

Non renewable natural resources

Eléonore Léa BOUKANDOU
Luc ANDRE

Participants

- Algeria (A. Remini)
- Austria (P. Zeil)
- Belgium (L. André)
- Benin (V. Gbewezoun)
- Burundi (A. Butoyi)
- Egypt (A. El-Dessouki, M. Abdeen, H. Bekheet, M. F. Sadek)
- Gabon (E.L. Boukandou)
- Mozambique (E. Daudi)
- Nigeria (A. Nwegbu)
- Tchad (K. H. Abdoulaye)
- Togo (K. Adjehoun)
- Uganda (E. Rubondo)

The groups agrees on:

1. Domains covered by the “non-renewable natural resources” thematic
2. Which kind of raw data
3. The needs
4. The existing capacities, programs and projects
5. Human capacity
6. Identification of gaps
7. Recommendations

1. Domains covered by the thematic

1. Rewriting of the theme

2. Domains covered

2.1 *Hydrocarbons*

2.2 *Mineral resources*

2.3 *Water*

2. Which kinds of data

- **Satellite imageries**
- **Aerial surveys**
- **In situ data**

3. The needs

- **Exploration**
- **Monitoring exploitation, abandonment and closure**

4. The existing capacities, programs and projects

- a. Existing capacities in Europe that needs to be deployed for Africa**

- b. Existing capacities in Africa are present but unequally distributed between regions and states- Should be inventoried at 5 major levels:**
 - i. Regional centers**
 - ii. National centers**
 - iii. Research institutes**
 - iv. Private sectors**
 - v. Civil society organizations**

5. Human capacities

1. The needs

- 1.1 Radar and hyper spectral applications should be developed
- 1.2 Courses should be organized to follow the exploitation of NRNR

2. How to manage

- 2.1 Coordinate at the AU the identification and implementation of the capacity building within the Panafrican University
- 2.2 Capacities in Europe should be made available for trainings and collaborative projects

6. Recommendations

- 1. Make the information and data sets more compatible, accessible and interoperational**
- 2. Develop information services for NRNR inventories and reinforce the existing institutions to respond to these needs**
- 3. Develop the mining cadastral**
- 4. Develop a pool of experts to support the NRNR management at a panafrican level**
- 5. The impacts of the NRNR exploitation on the environment should be better monitored**
- 6. The inventories for NRNR should be reinforced**
- 7. Develop methodologies to improve the exploration of NRNR**
- 8. Improve the integration of different datasets to facilitate the exploration of NRNR**