



# Cooperation Group

# TEchnology for the DEvelopment and the COoperation

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POLITÉCNICA

TEDECO



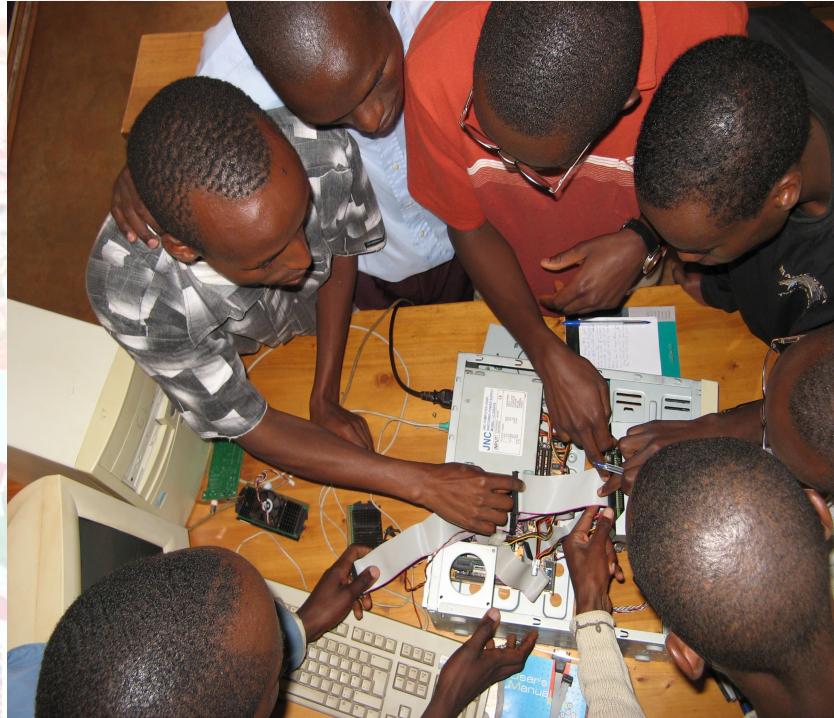
# Univ. Politécnica Madrid

- **Research groups**
  - Discoveries
  - Conferences
- **Educational groups**
  - Study plan
  - Teaching techniques
  - Educational Sw
- **Cooperation groups**
  - Apply their knowledge to cooperation
    - Habitability
    - Solar Energy
    - Agronomy
    - ...



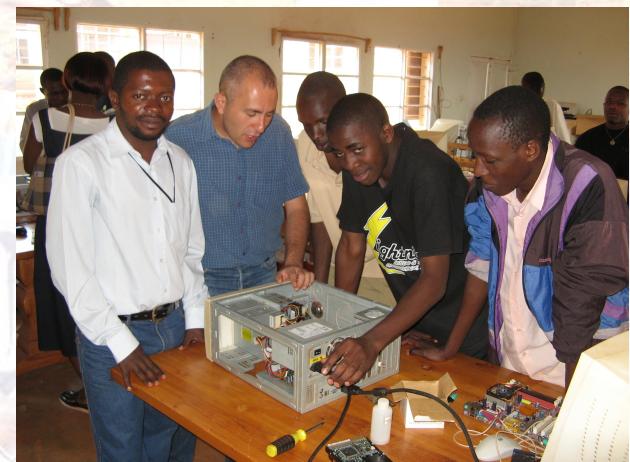
# New Cooperation Group

- **TEDECO**
  - Technology for the Development and the Cooperation
- **Goal**
  - Use the new technologies (of the information and communications) for improve (educational) centres of developing countries



# TEDECO

- **Speciality:**
    - Computer Science
  - **Creation date:**
    - 2006
  - **Members (30):**
    - Director: Susana
    - Senior professors: Mariano, Andres, Lola, Chema, David, Jesús
    - Post grade students: Alvaro, Manu, Rul, Xavier, Ana L., Stefano, Daniel, Ana J., Iván, Paco E.
    - External colaborators: Paco J., Patricia, Pedro
- (25 people visited Ngozi, 30 trips)



# FINANCE - DEDICATION

- TEDECO value
  - Technical knowledge
  - Advanced knowledge
  - No own money
  - We provide our work
- Finance via projects
  - UPM
  - AECI
  - Private funding  
(companies or NGOs)
- Dedication
  - Voluntary work
  - No gratification
  - Free time and holidays



# MOTIVATION

- UPM received a call at 2006

**“The university of Ngozi (Burundi) needs URGENTLY professors”**

- Stay at Burundi
  - 2 Professors UPM
  - 1 Telecommunication engineer
  - 2 Computer Science engineers



# NGOZI: EXAMPLE OF PEACE

- Meeting of religious leaders
- Cooperative:(COFIDE FInance COnpany for the DEvelopment)
- Credits for projects:
  - Micro-projects
  - Reconstruction of schools
  - Coffee factory
  - University of Ngozi
- Pacification of the area (1<sup>st</sup> of the country)



# UNIVERSITY OF NGOZI

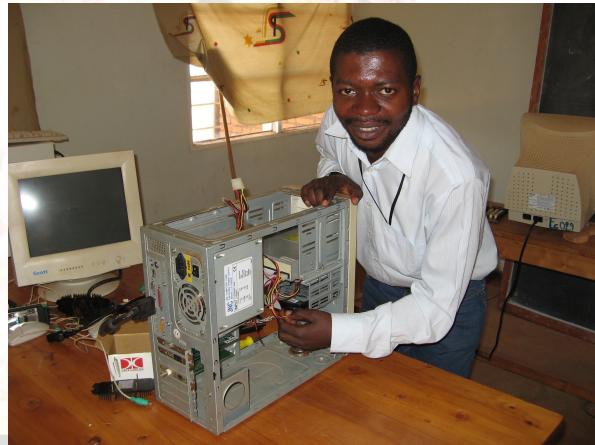
- It appeared during the war: **1<sup>st</sup> private university of Burundi (now more than 6)**
- Goals: peace and development
- Tolerance and friendship in between etnias, nationalities, religions, ...
- 1.600 students (30% girls)
- Economic problems for sostenibility



# TESON PROJECT - 2007

TEchnology for the  
SOstenibility of the  
university of Ngozi

- Infrastructure
  - Reparation of PCs
  - Intra-net -> labs
  - Parabolic antena
  - Internet via satellite
  - Ciber -> sostenibility
- Cooperation Agreement with UPM
  - Professors visits
    - Intensive courses
    - Study plan design
  - Sent Material
    - PCs
    - Laptops
    - Hard disks
    - Pen drives
    - ...



# TICAMEN 2008-2009

Technologies of the Information and Communications Applied to the iMprovement of the Education at Ngozi



- Kumenya Sw development
  - Administration
  - Library
  - Contability
- Uburyo loans system
  - Design
  - Sw Development
  - Set up the system
- c&d-learning
  - Moodle instalation
    - Local teachers courses
    - Preparing data
    - Courses material
  - Sw development
    - Asincronous tools
    - ...

# TEDECO NOW

- Goal: Leaving NGozi
- Starting MESTUN
  - Monitoring, Evaluation and Technology
- Sustainability of the University of Ngozi (2010)
- Looking for new location for working
  - Bukabu (R.D.C.)
  - Zway (Ethiopia)
  - ...



<http://tedeco.fi.upm.es>

# TEDECO TOMORROW



...

<http://tedeco.fi.upm.es>



“Buhoro buhoro,  
ni rwo rugendo”



Thank you very much  
“Muchas gracias-Urakoe cane”  
Questions

