

How relevant is FP7 to African institutions?

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2nd March, 2009
Kigali, Rwanda



Main Objective of FP7

Supporting and strengthening research to address European social, economic, environmental and industrial challenges.

EU research initiatives focus on high-quality research with a lasting impact that can strengthen Europe's science and technology.

European Challenges

Is FP7 relevant to us?

No

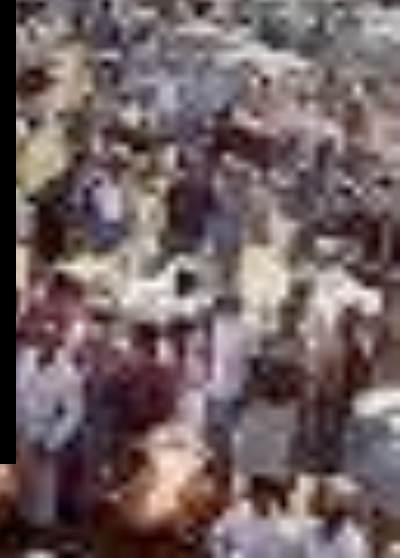
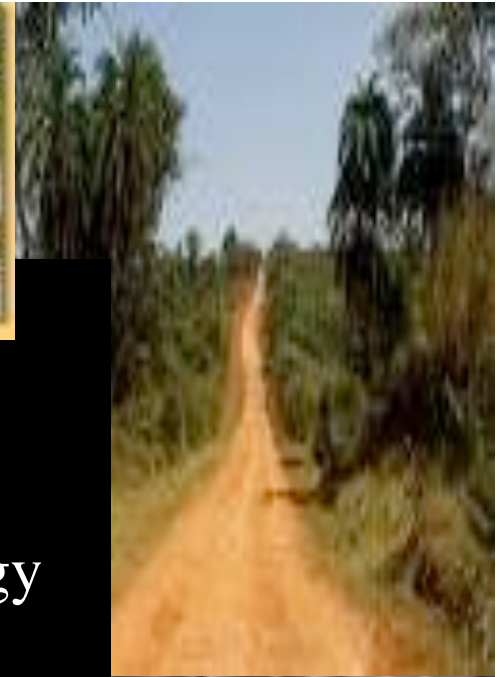
Yes

Position:
End-user, inventor,
researcher, developer

Objectives:
European, African,
Global Agenda?



African Challenges



Population rate
Infrastructure
Expensive energy
Diseases
Poverty
Capacity
Research support
Political instability

Europe vs. Africa



Is FP7 relevant?

FP 7 Themes

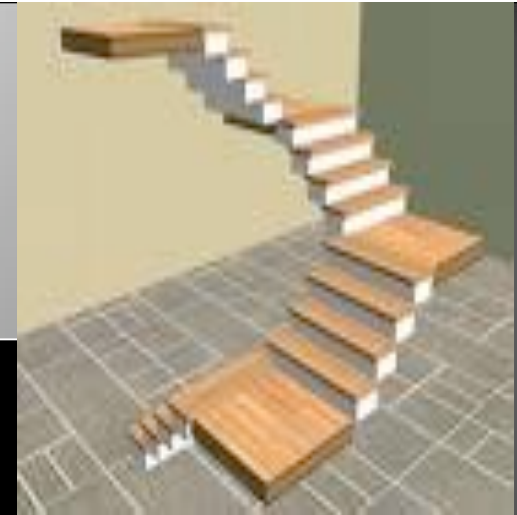


1. Future and emerging technologies
2. Cognitive systems, interaction, robotics
3. Component, systems, and engineering
4. Digital libraries and content
5. Sustainable and personalized healthcare
6. Mobility, environmental sustainability and energy efficiency
7. Independent living, inclusion and governance

- Health
- Food, Agriculture and Fisheries, Biotechnology
- Information & communication technologies (ICT)
- Nanosciences, nanotechnologies, materials & new production technologies
- Energy
- Environment (including climate change)
- Transport (including aeronautics)
- Socio-economic sciences and the humanities
- Space
- Security

European Challenges

Europe



Africa

Challenges at different level:

Energy, Climate Change, Long Fast Distance Communications,
Creating Creatures, New Worlds,

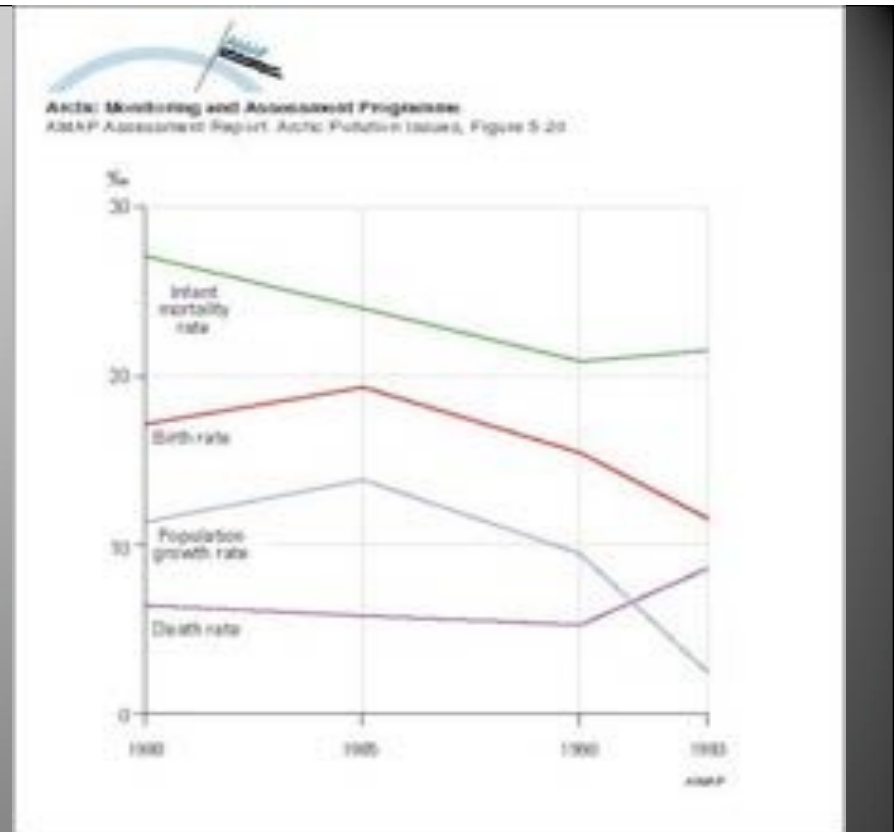
FP7: Building the future now

- **Out-of-box thinking**
- European Research Area 2020
- The World in 2025

European Challenges/ Hidden Agenda?

- ❑ Fading population
- ❑ Fading of ICT research interest
- ❑ Threat from emerging economies

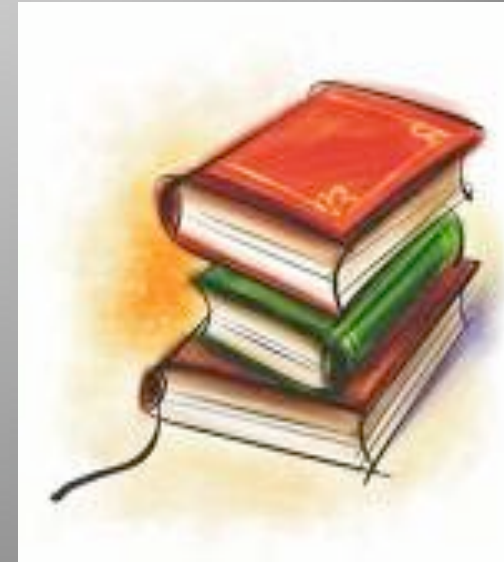
- ✓ Tapping expertise from the world over: Asia, South America, Africa
- ✓ Building new markets
- ✓ New way of building colonies?



Is FP7 relevant?

YES!!

- Contributing to new knowledge
- Discovery and innovation
- Solving future problems now
- Being competitive in R&D
- Building economy
- Strengthening our capacity



African Challenges

What have we done??

- !! Population rate
- ?? Infrastructure
- !! Expensive energy
- ?? Diseases
- !! Poverty
- ?? Capacity
- !! Research support
- ?? Political instability

Key: !!, ??: Aaaah..., Mmmm..., I think..., Excuse me?

The slide features a decorative background with a series of concentric, overlapping circles in the upper left quadrant, rendered in a light gray, dotted style. A dark gray gradient bar runs horizontally across the top right and bottom of the slide. The main text is centered on a dark gray background.

New Technologies and Innovations

Allow leapfrogging old/existing solutions
Mobile and Wireless Technologies

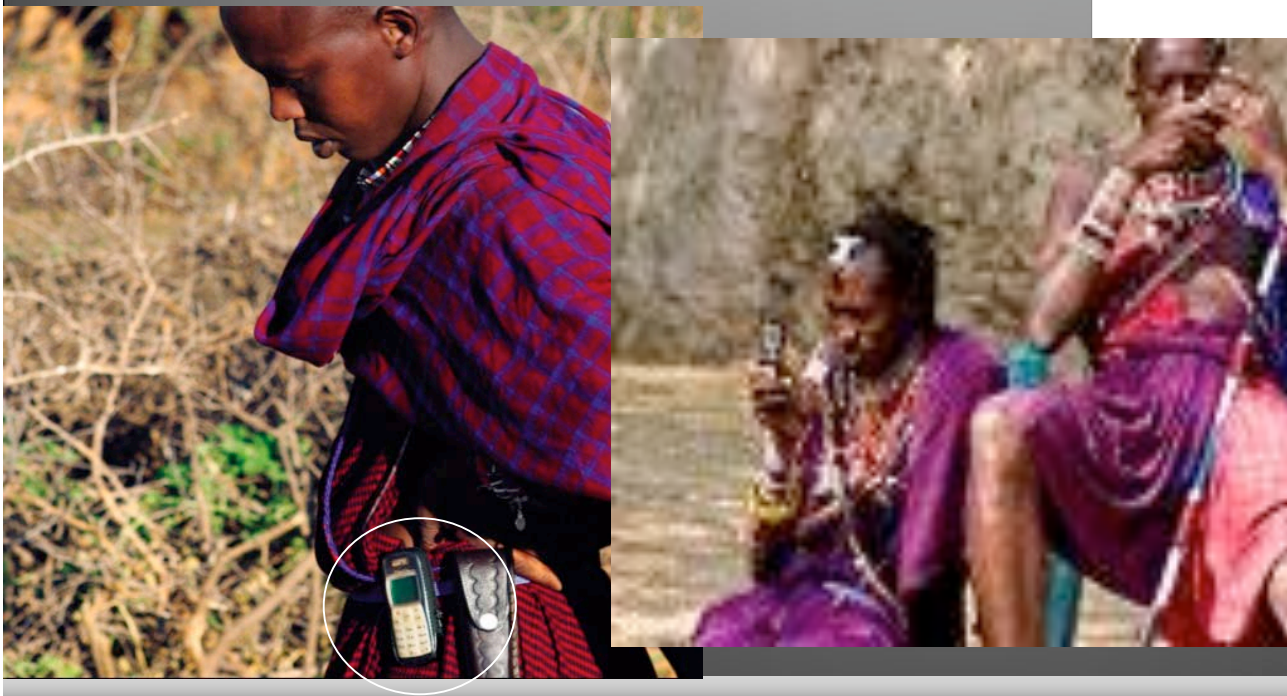
How relevant to Africa

GSM (1982) for mobile phones

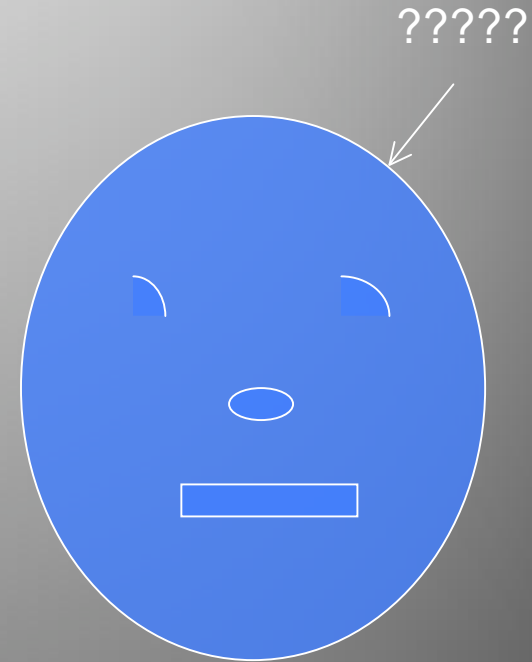
Penetration rate > 2 global average

68% of users are from developing countries

A large fraction of providers are foreign



What do we need to do?



- ❖ Changing mind set
- ❖ Get rid of end-user mentality
- ❖ Fostering the culture of discovery and innovation
- ❖ Building capacity
- ❖ Forward looking research policy

FP7 == A helping hand / A wake-up call





Collaborations

Hardworking