• Denmark (Greenland) •

URANIUM EXPLORATION

Historical review

See the 2003 Red Book for a brief historical review of uranium exploration.

Recent and ongoing uranium exploration and mine development activities

A new JORC compliant estimate from the exploration company Greenland Minerals and Energy Ltd. was produced in 2008. The estimate is based on data gathered during exploration targeted at other minerals (the Kvanefjeld deposit), as exploration and exploitation of radioactive elements is prohibited in Greenland. The result for uranium is 334 289 000 tonnes of ore at cut-off grade 302 ppm U_3O_8 (256 ppm U, or 0.0256% U), equivalent to 100 960 tonnes U_3O_8 (85 614 tU). No cost of production is included with this resource estimate.

URANIUM RESOURCES

Identified Conventional Resources (RAR & Inferred)

Following an exploration campaign Greenland Minerals and Energy Ltd. reported 100 960 t U_3O_8 (85 614 tU) of re-evaluated previously known inferred resources at the deposit of Kvanefjeld in mid 2008. These results were placed in the high cost category (<260 USD/kgU), because the ore is of a complex composition and processing is expected to be complicated. For these reasons, a recoverability ratio of 65% was used.

Undiscovered Conventional Resources (Prognosticated and SR)

Unknown.

Unconventional Resources and other materials

Unknown.

URANIUM PRODUCTION, REQUIREMENTS AND POLICIES RELATING TO URANIUM

Denmark has no uranium production or requirements. Denmark reported no information on national policies relating to uranium, uranium stocks or uranium prices. In November 2008, citizens of

in Greenland voted decisively in support of a plan to give it greater autonomy from Denmark. As of July 2009, discussion on the issue of producing uranium as a by-product was under discussion in the Government of Greenland parliament but no decision had been taken.

Uranium exploration and development expenditures and drilling effort – domestic

Expenses in EUR	**2006**	**2007**	**2008**	**2009** (expected)
Industry* exploration expenditures	NA	NA	NA	NA
Government exploration expenditures	0	0	0	0
Industry* development expenditures	NA	NA	NA	NA
Government development expenditures	0	0	0	0
Total expenditures	NA	NA	NA	NA
Industry* exploration drilling (m)	NA	10 000	15 000	NA
Industry* exploration holes drilled	NA	NA	NA	NA
Government exploration drilling (m)	0	0	0	0
Government exploration holes drilled	0	0	0	0
Industry* development drilling (m)	0	0	0	0
Industry* development holes drilled	0	0	0	0
Government development drilling (m)	0	0	0	0
Government development holes drilled	0	0	0	0
Subtotal exploration drilling (m)	NA	10 000	15 000	NA
Subtotal exploration holes drilled	NA	NA	NA	NA
Subtotal development drilling (m)	0	0	0	0
Subtotal development holes drilled	0	0	0	0
Total drilling (m)	NA	10 000	15 000	NA
Total holes drilled	NA	NA	NA	NA

* Non-government.

Uranium exploration and development expenditures – non-domestic

Expenses in EUR	**2006**	**2007**	**2008**	**2009** (expected)
Industry* exploration expenditures	NA	NA	NA	NA
Government exploration expenditures	NA	NA	NA	NA
Industry* development expenditures	NA	NA	NA	NA
Government development expenditures	NA	NA	NA	NA
Total expenditures	NA	NA	NA	NA

* Non-government.

Inferred Conventional Resources by deposit type
(tonnes U)

Deposit type	<USD 40/kgU	<USD 80/kgU	<USD 130/kgU	<USD 260/kgU
Unconformity-related	0	0	0	0
Sandstone	0	0	0	0
Hematite breccia complex	0	0	0	0
Quartz-pebble conglomerate	0	0	0	0
Vein	0	0	0	0
Intrusive	0	0	0	85 614
Volcanic and caldera-related	0	0	0	0
Metasomatite	0	0	0	0
Other*	0	0	0	0
Total	0	0	0	85 614

* Includes surficial, collapse breccia pipe, phosphorite and other types of deposits, as well as rocks with elevated uranium content. Pegmatite, granites and black shale are not included.

Prognosticated Conventional Resources
(tonnes U)

Cost ranges		
<USD 80/kgU	<USD 130/kgU	<USD 260/kgU
NA	NA	NA

Speculative Conventional Resources
(tonnes U)

1		
<USD 80/kgU	<USD 130/kgU	Unassigned
50 000	50 000	50 000

• Egypt •

URANIUM EXPLORATION

Historical review

See the 2007 edition of the Red Book for a historical review of uranium exploration.

Recent and ongoing uranium exploration and mine development activities

During the last two years (2007 and 2008) the Nuclear Materials Authority of Egypt (NMA) concentrated its exploration and development activities in four of its uranium prospects in the southern