

UNITED NATIONS ECOSOC Innovation Fair
PALAIS DES NATIONS in GENEVA
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- 1- **Name of the approach/tool/project::** TELEPATHOLOGY IN ZAMBIA with Patologi oltre Frontiera (www.patologioltrefrontiera.it)
 - 2- **Description of the approach/tool/project description (methodology, techniques and strategies used):** pathologists are physicians involved in the diagnosis. The diagnosis is essential for a correct treatment of a patient. In the rich countries is discounted that when a patient gets sick there is a pathologist's diagnosis. In many developing countries, particularly in sub-Saharan Africa, pathologists are a very small number or they are totally absent. Waiting African continent succeeding in equipping himself with a sufficient number of pathologists our NGO tries to collide with the problem operating on two parallel foreheads:
 - a- to build new surgical pathology laboratories and to form new technicians and new pathologists in developing countries.
 - b- To use some new technologies (internet with satellitary connection) to formulate a diagnosis on line and to form the local personnel from remote..
 - 3- **Implementation methodologies:** our NGO includes around 300 people among physicians, biologists and technicians of surgical pathology laboratories. Because of the always great application of interventions in the south of the world the Patologi Oltre Frontiera in their activity are trying to involve in their initiatives also the European pathologists and French pathologists too
 - 4- **What is innovative about this project?** The project is innovative because it's founded on the formation of local personnel and it totally uses new computer technologies both for e-learning and for diagnostic activity. Technicians are locally trained to read pap test and to prepare histological slides that are after transformed in virtual slides. In this conditions European pathologists by internet through a satellitary connection can perform the diagnosis.
 - 5- **Evidence of results impact:** The experiment is realized and concluded in Zambia between 2004 and 2008. Now in Mtendere Hospital of Chirundu there is a regular diagnostic activity on line. Particularly the start of prevention of the uterine cervix cancer has allowed for the first time in Zambia to select at least 300 women at risk that now are treated with curative interventions.
 - 6- **Costs associated with tool/project development and/or implementation:** The cost of the project that foresees the creation of a laboratory, the formation of the personnel, the equipments for the satellite connection and the connection it is of around 300000 Euro. The elevated cost of the satellitary connection (around 25000 European / year) can be reduced in the moment in which other analogous projects are realized in Africa because the subscription satellitare is unique for a number x of hospitals participating



Associazione Patologi oltre Frontiera (A.P.O.F.) - ONG

**Organizzazione Non Governativa per la cooperazione sanitaria nei Paesi in via di sviluppo
Non-Governmental Organization for Health Cooperation in Developing Countries**

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