressources for coordinating the community use of the cooling device (up to 600 € for 2022)
- funding by Namél you are applying for (up to 90%)
- funding by yourself or others (10% of total costs)

An application must comprise all of the above, as well as a short description, where you want to realise the project, who are the beneficiaries, and why you think Namél should choose your project.

You may use also an application form.



www.namel.de

Chairperson: Fatou N’Diaye-Pangsy
Project manager: Pit Lohse
Administration: Julia Rieger
Technical assistants: Ralf Kuder, Sabine März, Norbert Eisenberger, Markus Ruoff, Simo Schafftrath
Support: Prof. Christian Arndt and his students, University in Nürtingen (HfWU)
Projectmanager in the Gambia: Sedat Jobe, Namél association, Bakoteh.

Application form COOL Gambia

1	name of area/village	
2	name of applicant (official representative of no. 1)	
	emailaddress	
	telephonenumber	
3	project (please tick one)	
		several cooling pots
		cooling chamber
		solarpowered cooling
4	project manager name	
	emailaddress	
	telephonenumber	
5	technical expert name	
	field of comeptence(s)	
	emailaddress	
	telephonenumber	
6	place or space for the project	
	description, fotos	
7	funding amount applied	
8	Costs for:	
	Projectmanager	
	technical expert	
	building material	
	human ressorces -craftsmen	
	human ressorces -administration and organisation of use	
9	Summary costs	
10	Funding	
	from the applicant (minimum 10%)	
	from Namél (maximum 90%)	
	others	
11	Summary funding (must be equivalent to no. 10)	

Attached to this application should be a **description** why your project should be chosen amongst all others.

how is the situation now? who would be benefiting?

what are the chances that the cooling device can support the village/area for a long period of time?

can your project be easily copied by other communities?