



ECO CITY

ECO CITY

New beginning for uprooted and persecuted individuals

Geopolymer camp, July 2014

Wolfram Marwik

OVERVIEW

ΟΔΕΚΑΤΕΜ

- ✘ Problemdescription
- ✘ Ways to help
- ✘ Organizational tools
- ✘ Building concepts
- ✘ Planting, Food & Multiplication
- ✘ Practical continuation
- ✘ Signup

ENVIRONMENT

- ✘ In the Swiss News June 2014:
„5 Mio. people worldwide on escape of wars“
- ✘ Even more because of economic reasons, abuse, persecution for religious believe or political view
- ✘ Economies worldwide on major shift
- ✘ Major demographic changes to follow
- ✘ Who will help? Governments? Humanitarian organizations? Churches? Neighbors?

WHO WILL HELP?

- ✘ History shows: governments and organizations mostly overcharged
- ✘ Some people found someone merciful or got into ,lucky` circumstances
- ✘ Most people had to find a way for themselves
- ✘ Therefore:
 - ➔ **Help to help the people themselves!**

HISTORY – SOME PAST DISPLACEMENTS

Successful & failed examples:

- ✘ Tried to integrate into existing population
 - + Huguenots in Switzerland, Germany & England
 - + Algerians in France, Turk's in Germany
- ✘ Built up new structures
 - + Communist Russia after WWII
 - centrally organized kolkhozes & factories
 - + Europeans in America, Canada, Australia, NZ, ...
 - farming, started small cities and businesses
 - + Jewish people after WWII in Israel
 - kibbuz movement (like privately organized kolkhozes)
 - moshav's (cooperatively organized villages)

HOW CAN WE HELP?

- ✘ Utilize peoples creativity, special skills and will to progress
- ✘ Prepare the tools and help the people to build an **EcoCity™** on a 'waste' land,
 - + Where they can live and work at the same place
 - + Which is surrounded and integrated into a fruitful oasis
 - + Which is built ecologically and economically sound
 - + Where High-tech and Low-tech innovations support modern life
 - + Where respect and cooperation brings everyone's potential to blooming and fulfillment
- ✘ Provide a stable operating framework
- ✘ Apply the concept with
 - + time phases
 - + solid financing principles
 - + proper management

MANAGEMENT TOOLS

- ✘ Mind Map's
- ✘ Central Wiki platform
- ✘ xDBMS – Software to effectively manage and change organized data and workflows
- ✘ Syntegrity – efficiently exchange info w/o loosing (Stafford Beer, Fredmund Malik)
- ✘ Eliyahu Goldratt: Process optimization, Theory of constraints, Critical chain, Bonus / Malus system
- ✘ Solid Finances (Eliyahu Goldratt, Robert Kiyosaki)
- ✘ Alternative time / value compensations (reward sys.)
- ✘ Clearly defined ethics and conflict solving processes

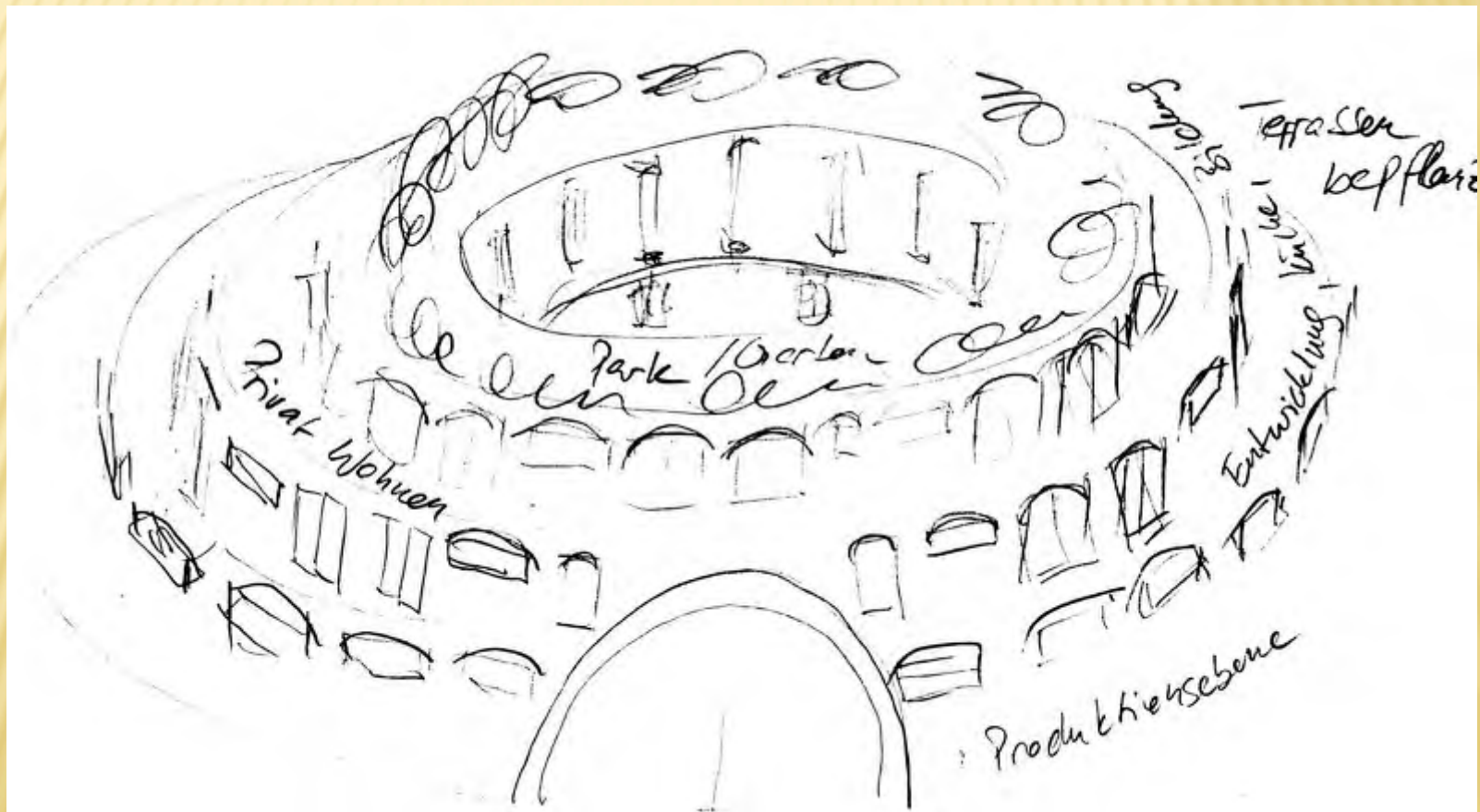
OTHER TOOLS (EVERYTHING TOWARDS A VIVID CITY)

- ✘ Water: Harvesting, Saving, Recycling, Moisture (many good systems already there)
- ✘ Food: Permaculture – From desert to oasis in 4 years (GeoffLawton.com, SeppHolzer.at).
Assembly of right plants, fruit forests, swales,...
- ✘ Education, healthy lifestyle promotion, open and reflective communication, conflict solvers
- ✘ Vital economy – integrated working, living, family (Referenz to Bjorn-Ulf Halfstad)
- ✘ Construction: CAD-supported Geopolymer Element system with innovative special parts

CONSTRUCTION – CITY IN THE DESERT

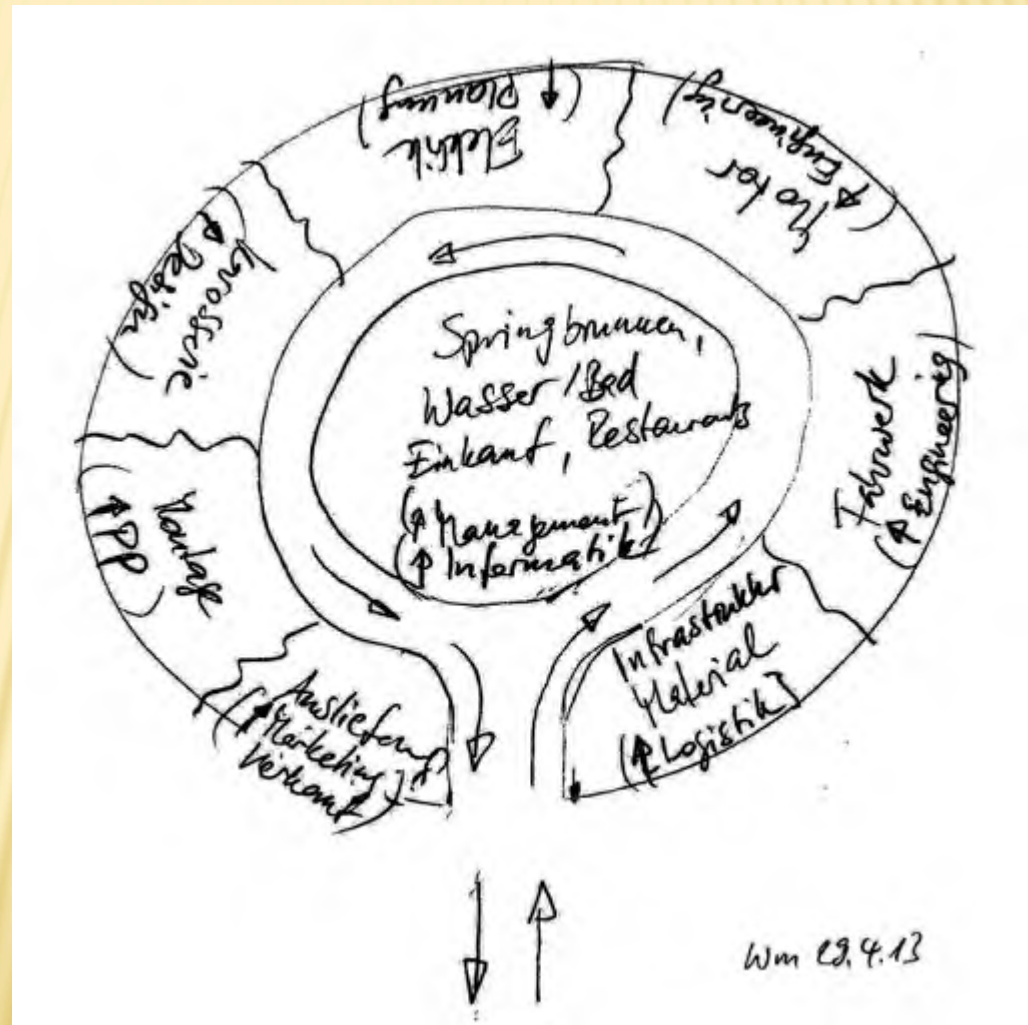
CONSTRUCTION – CITY IN THE DESERT

- ✘ Living & Working at same place



SMALL BUSINESS OR INDUSTRY FLOOR

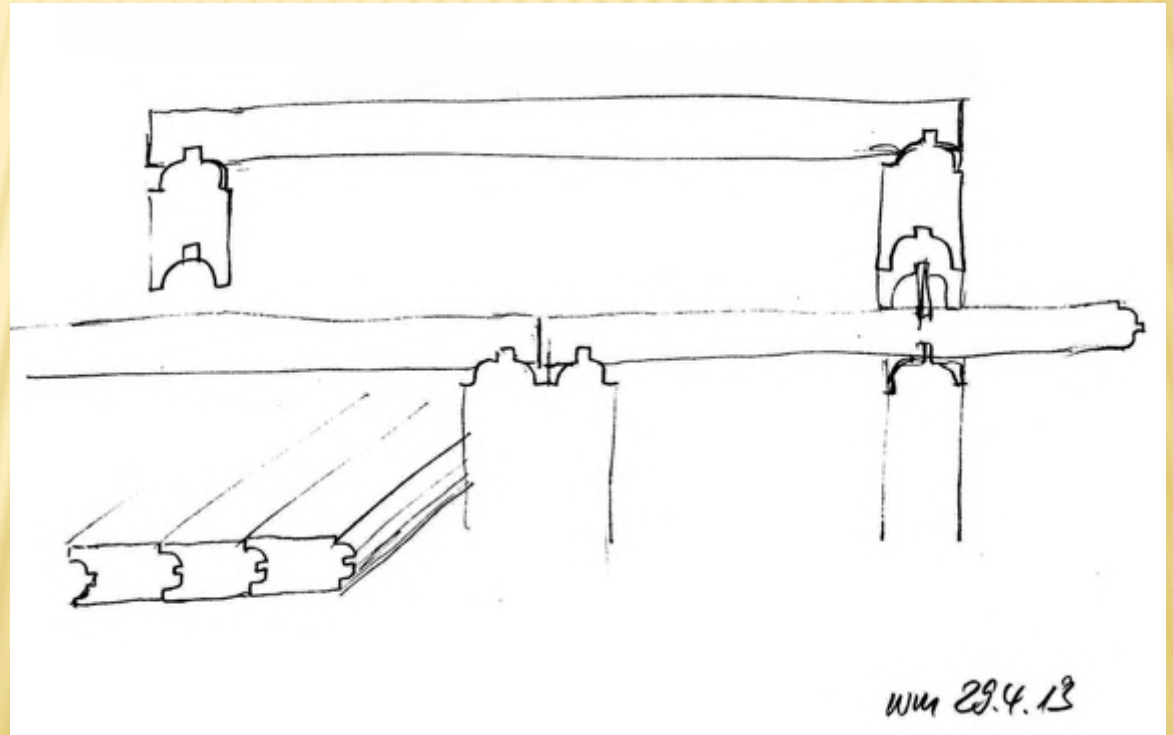
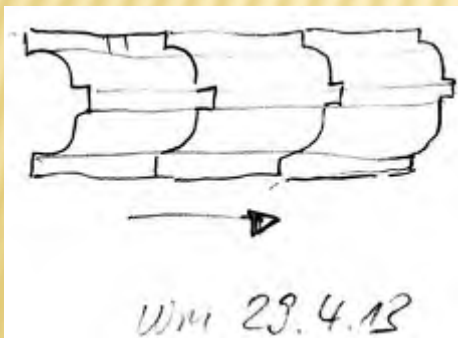
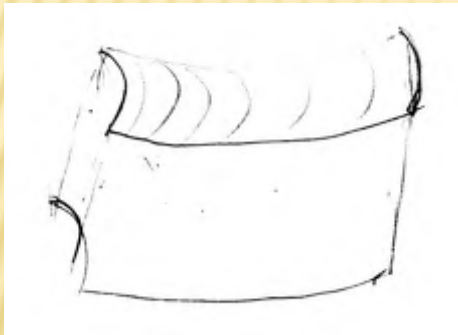
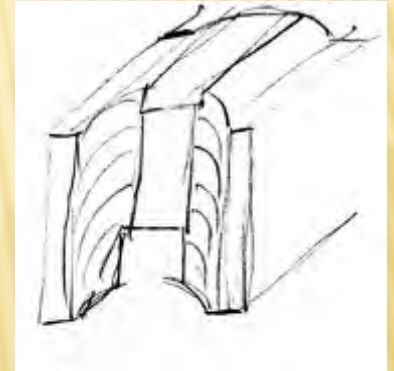
- ✘ Example car factory



BUILDING BLOCKS

ROTATING BLOCKS

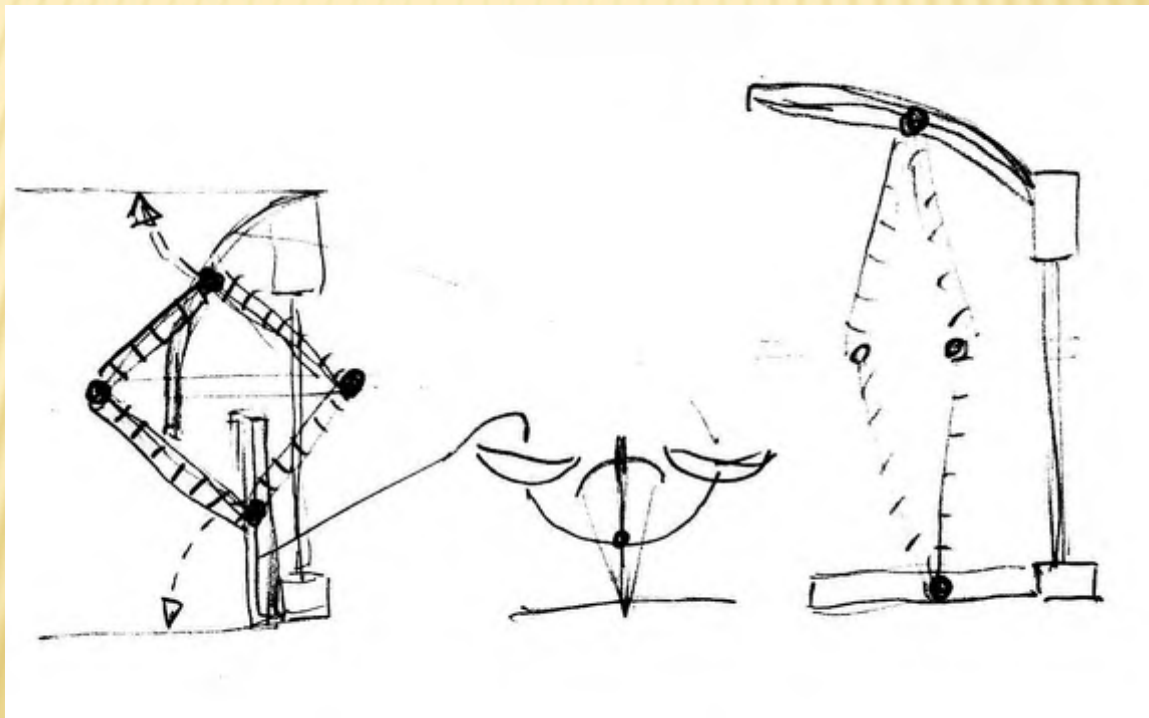
- ✘ Let people build blocks with donated molds



PROTECTIVE ELEMENTS - SHUTTERS

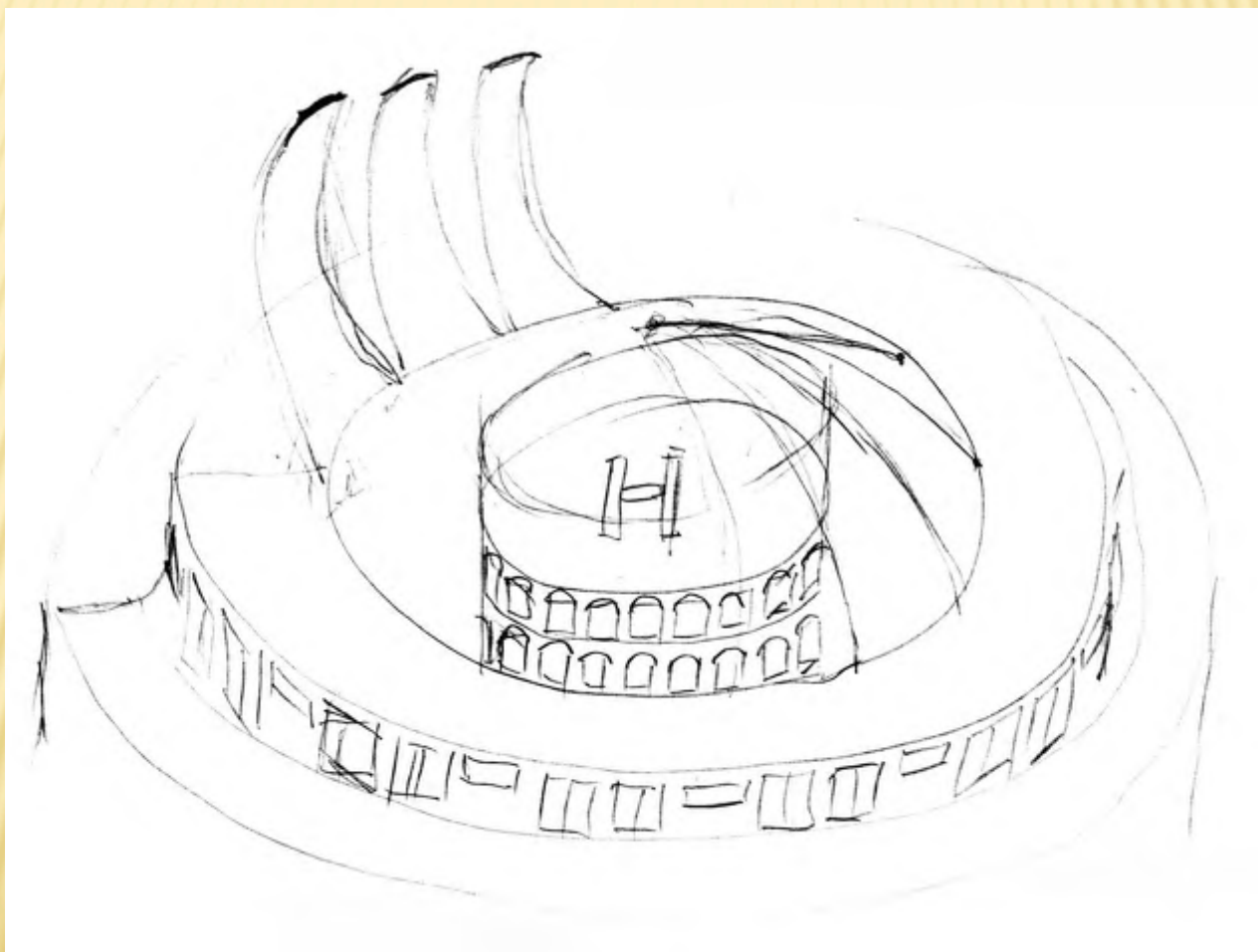
ПРОТЕКТИВНЫЕ ЭЛЕМЕНТЫ - ЗАКРЫВАЮЩИЕ

- ✘ (only draft of principle, shall be like flowers)
- ✘ Protect before hail, heat, rockets, etc.



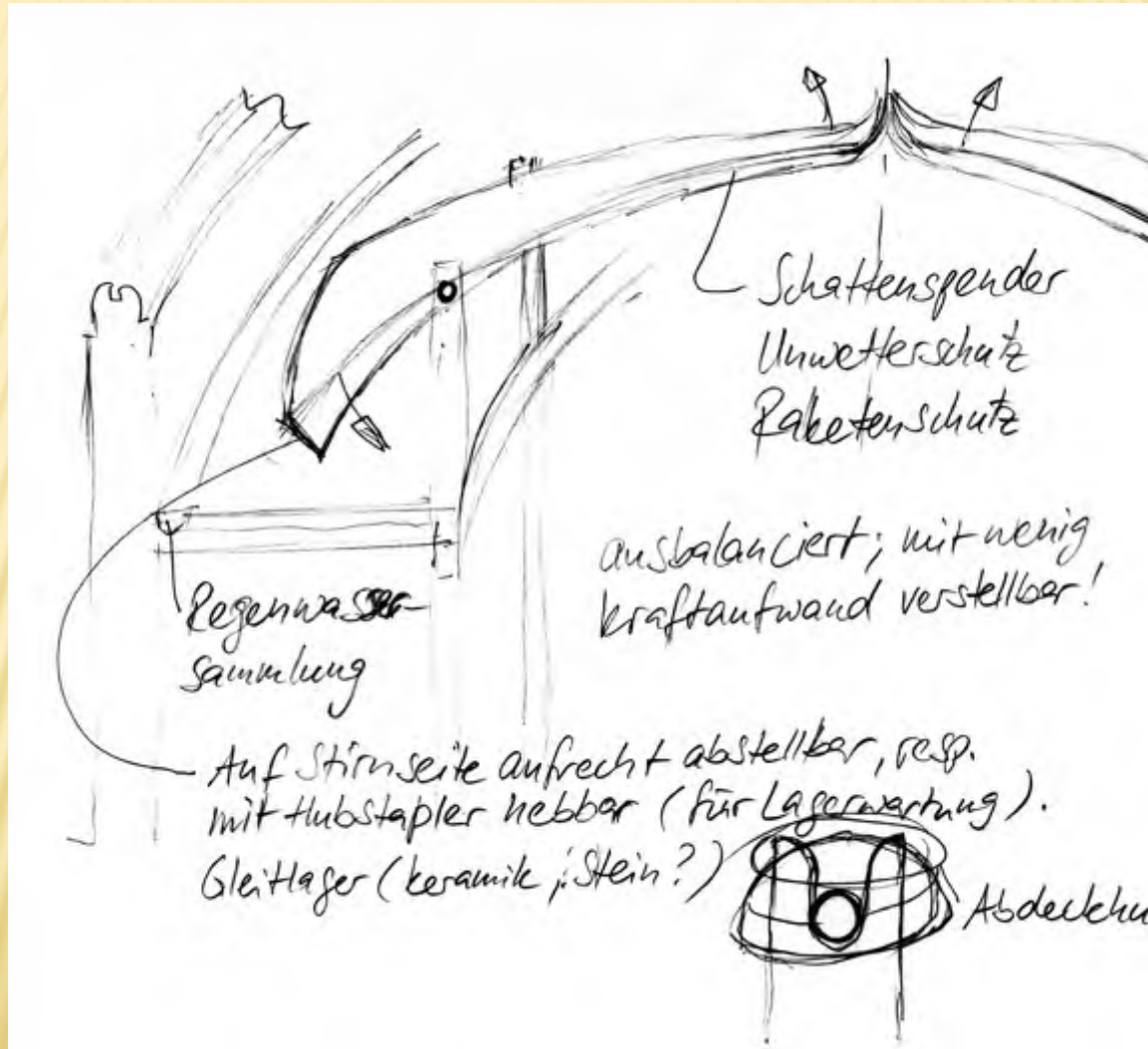
ROOF PROTECTION

КОЛОЛЬКОЛЕКТОМ



ROOF PROTECTION DETAIL

KOOL BKOLEKTOM DELATE

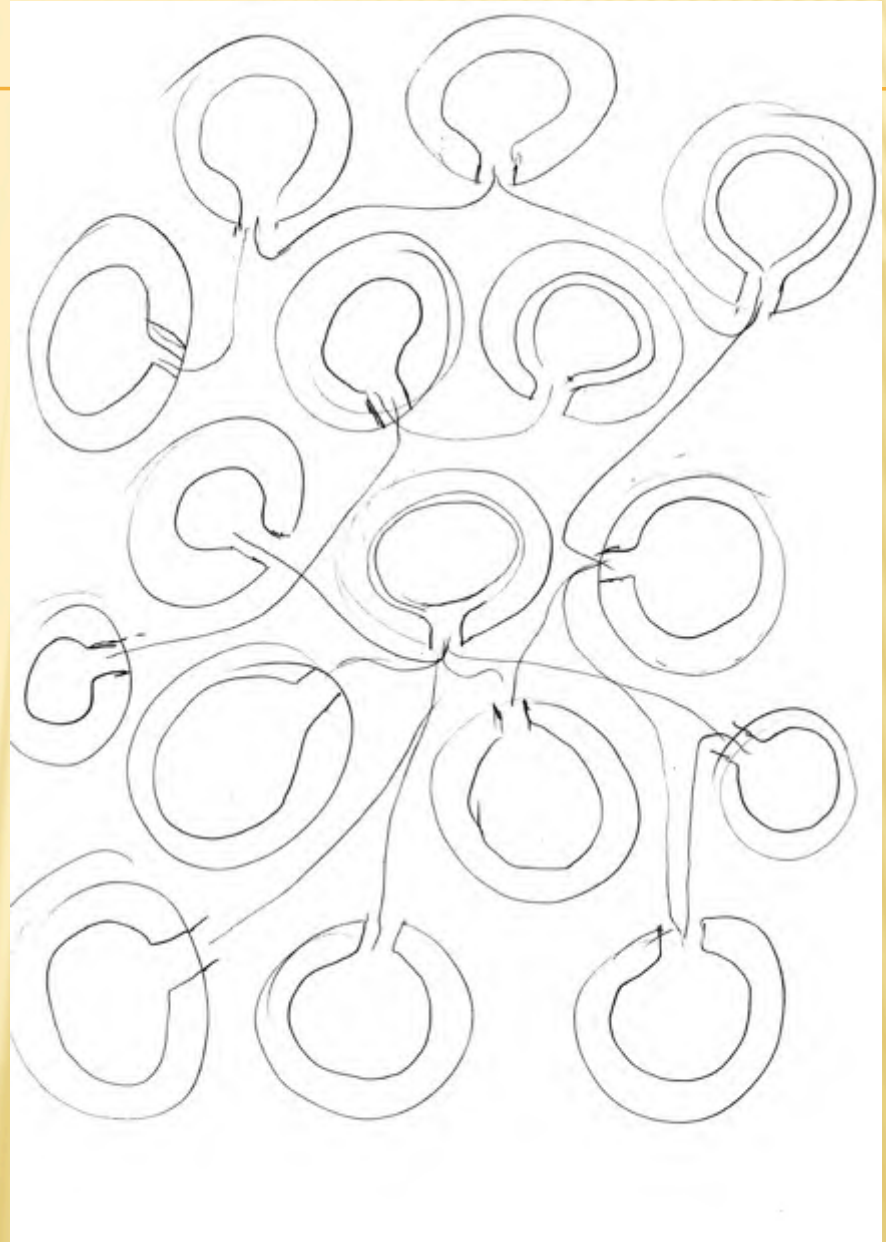


MULTIPLY

WOLFFEL

✘ Plan the

- + Food city
- + Builder's city
- + Medical city
- + Vehicle city
- + Shopping city
- + Music city
- + Multi city
- + Etc...



MAKE IT GREEN...

MAKE IT GREEN...

✘ ...when building is finished



AKKO

AKKO



HOW TO CONTINUE?

- ✘ Organize voluntary resources and some operating capital
- ✘ Launch the **EcoCity™ foundation®**
- ✘ Prepare the tools
- ✘ Make contracts for unused land
- ✘ Prepare leadership teams
- ✘ Let people sign to build and own part of an EcoCity
- ✘ Donate needed education and (simple) tools
- ✘ Make it a self-runner, a movement:
Obligate participants to help new projects

NEXT STEPS

- ✘ Organize an EcoCity layout camp
- ✘ Build a simple prototype seminar camp site for about 30 people onsite
- ✘ If you would like to take part, sign up! Don't forget to write about your interests and skills.
- ✘ THANK YOU