Energy and growth are intimately related. There will be a pronounced increase in energy demands in the next decades associated to economical development and population growth worldwide. This situation will exacerbate current issues related to the spatial distributions of supply and demand, the dependency on fossil fuels and its environmental consequences.

Geotechnology is at the centre of the energy challenge, from production, transportation, consumption and conservation, to waste management and carbon sequestration. The central role of geotechnology extends to all energy resources, including fossil fuels, nuclear energy and renewable sources.

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