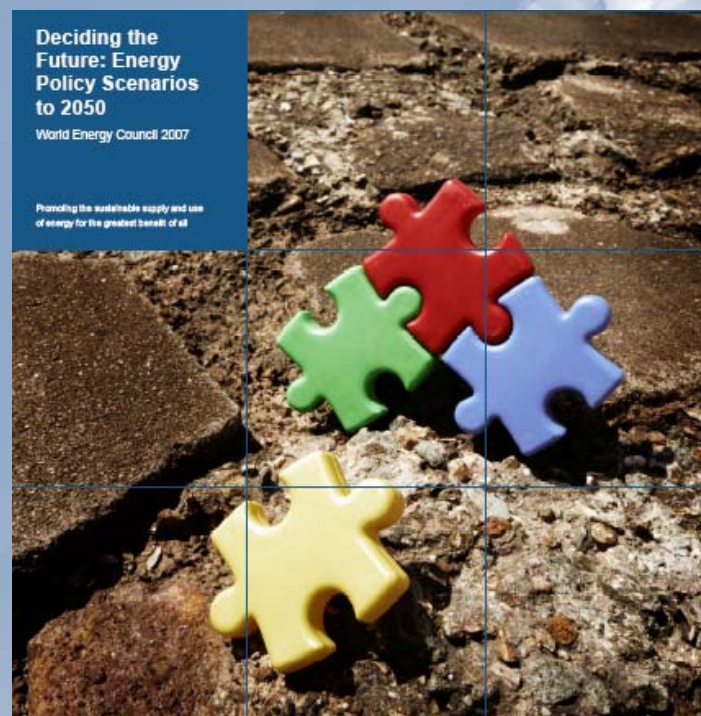




**Deciding the Future:
Energy Policy Scenarios to 2050**

**Youth Delegates Luncheon with WEC:
Wellington 5 March, 2008**

Gerald Doucet, WEC Secretary General



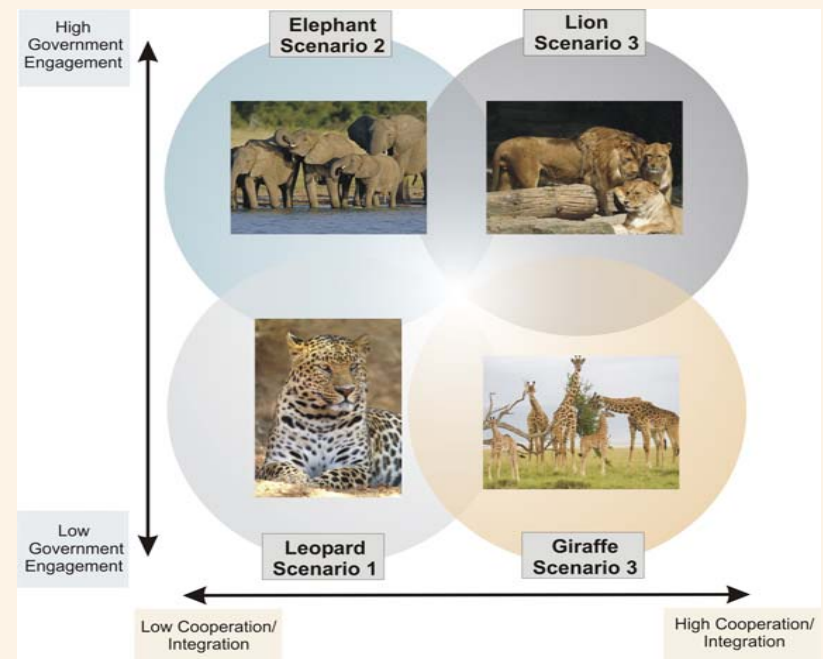
Measures – Study Framework

We studied Energy Policy within the framework of:

- **Government Engagement (High – Low)**
- **Cooperation and Integration (High – Low)**

These dimensions have real interest across the spectrum of WEC member counties.

The study is qualitative, with some quantitative validation.



Evaluation of the Scenarios

We evaluated each of the scenarios on the basis of positive and negative implications for the achievement of the WEC Millennium Goals.

WEC Millennium Goals

Accessibility: access to affordable modern energy for all people

Availability: reliable and secure energy supply

Acceptability: protect and preserve the local and global environment

Synthesis



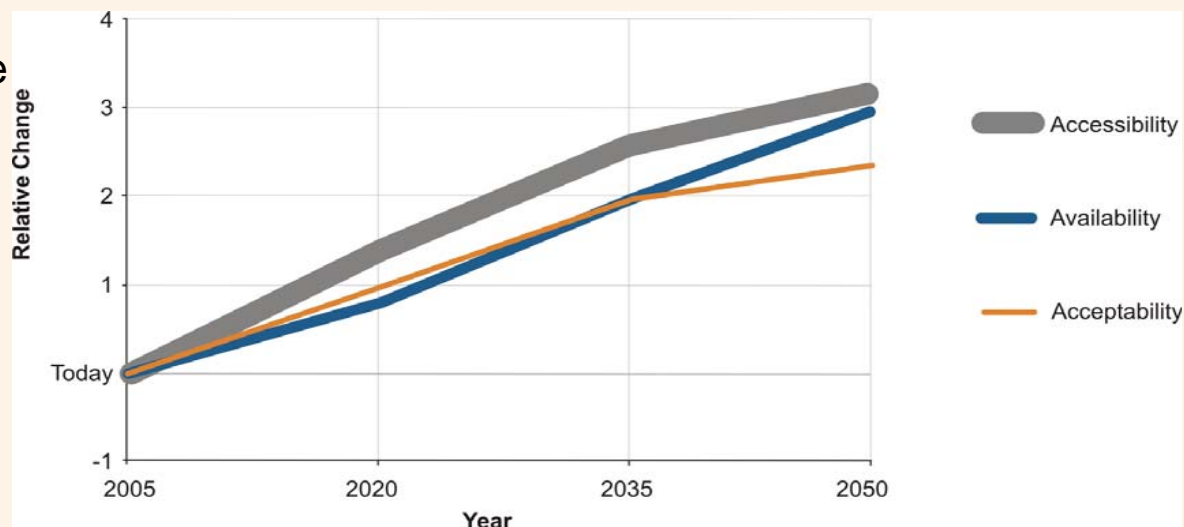
Lion (High Government – High Cooperation)

- National policies provide protection of property and commercial rights promoting international alliances.
- Governments and businesses actively share their experience and expertise.
- Public Private Partnerships ensure a focus on delivery of policy intent.



Lion (High Government – High Cooperation)

- Accessibility and Acceptability are global concerns.
- All 3A's make strong progress through powerful international agreements and programmes.
- This is the best scenario for developing regions.





Key Messages



Deciding the Future: Energy Policy Scenarios to 2050

World Energy Council 2007

Providing the sustainable supply and use of energy for the greatest benefit of all

Key Message 1

To meet the energy needs of all the people in the world, global energy supplies will have to double before 2050.

Key Message 2

The world has sufficient energy resources, knowledge, skills and capital to meet the supply needs; the challenge is to get them from where they are plentiful to where they are needed most.

Key Message 3

We can address the world's accessibility needs in harmony with the effective management of acceptability, thereby mitigating against both social and environmental degradation.

Key Message 4

Higher energy prices (or the specter of the same) will drive efficiency and attract capital investment in developed countries but robust international cooperation and integration is necessary to avoid unintended negative consequences and exacerbating energy poverty in developing countries.

Key Message 5

Private sector engagement is essential – influencing national policy, driving business policy, and ensuring focus on sustained delivery of the policy intent.



Making it Happen



Arenas for Action

Arenas for Action: Government to Government





Next Steps



**A few issues for
consideration
to initiate
your dialogue**

- Energy systems will be under stress in all scenarios.
- The capability to meet the energy supply challenge will be stretched.
- The scenarios with High Cooperation deliver enhanced performance.
- Acceptability is a concern under all scenarios.

THANK YOU

WORLD ENERGY COUNCIL

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