



**IAEA**

International Atomic Energy Agency

INIS SECRETARIAT

## INIS PROGRESS AND ACTIVITY REPORT 2006

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## **Highlights of INIS Activities 2006**

INIS, the International Nuclear Information System, is an established nuclear information resource operated by the IAEA on behalf of its Members. Its primary mission is to foster an open information exchange for the scientific benefit of its Members.

In 2006, four new members joined INIS: the Central African Republic, Namibia, Luxembourg, and the Brazilian-Argentine Agency for Accounting and Control of Nuclear Materials (ABACC). This brings the total number of INIS members to 140.

2006 saw a significant increase in the support provided to INIS Member States through the IAEA Technical Co-operation Department.

### **INIS Database**

With the successful completion of volume 37 of the INIS Bibliographic Database, a total of **122 412** records were added in 2006, which is the best result in INIS history and corresponds to a 100% increase compared to 1999 when INIS started the Computer-Assistance-Indexing (CAI) project. This very impressive result was achieved with the competent work of the INIS team and in cooperation with Member States. The total number of records in the INIS Database has reached **2 778 427**.

### **INIS NCL Collection**

In 2006, the electronic full-text of 14 610 NCL documents were processed and added to the INIS NCL collection and a total of 47 NCL CDs were produced and distributed to designated Document Delivery Centres in INIS Member States.

### **INIS Database on the Internet**

Continued efforts were devoted to expanding access to universities. At the end of 2006, a total of 323 universities out of 60 Member States were provided with access to the INIS Database. In addition, 62 universities were contacted to finalize the license formality and the registration process.

At the end of 2006, the total number of subscribers was 457 out of 121 Members. The total number of authorised IP users was 1 502 498, and there were 3,485 individual registrations. The INIS Secretariat provided, upon request, usage statistics to ILOs and subscribers.

At the end of February 2007, the total number of subscribers was 468 out of 121 Members. The total number of authorised IP users increased to 1 568 326, and there were 3,488 individual registrations.

### **INIS Database on CD-ROM**

The INIS Database continued to be made available on a monthly basis to subscribers. The product consists of a set of eleven archival CD-ROMs covering the period 1970–2005, and one current CD-ROM. Total number of subscriptions in 2006 was 294 out of 106 INIS Members.

### **Partnerships**

#### ***OECD/NEA Databank***

The Agency continued its co-operative arrangement with the OECD/NEA Data Bank.

A significant increase in the provision of this service was seen during 2006, and 726 packages out of a total of 5577 were distributed to 32 non-OECD Member States and the IAEA. 26 new or updated computer packages out of a total of 105 were received from non-OECD Members, which also increased significantly compared with 2005.

#### **Partnership with the Office of Scientific and Technical Information (OSTI), USA:**

Based on the ILO's recommendation on the need to facilitate access to nuclear information prior to the establishment of the System, the INIS Secretariat worked with the national INIS Centre of the USA at OSTI

for the development and maintenance of a search Interface/Viewer for the Nuclear Science Abstracts (NSA) of the Energy Citations Database (ECD). The NSA Viewer allows the user to search records from the NSA Database without having to search through the full ECD. It contains over 829 000 items from the NSA printed volumes. Over 172 000 of these have digitized abstracts, and over 500 have had full-text scanned electronically. These numbers will evolve over time, depending on resources. A link to this Viewer is available through the INIS Database on internet.

### **Technical Cooperation**

2006 saw a significant increase in the support provided to INIS Member States through the IAEA Technical Co-operation Department.

Seven new TC project concepts were received in the Section. This is the first time the Section received such a high number of TC projects. Project action plans were prepared, four new national INIS related projects were approved, and three national projects continued to be implemented in 2006.

One regional course took place in Damascus, Syria, and two national seminars were conducted.

Support was provided to several INIS Centres in terms of equipment and staff training.

Meetings were organised with TC scientific visitors at IAEA Headquarters, who were provided with information about INIS and its products and services.

### **Regional INIS Training Course 26–30 November 2006, Damascus, Syria**

The Regional Training Course on INIS was held in Damascus, Syrian Arab Republic, and was attended by 16 participants from 8 Member States. The course provided hands-on training on all aspects of INIS operations, input preparation, retrieving information from the INIS Database and other IAEA online resources. It was the first course to be conducted in the Arabic language.

### **National INIS Seminar in Niger, 1–2 December 2006:**

The National INIS Seminar in Niger was held in cooperation with the Ministère des Mines et de l'Énergie (MME) and the IAEA. It was attended by 20 participants from MME and different Institutes in the Agriculture, Mining, Geology and Medicine sectors, and other universities. The Seminar covered the following topics: INIS philosophy, products and main directions of development; the role of the National INIS Centres and benefits to INIS Members; information retrieval from the INIS Database and functionalities with several hands-on training sessions.

### **INIS & NKM Section at AFRA Meeting:**

The Section was represented at the 17th Technical Working Group meeting of the African Regional Co-operative Agreement for Research, Development and Training Related to Nuclear Science and Technology (AFRA), held in Bamako, Mali, on 24–28 April, 2006. This provided an opportunity to present INIS and invite AFRA Member States to take maximum advantage of the services that INIS can offer to them.

The presentation triggered an extensive discussion about various aspects of nuclear information, and how AFRA Member States can effectively face the many challenges posed by the lack of reliable data in the field of nuclear science and technology. Following this event several positive indications from those participating Member States were evident. Two new countries joined INIS (Central African Republic and Namibia); additional input was sent to INIS; national seminars were conducted; and requests for training of staff at national INIS Centres received

### **The INIS Distance Learning Program (DLP)**

The DLP is a valuable tool to ensure that staff at the national INIS Centres have easy access to relevant information and knowledge on all aspects of INIS input preparation. The DLP contains two modules for input preparation; the “Subject Analysis Module” and the “Bibliographic Description Module” (including NCL full-text guidelines) and is made available to Member States on the web and on CD-ROM. The INIS Secretariat conducted a survey among the ILOs and registered users. The survey confirmed the need to

maintain this program, and Members States requested that additional courses be made available, as well as the need to introduce the courses in other official UN languages.

Based on this survey the DLP was revised and updated both in content and format, including re-writing one part of the Bibliographic Description Course. Additionally, the DLP was redesigned and all course pages were prepared in line with the Agency's visual identity. An open source distance learning system called ATutor was tested for possible use with this Program.

During the second part of 2006, due to staff shortages, it was not possible to continue the maintenance of the DLP on the web. However, The INIS Secretariat continues to provide the DLP on CD.

## **Marketing and Outreach**

During 2006, the INIS Secretariat undertook numerous promotional and outreach activities and produced promotional materials in support of these activities.

The INIS Secretariat continued to assist the ILOs in their promotional activities, providing them with promotional materials to be used during such events. The INIS Secretariat fulfilled 26 requests for promotional materials and assisted 22 Members in promoting the System.

At IAEA Headquarters, the INIS Secretariat established contacts with the scientific secretariats of 49 in-house meetings and conferences and provided INIS promotional materials for these. This included the IAEA General Conference, where the Section had a stand which was operated by INIS staff and which received a large number of visitors.

For the first time an exhibition was organised during the ILO meeting, with the participation of several ILO's.

A new web site was developed for the Section, and the INIS Members' Area. Both sites continue to be maintained and updated.

Two articles were prepared and published; one in the IAEA Bulletin and the second in the Nuclear Knowledge Management Journal.

## **Topical Sets of INIS Information Resources**

The INIS Secretariat produced several subject-oriented/topical demo CDs containing INIS records and NCL full-text. These CDs were made available to participants at in-house meetings and conferences and were provided to the ILOs upon request. This product has proven to be popular among meetings and conference participants.

## **Development and Innovation**

### *New INIS DB on the Internet*

A new version of the INIS Database on the Internet was released in 2006. New additions include a multi-lingual interface (currently English, German, Japanese and Spanish), direct on-line access to full-text documents, full-text search, automatic notification of new records satisfying pre-selected criteria, and many other interesting new and enhanced features.

### *Computer-Assisted Indexing System (CAI)*

For the second project phase of CAI 1.10, further developments and upgrades of this system were implemented, i.e. handling improvements (indexing and thesaurus browsing, ergonomics), monitoring improvements (statistics, workflow management) and improvements in indexing capabilities. The CAI specific thesaurus extension is continuously tuned by the subject specialists of INIS. In 2006 there were 73 426 records indexed with the Computer-assisted Indexing System.

In addition to the interactive indexing, the CAI system installed an automatic “batch processing” mode, which allows batches of documents to be run through the system, resulting in a special field of “suggested descriptors” for each record, which can then be handled (approved/rejected/amended) by subject specialists using FIBRE or any other input preparation software. In 2006, eleven Member States (AR, CA, CN, DE, FR, LT, LV, MY, US, UZ and VN) used the CAI batch processing mode and 4601 records were processed.

### *Multilingual Thesaurus*

Recently, the INIS Secretariat acquired a thesaurus management system that supports Unicode and all official UN languages. As part of the development of the thesaurus management system, a new XML exchange format for the thesaurus was developed. This format was used to upload the Thesauri in all official UN languages, plus German, into the new thesaurus management system. It can be used for distributing and exchanging any version of the thesaurus.

Print preparations (PDF files) were produced for monolingual versions of the thesaurus including the full thesaurus hierarchy, and multilingual dictionaries without thesaurus hierarchy; and an interactive multilingual thesaurus with navigation capabilities, including the full thesaurus hierarchy in HTML was developed.

All these documents are based on the Joint Thesaurus Part I and II of the ETDE/INIS Joint Reference Series No. 1 (Rev. 2), October 2006. These print preparations, together with the interactive multilingual thesaurus, are now available for INIS Member States on the INIS Members Area of the INIS and NKM website (<http://www.iaea.org/inisnkm>). The interactive multilingual thesaurus will also be available on CD-ROM.



### *New INIS & NKM Website*

A new website for the INIS and Nuclear Knowledge Management Section was launched, merging the two existing sites of the INIS and the NKM Units.

### **Digital Preservation; Cooperation with Member States**

The INIS Imaging Team successfully completed digitization of selected parts of the French historical CEA collection on microfiche. A total of 3235 reports with over 180 000 pages was digitized and added to the French collection. The integration of the literature to the INIS Database and the INIS NCL full-text collection is ongoing.

The team also assisted the Brazilian INIS National Centre with the digitization of Brazilian authors' works on the occasion of the 50th anniversary of CNEN, the Brazilian Nuclear Energy Commission.

In addition to the ongoing digitization initiatives, eg. INDC collection, IAEA Bulletin, IAEA Gov/Inf, Gov/Atom, General Conference Statements, etc, four new digitization projects were started in cooperation with the INIS National Centre of the respective countries, ie. Mexico, Serbia, Sweden, Technical Reports of the IAEA Library. The ultimate goal is the integration of the literature to the INIS Database and provision of online access to the full-text of the material.

### **Meetings**

The Consultancy Meeting on "Strategic Input to INIS" was conducted in Vienna, Austria, 24 – 28 April 2006

The Thirty Third Consultative Meeting of the INIS Liaison Officers was held in Vienna, Austria, 30 October – 1 November 2006.

# INIS PROGRESS AND ACTIVITY REPORT 2006

## A. General Statistics

### A.1. Summary

Membership	2005	2006
Official Participants (Member States + International Organisations)	136 (114+22)	140 (117+23)
Centres Submitting Input (Member States + International Organisations)	80 (72+8)	87 (79+8)

#### Voluntary Contributions

Number of records processed by the INIS Secretariat	53,645	63,592
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#### Form of Input (number of Centres submitting input)

E-mail	74	77
FTP	17	18
Diskettes	8	6
LAN	7	7
CD-ROM	1	2
Worksheets	2	2
CD-ROM (NCL full-text)	8	11

#### Input and Processing Figures

	Volume 36	Volume 37
Records published (volume year no. 35 and 36)	116,636	122,412
Non-conventional literature: records published	30,864	27,919

#### Output Figures

Centres receiving INIS Atomindex files output on CD-ROM	16	15
Paid Subscriptions to NCL documents on CD-ROM	7	7
Free subscriptions to NCL documents on CD-ROM (in accordance with INIS Technical Note 134)	60	60
INIS centres with free site license for access to the INIS Database on Internet (including the IAEA)	114	120
Authorized users for access to INIS Database on Internet under free subscriptions <sup>1</sup>	81,274	88,625
Paid subscriptions to INIS Database on Internet	19	14
Authorized users for access to INIS Database on Internet under paid subscriptions	5,660	2,167
Universities provided with complimentary access	283	323
Authorized users for access to INIS Database on Internet under complimentary access for Universities/Academic Institutes	1,175,771	1,415,159
Subscriptions to INIS Database on Internet for Permanent Missions to the IAEA (Free)	22	24

<sup>1</sup> - <sup>1</sup> The staff of the four INIS Members located at the Vienna International Centre (VIC) is not included, as they access the Database without registration.

**INIS on CD-ROM**

Paid subscriptions (current)	104	86
Free subscriptions	107	114

**Meetings**

Consultative Meeting of INIS Liaison Officers (number of INIS Members represented)	63	64
INIS Consultants Meeting , Vienna, 2006 (number of INIS Members represented)	n/a	6

**Budget**

Approved budget	3,866,100 (€)	3,044,810 (€)
Revised financial plan	4,080,900 (€)	3,154,779 (€)
Actual expenditure	4,088,873 (€)	3,151,948 (€)

**Staff — Approved posts in the INIS & NKM Section**

Professional staff	20	21
General Service staff	22	21

**A.2. Member States and International Organizations participating in INIS (status at end-August 2006)**

<b>Member State</b>	<b>INIS Liaison Officer</b>	<b>Alternate INIS Liaison Officer</b>
Albania	Ms. Flutura Bogdani	---
Algeria	Mr. Djaber Krizou	Mr. Salim Asselah
Argentina	Ms. Alejandra T Chavez	---
Armenia	Mr. Armen Amirjanyan	---
Australia	Ms. Rachel Bradley	Mr. Mahmood Khan
Austria	Mr. Gert Sdouz	---
Azerbaijan	Dr. Adil Garibov	---
Bangladesh	Dr. Madhabi Islam	---
Belarus	Mr. V.A. Ivanyukovich	---
Belgium	Mr. Alain Sneyers	---
Bolivia	Ms. Carmen Rosa Fuentes Salome	---
Botswana	Dr. Edson Selaolo	Mr. Stephen Williams
Brazil	Ms. Maria Betania Monte Alto Lambert	Ms. Odete Correa de Azevedo Coutinho
Bulgaria	Ms. Albena Georgieva	---
Burkina Faso	Mr. Donatien Sawadogo	---
Cameroon	Mr. Bonaventure Etoundi	Mr. F.D. Kenmogne
Canada	Ms. Monica Lim	---
Central African Republic	Mr. Y.S. Kondji	Mr. T.N. Kouagou-Bangassi
Chile	Ms. Cecilia Navarrete Urbina	Ms. Victoria Ortiz
China, People's Rep	Mr. Hou Huiqun	---
Colombia	Mr. Leopoldo Gonzalez Oviedo	Ms. Ana Garcia Sanchez
Costa Rica	Ms. Maria Eugenia Bricefio	Ms. Julieta Soto Rojas
Croatia	Ms. Suncana Podhraski Benkovic	Ms. Sanda Pleslic
Cuba	Mr. Manuel Fernandez Rondon	Ms. Katia Gonzalez Sanchez
Cyprus	Mr. Andreas Savva	Mr. S. Christofides
Czech Republic	Mr. Petr Adamek	---
Democratic Rep Congo	Mr. Mampasi Lubanza Christian	---
Denmark	Ms. Birgit Pedersen	Ms. Line Nissen
Ecuador	Ms. Hipsy Cifuentes	---
Egypt	Ms. Fayka abd Elhalim Ibrahim	Mr. Mahmoud Hanfy El Beheriy
El Salvador	Mr. Oscar Armando Amaya Monterrosa	Mr. Marco Antonio Ayala Aristondo
Estonia	Ms. Margit Kuulmann	---
Ethiopia	Dr. Leulseged Alemie	Mr. Muluken Wubayehu
Finland	Ms. Eva Tolonen	---

<b>Member State</b>	<b>INIS Liaison Officer</b>	<b>Alternate INIS Liaison Officer</b>
France	Ms. Christa Brulet	Mr. Jérôme Surmont
Georgia	Mr. Irakli N. Maisuradze	Ms. Marine N. Machavariani
Germany	Ms. Sabine Brünger-Weilandt	Ms. Eike Helmann
Ghana	Ms. E.A. Agyeman	Mr. Richard Asare
Greece	Ms. Vasso Tafili	Dr. Potiriades
Guatemala	Mr. Jorge Guillen	---
Haiti	Mr. Hugo Coles	---
Hungary	Mr. Sandor Zsiga	---
India	Mr. Vijai Kumar	---
Indonesia	Ms. Ruliyanti Pardewi	---
Iran Islamic Republic	Mr. Abdolmajid Hadidi	Mr. Masoud Rahimian
Iraq	Mr. I.A. Ajaj	Mr. R.A. Al-Shaheed
Ireland	Ms. Isabella Bolger	---
Israel	Mr. Dov Barak	Mr. Haim Rotem
Italy	Ms. Monica Sala	---
Japan	Dr. Satoru Sugawara	Mr. Keizo Itabashi
Jordan	Mr. Jad Al-Rabadi	Ms. Randa Al-Qudah
Kazakhstan	Ms. Karlygash Namazkulova	---
Kenya	Mr. Vitalis Omolo Awuor	Mr. Dominic Njoroge Kinyanjui
Korea, Republic of	Mr. Do-Young Choi	Mr. JiHo Yi **
Kuwait	Mr. Ahmad Khalid Al-Jassar	---
Kyrgyzstan	Mr. Kubanychbek Noruzbaev	---
Latvia	Ms. Ilva Ake	---
Lebanon	Ms. Mona Shbaro	---
Libyan Arab Jamahiriya	Dr. A. Zawia	Mr. Mohamed Fkini
Lithuania	Ms. Renata Karaliute	---
Luxembourg	Mr. Patrick Majerus	Mr. Charles Thibo
Madagascar	Mr. Andriantsoa Jean Rubis	Mr. R. Andriambololona
Malaysia	Mr. Samsurdin Ahamad	Ms. Aion Abdul Manaf
Mali	Mr. Adama Yoro Sidibe	---
Mauritius	Mr. Rajcoomar Bikoo	Mr. Radhamohun Mungur
Mexico	Mr. Ricardo Botello Corte	---
Moldova	Mr. Artur Buzdugan	---
Mongolia	Mr. Gendengiin Altan-Och	Mr. Nambaryn Gansukh **
Morocco	Mr. Abdeslam El Hamdaoui	---
Myanmar	---	---
Namibia	Mr. Joseph Eiman	Mr. Axel Tibinyane
Netherlands	Mr. M. Jelgersma	---
New Zealand	---	---
Nicaragua	Ms. Maria de Carmen Morales	---
Niger	Mr. Toudjani Soumana	---
Nigeria	DG, Energy Commission	---
Norway	Ms. Astrid Gudmundseth	---
Pakistan	Mr. Shahid Riaz Khan	---
Panama	Dr. Octavio Castillo Sanchez	---
Paraguay	Mr. Victor Rodriguez Gauto	---
Peru	Mr. Antonio Prado-Cuba	---
Philippines	Ms. Imelda S. Delfin	Ms. Elnora L. Conti
Poland	Mr. Adam Turowiecki	---
Portugal	Dr. José Gonçalves Marques	Dr. Antonio Ramalho
Qatar	Ms. Maha Ali Al-Marri	---
Romania	Mr. Mircea I. Cristu	---
Russian Federation	Mr. V. M. Kupriyanov	Mr. O.G. Mikhnevich
Saudi Arabia	Mr. Hamad A. Al-Sadoon	Dr. Iyas Al-Hajiri
Senegal	Mr. Youssouph Diatta	Ms. Arlette Tairou
Serbia	Mr. Branislav Durasevic	Ms. Milena Matic

<b>Member State</b>	<b>INIS Liaison Officer</b>	<b>Alternate INIS Liaison Officer</b>
Singapore	Ms. Isabel Yeo-Tang I-Sha	Dr. Paul Lee
Slovak Republic	Mr. Karol Janko	---
Slovenia	Mr. Davor Lovincic	Ms. Polonca Kuhar
South Africa	Ms. M.J.S. Scheepers	---
Spain	Ms. E. Martin Santamaria	---
Sri Lanka	Ms. H.L.C. Nanayakkara	Mr. H.M.K. Soysa
Sudan	Ms. Hala Ahmed Abdalla	---
Sweden	Mr. L. Edvardson	---
Switzerland	Dr. Fritz Gassmann	Dr. A. Pritzker
Syrian Arab Republic	Mr. Raek Al-Shanaa	Mr. Raed Al-Hallack
Tajikistan, Republic of	Mr. Ilkhom Mirsaidov	Mr. Turonsho Khikmatov
Thailand	Ms. Chothip Mongkulmann	Ms. P. Patumthong
The Former Yugoslav Rep. of Macedonia	Ms. Marija Sejmenova-Gicevska	---
Tunisia		Ms. Najet Khemiri
Turkey	Ms. Olcay Sahin Seekin	---
Uganda	Mr. Richard Oriada	---
UK	Mr. Anthony Halliday	---
Ukraine	Ms. Zhanna I. Pysanko	---
United Arab Emirates	Mr. Sulaiman Shaheen	Ms. Fawzia Al Marzooqi
United Republic of Tanzania	Mr. Ebenezer Kimaro	Ms. Ayda Al Shehhi
Uruguay	Ms. Ana Rebellato	Mr. Shovi F. Sawe
USA	Mr. Brian A. Hitson	Ms. S. Fascioli de Turenne
Uzbekistan	Dr. Makhtuba Kadirova	Ms. Deborah E. Cutler
Venezuela	Ms. Xiomara Jayaro	Dr. M. Salimov
Viet Nam	Mr. Hoang Anh Nguyen	Ms. Yadira Rojas**
Yemen	Mr. Abdul Aziz Al-Shehari	---
Zambia	Mr. Bernard M. Chisenga	---

<b>International Organization</b>	<b>INIS Liaison Officer</b>	<b>Alternate INIS Liaison Officer</b>
AEA	Ms. Nahla Nasr	---
ABACC	Ms. Ioná Ponce Pereira	Mr. José Orpet Marques Peixoto
CERN	Mr. Jens Vigen	---
CTBTO	Chief, Public Information Section	---
EC	Mr. Guy Sadler	---
FAO	Mr. G. Stergiou	---
IAEA	Mr. Robert Workman	---
ICRP	Mr. D.A. Perry	---
ICSTI	Dr. Marina Y. Tumanova	Mr. A.I. Lovtzov
IIASA	Mr. Aviott John	---
ISO	Mr. Evgueni Patrikeev	---
JINR	Mr. Boris M. Starchenko	---
MERRCAC	Mr. Ashraf Taha Mahmoud	Mr. Maysa Talaat Abd Elmoteleb
OAU	Mr. Atef Wahba Ghabrial	---
OECD/NEA	Mr. Juan Manuel Galan	---
UNIDO	---	---
UNSCEAR	---	---
WEC	---	---
WHO	Mr. Kiyoshi Shibata	---
WMO	Mr. Paul D. Llanso	---
WNA	Mr. Warwick Pipe	Mr. Serge Gorlin
WNU	Mr. Warwick Pipe	Mr. Serge Gorlin
WONUC	Mr. Christophe Chaubard-Willm	---

### A.3. INIS Membership

Year	States/Int'l Org	INIS Members
1969	23 + 2	Argentina, Australia, Austria, Belarus, Canada, CSSR, Denmark, France, Hungary, India, Israel, Japan, Korea Rep. of, Mexico, Norway, Pakistan, Russian Federation, South Africa, Sweden, UK, Ukraine, USA, Vietnam, FAO, IAEA
1970	38 + 12	Belgium, Brazil, Bulgaria, Egypt, Finland, Germany, Italy, Netherlands, New Zealand, Philippines, Poland, Portugal, Romania, Thailand, Yugoslavia, CERN, EC, ICRP, ISO, OAU, OECD-NEA, UNSCEAR, WEC, WHO
1971	39 + 12	Switzerland
1972	44 + 12	Bangladesh, Chile, Peru, Spain, Turkey
1973	44 + 13	JINR
1974	47 + 13	DDR, Indonesia, Iran
1975	48 + 13	Iraq
1976	51 + 13	Algeria, Ghana, Ireland
1977	53 + 13	Cameroon, Venezuela
1978	62 + 13	Democratic Rep. Congo, Ecuador, Kuwait, Madagascar, Malaysia, Mali, Qatar, Sri Lanka, Zambia
1979	64 + 13	Columbia, D.P.R. Korea
1980	66 + 13	Cuba, Greece
1981	69 + 14	Libya, Paraguay, Syria + IIASA
1982	69 + 14	—
1983	72 + 14	Saudi Arabia, Nigeria, Guatemala
1984	73 + 14	China
1985	74 + 14	Uruguay
1986	74 + 14	—
1987	75 + 14	Panama
1988	78 + 15	Costa Rica, Morocco, Jordan + UNIDO
1989	79 + 15	Mongolia
1990	79 + 15	DDR ceased, Sudan joined
1991	80 + 16	Albania + AAEEA
1992	81 + 17	Bolivia + ICSTI, WMO
1993	86 + 17	Nicaragua, Slovenia, Slovakia, Kenya, Ethiopia
1994	88 + 17	Croatia, Lebanon and Lithuania joined, D.P.R. Korea withdrew
1995	94 + 17	Armenia, Kazakhstan, Uzbekistan, Myanmar, Estonia, Tunisia
1996	99 + 17	The former Yugoslav Republic of Macedonia, Republic of Cyprus, Singapore, Yemen, Uganda
1997	101 + 17	Latvia, Republic of Moldova
1998	103 + 19	Senegal, United Arab Emirates, CTBTO, WONUC
1999	103 + 19	—
2000	103 + 19	—
2001	103 + 19	—
2002	108 + 19	Republic of Tajikistan, El Salvador, Niger, Azerbaijan, Georgia
2003	110 + 19	United Rep. of Tanzania, Mauritius
2004	111 + 19	Botswana
2005	114 + 22	Haiti, Kyrgyz Republic, Burkina Faso + MERRCAC, WNA, WNU
2006	117 + 23	Central African Republic, Namibia and Luxembourg, + ABACC

### A.4. INIS Correspondence Sent to INIS Liaison Officers in 2006/2007

No.	Date	INIS Technical Notes
183	2006-03-14	2005 INIS Products Usage Statistics
184	2006-11-24	Update of the List of Journals Regularly Scanned & Key Journals for 2007
185	2006-11-30	New Guidelines for Submission of Non-Conventional Literature (NCL) full text to INIS
186	2007-02-28	2006 INIS Products Usage Statistics
<b>INIS Information Letters</b>		
232	2006-01-03	INIS WinFIBRE Version 3.0.3 with updated Authority Files, November 2005
233	2006-01-23	INIS List of Journals Regularly Scanned and Key Journals for 2006
234	2006-03-08	Promotion of INIS at Relevant Meetings
235	2006-03-27	INIS Production Statistics 2005
236	2006-05-25	INIS Training Seminar 2005 - Presentations and Background Materials
237	2006-05-29	Information on the 33rd Consultative Meeting of the INIS Liaison Officers, Vienna – 30 October to 1 November 2006
238	2006-06-20	Meeting Report of the Consultancy Meeting on “Strategic Input to INIS”
239	2006-10-05	New Web Site for the INIS and Nuclear Knowledge Management Section
240	2006-11-07	Closing of Volume 37
241	2007-01-08	Professional Vacancy in INIS & NKM Section

242	2007-02-14	INIS WinFIBRE Version 3.0.4 with updated Authority Files, January 2007
243	2007-02-15	INIS List of Journals Regularly Scanned and Key Journals for 2007
244	2007-02-23	INIS Production Statistics 2006

### A.5. Revision of the Reference Series Documents

The IAEA's listing of the INIS Reference Series, both in print and on their INIS Web site, only show current manuals, i.e. outdated or superseded manuals have been removed.

Series No	Date	Subject
IAEA-INIS-11 (Rev.31)	Mar 2005 (electronic); Apr 2005 (print)	INIS: Authority List for Journal Titles
IAEA-INIS-11 (Rev.32)	Mar 2006 (electronic & print)	INIS: Authority List for Journal Titles
IAEA-INIS-11 (Rev.31) Supplements	2005 quarterly	INIS: Authority List for Journal Titles
IAEA-INIS-11 (Rev.32) Suppl.no.1&2	2006 quarterly	INIS: Authority List for Journal Titles
IAEA-ETDE/INIS-1 Supplements	monthly	Joint ETDE/INIS Thesaurus - Supplements
IAEA-ETDE/INIS-1 (Rev. 2)	October 2006	Joint ETDE/INIS Thesaurus

### A.6. Statistics on Input

Figure 1 Input to the INIS Database by Country of Origin, Vol. 37 (2006) — Total No. of Records 122,412

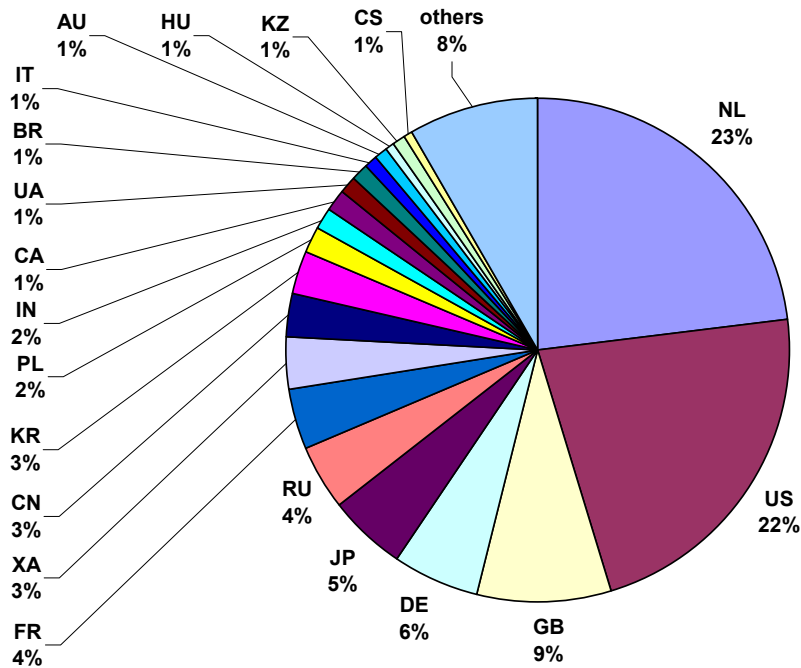


Figure 2 Input to the INIS Database by Country of Input, Vol. 37 (2006) — Total No. of Records 122,412

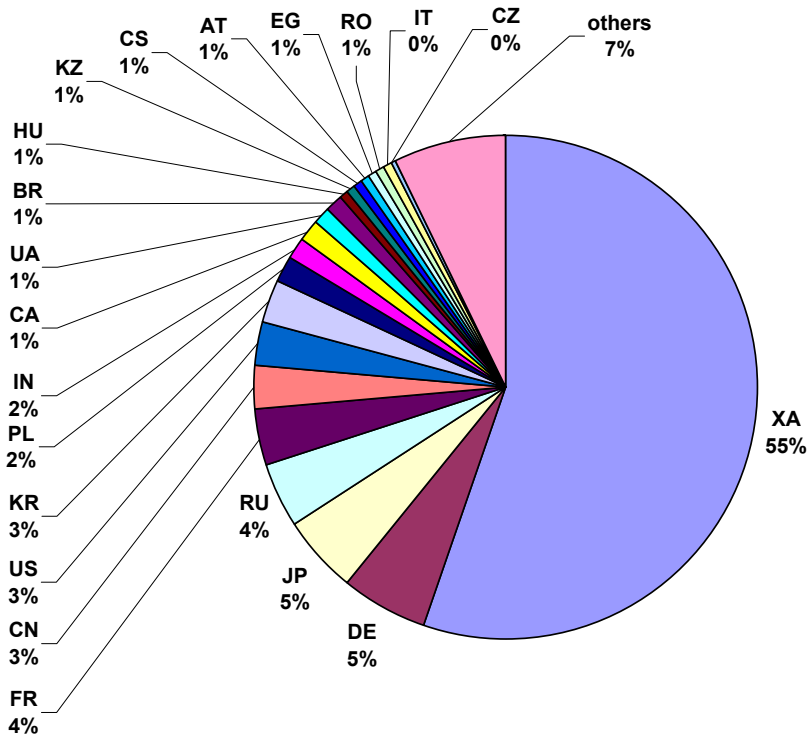


Figure 3a Input to the INIS Database by Country of Input, Vol. 35 (2004)–37 (2006)

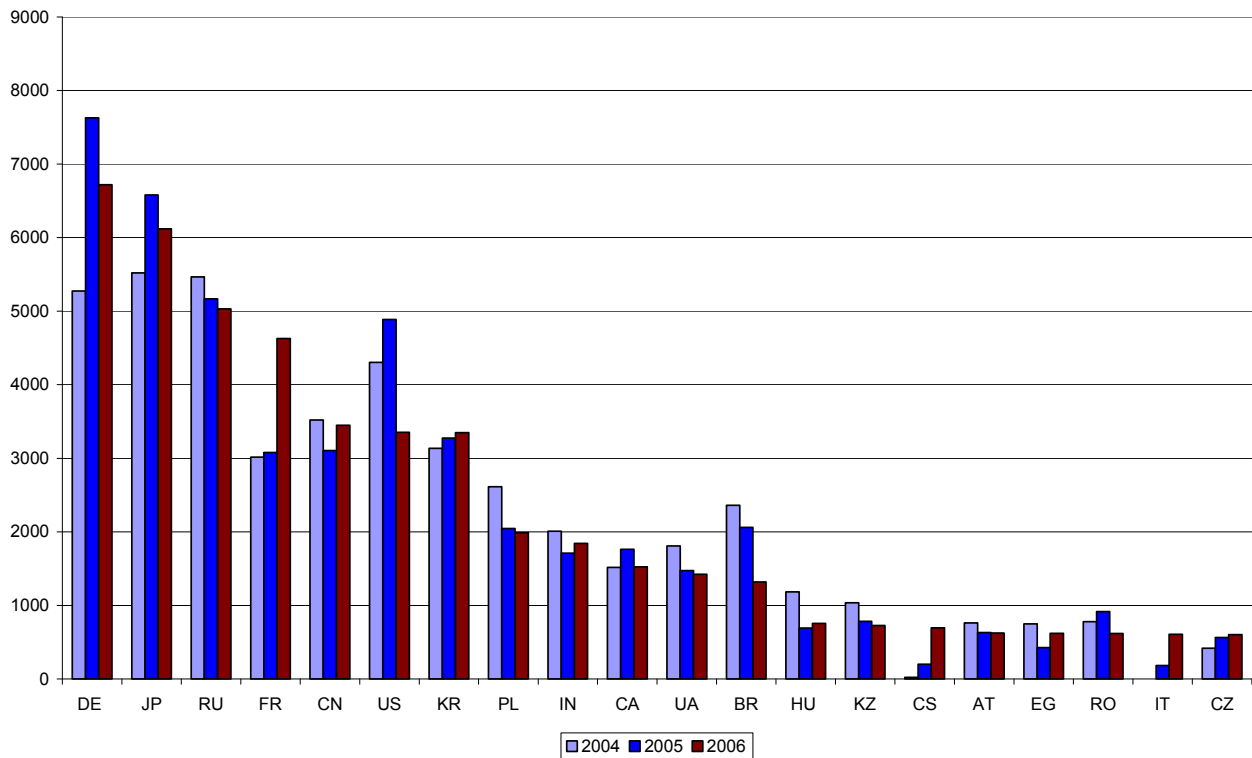




Figure 3b Input to the INIS Database National vs. Voluntary, Vol. 31 (2000)–37 (2006)

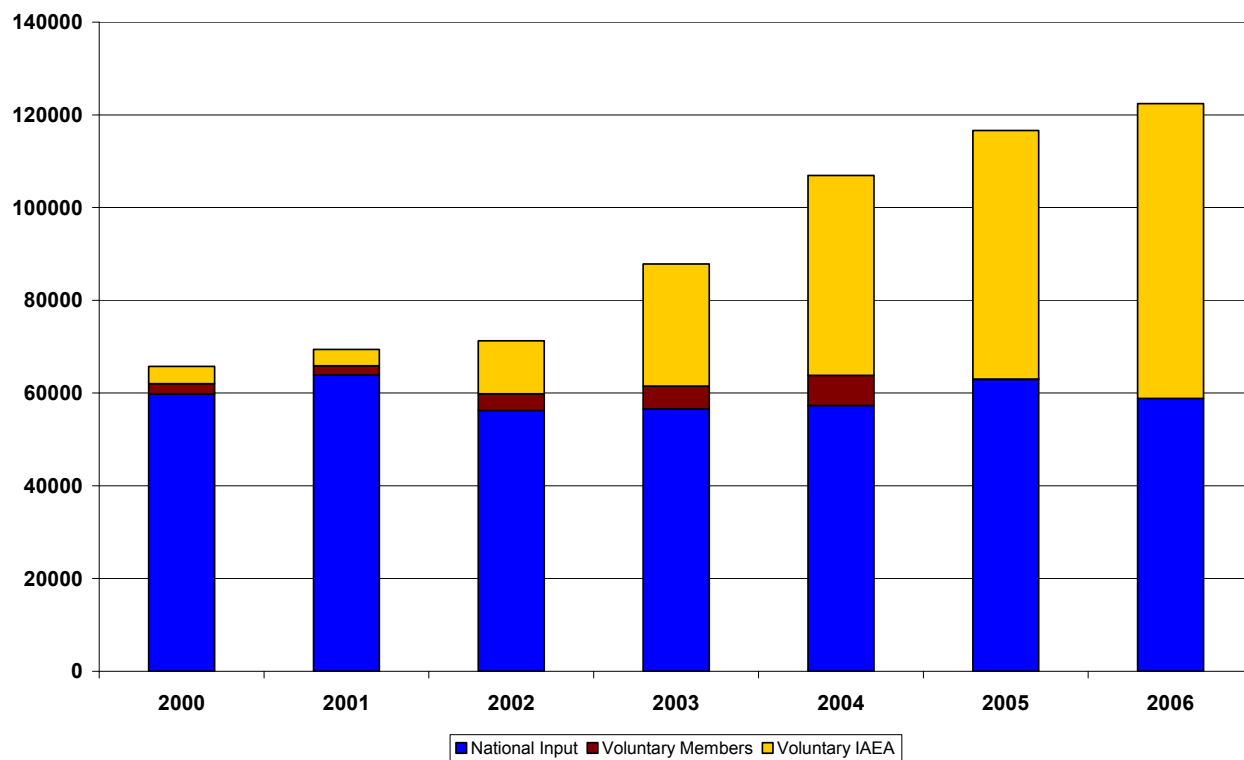


Figure 4 Input to the INIS Database, Conventional and Non-conventional Literature, Vol. 13(1982)–37 (2006)

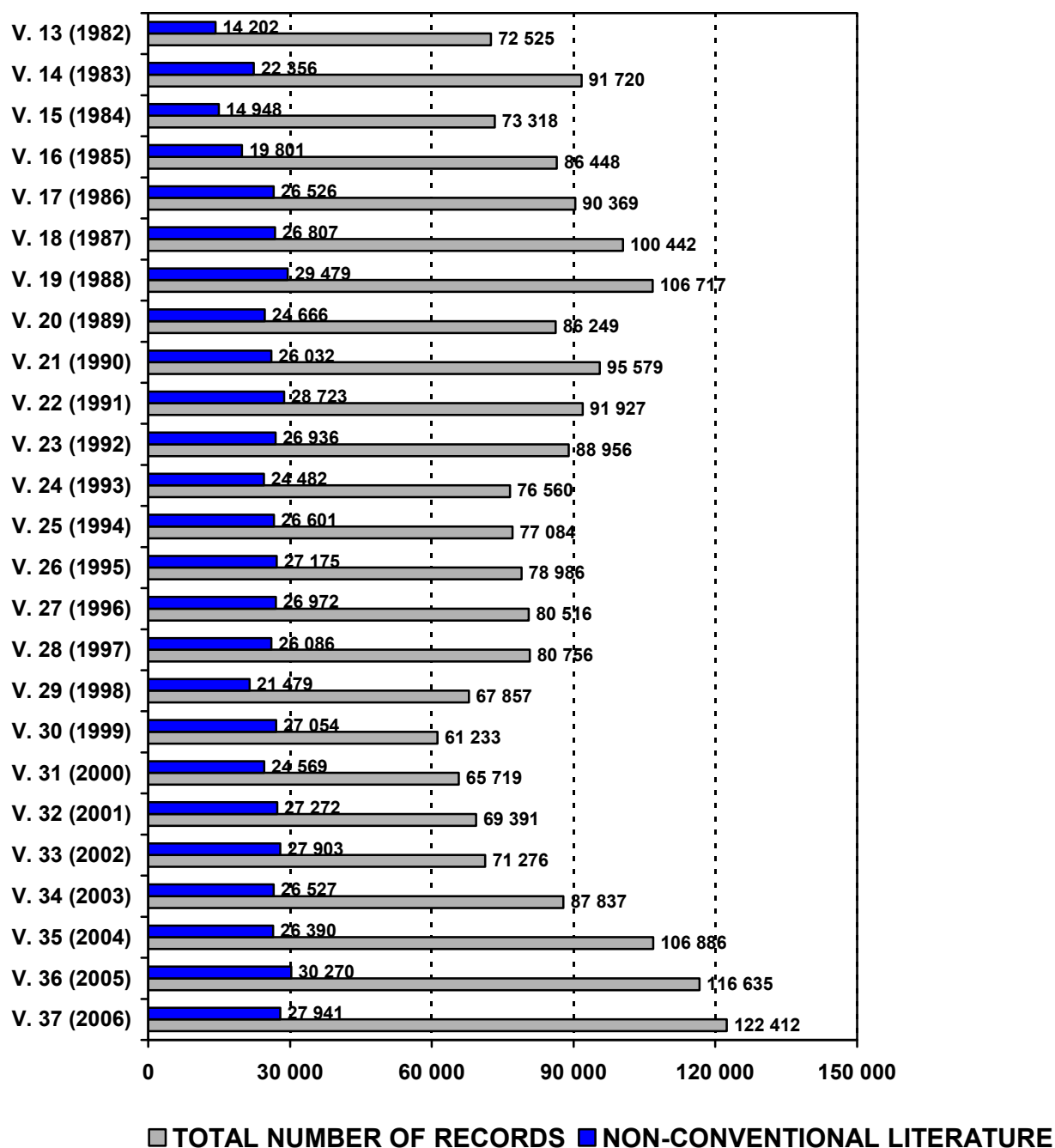


Figure 5 Input to the INIS Database by Literature Type, Vol. 37 (2006) — Total No. of Records 122,412

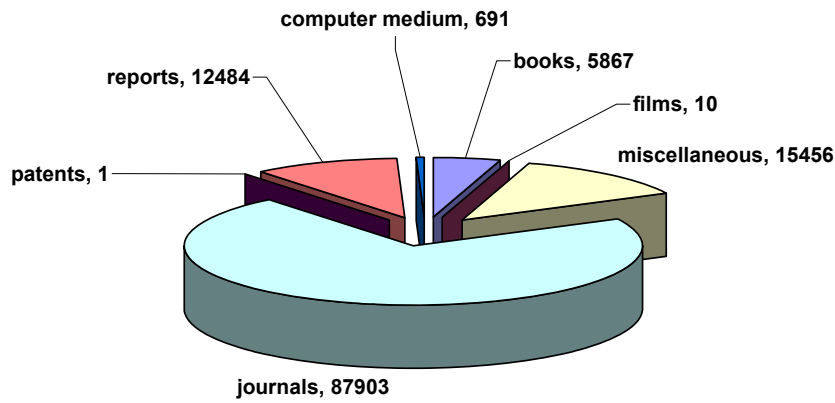
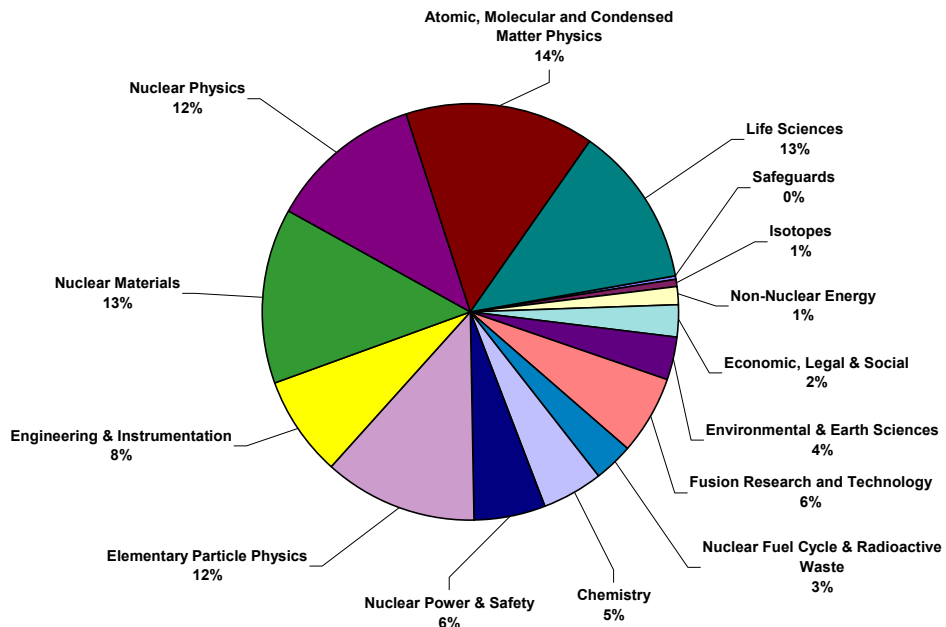
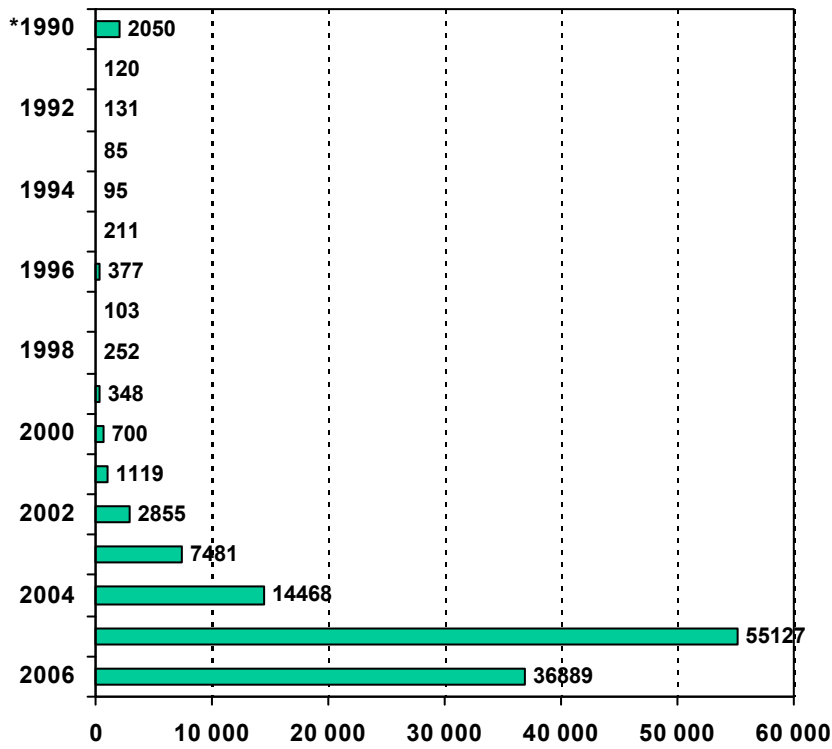


Figure 6 Input to the INIS Database by Subject Area, Vol. 37 (2006) — Total No. of Records 122,412



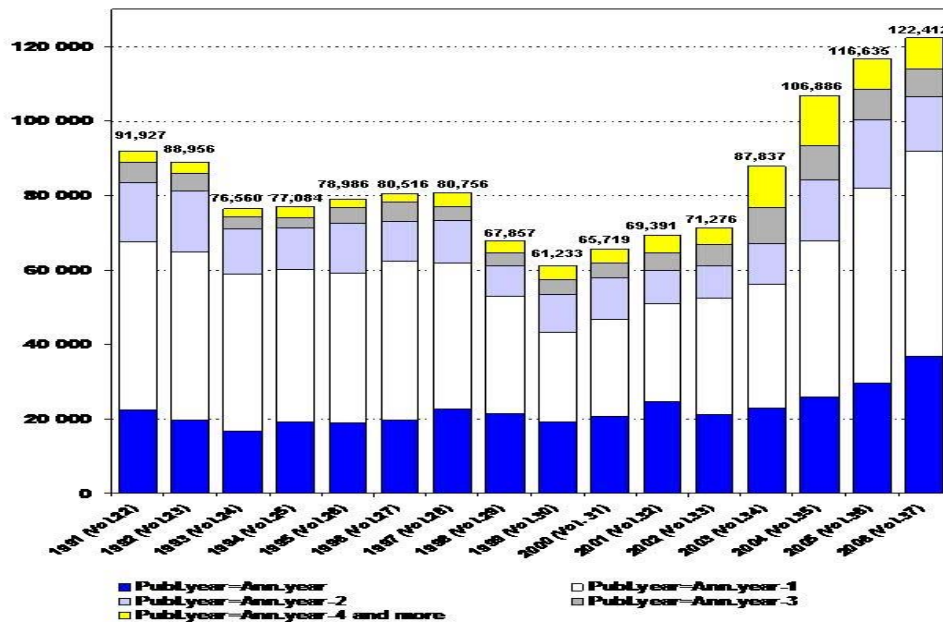
Nuclear Power & Safety (S21, S22); Elementary Particle Physics (S72); Engineering & Instrumentation (S42, S43, S46, S47); Nuclear Materials (S36); Nuclear Physics (S71, S73); Atomic, Molecular & Condensed Matter Physics (S74, S75); Life & Sciences (S60-S63); Safeguards (S98); Isotopes (S07); Non-Nuclear Energy (S01-S04, S08-S10, S13-S17, S20, S24-S25, S30); Economic, Legal & Social (S29, S99); Environmental & Earth Sciences (S54, S58); Fusion Research & Technology (S70); Nuclear Fuel Cycle & Radioactive Waste (S11, S12); Chemistry (S37, S38)

Figure 7 Input to the INIS Database in 2006 by Year of Publication, Vol. 37 (2006) — Total No. of Records 122,412



\* 2050 records were entered with publication year 1969 – 1990

Figure 8 INIS Database Timeliness — Year of Publication in Each Announcement Year, Vol. 22 (1991)–37 (2006)



## B. 2006 Financial Performance Report and 2007 Financial Plan

	2006 (€)	2007 (€)
<b>Staff Costs</b>		
Salaries – Established posts – P	895 544.74	874 473.50
Temporary Assistance – P/MT	19 764.16	54 487.85
Temporary Assistance – P/ST	83 564.68	28 989.91
Salaries – Established Posts – GS, M&O	646 288.08	686 300.00
Temporary Assistance – GS/MT	20 278.02	40 000.00
Temporary Assistance – GS/ST	41 691.64	0
Common Staff Costs	737 591.26	693 866.86
Overtime	0	0
Sub-Total, Staff Costs	<b>2 444 722.58</b>	<b>2 378 118.12</b>
<b>Travel Costs</b>		
Travel – Staff	14 351.91	39 157.73
Travel – Non-staff	66 788.44	22 958.37
Sub-Total, Travel Costs	<b>81 140.35</b>	<b>62 116.10</b>
<b>Other Direct Costs</b>		
Interpretation Services	20 976.00	0.00
Representation and Hospitality	1 786.75	2 850.81
Training	720.00	20 319.17
Equipment, Leased or Rented	0	0
Equipment: Purchased	0	36 479.30
Supplies and Materials	39 319.39	50 560.41
General Operating Expenses	93 583.33	44 485.24
Contracts	317 194.93	173 624.40
Research and Technical Contracts	0	5 600.00
Miscellaneous	0	8 305.33
Sub-Total, Other Direct Costs	<b>473 580.40</b>	<b>342 224.66</b>
<b>Shared Costs</b>		
Translation Services	11 655.34	12 237.10
Printing and Publishing Services	92 603.54	47 916.27
Data Processing Application Services	48 246.13	49 081.17
Sub-Total, Shared Costs	<b>152 505.01</b>	<b>109 234.54</b>
<b>Total</b>	<b>3 151 948.34</b>	<b>2 891 693.42</b>

## C. INIS & NKM SECTION— Staffing as of March 2007

The new structure of the INIS & Nuclear Knowledge Management Section was approved in April 2006. The change was made in order to harmonize the organizational structure with the programme structure under which INIS and nuclear management activities are carried out. The new structure is the following:

**INIS & Nuclear Knowledge Management Section:** Mr R Workman, Section Head

Ms LM Dueñas, Programme Officer; Ms M Fronda, Senior Secretary

Ms E Dyck, Information Officer (TA)

**Systems Development and Support Group:** S. Magliulo, Group Leader

Mr F Alcalá-Soler, SA/Programmer; Mr D Pistillo IT Systems Engineer;

Mr L Iliev, Applications Programmer; Mr J Riemer, Applications Programmer (TA)

**Capacity Building and Liaison Group:** Ms T. Atieh, Group Leader

Mr I Kodeli, Computer Programmer; Ms G Zamirovskaia, Clerk;

Ms R Kunz, Knowledge Management Clerk;

Ms. E Aldover, Clerk

**INIS Unit:** Mr A. Tolstenkov, Unit Head,

Ms F Wong, Clerk

**Content Management Group:** Mr A Nevyjel, Group Leader

Ms N Rashkova, Nuclear Technology Specialist; Ms C Krieger-Levine, Chemist;

Mr B Negeri, Life Scientist; Mr A Avezov, Nuclear Physicist;

Ms K Epperson, Database Production Assistant;

Ms N Jaramillo, Ms B. Bernhuber, Database Production Clerks;  
Ms R Shroff Senior Doc Clerk

***Database Production and Imaging Group:*** Ms S Rieder, Group Leader

Ms R Eder, Database Production Assistant;  
Ms N Dreihann-Holenia, Ms B Jonas, Database Production Clerks;  
Mr G St-Pierre, IT Systems Technician;  
Mr Y Reynaud Pulido, OCR Systems Technician;  
Mr M Wolodimiroff, Senior Imaging Technician;  
Mr B Krznicaric, Mr T Kalapurackal, Imaging Technicians

**Nuclear Knowledge Management Unit:** Mr Y. Yanev, Unit Head

Mr N Pereppadan, Clerk

***Knowledge Preservation & Networking Group:*** Mr A. Kosilov, Group Leader

Ms K. Hanamitsu, Knowledge Management Specialist;  
Mr P Gowin, Knowledge Management Specialist;  
Ms E. Marinova, Information Management Clerk;

***Knowledge Maintenance Group:*** Ms M.L. Ruysen, Group Leader

Mr R. Anghelache, Knowledge Management Specialist;  
Mr Z. Stanik, Knowledge Management Specialist (SSA);  
Mr I Kitaev, Knowledge Management Specialist, CFE-Russian Fed.;  
Ms D Pertot-Sinozic, Information Management Assistant  
Mr N. Kochappan, Knowledge Management Clerk

## D. INIS Input

### D.1. Volume of Input (National Literature only)

The total number of records announced in the INIS Database volume 37 (2006) was 122 412. A total of 87 Members sent national input for volume 37 (2006). INIS Liaison Officers from 46 countries were contacted in 2006 and encouraged to increase their national input contribution. As a result of this activity, 10 countries raised the level of their input. Unfortunately, the following Members provided no national input for the calendar year 2006:

**Table 1 No National/In-house Input in 2004-2006**

Member States			International Organisations		
2004	2005	2006	2004	2005	2006
Algeria	Algeria	Albania	AAEA	AAEA	AAEA
Albania	Albania	Algeria	CERN	CERN	ABACC***
Bolivia	Armenia	Bolivia	CTBTO	CTBTO	CERN
Botswana*	Bolivia	Botswana	ICRP	ICRP	FAO
Cameroon	Botswana	Burkina Faso	ICSTI	ICSTI	ICRP
Congo	Burkina Faso**	Cameroon	OAU	MERRCAC**	ICSTI
Cyprus	Cameroon	Central African Republic***	OPEC	OAU	IIASA
Ecuador	Congo	Congo	UNIDO	OPEC	MERRAC
El Salvador	Cyprus	Cyprus	WEC	UNIDO	OAU
Ethiopia	Ecuador	El Salvador	WHO	WEC	OECD
Georgia	El Salvador	Ethiopia	WMO	WMO	OPEC
Greece	Ethiopia	Georgia	WONUC	WONUC	WEC
Iraq	Greece	Guatemala			WMO
Kuwait	Guatemala	Haiti			WNA***
Libya	Haiti**	Iraq			WNU***
Madagascar	Israel	Ireland			WONUC
Mali	Iraq	Libya			UNIDO
Mauritius	Kuwait	Kuwait			
Mongolia	Kyrgyzstan	Kyrgyzstan			
Morocco	Libya	Madagascar			
Nicaragua	Madagascar	Mali			
Niger	Mali	Mauritius			
Panama	Mauritius	Moldova			
Qatar	Moldova	Mongolia			
Senegal	Mongolia	Morocco			
Singapore	Morocco	Myanmar			
South Africa	Nicaragua	Namibia***			
Tanzania	Niger	Nicaragua			
Tunisia	Nigeria	Niger			
Uganda	Panama	Nigeria			
United Arab Emirates	Paraguay	Panama			
Venezuela	Portugal	Portugal			
Yemen	Qatar	Qatar			
	Senegal	Senetal			
	Singapore	South Africa			
	South Africa	Venezuela			
	Tanzania	Uganda			
	Tunisia	United Arab Emirates			
	Uganda				
	United Arab Emirates				
	Venezuela				
	Yemen				
	Zambia				

\* Joined INIS in 2004

\*\* Joined INIS in 2005

\*\*\* Joined INIS in 2006

## D.2. INIS Non-conventional Literature

In 2006, a total of 27 919 non-conventional records were added to the INIS Database. Full-text of approx. 50%, ie. 14 610 was submitted to INIS for integration into the electronic NCL Database. A total of 47 NCL CDs were produced and distributed to designated Document Delivery Centres in INIS Member States. Over 75 % of the full-text documents were submitted in electronic form, primarily in PDF.

Digitization of the INIS NCL microfiche collection which started in 2002 progresses with an annual rate of approx. 1 million pages. To date, over 130 000 documents have been digitized corresponding to over 5,5 million pages. Completion of this huge project is expected within the next 3-5 years.

## D.3. IAEA Input

During 2006, the INIS Secretariat prepared 4095 items of input from publications of the IAEA and other UN organisations, representing 3,3 % of the total annual input. The Secretariat also prepared 63 592 items of input from electronic records as voluntary contribution. In total 67 687 records were prepared, representing 55,3 % of the total annual INIS input.

## D.4. Input with FIBRE

A new release of WinFIBRE, 3.04, was prepared which includes all updated authority files. The CD-ROM was distributed to all ILOs (as well as to selected ETDE users) together with the INIS Information Letter No. 242 dated 2007-02-14. A copy of the software and all authorities has also been placed on the INIS FTP server as a single 'winfibre.zip' compressed file. To access the directory, the following URL can be copied to the address bar of the Web browser: <ftp://inisout:atom1@ftp.iaea.org/fibre/windows/WinFIBRE30/>.

The size of the file is about 3.5 MB. This 32-bit application runs satisfactorily on the Windows XP platform.

As for updating the authority files only, a file named 'inis\_bct.dat' (in zip form) is placed on the ftp-server and updated every two weeks. The location is: [ftp://inisout:atom1@ftp.iaea.org/ftp/inis/out\\_products/fibre/](ftp://inisout:atom1@ftp.iaea.org/ftp/inis/out_products/fibre/)

## E. Input Processing Support

### E.1. Authorities

#### E.1.1. INIS Reference Series — Journal Titles

The INIS Journal Authority records were updated according to the information received from Liaison Officers. 'INIS List of Journals Regularly Scanned and Key Journals for 2007' was produced and sent to all INIS Centres in 15-02-2007 as an attachment to *INIS Information Letter N° 243*. The list and the information letter are available from the INIS Members area on the INIS Web site starting with: <http://www.iaea.org/programmes/inis/marea/restricted/restrictedpdf/2005/infoletter243.pdf>

The 32<sup>nd</sup> Revision of *IAEA-INIS-11: Authority List for Journal Titles* containing 13 231 titles was published in March 2006. The list consists of six parts, i.e. Part I: Key Journals by Country or International Organization Name; Part II: Alphabetical List of Key Journals; Part III: Regularly Scanned Journals by Country or International Organization Name; Part IV: Alphabetical List of Regularly Scanned Journals; Part V: Journal Titles by Country or International Organization Name; Part VI: Alphabetical List of Journal Titles, plus Appendix A: Statistics. All of these lists are also available as individual pdf files from the INIS Members area on the INIS Web site starting with the following link: <http://www.iaea.org/programmes/inis/marea/restricted/restrictedpdf/2006/INIS-11-pc.pdf>

#### E.1.2. ETDE/INIS Joint Reference Series — Joint Thesaurus

The updated Joint Thesaurus Part I and II was published in October 2006 as ETDE/INIS Joint Reference Series No. 1 (Rev. 2). Print preparations (PDF files) in Arabic, Chinese, French, German, Russian and Spanish were produced for monolingual versions of the thesaurus including the full thesaurus hierarchy, and multilingual dictionaries without thesaurus hierarchy, and an interactive multilingual thesaurus with navigation capabilities including the full thesaurus hierarchy in HTML was developed. These print preparations, together with the interactive multilingual thesaurus, are now available for INIS Member States on the INIS Members Area of the INIS and NKM website (<http://www.iaea.org/inisnkm>). IAEA-



ETDE/INIS-1 Supplements to the Thesaurus are published monthly on the INIS Members Area on the web.

## E.2. Database Quality Assurance

In order to assure the high quality of the common database, the INIS Secretariat, acting on behalf of its Members, carefully considers the major quality aspects of input with regard to completeness of coverage; timeliness; consistency; bibliographic description, and subject analysis, as well as verification of NCL full-text submitted to INIS.

### E.2.1. Completeness of Coverage

The gap in the coverage of core journals, identified for the period starting with 1999, is now fully covered. The acquisition and processing of electronic records from the Institute of Physics Publishing (IOPP), Elsevier Science and the American Institute of Physics (AIP) for current issues has now become routine. New agreements with the American Nuclear Society (ANS) and Springer have been implemented.

### E.2.2. Timeliness of Input

The following table gives an overview of the average time lag<sup>2</sup> (in months) for the total database input in the past five volumes by type of literature.

**Table 2 Average Time Lag for Database Input, 2000–2006**

Type of record	Vol.31 (2000)	Vol. 32 (2001)	Vol. 33 (2002)	Vol. 34 (2003)	Vol. 35 (2004)	Vol. 36 (2005)	Vol. 37 (2006)
<b>Journal</b>	11	13	13	19 (*)	19 (*)	13	12
<b>Book</b>	15	12	15	25	17	38 (**)	22
<b>Report</b>	14	15	20	20	37 (**)	45 (**)	60 (**)
<b>Miscellaneous</b>	17	17	20	16	15	16	28
<b>All records<sup>3</sup></b>	13	14	16	19	21	19	19

(\*) Backlog recovery from core journals

(\*\*) Knowledge preservation project (France)

### E.2.3. Consistency

The INIS Secretariat continues to perform automated checks of the indexing consistency of Members' input to identify records that require manual verification. In 2006, the indexing of 43 954 such records was reviewed and, when necessary, corrected by the subject specialists of the Content Management Group.

### E.2.4. Quality Check of Subject Analysis, Bibliographic Description and Electronic NCL

In 2006, the INIS Unit continued to provide assistance to those Centres who encountered difficulty in the preparation and submission of input records, as well as the associated full-text. A new e-mail address was created to provide direct support to staff in National Input Centres for NCL related issues:

[INISNCL@iaea.org](mailto:INISNCL@iaea.org)

<sup>2</sup> Time lag = date of inclusion in the database – publication date (in months).

<sup>3</sup> Includes 99% of total input.

## F. Output Products and Services

### F.1. INIS Database

#### F.1.1. INIS Database on the Internet

Efforts continued to be invested from the staff members at the INIS Secretariat to encourage ILOs and potential universities to benefit from the complimentary access to the INIS Database. As a result, at the end of 2006 a total of 323 Universities in 60 Member States were provided with access. In addition, 62 universities were contacted to finalize the license formality and the registration process.

At the end of February 2007, a total of 334 Universities from 61 countries were provided with access to the INIS DB on Internet

At the end of 2006 the total number of subscribers was 457 (438 in 2005) out of 121 Members. The total number of authorised IP users was 1 502 498 (1 259 829 in 2005), and there were 3485 (2906 in 2005) individual registrations. Staff members of the VIC organizations have free access to the Database without needing to register. During the course of 2006, there were 44 temporary free registrations issued for conferences and training events. The INIS Secretariat provided, upon request, usage statistics to ILOs and subscribers.

At the end of February 2007, the total number of subscribers was 468 out of 121 Members. The total number of authorised IP users was 1 568 326, with 3488 individual registrations.

Free access continued to be offered to the staff of the Permanent Missions of Member States to the IAEA. Permanent Missions of France and Russia were provided with such access in 2006. At the end of 2006, a total of 32 registrations were provided to 24 Permanent Missions.

In 2006, the INIS Secretariat conducted a comparative analysis of the INIS Database usage and subscriptions on the Internet at the IAEA host and on other hosts, for the last 10 years. The findings were presented at the INIS Liaison Officers meeting.

**Table 3 INIS Database on the Internet: Free and Paid Subscriptions (as of the end of 2006)**

INIS Member	Paid Subscriptions	INIS centre licensed?	INIS Member	Paid Subscriptions	INIS centre licensed?
Albania			Norway	1 site	yes
Algeria		yes	Pakistan		yes
Argentina	1 site	yes	Panama		
Armenia		yes	Paraguay		yes
Australia	2 site	yes	Peru		yes
Austria		yes	Philippines		yes
Azerbaijan		yes	Poland		yes
Bangladesh		yes	Portugal		yes
Belarus		yes	Qatar		yes
Belgium		yes	Republic of Moldova		yes
Bolivia			Romania		yes
Botswana		yes	Russia		yes
Brazil		yes	Saudi Arabia		yes
Bulgaria	1 site	yes	Senegal		yes
Burkina Faso		yes	Serbia		yes
Cameroon			Singapore		yes
Canada	1 site	yes	Slovakia		yes
Central African Rep			Slovenia		yes
Chile		yes	South Africa		yes
China		yes	Spain		yes
Colombia		yes	Sri Lanka		yes
Costa Rica		yes	Sudan		yes
Croatia		yes	Sweden		yes
Cuba		yes	Switzerland		yes
Cyprus		yes	Syrian Arab Rep		yes

INIS Member	Paid Subscriptions	INIS centre licensed?
Czech Republic	1 site	yes
Democratic Rep Congo		yes
Denmark		yes
Ecuador		yes
Egypt		yes
El Salvador		
Estonia		yes
Ethiopia		yes
Finland	1 site	yes
France	1 site	yes
Georgia		yes
Germany		yes
Ghana		yes
Greece		yes
Guatemala		yes
Haiti		
Hungary		yes
India		yes
Indonesia		yes
Iran		yes
Iraq		
Ireland		yes
Israel		yes
Italy		yes
Japan	1 single	yes
Jordan		
Kazakhstan		yes
Kenya		yes
Korea, Republic of	1 single	yes
Kuwait		yes
Kyrgyzstan		yes
Latvia		yes
Lebanon		yes
Libyan Arab Jamahiriya		yes
Lithuania		yes
Luxembourg		
Madagascar		
Malaysia		yes
Mali		yes
Mauritius		
Mexico		yes
Mongolia		yes
Morocco		yes
Myanmar		
Namibia		
Netherlands		yes
New Zealand		yes
Nicaragua		yes
Niger		yes
Nigeria		yes

INIS Member	Paid Subscriptions	INIS centre licensed?
Tajikistan, Rep. of		yes
Thailand		yes
The FYR Macedonia		yes
Tunisia		yes
Turkey		yes
Uganda		
Ukraine		yes
United Arab Emirates		yes
United Kingdom	2 single, 1 site	yes
United Rep. of Tanzania		yes
United States of America		yes
Uruguay		yes
Uzbekistan		yes
Venezuela		yes
Vietnam		yes
Yemen		yes
Zambia		yes
<b>Totals in Member States</b>	<b>4 single, 10 site</b>	<b>102 centres licensed</b>
AAEA (Tunisia)		yes
ABACC (Brazil)		
CERN (Switzerland)		yes
CTBTO (Austria)	n/a	"yes"
EC (Luxembourg)		yes
FAO (Italy)		yes
IAEA (Austria)	n/a	"yes"
ICRP (UK)		yes
ICTP (Italia)		yes
ICSTI (Russia)		yes
IIASA (Austria)		yes
ISO (Switzerland)		
JINR (Russia)		yes
MERRCAC (Egypt)		
OAU (Ethiopia)		
OECD/NEA (France)		yes
UNIDO (Austria)	n/a	"yes"
UNSCEAR (Austria)	n/a	"yes"
WEC (Austria)		
WHO (Switzerland)		yes
WMO (Switzerland)		yes
WNA (UK)		yes
WNU (UK)		yes
WONUC (France)		
<b>Totals in international organizations</b>	<b>0 single, 0 site</b>	<b>18 centres licensed</b>
<b>TOTALS IN INIS MEMBERS</b>	<b>14 subscriptions</b>	<b>120 centres licensed</b>

NOTES:

1. The INIS Members at the VIC (CTBTO, IAEA, UNIDO, UNSCEAR) are counted as "licensed".
  2. The TOTAL number of Authorized IP users: over 1,502,498.
  3. The TOTAL number of individual registrations - 3,485
- n/a = not applicable

**Table 4 INIS Database on the Internet: Usage statistics, 1 January – 31 December 2006**

INIS Member	Total number of requests
Argentina	5618
Armenia	10
Australia	1184
Austria	2178
Belgium	696
Brazil	24802
Bulgaria	1136
Canada	11065
Chile	600
China	108
Colombia	37
Costa Rica	375
Croatia	230
Cuba	39
Czech Republic	3315
Denmark	70
Ecuador	3
Egypt	13111
Estonia	119
European Commission	245
CERN	109
Finland	2031
FAO	9
France	10572
Georgia	81
Germany	235
Ghana	67
Greece	31
Hungary	88
India	2672
Indonesia	92
IAEA External*	7573
ICTP	460
ICRP	237
Iran, Islamic Republic of	399
Ireland	24
Israel	1073
Italy	200
Japan	9345
JINR	1336
Kazakhstan	20
Korea, Republic of	467
Latvia	251
Lebanon	72
Lithuania	304
Malaysia	525

INIS Member	Total number of requests
Mali	18
Mexico	341
Netherlands	107
New Zealand	100
Nicaragua	8
Norway	991
NEA	15
Pakistan	240
Paraguay	8
Permanent Missions to the IAEA	117
Peru	292
Poland	376
Portugal	47
Qatar	17
Romania	1587
Russian Federation	2763
Saudi Arabia	1313
Serbia	2564
Singapore	24
Slovakia	235
Slovenia	333
South Africa	1226
Spain	128
Sudan	124
Sweden	861
Switzerland	285
Syrian Arab Republic	1287
Thailand	19
TFYR Macedonia	247
Tunisia	85
Turkey	1584
Ukraine	23
United Kingdom	971
UN	55
UR Tanzania	158
USA	4567
Uruguay	406
Uzbekistan	3
Venezuela	6
Viet Nam	35
WNA & WNU	257
<b>External Users</b>	<b>127037</b>
<b>Internal Users</b>	<b>42573</b>
<b>Total Users</b>	<b>169610</b>

NOTE:

\* Includes INIS test and demo registrations provided for conferences and training seminars.

**Table 5 INIS Database on Internet: Complimentary Access for Universities and Academic Institutes (as of end-2006)**

	Country	Requests processed	Requests fulfilled		Country	Requests processed	Requests fulfilled
1	Argentina	16	16	37	Morocco	10	4
2	Armenia	1		38	Netherlands	18	5
3	Australia	13	13	39	Peru	2	
4	Austria	16	7	40	Philippines	2	2
5	Azerbaijan	2	1	41	Poland	19	14
6	Belarus	1	1	42	Portugal	1	1
7	Belgium	7	5	43	Qatar	1	1
8	Bulgaria	5	5	44	Romania	8	6
9	Canada	23	20	45	Russia	13	8
10	Chile	1	1	46	Saudi Arabia	2	
11	China	5	3	47	Serbia	2	2
12	Colombia	5	1	48	Slovakia	1	1
13	Croatia	12	9	49	Slovenia	10	7
14	Cuba	1	1	50	South Africa	4	3
15	Czech Republic	3	3	51	Sri Lanka	1	1
16	Ecuador	3	3	52	Sudan	2	
17	Egypt	7	3	53	Sweden	4	3
18	El Salvador	1		54	Switzerland	3	3
19	Estonia	3	3	55	Syrian Arab Rep	8	3
20	Finland	1	1	56	Tajikistan, Rep. of	2	
21	France	12	5	57	Thailand	6	3
22	Ghana	3	1	58	The FYR Macedonia	6	4
23	Hungary	7	4	59	Turkey	53	21
24	India	12	10	60	Ukraine	4	3
25	Indonesia	14	2	61	United Arab Emirates	1	
26	Iran	25	3	62	United Kingdom	7	7
27	Ireland	5	4	63	United Rep. of Tanzania	1	1
28	Israel	6	4	64	United States of America	19	16
29	Italy	9	3	65	Uruguay	4	2
30	Japan	57	54	66	Uzbekistan	4	3
31	Kazakhstan	5	1	67	Venezuela	1	1
32	Kenya	1		68	Vietnam	1	1
33	Lebanon	2	2	69	Zambia	2	
34	Lithuania	3	3				
35	Mauritius	2	2		<b>Totals in</b>		
36	Mexico	8	3		<b>Member States</b>	<b>519</b>	<b>323</b>
	Country	Requests processed	Requests fulfilled		Country	Requests processed	Requests fulfilled
1	Argentina	16	16	37	Morocco	10	4
2	Armenia	1		38	Netherlands	18	5
3	Australia	13	13	39	Peru	2	
4	Austria	16	7	40	Philippines	2	2
5	Azerbaijan	2	1	41	Poland	19	14
6	Belarus	1	1	42	Portugal	1	1
7	Belgium	7	5	43	Qatar	1	1
8	Bulgaria	5	5	44	Romania	8	6
9	Canada	23	20	45	Russia	13	8
10	Chile	1	1	46	Saudi Arabia	2	
11	China	5	3	47	Serbia	2	2
12	Colombia	5	1	48	Slovakia	1	1
13	Croatia	12	9	49	Slovenia	10	7
14	Cuba	1	1	50	South Africa	4	3
15	Czech Republic	3	3	51	Sri Lanka	1	1
16	Ecuador	3	3	52	Sudan	2	
17	Egypt	7	3	53	Sweden	4	3
18	El Salvador	1		54	Switzerland	3	3
19	Estonia	3	3	55	Syrian Arab Rep	8	3
20	Finland	1	1	56	Tajikistan, Rep. of	2	
21	France	12	5	57	Thailand	6	3
22	Ghana	3	1	58	The FYR Macedonia	6	4
23	Hungary	7	4	59	Turkey	53	21

24	India	12	10
25	Indonesia	14	2
26	Iran	25	3
27	Ireland	5	4
28	Israel	6	4
29	Italy	9	3
30	Japan	57	54
31	Kazakhstan	5	1
32	Kenya	1	
33	Lebanon	2	2
34	Lithuania	3	3
35	Mauritius	2	2
36	Mexico	8	3

60	Ukraine	4	3
61	United Arab Emirates	1	
62	United Kingdom	7	7
63	United Rep. of Tanzania	1	1
64	United States of America	19	16
65	Uruguay	4	2
66	Uzbekistan	4	3
67	Venezuela	1	1
68	Vietnam	1	1
69	Zambia	2	
<b>Totals in Member States</b>		<b>519</b>	<b>323</b>

### F.1.2. Retrospective enlargement of the INIS Database

Following the recommendation of the Thirty First Consultative Meeting of the INIS Liaison Officers, held in Vienna on 31 March-2 April 2003 under Agenda Item 5.6, the ILO's welcomed and supported the proposal to provide INIS users with access to the valuable information contained in the Nuclear Sciences Abstract (USA), and other national historical information systems; and urged the INIS Secretariat to provide hyperlinks to the NSA Database hosted by OSTI. Based on this recommendation, the INIS Secretariat contacted the ILO of the USA at OSTI and received an offer for the development and maintenance of a search interface/viewer for the Nuclear Science Abstracts (NSA) of the Energy Citations Database (ECD) for use by INIS users.

The work is now completed and currently the NSA Viewer contains over 829 000 items from the NSA printed volumes. Over 172 000 of these have digitized abstracts, and over 500 have had full-text scanned electronically. These numbers will evolve over time, depending on resources. The NSA viewer allows the user to search records from the NSA Database without having to search through the full ECD. A link to this Viewer is available through the INIS Database on Internet.

## F.2. INIS Database on CD-ROM

In 2006 the INIS Secretariat conducted a comparative analysis of INIS Database usage and subscriptions on the Internet, and for the INIS Database on CD-ROM for the last 10 years. The findings were presented at the INIS Liaison Officers meeting.

Total number of subscriptions in 2006 was 294 from 106 Members. At the end of 2006 there were 86 paid subscriptions from 24 INIS Member States.

### F.2.1. Free Subscriptions

At the end of 2006, 97 Member States and 7 International Organizations received two free subscriptions each, and 20 IAEA staff members received one copy of the INIS Database on CD-ROM. Additionally, 3 other external recipients receive one free copy through special arrangement. The INIS Secretariat issued 11 ERL Authorization Sheets for free subscribers to the INIS Database on CD-ROM.

The detailed statistics on the usage of the INIS Database on CD-ROM and NCL will be added later after receiving information from INIS National Centres.

Table 6. 2006 Statistics on the Usage of the INIS Database on CD-ROM and NCL

Country Name / International Organization	No. of search requests	No. of connections	Number of operational SDI queries	Number of NCL full-text supplied
Argentina <i>see Notes</i>	7088	2381	80	363

Country Name / International Organization	No. of search requests	No. of connections	Number of operational SDI queries	Number of NCL full-text supplied
<b>Austria</b> <i>see Notes</i>	N/U	N/U	N/U	-
<b>Belarus</b> <i>see Notes</i>	136	136	23	211
<b>Brazil</b> <i>see Notes</i>	-	250	-	887
<b>China, People's Rep.</b>	6700*	-	6*	800+
<b>Colombia</b>	140	500	48	20
<b>Costa Rica</b> <i>see Notes</i>	0	0	0	0
<b>Croatia</b>	184	-	80	104
<b>Cuba</b>	117	10	0	146
<b>Denmark</b>	N/U	N/U	N/U	N/U
<b>Estonia</b>	2	2	2	-
<b>El Salvador</b>	-	-	-	91+
<b>France</b> <i>see Notes</i>	15*	6210*	-	765
<b>Germany</b>	N/U	N/U	N/U	N/A
<b>Ghana</b> <i>see Notes</i>	53*	-	0	65
<b>Hungary</b>	0	28	0	0
<b>India</b> <i>see Notes</i>	2000	3000	5	850
<b>Iran</b> <i>see Notes</i>	3200	2800	5600	600
<b>Italy</b>	10	5	20	18
<b>Japan</b> <i>see Notes</i>	6208	1494 hours	N/A	N/A
<b>Korea, Republic of</b>	N/A	972	N/A-	N/A
<b>Mexico</b>	20	20	670	147
<b>Pakistan</b> <i>see Notes</i>	0	0	0	494
<b>Peru</b> <i>see Notes</i>	106	-	89	479
<b>Philippines</b>	12	-	18	68
<b>Poland</b>	10	30	1	6
<b>Romania</b> <i>see Notes</i>	300	300	1	249
<b>Saudi Arabia</b> <i>see Notes</i>	<b>1200</b>	8	200	1400
<b>Switzerland</b>	0	0	0	0
<b>Syria</b>	830	2400	-	287
<b>TFYR Macedonia</b>	15	-	-	3
<b>Ukraine</b> <i>see Notes</i>	228	36	-	12
<b>USA</b> <i>see Notes</i>	0	0	0	15+
<b>Uzbekistan</b> <i>see Notes</i>	545	-	-	117

**NOTES:**

- **Bold** figures are estimates provided by the INIS Liaison Officer
- N/A represents non-availability of statistics while the servers were provided to the users
- N/U represents country did not use the product
- - Represents no figure provided
- \* Figures do not include searches carried out by end users but represents the use of the INIS Centre only.
- \*\* Provided only on paper
- + Provided only electronically

- ARGENTINA:     ▪ ERL Ovid SilverPlatter server in our Intranet
- AUSTRIA:       ▪ Document Delivery Service derived from RRIAN requests
- INIS DB on CD-ROM not in use at ARCS.
- There was no request for INIS NCL
- INIS DB on Internet is used by ARCS.
- BELARUS:      ▪ INIS DB on CD-ROM is the most popular INIS output product in Belarus
- Conducted INIS Training Sessions for IAEA Regional Course
- BRAZIL:        ▪ Conventional and NCL, the document delivery supplied 3200 INIS Database documents.
- CHINA:         ▪ We selected articles from NCL with special theme such as nuclear power plant, nuclear fuel, radioactive waste management and provided them to users as electronic journals.
- COSTA RICA:    ▪ We use INIS DB on Internet. We established contacts with universities' professors and students and with Ministries as well as with hospitals
- CUBA:          ▪ Electronic Document Delivery from the DESTAQUE Bulletin; promoted the INIS products and services in the ExoInfo2006, along with INFO 2006 Congress in April, Havana
- FRANCE:        ▪ About 15 by INIS group, there are other information centres in other research centres of CEA, but no information about

- their activity is given.
- The CD-ROM is networked and most end-users perform their searches and manage SDI queries by themselves.
  - The CNRS', biggest research institution in France, usage of the networked DB on CD-ROM was to 89,687 connections and 150 339 searches in 2006.
  - Users serve themselves via INIS DB on Internet or ETDEWEB or GOOGLE, which links to lots of reports. No statistics are available about this usage.
  - Provided training sessions
- GHANA:
- Search requests include those handled by Library staff only. Most users preferred to do their own searches after they have been introduced to the Database.
  - Organised 2 INIS promotional seminars for:
    - Graduate students of the "School of Nuclear and Allied Sciences" as part of orientation programme for new students.
    - Research scientists, technicians and administrators of the Ghana Atomic Energy Commission and allied institutes
- INDIA:
- The SDI services were continued in 2006, though on a smaller scale was well appreciated by senior staff members and is being upgraded for better user friendly automation.
- IRAN:
- Provided on microfiche: 5943 pages – 138 titles
- JAPAN:
- We provide SDI service only with online in-house INIS Database
  - The number of full-text (INIS NCL) is not available, since we do not distinguish INIS NCL from other full text in our statistics
- PAKISTAN:
- Sometimes INIS DB on Internet is not accessible.
  - About 90 retrospective searches were provided from INIS Database. INIS Database and INIS activities were introduced in an international conference.
- PERU:
- We use the INIS Database through WebSPIRS Software in our Intranet LAN.
  - We disseminate with great success a monthly electronic bulletin with references and full-text extracted from the NCL CD-ROMs
- PHILIPPINES:
- Conducted INIS Database demo to trainees and gave services in searching in the INIS CD-ROM
- ROMANIA:
- About 1500 references
  - INIS processing services for France INIS Centre (395 items); INIS Demo training for national users (10 h) Distribution of IAEA CD-ROM to national users (4)
- SAUDI ARABIA:
- INIS Database on CD-ROM is highly useful and informative to the INIS users in the Kingdom of Saudi Arabia
  - Most of the users are from research institutes, universities/colleges and hospitals.
- SYRIA:
- Presented a paper in the ICTTA06 conference entitled "INIS National Center in Syria" Participated/Hosted the Regional Training Course, Damascus 26-30 November 2006 Gave lectures in using the INIS DB on CD-ROM and Internet for new AECS staff Contacted the Syrian Universities for INIS DB Internet Access
- UKRAINE:
- 10 full-text for scientific institutes and universities of Ukraine
  - 2 full-text of INIS NCL for ILO of Brazil
- USA:
- Additional downloads from US products of full-text available online. Also, we now more often download the full-text documents form the INIS Database online.
  - In calendar year 2006, RSS feeds, news box postings, and news page postings were initiated by OSTI related to INIS: "OSTI Supports the IAEA 50<sup>th</sup> Anniversary Celebration in Vienna", September 2006 and "OSTI Participates in INIS Liaison Officers Meeting in Vienna", November 2006.
- UZBEKISTAN:
- The most users are those which work at the Institute of Nuclear Physics. They retrieve information from INIS DB on CD-ROM via local network.
  - At the 6<sup>th</sup> International Conference "Modern Problems of Nuclear Physics" 2006, Tashkent, the presentation "IAEA and INIS Activities on Managing Nuclear Knowledge and Information" was given and INIS promotion materials were distributed among the Conference participants.

### F.2.2. Paid Subscriptions

At the end of 2006 there were 86 current paid subscriptions from 24 INIS Member States. The INIS Secretariat has issued 7 ERL Authorization Sheets for paid subscribers to the INIS Database on CD-ROM.

The procedure for the production and sale of the INIS Database on CD-ROM was introduced in January 1997, when the INIS Section started distributing the product from Vienna. The INIS Section received 101 responses to the INIS Technical Note 122 *Distribution and sale of the INIS Database on CD-ROM* from the INIS Liaison Officers indicating their options for the sale of the product.

**Table 7 Subscription Options**

<i>Option</i>	<i>Number of countries</i>	<i>Price</i>
<b>Option 1</b>	9	basic
	30	+ 15%
	1	+ more than 15%
	0	+ 25%
	1	+ 30%
	10	n/a*



Subtotal:	<b>51</b>	
<b>Option 2</b>	1	basic
	1	+ 15%
	5	+ 20%
	1	+ 30%
Subtotal:	<b>8</b>	
<b>Option 3</b>	<b>41</b>	basic
<b>No option**</b>	<b>2</b>	---
<b>TOTAL:</b>	<b>101</b>	

\* Information about prices is not available.

\*\* Two international organizations replied indicating that no sale is expected.

Notes:

**Option 1:** The ILOs decided to take responsibility for the distribution and sale of the product within their countries.

**Option 2:** The ILOs decided to delegate the responsibility for the distribution and sale of the product to a designated agent.

**Option 3:** The ILOs decided to delegate the responsibility for the distribution and sale of the product to the INIS Secretariat.

**Table 8 Paid subscriptions to the INIS Database on CD-ROM  
December 2006**

<b>Countries/Organizations</b>	<b>Number of subscriptions</b>
<b>Australia</b>	<b>3</b>
<b>Belgium</b>	<b>2</b>
<b>Canada</b>	<b>1</b>
<b>China</b>	<b>4</b>
<b>Czech Republic</b>	<b>6</b>
<b>Egypt</b>	<b>4</b>
<b>Finland</b>	<b>1</b>
<b>France</b>	<b>5</b>
<b>Germany</b>	<b>6</b>
<b>Hungary</b>	<b>1</b>
<b>India</b>	<b>7</b>
<b>Italy</b>	<b>1</b>
<b>Japan</b>	<b>11</b>
<b>Netherlands</b>	<b>1</b>
<b>Pakistan</b>	<b>3</b>
<b>Russian Federation</b>	<b>3</b>
<b>Slovak Republic</b>	<b>2</b>
<b>South Africa</b>	<b>2</b>
<b>Spain</b>	<b>2</b>
<b>Sweden</b>	<b>5</b>
<b>Switzerland</b>	<b>4</b>
<b>Ukraine</b>	<b>1</b>
<b>United Kingdom</b>	<b>6</b>
<b>United States</b>	<b>5</b>
<b>Total</b>	<b>86</b>

### **F.3. INIS Web Site and INIS Members' Area**

The INIS Website and the INIS Members' Area were maintained and regularly updated. Important updates included the following:

- Documents presentations and information related to 32<sup>nd</sup> ILO Meeting.

- Information on the INIS & NKM Section’s successful presentation at the 49<sup>th</sup> General Conference of the IAEA was added, including information related to an additional two events held by the Section during the GC, as well as photos of the events and the Section’s stand.
- Documents and presentations of the INIS Training Seminar 2005.
- Update of the INIS audio visual slide show..
- Design of a new image for the “INIS Members Area” and the extension of the menu for the website.
- Continued updates of the ILO’s and the AILO’s contact information.

The INIS Secretariat sends e-mail notification of any updates to the INIS Members’ Area.

In spring 2006, work started to develop a new website for the INIS and Nuclear Knowledge Management Section, which would merge the two existing sites of the INIS and the NKM Units. The web site was recently launched.

#### **F.4. INIS Atomindex files via the IAEA FTP Server and on CD-ROM**

The INIS Secretariat continued the in-house production of the INIS Output on CD-ROM distributed every two weeks. During 2006 15 INIS Liaison Officers were receiving this product.

**Table 9 INIS Atomindex on CD-ROM Distribution, 2002–2006**

<b>Year</b>	<b>No.</b>	<b>Members</b>
2002	17	Brazil, Canada, China, Czech Republic, Ecuador, France, India, Israel, Japan, Korea Rep. of, Morocco, Mongolia, Pakistan, Russia, Sweden, Syrian Arab Rep., The Former Yugoslav Rep. of Macedonia
2003	16	Brazil, China, Czech Republic, Ecuador, France, India, Israel, Japan, Korea Rep. of, Morocco, Mongolia, Pakistan, Russia, Sweden, Syrian Arab Rep., The Former Yugoslav Rep. of Macedonia
2004	16	Brazil, China, Czech Republic, Ecuador, France, India, Israel, Japan, Korea Rep. of, Morocco, Mongolia, Pakistan, Russia, Sweden, Syrian Arab Rep., The Former Yugoslav Rep. of Macedonia
2005	16	Brazil, China, Czech Republic, Ecuador, France, India, Israel, Japan, Korea Rep. of, Morocco, Mongolia, Pakistan, Russia, Sweden, Syrian Arab Rep., The Former Yugoslav Rep. of Macedonia
2006	15	Brazil, China, Ecuador, France, India, Israel, Japan, Korea Rep. of, Morocco, Mongolia, Pakistan, Qatar, Russia, Syrian Arab Rep., The Former Yugoslav Rep. of Macedonia

Table 10 (Part 1). External Members' Statistics on Usage of INIS Atomindex, 2006

External INIS Members [and Host]	Downloading frequency	Time span hosted or batch processing	Connect hours	References displayed online	References printed or downloaded	SDI Executions	NCL Full-text supplied
1	2	3	4	5	6	7	8
<b>Brazil</b>	bi-weekly	-	-	-	405266	15612	887
<b>Colombia</b> <i>see Notes</i>	Weekly	1990 to present	600	750	200	48	20
<b>Croatia</b>	bi-weekly		29	451	440	84	104
<b>France</b> <i>See Notes</i>	bi-weekly	1994 to present	N/A	N/A	N/A	N/A	765
<b>Germany</b>	bi-weekly	1970 to present	23.25	1245	2086	1204	3
<b>India</b>	-	1970 to present	-	-	-	60	850
<b>Iran</b>	Weekly	1970 to present	900	1000	900	5600	600
<b>Japan</b>	Weekly	1974 to present	300	101217	included in 5	831	N/A
<b>Korea, Republic of</b>	bi-weekly	-	N/A	N/A	N/A	1059	N/A
<b>Mexico</b>	bi-weekly	1975	15	10755	1364	670	147
<b>Romania</b> <i>see Notes</i>	Bi-weekly	1993 to present	90	1250	1250	-	249
<b>Saudi Arabia</b> <i>see Notes</i>	Weekly	1999 to present	-	-	More than 350	-	1400
<b>Switzerland</b>	0	0	0	0	0	0	0
<b>USA</b> <i>see Notes</i>	Weekly	1970 to present	N/A	N/A	N/A	N/A	15

**NOTES:** N/A statistics not available while the services were provided to the users.  
N/U represents country did not use the product

- COLOMBIA:     ▪ The use of CD-ROM is very low.
- COSTA RICA:   ▪ Por favor enviar a la Universidad de Costa Rica, Sistema de Bibliotecas Documentación e Información, Unidad de Referencia y Documentación, el CD del INIS Atomindex
- ESTONIA:       ▪ Used the IAEA-produced CD-ROM inside the organization.
- FRANCE:        ▪ We extract only the part of the literature which corresponds to the grey literature available as full-text in electronic form by the INIS Secretariat. This is added to our common library catalogue and we have no data of usage of the specific parts of this catalogue.
- JAPAN:         ▪ The number of full-texts INIS NCL is not available, since we do not distinguish INIS NCL from other full-text in our statistics.
- ROMANIA:       ▪ 4 CD-ROM for promotion of INIS Services
- SAUDI ARABIA   ▪ Found useful and highly informative to ease and expedite the delivery of INIS information.  
                  ▪ All updated information on CD-ROM are disseminated to the users in the Kingdom of Saudi Arabia
- USA:            ▪ The following are customer transactions for the databases containing INIS information. One can assume a portion of these totals would be retrieving INIS records. SRC 186,678; ETDEEB 431.2000. The EDEWEB totals reflect access by all eligible countries, not just the U.S. The 2006 Dialog statistics showed 6,126 units of access for all eligible countries.

**Table 10 (Part 2). from Germany: Online Usage Statistics for the INIS Database on STN International in 2006**

Country	Connect Hours	Online Displays	Offline Prints	SDI*
Australia	0.10	3	0	0
Belgium	0.03	0	0	0
Brazil	0.06	0	0	0
Canada	0.33	6	0	0
Denmark	0.10	5	0	0
Finland	0.21	5	0	0
France	10.39	732	0	50
Germany	23.25	1245	2086	1204
Japan	8.57	1041	0	0
Italy	0.10	0	0	0
Mexico	0.01	0	0	0
Netherlands	9.72	291	0	0
Norway	0.52	27	0	50
Spain	0.13	1	0	0
Sweden	0.80	2	140	50
United Kingdom	1.31	1171	0	50
Switzerland	0.15	0	0	0
<b>INIS Total</b>	<b>55.78</b>	<b>4529</b>	<b>2226</b>	<b>1404</b>

\* Number of SDI profiles in 2006:

profiles x 12 ...24 depending on updates  
Number of SDI prints included

## F.5. INIS Non-Conventional Literature

### F.5.1. Statistics

(total, available from INIS, processed, in electronic form, mf digitized, subscriptions, etc)

**Table 11 Non-Conventional Literature in INIS**

	All	Volume 37 (2006)
NCL	838,741	27,919
NCL available from INIS(microfiche and/or electronic)	605,217	14,610
NCL in electronic form available from INIS	273,512	14,610

### F.5.2. Ad-hoc orders

#### External distribution

**Table 12. INIS NCL Ad-hoc Orders — External Distribution**

Year	1998	1999	2000	2001	2002	2003	2004	2005	2006
Reports supplied	882	701	492	513	568	874	669	420	508

## In-house distribution

IAEA staff can access all NCL electronic documents directly from the INIS NCL Server and through the INIS Database on the Internet.

### F.5.3. Yearly subscriptions to INIS NCL on CD-ROM

Table 13 INIS NCL on CD-ROM — Subscriptions 1998–2006

Orders	1998	1999	2000	2001	2002	2003	2004	2005	2006
Free	31	42	44	49	53	56	57	60	60
Paid	11	11	7	8	8	8	7	7	7

INIS continued to provide the Physics Library of Vienna with one cost free set of NCL on CD-ROM.

### F.6. Topical subsets of INIS Information Resources and bibliometric studies (see also H.5)

Bibliometric studies have been carried out and topical CDs are prepared by the Content Management Group. Completed studies are published on CD-ROMs and can be found on the INIS *Annotated Web Directory*. CD-ROMs are also produced on particular topics and contain references and the full-text available from INIS.

Topical CDs for the following scientific meetings:

- International Conference on Area-Wide Control of Insect Pests: Integrating the Sterile Insect and Related Nuclear and Other Techniques, May 2005, Vienna, Austria
- IAEA General Conference Scientific Forum 2005 on the topic of Nuclear Medicine
- International Symposium on Trends in Radiopharmaceuticals, November 2005, Vienna, Austria
- International Conference on Management of Spent Fuel from Nuclear Power Reactors, June 2006, Vienna, Austria
- RRFM Conference: Research Reactor Fuel Management (full collection of RRFM Conference papers for 10 years), May 2006, Sofia, Bulgaria
- The Chernobyl Accident and its Consequences, (key materials, references, and full-text documents extracted from the INIS Database), August 2006. This DVD was developed in cooperation with INIS National Centres of Belarus, Russian Federation, Ukraine and the IAEA's Department of Nuclear Safety.

## G. Participation in Knowledge Management and other IAEA activities; Cooperation with Member States

### G.1. Digital Preservation

The Imaging Team of the INIS Database Production and Imaging Group has, in close cooperation with the French INIS National Centre, successfully completed digitization of the French historical CEA collection on microfiche. The special selection consisted of the CEA-Bib-, CEA-Conf-, CEA-N- and CEA-R-series. A total of 3235 reports with over 180 000 pages has been digitized, OCRed, converted to searchable PDF and optimized for Web access. The integration of the literature to the INIS Database and the INIS NCL full-text collection is ongoing.

The team also assisted the Brazilian INIS National Centre with a project on the Preservation of Knowledge of the Brazilian Nuclear Energy Commission (CNEN) to be presented at 50th anniversary of CNEN. A compilation of approx. 2000 reports of Brazilian authors was made from the INIS Database and publications

on microfiche were digitized and added to the Brazilian collection.

In addition to the ongoing digitization initiatives, eg. INDC collection, IAEA Bulletin, IAEA Gov/Inf, Gov/Atom, General Conference Statements, etc., four new digitization projects were started in cooperation with the INIS National Centre of the respective countries:

- a) Serbian Knowledge Base Establishment of RA Reactor Spent Fuel Storage/Management;
- b) internal reports of the Mexican 'Instituto Nacional de Investigaciones Nucleares (ININ)'
- c) AB Atomenergi (predecessor of Studsvik AB) reports reflecting the early days of nuclear power in Sweden;
- d) IAEA Library's Technical Reports Collection consisting of several ten thousand documents.

The ultimate goal is the integration of the literature to the INIS Database and provision of online access to the full-text of the material.

## **G.2. Synergy with the IAEA Library**

The Joint INIS/NKM & IAEA Library Working Group was established with focus on identification of duplication, synergies & streamlining and consolidation of human resources through Library/INIS cross sectional employment.

The group organised several training sessions for IAEA staff, adopted the INIS thesaurus as an authoritative source for subject description of nuclear science related literature in the Library catalogue and developed the prototype search interface across the INIS Database and the Library catalogue.

## **H. Promotion, Information and Other Services**

### **H.1. Promotion and Information**

During 2006, the INIS Secretariat undertook numerous promotional and outreach activities and produced promotional materials in support of these activities. The following main activities were undertaken:

- Supporting promotional activities of INIS Liaison Officers within their own countries;
- Producing and disseminating printed and electronic promotional materials.
- Producing INIS topical CDs which include subsets of the INIS Database and NCL
- Developing a new website for the INIS & NKM Section and an INIS Members Area.
- Participating in the exhibition during the 50<sup>th</sup> IAEA General Conference
- Organising an exhibition during the 33<sup>rd</sup> INIS Liaison Officers Meeting
- Promoting INIS during in-house and external IAEA Meetings

Two articles about INIS were published in the IAEA Bulletin and in the "Nuclear Knowledge Management" journal.

### **H.2. Supporting Promotion in INIS Member States**

The INIS Secretariat continued its activities to assist ILOs in their promotion of INIS within their countries and organisations. 26 requests for promotional material from ILOs in 21 Member States and one international organization were handled. These included:

Armenia, Austria, Bangladesh, Burkina Faso, Colombia, Croatia, Ecuador, Finland, France, Islamic Republic of Iran, Israel, Italy, Japan, Niger, Poland, South Africa, Sudan, Syria, United Republic of Tanzania, Turkey, and the World Nuclear University (WNU).

Also, during the Regional INIS Training Course, held in Damascus, Syria, at the end of November 2006, promotion and outreach for INIS, including several practical approaches, were discussed in detail with participants from Iraq, Jordan, Lebanon, Qatar, Saudi Arabia, Sudan, Syrian Arab Republic and Yemen.

### **H.3. Production of Promotional Materials**

A set of INIS promotional materials and objects was produced during the first quarter of 2006, featuring the same design as that developed for the 35<sup>th</sup> INIS anniversary in 2005. The products included different messages to draw attention to the INIS System and its benefits. Promotional objects included mouse pads, coasters, book marks and pads; INIS posters were produced in 3 sizes (A4, medium and large). Existing INIS promotional material, such as the flyers on the INIS Database, on the Internet, and on CD-ROM were reprinted in the course of the year.

Also, a new brochure “Nuclear Information and Knowledge”, including an overview of INIS and NKM was produced for the 50<sup>th</sup> GC. This brochure was also available at the 33<sup>rd</sup> ILOM meeting and sent to ILOs upon request.

In addition, two new displays were produced for the Section’s stand at the 50<sup>th</sup> IAEA General Conference exhibition and subsequently used for other in-house exhibitions.

A newsletter, entitled “Nuclear Information and Knowledge” was initiated at the beginning of the year reporting about recent activities and future plans for INIS and NKM. The first issue was published in April 2006. The second issue in September 2006 was prepared especially for the 50<sup>th</sup> General Conference and targeted to Member States. All issues of the newsletter are available in hard copy and electronically on the Section’s web site and the IAEA Publications web site.

### **H.4. Website**

Following a review of the Section’s promotional materials and feedback received from participants in the INIS Consultancy meeting (April 2006), a new website was developed ([www.iaea.org/inisnkm](http://www.iaea.org/inisnkm)), merging the two existing websites sites of the INIS ([www.iaea.org/inis](http://www.iaea.org/inis)) and the NKM ([www.iaea.org/km](http://www.iaea.org/km)) Units. The website was launched at the time of the 50<sup>th</sup> IAEA General Conference and presented at the 33<sup>rd</sup> ILO Meeting. The website is continuously maintained to provide up-to-date information. On the INIS part, Members contacts are regularly updated and new items added, in particular to the INIS Members Area.

### **H.5. INIS Topical CDs**

Five thematic CDs were produced, containing INIS records and NCL full-texts related to IAEA conferences and events. They were distributed to participants in the meetings specified below and made available at the 50<sup>th</sup> General Conference and the ILO Meeting. Multiple copies were also mailed to ILOs upon request.

- *International Conference on Management of Spent Fuel from Nuclear Power Reactors, IAEA, 19-22 June 2006*
- *Ten Years of International Topical Meetings on Research Reactor Fuel Management (RRFM) – Complete Collection of Papers Presented at the RRFM Meetings between 1997 and 2006 (10<sup>th</sup> Meeting held in Sofia, Bulgaria in May 2006)*
- *50<sup>th</sup> IAEA General Conference Special Event: New Framework for the Utilization of Nuclear Energy in the 21<sup>st</sup> Century: Assurances of Supply and Non-Proliferation, 19-21 September 2006, Vienna*
- *International Conference on Quality Assurance and New Techniques in Radiation Medicine, IAEA, 13-16 November 2006*
- *International Conference on Lessons Learned from Decommissioning of Nuclear Facilities and the Safe Termination of Nuclear Activities, 11-16 December 2006, Athens, Greece.*

### **H.6. Activities during 50th IAEA General Conference**

The INIS and NKM Section participated in an exhibition, as part of the Department of Nuclear Energy’s contribution to the 50<sup>th</sup> GC Exhibition. At the stand, printed information materials and a selection of the most recent topical CDs from the INIS Database were made available to about 250 delegates and participants from 60 Member States. The INIS Online Database was demonstrated to interested visitors. In an informal survey, many delegates provided useful and positive feedback on INIS.

A Briefing for delegates, focusing on partnerships and networks in Nuclear Information and Knowledge was held during the 50<sup>th</sup> GC. It included presentations on INIS, NKM and the International Library Network (INLN).

#### **H.7. Exhibition during the 33rd Consultative Meeting of INIS Liaison Officers**

For the first time, a small exhibition was organized during the ILO meeting. Several INIS Members (Argentina, Bangladesh, Brazil, Bulgaria, China, India, Macedonia and ICSTI participated actively by contributing posters and information leaflets on their INIS-related and other activities. In addition to an INIS & NKM information stand, the IAEA Library, the Publications Section, the Division of Information Technologies, and the IAEA Personnel Division and external exhibitor, Ovid Technologies, also took part in the exhibition. The event also provided an opportunity to solicit feedback from ILOs on INIS and its products and services.

#### **H.8. Promotion during In-house and External Meetings and Events**

At IAEA Headquarters, about 1500 information packages were provided to participants in 49 IAEA Conferences and Meetings in 2006. These included 6 major conferences including the 50<sup>th</sup> GC Special Event, and 43 smaller workshops and technical meetings.

In addition, INIS and NKM participated in two in-house exhibitions during two other conferences and disseminated related information material:

- *Symposium on International Safeguards: Addressing Verification Challenges, 16-20 October 2006, Vienna; and the*
- *Technical Meeting/Workshop on Issues for the Introduction of Nuclear Power, 4-6 December 2006, Vienna.*

**IAEA Meetings held in Member States:** Sets of promotional material were distributed to the participants in the following IAEA meetings held outside Vienna:

- *AFRA Regional Meeting, Bamako, Mali, 24-27 April 2006*
- *TC Meeting, Cuba, April 2006*
- *10<sup>th</sup> International Meeting on Research Reactor Fuel Management, Sofia, Bulgaria, 30 April – 3 May 2006*
- *Regional INIS Training Course, Damascus, Syria, 26-30 November 2006,*
- *International Conference on Lessons Learnt from Decommissioning Nuclear Facilities, Athens, Greece, 11-15 December 2006*
- *Several NKM meetings and staff members duty travels (e.. School on Nuclear Knowledge Management, Trieste, Italy, ANENT Conferences, and others).*

The INIS Database and NCL collection was also promoted at the following external meetings, and during duty travels of members of the INIS Secretariat:

- *AFRA Regional Meeting, Bamako, Mali, 24-27 April 2006*
- *EUSIDIC Meeting, Innsbruck, Austria, 10-11 April 2006*
- *INIS presentation at Osijek University, Croatia, April 2006*
- *Second European International Radiation Protection Association (IRPA) Congress, Paris, France, 15-19 May 2006*
- *2006 ICSTI Annual Meeting, Washington DC, USA, June 2006*
- *Meetings at ISO and CERN, Geneva, Switzerland, September 2006.*



- *Special Librarian Association Meeting in Baltimore, USA, 10-15 June 2006*
- *The Frankfurt Book Fair, Germany, 4-9 October 2006.*

### **H.9. INIS Electronic Information Exchange**

The INIS Secretariat continues to make available from the IAEA FTP Server the latest updates of the INIS Atomindex and all software related to INIS activities. Updates to the INIS Atomindex are loaded on a weekly basis, with a biweekly compilation of the last two issues. To access the root directory, the following URL can be copied to the address bar of the Web browser: <ftp://inisout:atom@ftp.iaea.org/>

INIS Liaison Officers who have requested to be notified are sent an e-mail to alert them of the availability of each new file.

INIS Liaison Officers can also transfer their input files directly to their subdirectory in the INIS input directory on the FTP server. The following URL of the root directory can be copied to the address bar of the Web browser: <ftp://inisinp:vienna@ftp.iaea.org/>

When they do so, they should also send an e-mail notification to the INIS Input Box, i.e. [INIS.Input@iaea.org](mailto:INIS.Input@iaea.org)

INIS Liaison Officers can contact the INIS NCL specialists via the new e-mail address [INISNCL@iaea.org](mailto:INISNCL@iaea.org) on issues concerning creation, submission and quality of NCL.

## **I. Partnerships**

### **I.1. OSTI**

Following the recommendation of the Thirty First Consultative Meeting of the INIS Liaison Officers, held in Vienna on 31 March–2 April 2003 under *Agenda Item 5.6, the ILO's welcomed and supported* the proposal to provide INIS users with access to the valuable information contained in the Nuclear Sciences Abstract (USA), and other national historical information systems; and *urged* the INIS Secretariat to provide hyperlinks to the NSA Database hosted by OSTI. Based on this recommendation, the INIS Secretariat contacted the ILO of the USA at OSTI and received an offer for the development and maintenance of a search interface/viewer for the Nuclear Science Abstracts (NSA) of the Energy Citations Database (ECD) for use by INIS users.

The work is now completed and currently the NSA Viewer contains over 829 000 items from the NSA printed volumes. Over 172 000 of these have digitized abstracts, and over 500 have had full text scanned electronically. These numbers will evolve over time, depending on resources. The NSA viewer allows the user to search records from the NSA Database without having to search through the full ECD. A link to this Viewer is available through the INIS Database on Internet.

### **I.2. OECD/NEA Data Bank's Computer Program Service to Non-OECD Members Through IAEA**

#### **Introduction**

As part of the co-operative arrangement between IAEA and OECD/NEA, the NEA provides its computer programs to IAEA Member States that are not Members of OECD. The liaison function between OECD/NEA, IAEA and Member States is vested in the INIS Secretariat.

The agreement takes the following forms: assisting new organisations to participate in the Computer Program Service; publicising OECD/NEA benchmarks, conferences and seminars to these and other organisations; nominating their scientists to attend and channelling the participation forms to OECD/NEA. Based at Issy-les-Moulineaux (France), the Computer Program Service serves scientific users authorised by Member States and belonging to over 500 organisations: national laboratories, universities, and safety authorities.

NEA Data Bank services are financed by contributions from the Data Bank's Member States, and no direct service charge is made to users.

In general 10-20 % of the total activity is due to the non-OECD countries.

## Acquisition of New Programs

26 new or updated computer packages out of a total of 105 were received from non-OECD Members in the year 2006. This is more than in 2005, when 15 out of 52 programs were received. The contributing countries are shown in Table 14, and the evolution in time on Figure 1.

<b>Contributor (non-OECD Member)</b>	<b>Number of programs</b>
Russian Federation	3
Slovenia	2
South Africa	1
IAEA	20
<b>Total</b>	<b>26</b>

**Table 14:** Non-OECD Members contributing Computer Programs in 2006

## Distribution

In all, 726 packages out of a total of 5577 were distributed to 32 non-OECD Member States and the IAEA. This is more than the figures for 2005 which was 594 packages out of 4048.

Table 15 shows the number of programs sent to each non-OECD Member State that placed requests in 2006. They were distributed according to the authorizations received from the originating countries.

<b>Requester (non-OECD Member)</b>	<b>Number of programs</b>
Algeria	6
Argentina	18
Brazil	62
Bulgaria	56
Chinese Taipei	1
Colombia	1
Costa Rica	2
Croatia	1
Cyprus	1
Egypt	1
Ghana	1
India	10
Indonesia	9
Iran Islamic Republic	1
Israel	27
Lithuania	1
Nigeria	2
Pakistan	3
Peru	1
Poland	85
Principality of Monaco	3
P.R. of China	9
Romania	6
Russian Federation	302
Serbia-Montenegro	2
Slovenia	9
South Africa	89
Tunisia	1

Ukraine	6
Venezuela	1
Viet Nam	1
IAEA	8
<b>Total</b>	<b>726</b>

**Table 15 Computer Programs dispatched to non-OECD Members in 2006**

The number of programs distributed originating from non-OECD members during 2006 was 210, representing a small decrease compared to the 262 programs distributed during 2005. Table 16 shows the details.

Figure 10 shows the evolution over time of program distribution.

<b>Originator (non-OECD Member)</b>	<b>Number of Programs</b>
Argentina	10
Brazil	2
Croatia	1
Ex East Germany	3
Iran	2
Israel	3
Myanmar (Burma)	2
Pakistan	4
P.R. of China	3
Romania	8
Russian Federation	63
Serbia-Montenegro	4
Slovenia	35
South Africa	2
Syria	3
Ukraine	1
IAEA	64
<b>Total</b>	<b>210</b>

**Table 16 Computer Programs originating in non-OECD Members distributed in 2006**

Program Acquisitions 1964-2006: Overall total is 5138

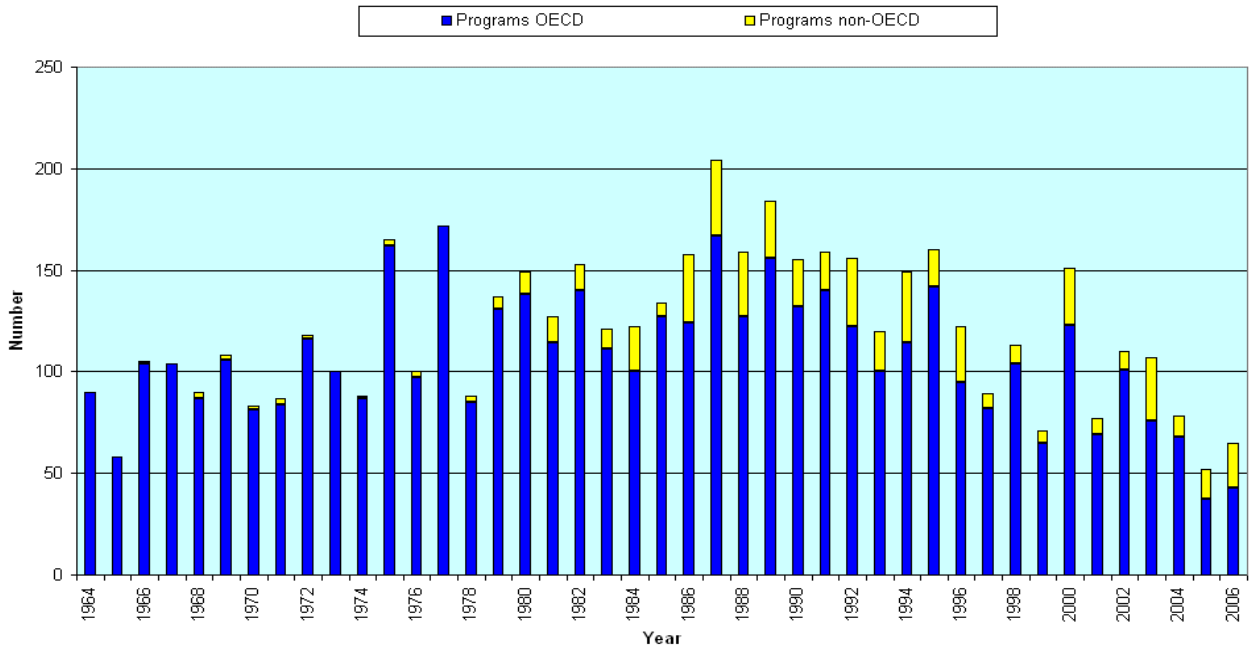


Figure 9 Evolution in time of program acquisition

Dispatches of Computer Codes 1964-2006 - total is 79293

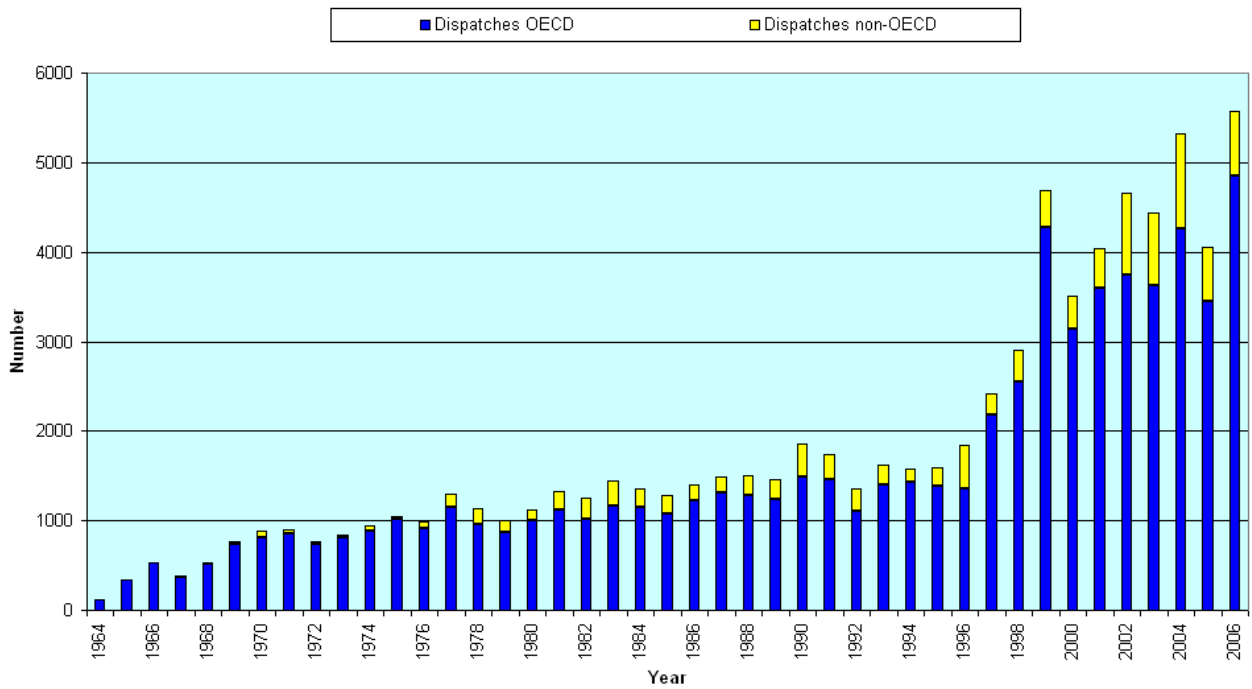


Figure 10 Evolution in time of program distribution

## J. Capacity Building: Technical Cooperation and Training

### J.1. IAEA Technical Co-operation Projects:

The INIS Secretariat continued to cooperate with the IAEA Department of Technical Co-operation to fulfil requests from INIS Member States.

2006 was very active with many joint activities between the INIS Secretariat and TC. This included regional and national courses, launching new TC projects and provision of support to several Member States in terms of equipment and human resources training.

Seven new TC project concepts were received. This is the first time the Section received such a high number of TC projects. These project proposals were reviewed and action plans prepared.

Three national TC projects to establish an INIS Centre in Tajikistan and Tanzania continued and one to “Upgrading the National Information and Documentation Centre of the Egyptian Atomic Energy Authority, Egypt” also continued. Activities included expert missions, evaluation and assignment of fellowships requests and ordering of equipment.

National Project	Project No.	Title	Status
Tajikistan	TAD/0/002	Establishment of INIS Centre	Completed
Egypt	EGY/0/017	Upgrading the National Information and Documentation Centre of the Egyptian Atomic Energy Authority	Ongoing
United Republic of Tanzania	UTR/0/004	Establishing an International Nuclear Information System Centre	Ongoing
Uzbekistan	UZB0003	Upgrading the National INIS Centre of Uzbekistan	Approved
Niger	NER0005	Establishment of the INIS (International Nuclear Information System) Centre in Niger	Approved
Kenya	KEN0009	Establishing an International Nuclear Information System Centre	Approved
Burkina Faso	BKF0004	Establishment of the National Nuclear Information Centre	Approved

### J.2 INIS & NKM Section at the Seventeenth TWGM OF AFRA, Bamako, Mali, 24-28 April 2006:

Following a thorough review of the African Agency's Members States in INIS related activities which has shown a very modest participation in INIS, and due to the importance of nuclear information and products and services provided through the Section to support their growing national nuclear programmes, it was decided to address this issue through the valuable co-operation with the Agency's Department of Technical Co-operation. The first step was for one representative from the INIS & NKM Section to participate at the African Regional Cooperative Agreement for Research, Development and Training Related to Nuclear Science and Technology (AFRA) meeting. The representative made a comprehensive presentation about the mandate, features, objectives and activities of INIS and invited AFRA Member States to take maximal advantages of the services offered to them through INIS. The presentation triggered an extensive discussion about the various facets of nuclear information and how AFRA Member States are organized to face effectively the many challenges posed by the lack of reliable data in the field of nuclear science and technology. The distribution of information brochures and CD's about INIS products and activities also helped the participants get additional insights into INIS scope. This presentation was followed by individual meetings with all participants to focus on specific national programmes.

One of the recommendations of the meeting was to organise a regional workshop on INIS.

Following this event, several positive indications from those participating Member States were noticeable. Two new countries joined INIS; additional input was sent to INIS; two national seminars conducted; and requests for training to staff at national INIS centres received, and new ILO's nominated.

### **J.3 Regional INIS Training Course 26-30 November 2006, Damascus, Syria**

The Atomic Energy Commission of Syria (AECS) hosted a Regional Training Course on INIS for 16 participants from eight Member States; Iraq, Lebanon, Jordan, Sudan, Yemen, Saudi Arabia, Qatar, and Syria. Participants were staff members of national INIS centres and universities with nuclear curricula. This INIS training course was the first to be conducted in the Arabic language.

The course provided hands-on training on all aspects of the INIS operation, input preparation, retrieving information from the INIS Database and other IAEA online resources including NUCLEUS, the portal to the IAEA's nuclear knowledge and information resources. Promotion and outreach for INIS was discussed in detail, including several practical approaches. Discussions also focused on the important role of the National INIS Centres in collecting and disseminating nuclear information within their countries and supporting national nuclear activities including nuclear knowledge preservation. A presentation on the International Nuclear Library Network (INLN) highlighted the advantages of joining this network.

In terms of future regional cooperation, a preliminary agreement on two main activities was reached: first, to prepare an Arabic version of the interface of the INIS online Database, and second, to translate the INIS help files into the Arabic language.

### **J.4 National INIS Seminar in Niger, 1-2 December 2006:**

In co-operation between the Ministère des Mines et de l'énergie (MME) and the IAEA, a two day National INIS Seminar took place in Niger. Twenty participants from the MME and different Institutes in the Agriculture, Mining, Geology and Medicine sectors, and universities attended the Seminar. The Seminar covered the following topics: INIS characteristics, its philosophy, products and main directions of development; the role of the national INIS Centres and benefits to INIS members; information retrieval from the INIS Database; all features and functionalities with several hands on training sessions; and the IAEA information portal.

The Seminar highlighted the benefits of active participation in INIS, and encouraged national contributions to INIS. Additionally, it paved the way for higher usage of INIS products and services to support the national nuclear activities.

## **J.2. Fellowships and Scientific Visits**

The Section continued to receive TC scientific visitors and to brief them on its products and activities.

<b>Date</b>	<b>Individual and Member State</b>
January 2006	Mr Souman, Niger
February 2006	Mr Donatien Sawadogo, ILO of Burkina Faso
March 2006	Mr. Ebenezer Kimaro, ILO of Tanzania

## **J.3. INIS Training Seminar 2005**

The INIS Training Seminar was conducted from 14–18 November 2005 in Vienna and participants from 28 national INIS Centres received training in all aspects of INIS operations and were also introduced to the Nuclear Knowledge Management principles.

Inline with our endeavour to share and to facilitate the transfer of information and knowledge provided during this Seminar to all other staff at the national INIS Centres that did not participate in this event, the INIS Secretariat prepared a CD-ROM containing all the Seminar presentations and other related background materials that were made available during the Seminar. The ILO's and the Seminar's participants were provided with this CD in early 2006.

#### **J.4. Distance Learning:**

The DLP is a valuable tool to ensure that staff at the national INIS Centres have easy access to the relevant information and knowledge on all aspects of INIS input preparation. The DLP contains two modules for input preparation; the “Subject Analysis Module” and the “Bibliographic Description Module”, and is made available to Member States on the web as well as on CD-ROM.

The INIS Secretariat conducted the “INIS DLP Survey” among the ILO’s and registered users. A questionnaire with 21 questions was prepared for an online survey. It was sent out to the ILO’s and registered DLP users. 61 responses from 47 countries were received with numerous suggestions and comments. The survey confirmed the need to maintain this program, and Member States requested that additional courses and enhancements be made available, as well as the need to introduce the courses in other UN official languages.

Based on this survey, the DLP was revised and updated both in content and format, including modifications, and comprehensive re-writing in the Bibliographic Description Course and the FAQs. Additionally, the DLP was redesigned and all course pages were prepared in line with the Agency’s visual identity. An open source distance learning system called ATutor was tested for possible use by the INIS Section.

During the second part of 2006 and due to staff shortages it was not possible to continue the maintenance of the DLP on the web. However, The INIS Secretariat continues to provide the DLP on CD.

#### **J.5. IAEA Staff Training**

Training sessions on the use of the INIS Database were provided to staff in the NE Department.

### **K. INIS Computer Support**

The Systems Development and Support Group has provided support to all production systems and ensured the continued operation of INIS & NKM. Modernization and enhancement of all systems is an ongoing process.

From the last meeting, a number of new products have been deployed for our staff, members, subscribers and partners. Among others:

- **INIS Online Database (<http://inisdb.iaea.org/>)**

Version 1.0 was released on 6 June 2005. The current version is 1.4 and was released on 19 September 2006.

This is a modified and more user-friendly version of the old INIS Online Database. It adds a multi-lingual interface (currently English, German, Japanese and Spanish), direct on-line access to full-text documents, full-text search, automatic notification of new records satisfying pre-selected criteria, and many other interesting new and enhanced features.

- **The INIS Online DB Discussion Forum (<http://inidesk.iaea.org/forum/?INISOnlineDB>)**

The INIS Online Database has been extended with a forum for the discussion of all matters related to its development and functionality.

- A number of new web sites which enable storage and the exchange of documents, mainly in support to meetings and virtual teams:

**Guidance-NKM, Developing Guidance Document for NKM in Government, Industry and Academia (<https://iniskp.iaea.org/gdnkm/>)**

**NKP, CRP on Comparative Analysis of Methods and Tools for Nuclear Knowledge Preservation (<https://iniskp.iaea.org/nkp/>)**

**SAGNE (Senior Advisory Group for Nuclear Energy), SAGNE Discussion Network (<https://iniskp.iaea.org/sagne/>)**



- **Informal Communication Network (<https://iniskp.iaea.org/llkp/>)**

The Informal Communication Network is a collaborative platform providing a fully integrated set of services including document management, virtual team collaboration, information retrieval, and business process automation. The Informal Communication Network facilitates the storage, sharing and management of critical information and processes for our teams and individuals from a single point of access.

- **HR Management (<https://iniskp.iaea.org/hrm/>)**

The Human Resource Management system is a web-based application which facilitates the tracking of staff contracts and production of management reports.

#### **Agenda Item 4.4 Multilingual support in INIS products**

1. **acknowledged** the co-ordinating work of the INIS Secretariat and **appreciated** the efforts of those INIS Members working on the translations of the Joint Thesaurus (in all UN languages plus German, as of Dec 2003), who also **agreed** to update their language versions to incorporate the Thesaurus updates of the year 2004;

*Action: The versions in French, German, Russian and Spanish have been updated by the INIS Centres of France, Germany, the Russian Federation and Spain during recent years. New versions in Chinese and Arabic were completed by the Chinese INIS Centre and the INIS Centre of the Syrian Arab Republic during the year 2005*

2. **endorsed** the planned production of a multilingual dictionary of the INIS Thesaurus, both in print and on CD-ROM;

*Action: The INIS Multilingual Thesaurus will be published on CD-ROM and distributed at the 33<sup>rd</sup> INIS Liaison Officers Meeting*

3. **supported** the development of localised (multilingual) interfaces and documentation for INIS products;

*Action: A new version of the INIS Database on the Internet has been implemented with a multi-lingual interface (English, German, Japanese and Spanish),*

#### **Agenda Item 4.5 INIS Database on CD-ROM**

4. **supported strongly** the continued production of INIS on CD ROM and the enhancements proposed, both in terms of user flexibility and usage but also in relation to the development of a complete enterprise solution for using INIS;

*Action: Work is in progress to renew the contract for the production of the INIS Database on CD-ROM taking into account the ILO requested enhancements*

#### **Agenda Item 5.2 The new Arrangements for the International Nuclear Information System**

5. **approved** in principle the proposal submitted for the new *Arrangements for the International Nuclear Information System* and **asked** the INIS Secretariat to take into consideration their comments, suggestions and amendments in the final review to be performed with the Office of Legal Affairs of the Agency prior to submission to the Board of Governors of the Agency;

*Action: The proposal of the new Arrangements for the International Nuclear Information System has been reviewed by the IAEA Legal Office.*