

#### "Capacity Building and Strengthening Institutional Arrangement"

Workshop: Quantitative risk assessment of oil and gas plants

# Transport technologies aspects

Mr. Gaetano Battistella, Mr. Alfredo Leonardi

Agency for Environmental Protection and Technical Services



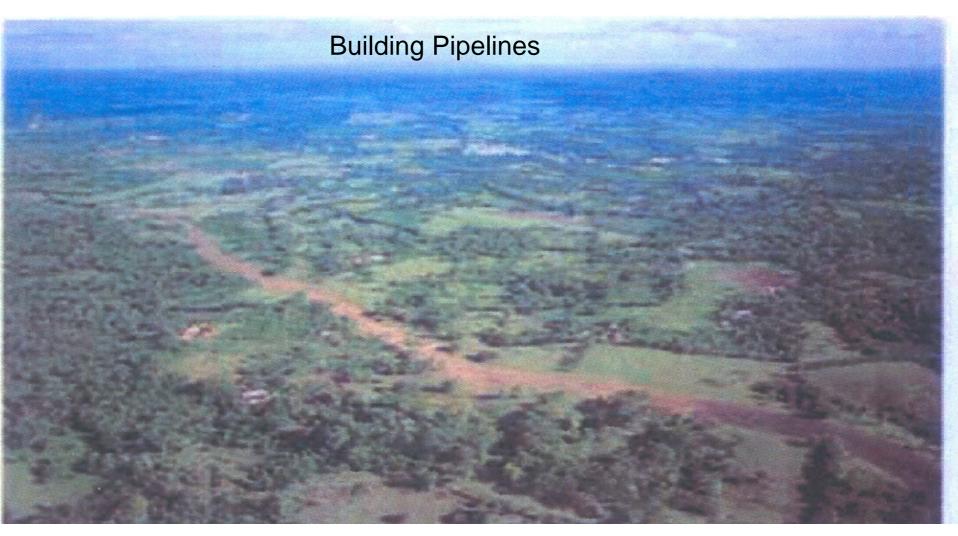
### <u>Index</u>

1. Transport technologies at ground

2. Transport technologies at sea

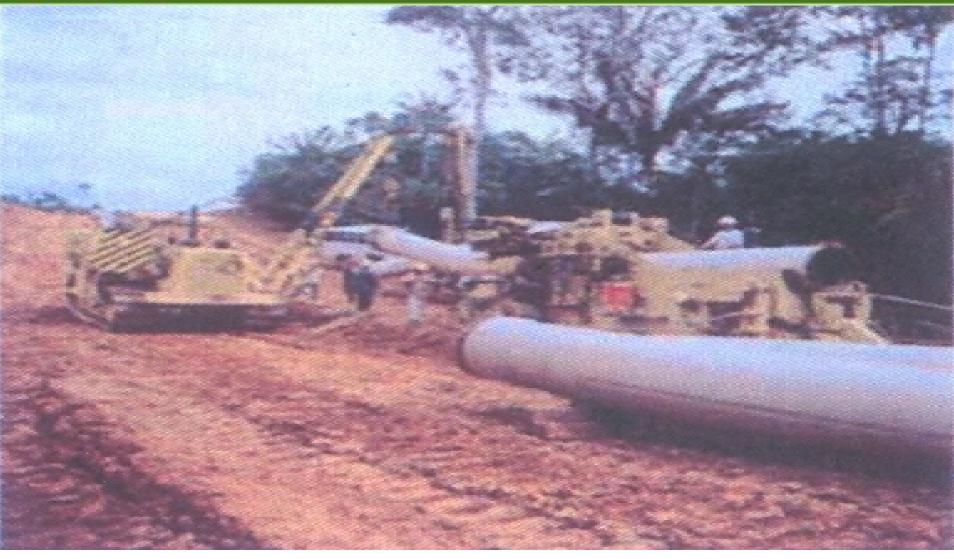


### 1. Transport technologies at ground

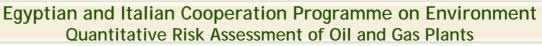


Choice of the territory

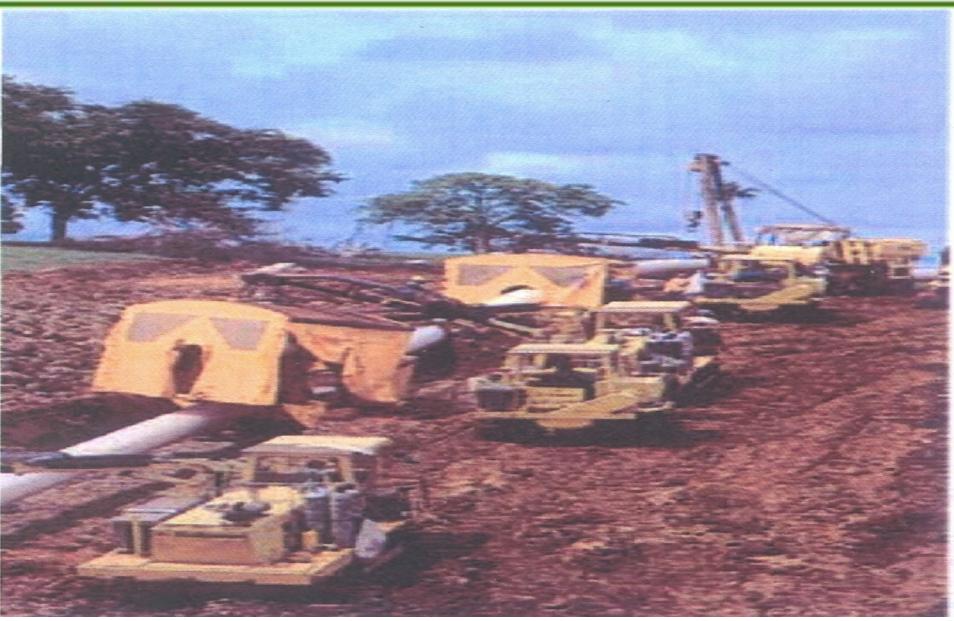




Pipes had to be transported by expandable trailers 'dolly' for hundreds of km along national road network

















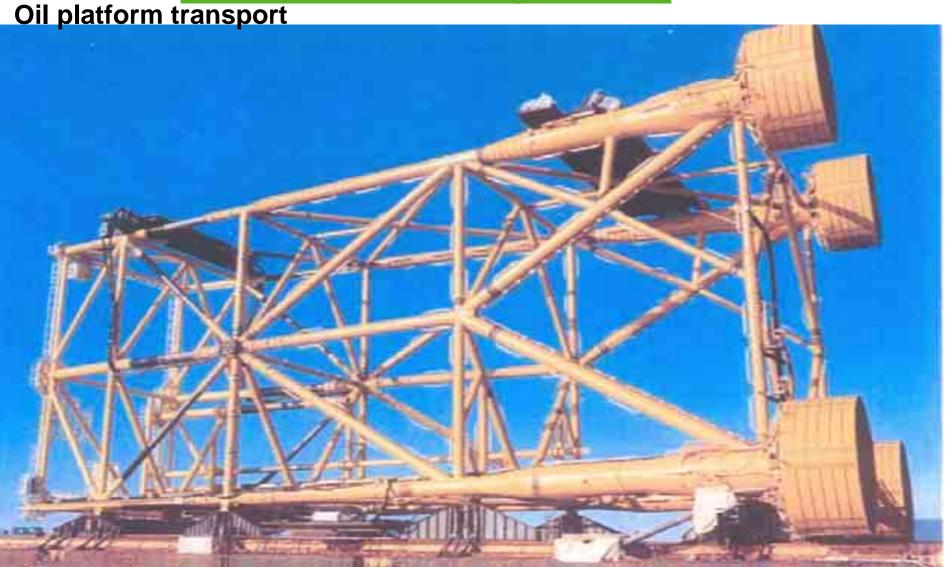
Excavation of the ditch profile to accommodate the welded strings of pipeline



Final result



## 2. Transport technologies at sea













Egyptian and Italian Cooperation Programme on Environment Quantitative Risk Assessment of Oil and Gas Plants





Egyptian and Italian Cooperation Programme on Environment Quantitative Risk Assessment of Oil and Gas Plants





