Reducing the gap of Appropriate Technology solutions between developing and developed worlds
Activities of GrAT

Myung Joo Kang and Robert Wimmer
GrAT, Center for Appropriate Technology
Vienna University of Technology



로베어트 위머

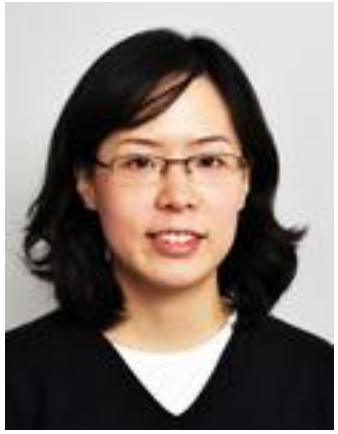
Dr. Robert Wimmer (Managing Director, President)

- Sustainable Development at an operational level
- Multidisciplinary problem solving strategies
- Sustainable building, renewable energy, system design, ecological materials, cleaner production, etc.
- Process Engineering (mechanical, chemical)
- Lecturing in Austria, Germany, Japan, and Korea
- Inter/national projects

강명주

Dr. Myung Joo Kang (Project Manager, Vice-president)

- Product Service System (PSS, TU Vienna)
- Industrial design (KAIST), Human interface (LG Electronics), Eco design (Surrey Institute of Art & Design)
- EU-Korea cooperation
- Inter/national projects



GrAT Center for Appropriate Technology

- **Independent not-for-profit association since 1986**
- **Inter/national R&D for sustainable development**
- **Implementation and Demonstration**
- **Consulting companies and governments**





Mission:

„Adapting technology to human needs and environmental boundaries instead of adapting society and nature to technical standards“





International offices

Headquarter at
TU Vienna







Branch office in
Boeheimkirchen



Branch office in
Manila, the Philippines



Branch office in
Kathmandu, Nepal

Activities of GrAT (Center for Appropriate Technology)
Vienna University of Technology

Developing

Developed

Human Needs

Clean Water

Healthy Food

Safe Shelter

Accessible Energy Services

Knowledge & Information for Sustainable Design



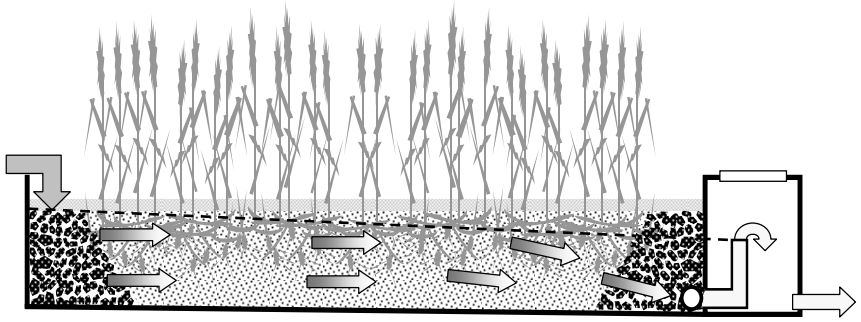









Water: Reed bed filtration system, Amarela Resort, Philippines

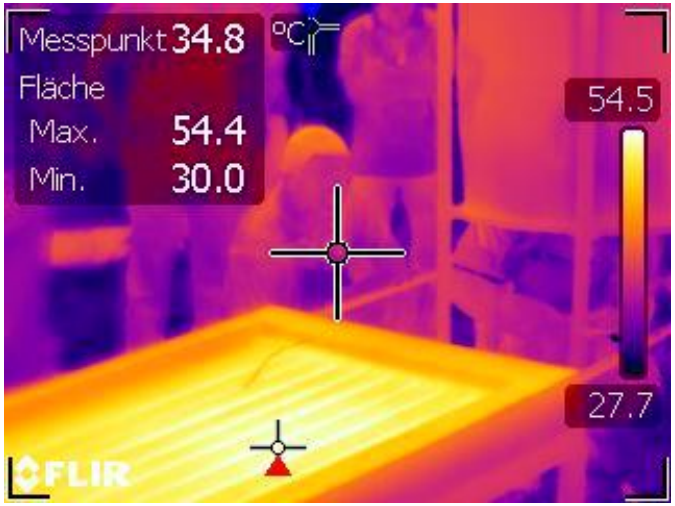




Energy: Solar Water Heater for 50$
EU Switch Asia Programme
Zero Carbon Resorts project
Philippines





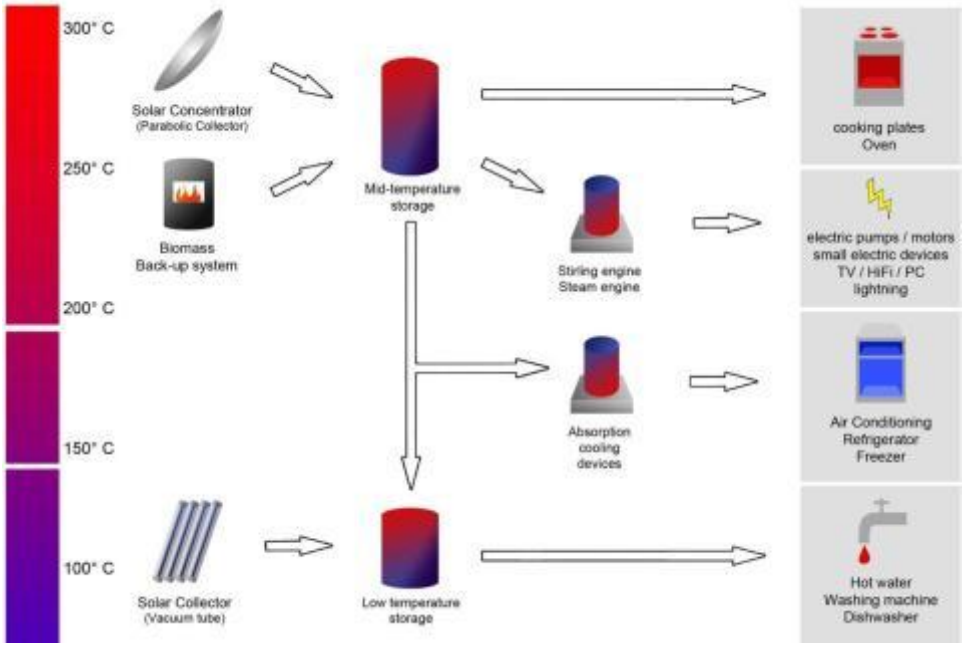


Energy + Shelter : Energy Self-sufficient Buildings with renewable materials
“Zero Carbon Village” project
Austria BMVIT + KLIEN funding











Thank you!

kang@grat.at
rw@grat.at