



Needs in resource management at national level

Per Blystad

Norwegian Petroleum Directorate

AHGE Annual Session 11 - 13 October 2006, Geneva

What to manage?

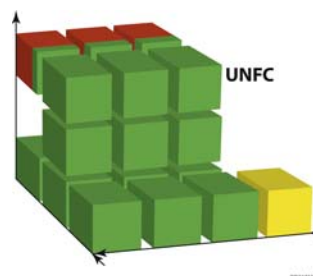


- ◆ Keep an overview of the TOTAL quantities of petroleum (in-place and recoverable)
 - ◆ Discovered: reserves, contingent resources
 - ◆ Undiscovered: prospective resources
- ◆ Production prognosis and resource estimates from each project
- ◆ Investments and costs from fields and mature project
- ◆ Environmental impact from each project
 - ◆ Emissions & discharge to land, sea or air
- ◆ Reporting of data in specified formats and according to national classification system and national specific needs
- ◆ Reporting processes that gives relevant data and consistency in data sets

.....changing system



- ◆ Ensure *no loss of information* by change of system
- ◆ Utilize potential strength of new system
- ◆ Clear criteria for distinction between major classes and between categories



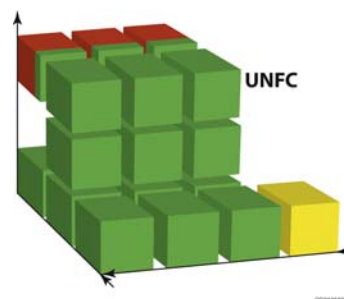
13/10/2006

3

Criteria for distinction between categories for contingent resources



- ◆ Degree of geological confidence
 - ◆ General rules / descriptions for determining a G4, G3, G2 or G1 position
 - ◆ Examples of the same
- ◆ Distinction between the project categories.
 - ◆ Generally more easy to determine but some examples would be helpful, particularly for unconventional resources



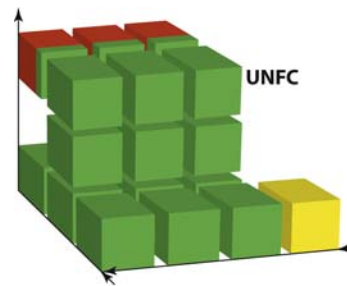
13/10/2006

4

Prospective resources



- ◆ Refinement of 334
- ◆ Reflection on the degree of knowledge: G4
 - ◆ Mapped structure (prospect)
 - ◆ Not mapped (Lead, Play)
 - ◆ Split the G4 category into subcategories
- ◆ Reflecting activity: F3?
 - ◆ Split of F3 related to activity (detailed mapping project; mapping project; regional mapping project, reconnaissance,...)



13/10/2006

5