

Seeking Efficiencies

Introduction to the Special Roundtable of the
First Meeting of the Ad Hoc Group of Experts
on the Supply of Fossil Fuels

By Sigurd Heiberg, STATOIL

Geneva, 10th of November 2004

Seeking efficiencies through...

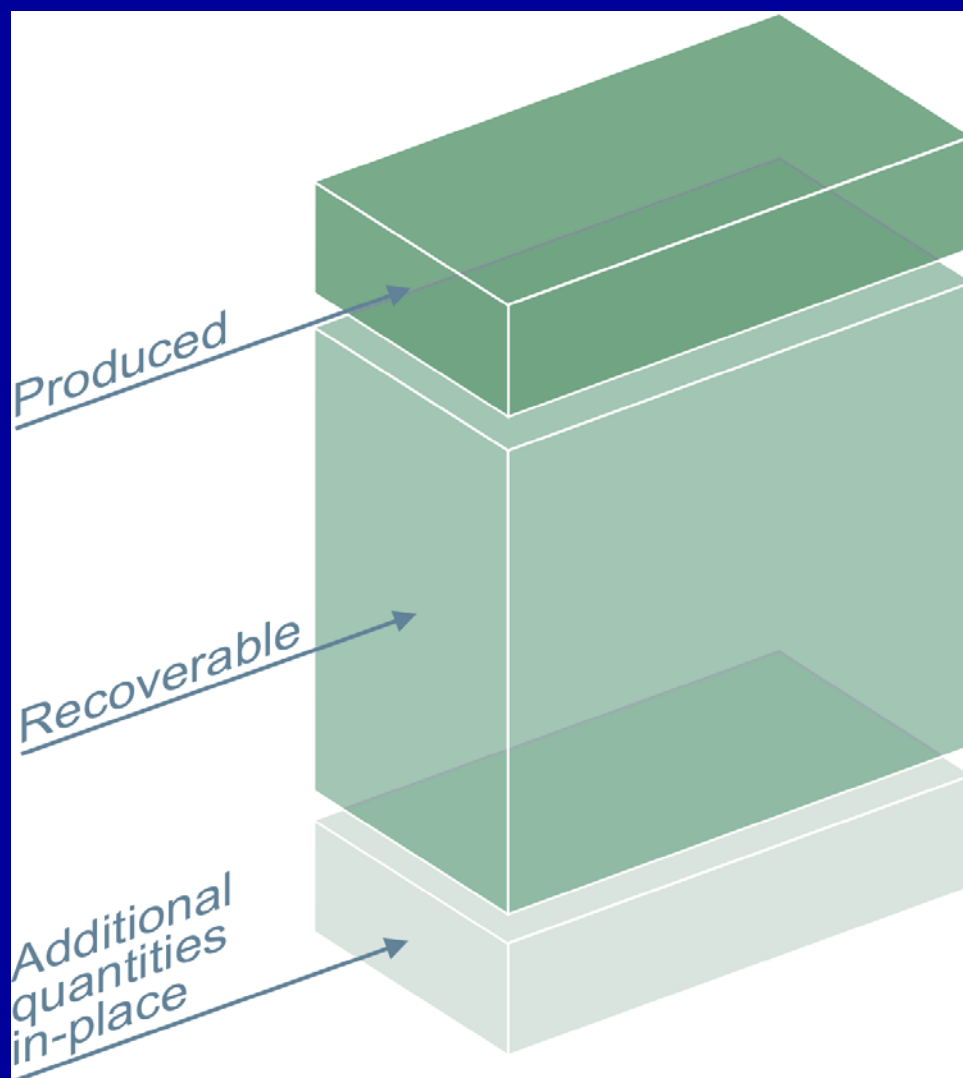
- ◆ ..maximising economic recovery;
- ◆ ..transparency;
- ◆ ..appropriate financial reporting;

...using the the UNFC of UN ECOSOC resolution 2004/236 to recognise efficiencies.

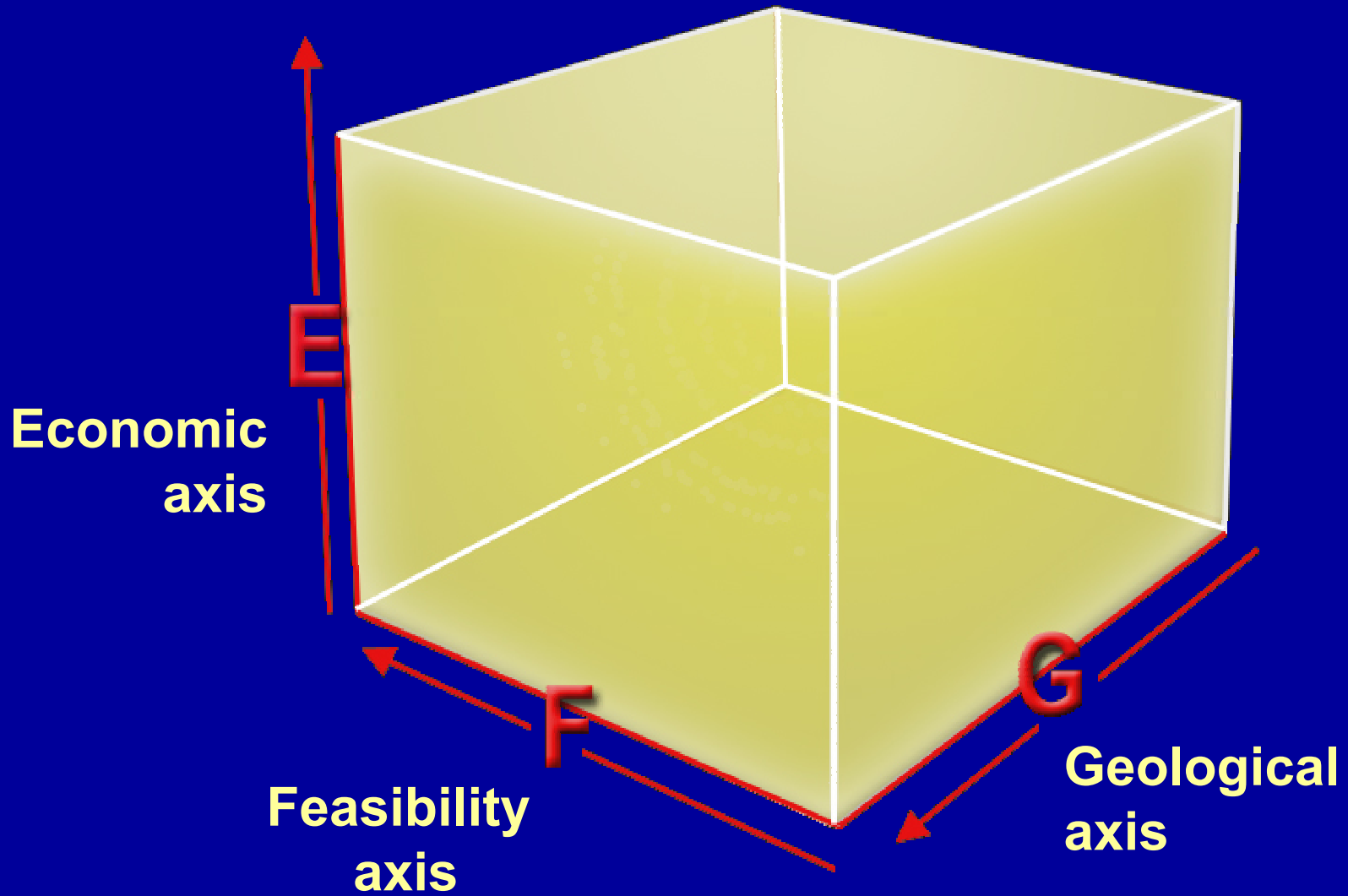
UNFC goals

- ◆ A global framework for energy and mineral resources classification
- ◆ Support efforts to:
 - ◆ Secure supplies
 - ◆ Achieve efficient business processes
 - ◆ Facilitate international financial reporting

Start with total initial quantities in-place

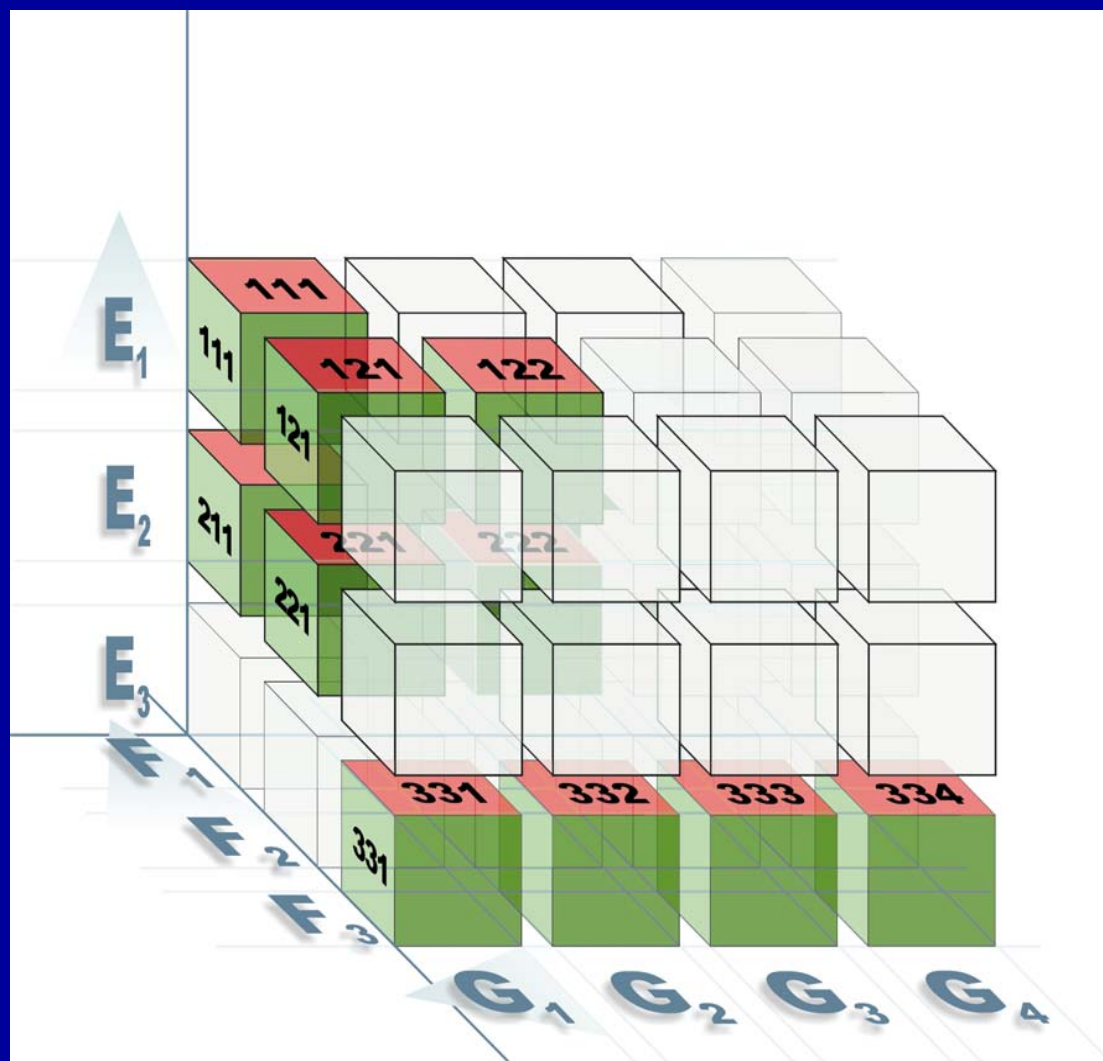


UNFC – basic principles



UNFC for coal, uranium and other solid minerals

- ◆ E1 Economic
- ◆ E2 Potentially economic
- ◆ E3 Intrinsically economic
- ◆ F1 Mining report/Feasibility
- ◆ F2 Pre-feasibility
- ◆ F3 Geological Study
- ◆ G1 Detailed Exploration
- ◆ G2 General Exploration
- ◆ G3 Prospecting
- ◆ G4 Reconnaissance

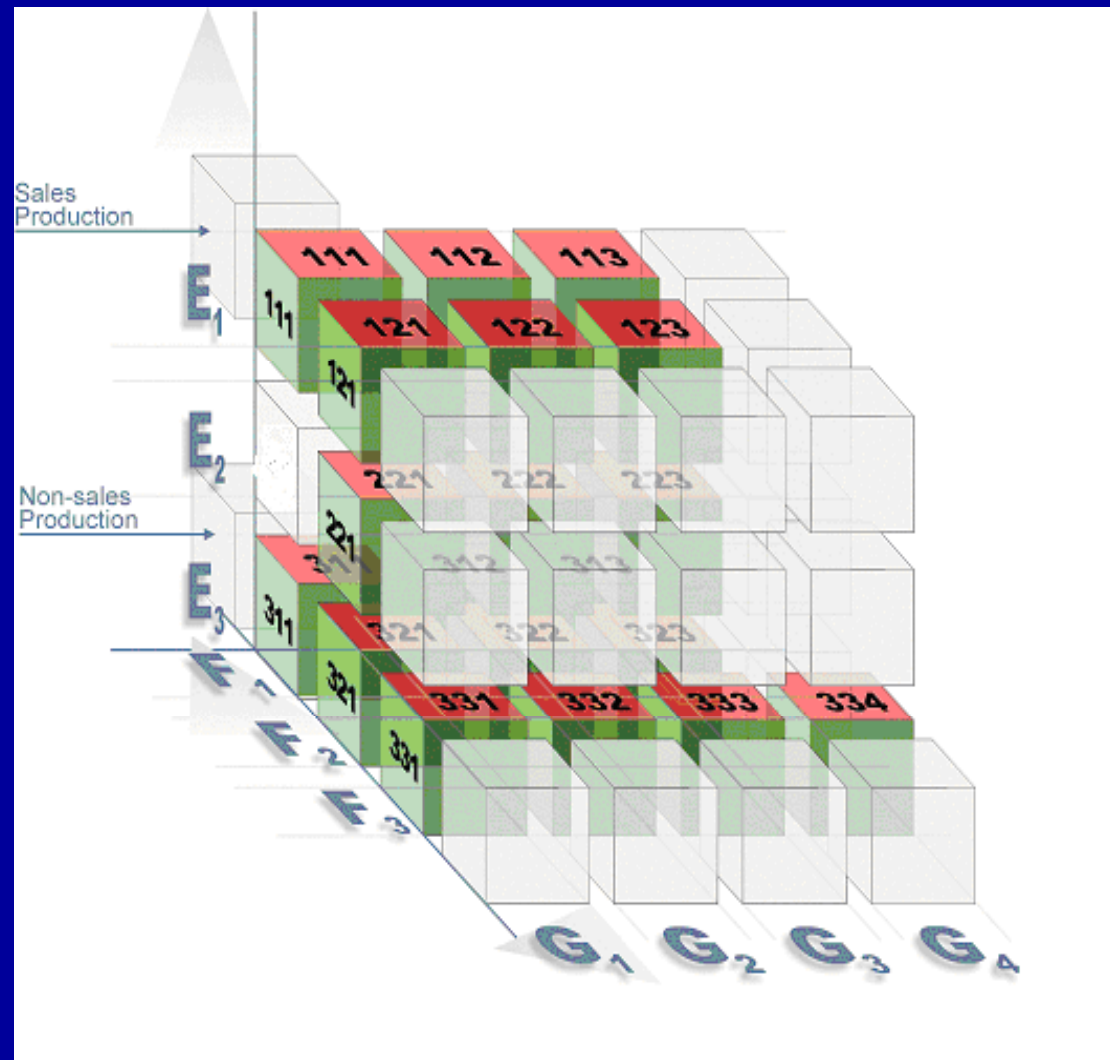


Petroleum classification using three sets of criteria

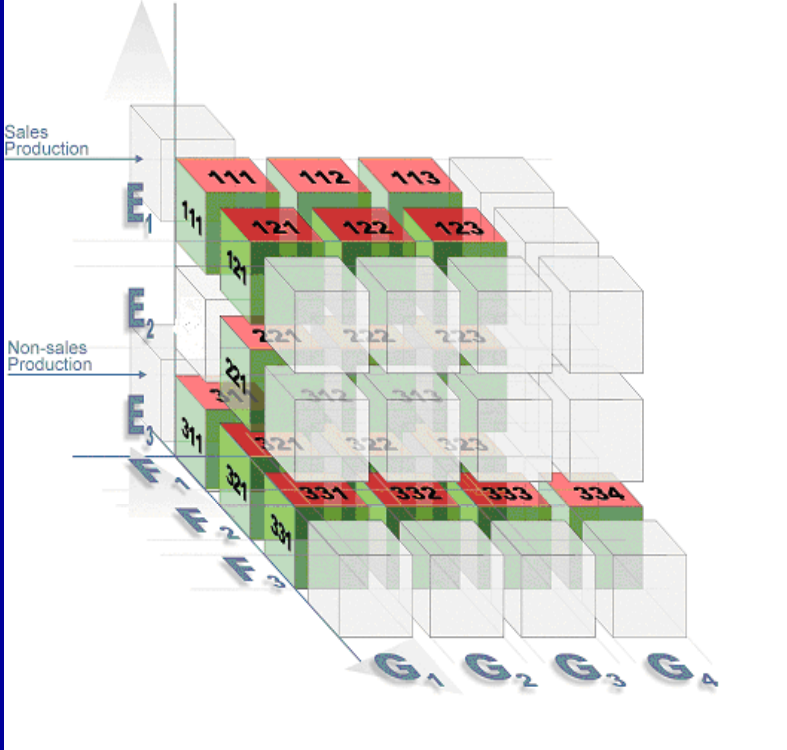
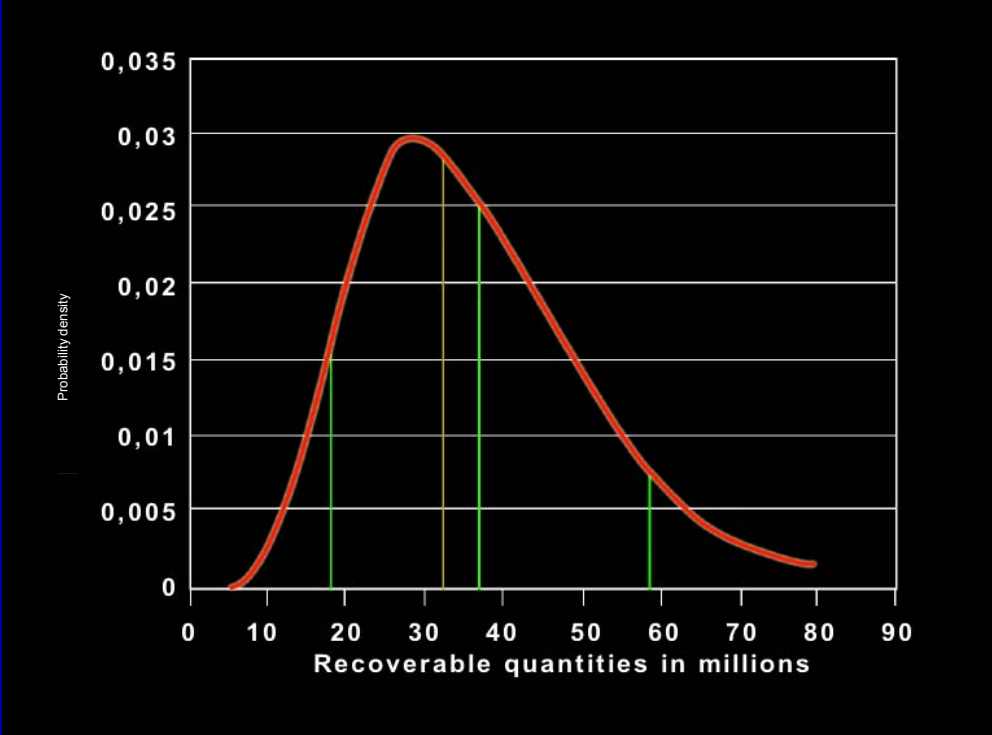
- ◆ E₁ Economic
- ◆ E₂ Potentially economic
- ◆ E₃ Intrinsically economic

- ◆ F₁ Justified
- ◆ F₂ Contingent
- ◆ F₃ Undefined

- ◆ G₁ Reasonably assured
- ◆ G₂ Estimated
- ◆ G₃ Inferred
- ◆ G₄ Potential



Estimates are uncertain



Other common issues

- ◆ Determination of commerciality
- ◆ Qualified person