

# Remarks from the Chairperson

## Item 3

**Michael Lynch-Bell**  
Chairman

**Expert Group on Resource Classification**

**Expert Group on Resource Classification, Third Session**  
**Geneva, 2-4 May 2012**

# UNFC Specifications Task Force

- **Development of text for generic specifications**
- **Linkage to CRIRSCO Template and SPE-PRMS for solid minerals and petroleum specifications**
- **Bridging documents with CRIRSCO Template and SPE-PRMS**
- **Glossary of terms and guidelines on the application of key instructions**

# Pilot Study performed by Statoil and Norwegian Petroleum Directorate (NPD)



## Content

- To do a “mapping” of the Norwegian Classification system to the UNFC
  - A “general rule categorisation”
    - Which UNFC-class each NPD category corresponds to
- To use the UNFC system to classify all Norwegian petroleum resources
  - A “Project individual classification”
    - Classification of each individual project according to UNFC definitions, supporting explanations and specifications
- To compare the results of these two exercises

# UNFC2009 and Recipient Reservoirs

Question to the Task Force: *Can UNFC2009 be used to classify injection projects?*

- Injection projects

- Hydrocarbon gas storage
- CO<sub>2</sub> injection related to pure storage projects (CCS) as well as EOR
- Other waste injection and storage

- Project based activities

- Many similarities with oil and gas extraction projects
- Largest challenges seem to be related to the socio-economic viability (E category)

- Stake holders are potentially many with different needs

- Specific injection projects vs. larger screening projects
- Other classification systems have been proposed with varying success so far

Task Force is working towards a proposal, including Definitions and Explanatory texts

# 'Coherent and consistent' reporting of nuclear fuel resources

- **Rationale**
  - Quality reporting of uranium and thorium resources
  - More reliability for long-term resources availability studies
- **What has been achieved?**
  - Review of the existing scheme
  - Preliminary mapping of existing IAEA-OECD/NEA scheme to UNFC 2009
  - Suggestions for generic guidelines
  - Many training sessions in 2011-12
- **Looking ahead ...**
  - Detailed mapping and testing
  - Report on mapping exercise
  - Workshops, meetings, training courses

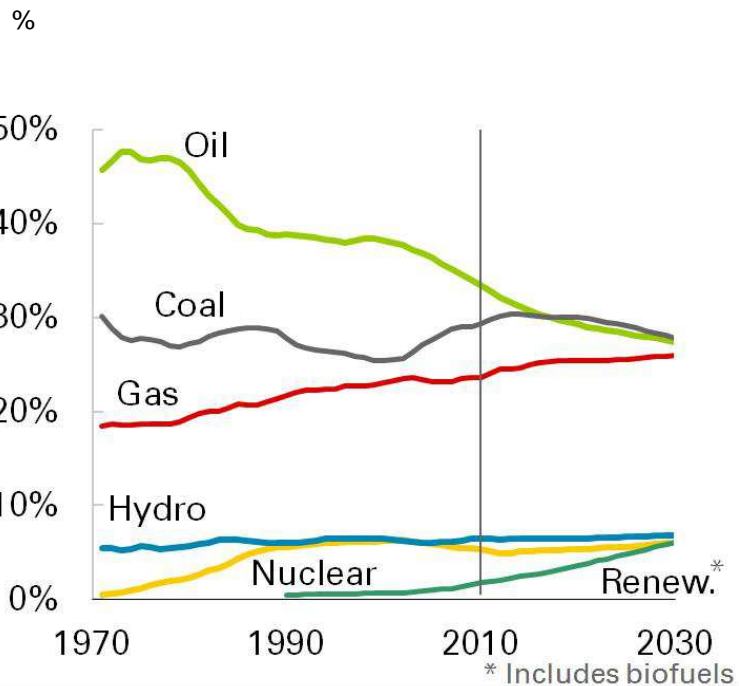


Uranium exploration, Namibia

# Renewable Energy and the UNFC



Shares of World Primary Energy



Renewable energy is on a significant growth trend

The same issues impacting mineral and petroleum projects are relevant for renewable energy

There is a real need for a consistent framework for comparing renewable projects with conventional energy forms

UNFC could meet these needs with minimal modification, providing a tool for communication around issues of sustainable energy

Real EGRC stakeholder commitment