



**IAEA**

International Atomic Energy Agency

INIS SECRETARIAT

## **INIS PROGRESS AND ACTIVITY REPORT 2007**

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Vienna, Austria, 2008

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May 2008

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## Highlights of INIS Activities 2007

INIS continues to play a very important role in nuclear information management and preservation and remains the single source of nuclear information for some Member States. In 2007, Seychelles joined INIS, this brings the total number of INIS members to 141 (118 countries and 23 international organizations).

### INIS Database

With the successful completion of volume 38 of the INIS Bibliographic Database, a total of **117,447** records were added in 2007, which represents a decrease of **4.06%** compared to the last year's total of **122,412**. Nevertheless it is still the second best annual result ever achieved in the history of INIS. This has been achieved with the competent work of INIS team and also in cooperation with Member States. The total number of records in the INIS Database has reached **2,895,867**.

### INIS NCL Collection

In 2007, online access was provided to the full text of 30,018 NCL documents from the INIS Database. The electronic full-text of 16,145 NCL documents were processed and added to the INIS NCL collection. A total of 45 NCL CDs were produced and distributed to designated Document Delivery Centres in INIS Member States.

The INIS electronic NCL collection on CD-ROM contains now 392 CDs. At the end 2007 we had 9 new subscriptions and reached a total of 77 subscriptions (70 free and 7 paid). Within the Document Delivery Service, a total of 501 documents were provided to users out of which 150 were already available in electronic form, and 351 documents were scanned from microfiches.

### INIS Database on the Internet

Continued efforts were devoted to expanding access to universities. During 2007 we have provided additional 33 universities with access to the Database, which represents more than 10% increase over 2006. At the end of 2007 we reached a total of 356 universities in 64 Member States and provided them with complementary access to the INIS Database on internet. In addition, 52 Universities were contacted to finalize the license formality and the registration process. The total number of subscriptions are 514 (501 free and 13 paid).

The total number of authorized IP users was over 1,500,000, and there were a total of 3,446 individual registrations, with 82 new ones including registrations for free trials, training events, free and paid subscriptions. The INIS Secretariat provided, upon request, usage statistics to ILOs and subscribers in INIS Member States.

**The Syrian INIS centre** has completed the preparation of the Arabic version of the user interface of the Database. End users in the Arabic world will further enjoy searching and retrieving information from the INIS database. The Arabic interface will be added to the existing five interfaces, these are English, German, Japanese, Portuguese and Spanish.

### INIS Database on CD-ROM

The INIS Database continued to be made available on a monthly basis to subscribers. The product consisted of a set of 11 archival CD-ROMs covering the period 1970–2007, and one current CD-ROM. At the end of 2007 we had a total of 315 subscriptions in 109 INIS Members (242 free and 73 paid).

#### ***Enhancement of the INIS database on CD-ROM: Monthly update on FTP server:***

At the end of 2007, new enhancement was introduced to this product by making the monthly update immediately available to INIS Liaison Officers at the IAEA FTP server. This enhancement has been one of

major requirement of our subscribers, and the INIS Secretariat received many positive feedbacks from the ILO's.

Project on the several additional enhancements to the product was halted due to the development of the new INIS Data Processing System.

## **Partnerships**

### ***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.

It is planned to implement access to the NSA subset directly from the INIS-Library Federated Search System in 2008.

In 2007, joint activities in the area digital preservation between INIS and OSTI were resumed. INIS provided OSTI with the subset of digitised US NCL reports and the INIS Secretariat received the US electronic reports which can be publicly accessible through the INIS DB. The full digital collection of INIS NCL documents are being prepared to make it available through the ETDE Database.

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

The Agency continued its co-operative arrangement with the OECD/NEA Data Bank, and many IAEA Member States that are not OECD continued to benefit from these services. During 2007 366 packages were sent to the IAEA member countries, and 249 codes received from the IAEA member countries were dispatched, 25 new computer packages were received from IAEA member countries.

### ***International Centre of Scientific and Technical Information (ICSTI), Russia.***

The IAEA-ICSTI Joint Action Plan based on the Practical Agreement between IAEA and ICSTI, was extended in 2007, and some activities will be done in co-operation with the Joint Institute of Nuclear Research (Dubna). In 2007 ICTI provided the INIS Secretariat with access to the ICTI Environmental Database and translated the INIS & NKM News Letter No. 4 into Russian.

## **Capacity Building through Technical Cooperation**

In close co-operation with the IAEA Technical Co-operation Department, the year 2007 had seen a significant further increase in the support provided to INIS Member States in establishing and/or reactivating national INIS Centres.

Four new national projects were launched, for Burkina Faso, Kenya, Niger and Uzbekistan, while three ongoing TC projects support INIS Centres in Egypt, Tajikistan and United Republic of Tanzania and provision of assistance to Qatar to reactivate the National INIS Centre. These projects included the provision of equipment training and experts' assistance. The activities of the projects were highlighted at the main IAEA web site i.e. IAEA.org under "Top Stories".

During 2007, a total of 30 staff members from national INIS centres received on the job training in different aspects of INIS operation and nuclear information processing, input preparation, usage of INIS products, promotion and outreach. In addition to the training of 33 university students and other end users on the usage

of INIS database.

In a spirit of co-operation between INIS Members, fellows from these countries received training in some well-established INIS Centres, such as Belarus, France, India, South Africa and the Syrian Arab Republic.

- ***The national INIS centre of India:***  
Within the framework of the implementation of TC project “Establishing an International Nuclear Information System Centre (KEN0009)” the national INIS centre of India centre hosted four-weeks training, starting from 19 November 2007, for three fellows from the national INIS centre of Kenya, two fellows from Egypt and one from Tanzania.
- ***INIS Training Course in France from 15-26 October 2007:***  
The national INIS centre of France at the Commissariat à l’Energie Atomique (CEA) in Gif-sur-Yvette, France hosted a two-weeks training course for staff members from the national INIS centres of Burkina Faso and Niger. This training course covered all aspects of INIS operation, usage of products and input preparation.
- ***The INIS centre of Belarus hosted*** two fellows from the INIS centre of Uzbekistan.
- ***The national INIS centre of Syria*** hosted two fellows from the INIS centre of Libya and the INIS centre of Tajikistan.
- ***National Training Course on INIS in Ghana at the School of Nuclear and Allied Sciences-Ghana Atomic Energy Commission, Accra 17-18 December 2007:***  
The INIS Secretariat in close co-operation with the IAEA Department of Technical Cooperation (TC) and with Ghana Atomic Energy Commission organised this course. The objectives of this national course were to increase the benefits to be derived from INIS in Ghana and to increase the national participation. The course provided hands on training on the use of INIS products and services, and provided information on how INIS information recourses support nuclear research activities and education. Over 30 participants attended the course. These were; end users from Ghana Atomic Energy Commission, students from School of Nuclear and Allied Sciences, and other universities students and teaching staff, concerned staff and research scientists from the Ministry of Health and from relevant institutions where they have nuclear related applications, information specialists from all these institutes and staff member of the national INIS centre. The ILO of Ghana, Ms. E.A. Agyeman, lectured on the role of the INIS centre and the services provided by the national INIS centre of Ghana, while the ILO of South Africa, Ms. M.J.S. Scheepers trained the participants on the usage of the INIS database and lectured on INIS operation and its products and services.

For the 2009-2011 cycle nine new TC Project Concepts received and evaluated.

Additionally, meetings were organized with TC scientific visitors at IAEA Headquarters, who provided with information about INIS and its products and services. This included, giving presentations and conducting meetings to discuss members’ needs.

## **Marketing and Outreach**

During 2007, 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. At IAEA Headquarters, the INIS Secretariat established contacts with the scientific secretaries of in-house meetings and conferences and provided INIS promotional materials.

Promotional materials provided to five in-house conferences and meetings and sixteen external meetings, and seminars. Requests from fifteen ILO were fulfilled. Four articles were prepared and published in the IAEA Bulletin and in international journals. At the end of 2007, INIS activities were highlighted at the main IAEA web site i.e. IAEA.org under “Top Stories”.

**During the IAEA 51<sup>st</sup> General Conference the INIS & NKM Section arranged** to have its presence at this important event and had its Displays during the five days events. Additionally, the Section organized one hour Side Event Briefing on “Information and Knowledge Management Work in Member States”.

### ***INIS Joint Marketing Plan***

Following the recommendation of the 33<sup>rd</sup> ILO Meeting, the project of the development of a Joint Marketing Plan for INIS was initiated. This JMP will support INIS Members and the INIS Secretariat in the effective marketing and promotion of INIS products and services. Basic information was collected during ILOs survey. The special Working Group on the development of a Joint Marketing Plan was established and the JMP is under development. The INIS Informal Communication Network will be used for communication. The draft of the Joint Marketing Plan is being prepared by the end of May 2008.

### **INIS & NKM Web Site and INIS Member’s Area**

Both sites continued to be regularly maintained and updated.

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

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

### **Usage Analysis of the INIS Database on Internet:**

In response of the 33<sup>rd</sup> INIS Liaison Officers Meeting recommendations, the INIS Secretariat has initiated a special study of the usage of the INIS Database on the Internet. The objectives of this study are to get insights into visitors’ behaviour and acquire appropriate information and knowledge on how the Database has been used, which would allow us to introduce the necessary improvements to fulfil users’ needs and requirements.

Preliminary results of the analysis were presented at the JTC 2007, and members of the JTC welcome this activity and strongly supported the continuation of the project to learn about the Database content usage along with other usage aspects.

### **INIS ILO Survey**

In correspondence with the recommendations of the 33<sup>rd</sup> INIS Liaison Officers Meeting, the INIS Secretariat conducted the INIS ILOs survey. In total, 75 responses have been received. The final report is available on the INIS Member’s Area and will be presented at the 34<sup>th</sup> ILOM in November 2008.

### **Development and Innovation**

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

The implementation and continuous tuning of the CAI – Computer Assisted Indexing system has increased the performance of the subject analysis process in the INIS Secretariat significantly. For Member States an automatic “batch processing” mode has been implemented, which allows to pre-process files assigning “suggested descriptors”, which then are reviewed (approved/rejected/amended) by subject specialists in Member States, supporting their performance.

#### ***Metadata Extraction Tool (MET)***

The creation of the bibliographic records at present is still a completely manual process and the bottleneck in the INIS Database production cycle. To facilitate the data capture a new Metadata Extraction Tool is under



development, which will produce an improvement of input quality and performance by avoiding the manual re-typing of data already available in digital form.

### ***Multilingual 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), April 2007. 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 is also available on CD-ROM.

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

The most significant project of the past four years has been converting the INIS collection of 'grey', non-conventional literature (NCL) from microfiche to digital media. To date, about 40 percent of this microfiche collection has been digitized, and searchable full-text documents in PDF were uploaded to the INIS online database. Between January 2007 and April 2008, the INIS Secretariat digitized the collections of full-text literature from Argentina, Brazil, Bulgaria, Canada, China, Chile, Colombia, Cuba, Czech Republic, Denmark, Egypt, Germany (partly), India, Mexico, Poland, Russian Federation (partly), Sweden, Switzerland, Ukraine and United States (partly) and provided the electronic documents (PDFs) to INIS Liaison Officers of the respective countries. It is expected to finish this huge project within the next three years.

Other noteworthy digitization projects that have been successfully completed in 2007 include back volumes of the English language version of the 'IAEA Bulletin'; reports of Sweden's AB Atomenergi (Studsvik); Establishing a knowledge base on spent fuel storage and management for the RA reactor (IAEA Service Contract: TCP SCG4003-87004A) in Serbia. Projects started in 2007 and still ongoing include 'Establishing a knowledge base on spent fuel storage and management for the RB reactor, IUREP materials digital preservation, Technical reports from Member States available in the IAEA Library collection. This latter consists of over 50 000 reports, some of them dating back as far as the 1940s. The project's duration is estimated for 5–10 years, depending on available resources.

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 11<sup>th</sup> INIS-ETDE Joint Technical Committee Meeting was conducted in Vienna, Austria, 6-8 November 2007.



## INIS PROGRESS AND ACTIVITY REPORT 2007

### A. General Statistics

#### A.1. Summary

Membership	2006	2007
Official Participants (Member States + International Organisations)	140 (117+23)	141 (118+23)
Centres Submitting Input (Member States + International Organisations)	80 (72+8)	82 (73+9)

#### Voluntary Contributions

Number of records processed by the INIS Secretariat	63,592	55,845
Voluntary contributions from Member states		118

#### Form of Input (number of Centres submitting input)

E-mail	74	79
FTP	17	19
Diskettes	8	5
LAN	7	7
CD-ROM	1	3
Worksheets	2	1
CD-ROM (NCL full-text)	8	11

#### Input and Processing Figures

	Volume 37	Volume 38
Records published	122,412	117,447
Non-conventional literature: records published	27,919	30,018

#### 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	70
INIS centres with free site license for access to the INIS Database on Internet (including the IAEA)	120	121
Authorized users for access to INIS Database on Internet under free subscriptions <sup>1</sup>	88,625	89,630
Paid subscriptions to INIS Database on Internet	14	13
Authorized users for access to INIS Database on Internet under paid subscriptions	2,167	2,436
Universities provided with complimentary access	323	365
Authorized users for access to INIS Database on Internet under complimentary access for Universities/Academic Institutes	1,415,159	1,628,199
Subscriptions to INIS Database on Internet for Permanent Missions to the IAEA (Free)	24	24

<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	3,044,810 (€)	
Revised financial plan	3,154,779 (€)	2,891,693 (€)
Actual expenditure	3,151,948 (€)	

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

Professional staff	21	20
General Service staff	21	20

**A.2. Member States and International Organizations participating in INIS (status at end-February 2008)**

Member State	INIS Liaison Officer	Alternate INIS Liaison Officer
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	Ms. Frederike Strebl
Azerbaijan	Dr. Adil Garibov	---
Bangladesh	Mr. Karam Newaz	---
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. Daniel López Aldama	Ms. Iraida Oviedo Rivera
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	---

<b>Member State</b>	<b>INIS Liaison Officer</b>	<b>Alternate INIS Liaison Officer</b>
Ethiopia	Mr. Alemu Abebe Woldi	Mr. Muluken Wubayehu
Finland	Ms. Eva Tolonen	---
France	Ms. Christa Brulet	Mr. Jérôme Surmont
Georgia	Mr. Irakli N. Maisuradze	Ms. Marine N. Machavariani
Germany	Ms. Silke Rehme	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. JiHo Yi **
Kuwait	Mr. Ahmad Khalid Al-Jassar	---
Kyrgyzstan	Mr. Kubanychbek Noruzbaev	---
Latvia	Ms. Ilva Ake	---
Lebanon	Ms. Amal Habib	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. Ainon 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	---	---
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	---

<b>Member State</b>	<b>INIS Liaison Officer</b>	<b>Alternate INIS Liaison Officer</b>
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
Seychelles	---	Mrs. Sandra Michel
Singapore	Ms. Isabel Yeo-Tang I-Sha	Dr. Paul Lee
Slovak Republic	Mr. Karol Janko	---
Slovenia	Ms. Polonca Mekicar	Mr. Venceslav Kostadinov
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	Mr. Thomas Bigler	Dr. Jean-Marc Suter
Syrian Arab Republic	Mr. Raek Al-Shanaa	Mr. Raed Al-Hallack
Tajikistan, Republic of	Mr. Ilkhom Mirsaidov	---
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 Seckin	---
Uganda	Mr. Richard Oriada	---
UK	Mr. Anthony Halliday	---
Ukraine	Ms. Zhanna I. Pysanko	---
United Arab Emirates	Mr. Salem Talleb	Ms. Fawzia Al Marzooqi Ms. Ayda Al Shehhi
United Republic of Tanzania	Mr. Ebenezer Kimaro	Mr. Shovi F. Sawe
Uruguay	Ms. Ana Rebellato	Ms. S. Fascioli de Turenne
USA	Mr. Brian A. Hitson	Ms. Deborah E. Cutler
Uzbekistan	Dr. Makhtuba Kadirova	Dr. M. Salimov
Venezuela	Ms. Xiomara Jayaro	Ms. Yadira Rojas**
Viet Nam	Mr. Hoang Anh Nguyen	---
Yemen	Mr. Abdul Aziz Al-Shehari	---
Zambia	Mr. Bernard M. Chisenga	---

<b>International Organizations</b>	<b>INIS Liaison Officer</b>	<b>Alternate INIS Liaison Officer</b>
AAEA	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	---	---

International Organizations	INIS Liaison Officer	Alternate INIS Liaison Officer
WEC	---	---
WHO	Mr. Kiyoshi Shibata	---
WMO	Dr. Rupa Kumar Kolli	---
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	Colombia, 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 + AAEA
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
2007	118 + 23	Seychelles

#### A.4. INIS Correspondence Sent to INIS Liaison Officers in 2007/2008

No.	Date	INIS Technical Notes
186	2007-02-28	2006 INIS Products Usage Statistics
187	2007-11-23	Update of the List of Journals Regularly Scanned & Key Journals for 2008
188	2008-01-22	2007 INIS Products Usage Statistics
INIS Information Letters		
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
245	2007-05-16	ILO Meeting 2006: Actions and Recommendations
246	2007-08-29	Professional Vacancies in the INIS & NKM Section
247	2007-10-25	Closing of Volume 38
248	2008-02-07	INIS WinFIBRE Version 3.0.5 with updated Authority Files, January 2008
249	2008-02-08	INIS List of Journals Regularly Scanned and Key Journals for 2008
250	2008-02-11	INIS Production Statistics 2007

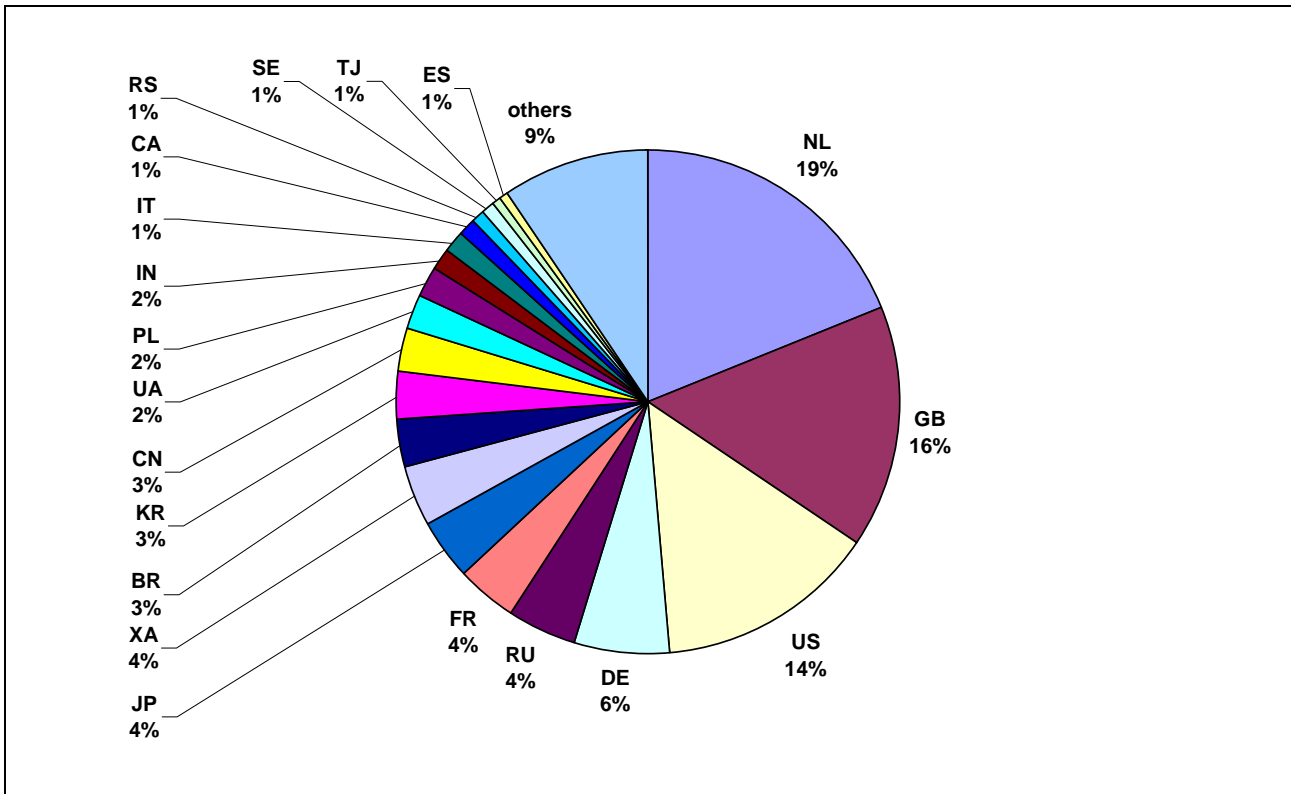
#### A.5. Revision of the Reference Series Documents

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.

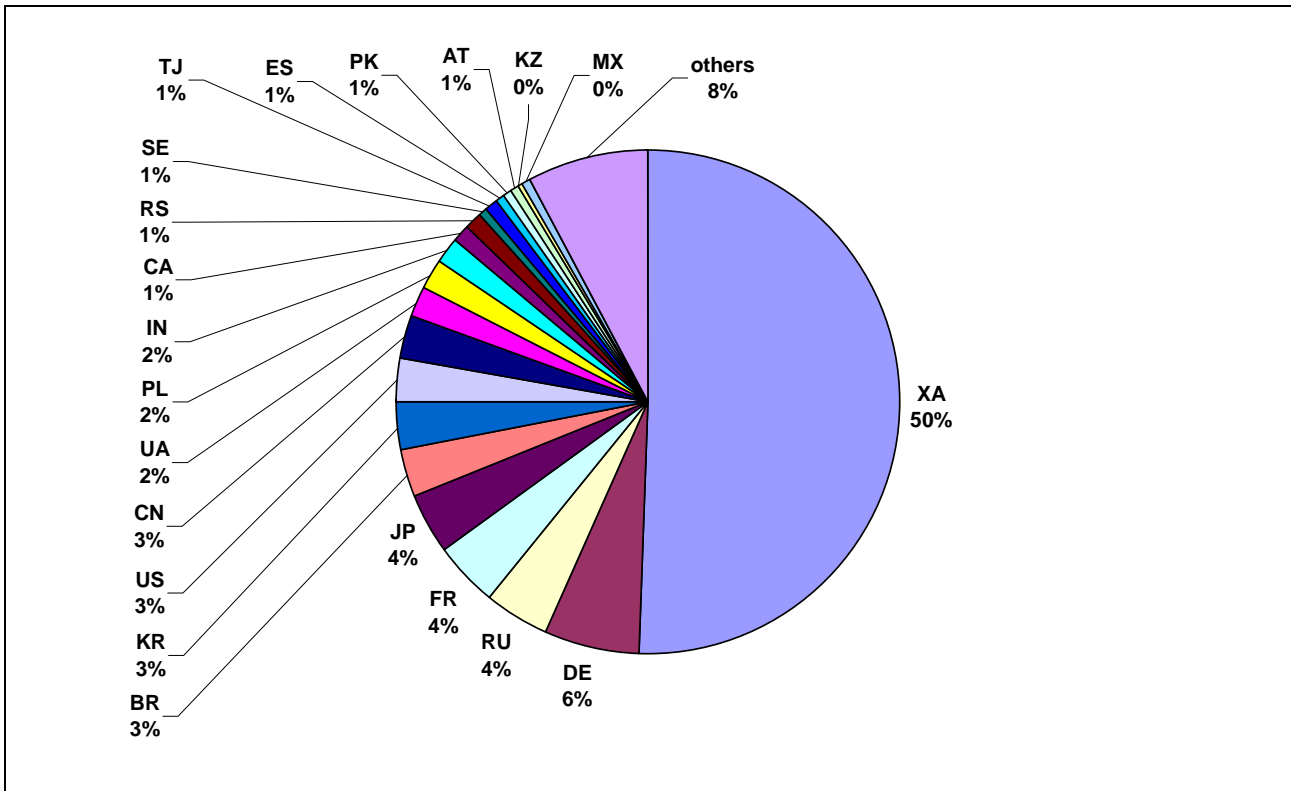
Series No	Date	Subject
IAEA-INIS-11 (Rev.34)	Feb 2008 (electronic)	INIS: Authority List for Journal Titles
IAEA-INIS-11 (Rev.33)	Mar 2007 (electronic & print)	INIS: Authority List for Journal Titles
IAEA-INIS-11 (Rev.33) Supplements	2007 quarterly	INIS: Authority List for Journal Titles
IAEA-ETDE/INIS-1 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. 38 (2007) - Total No. of Records 117,447**



**Figure 2: Input to the INIS Database by Country of Input, Vol. 38 (2007) - Total No. of Records 117,447**

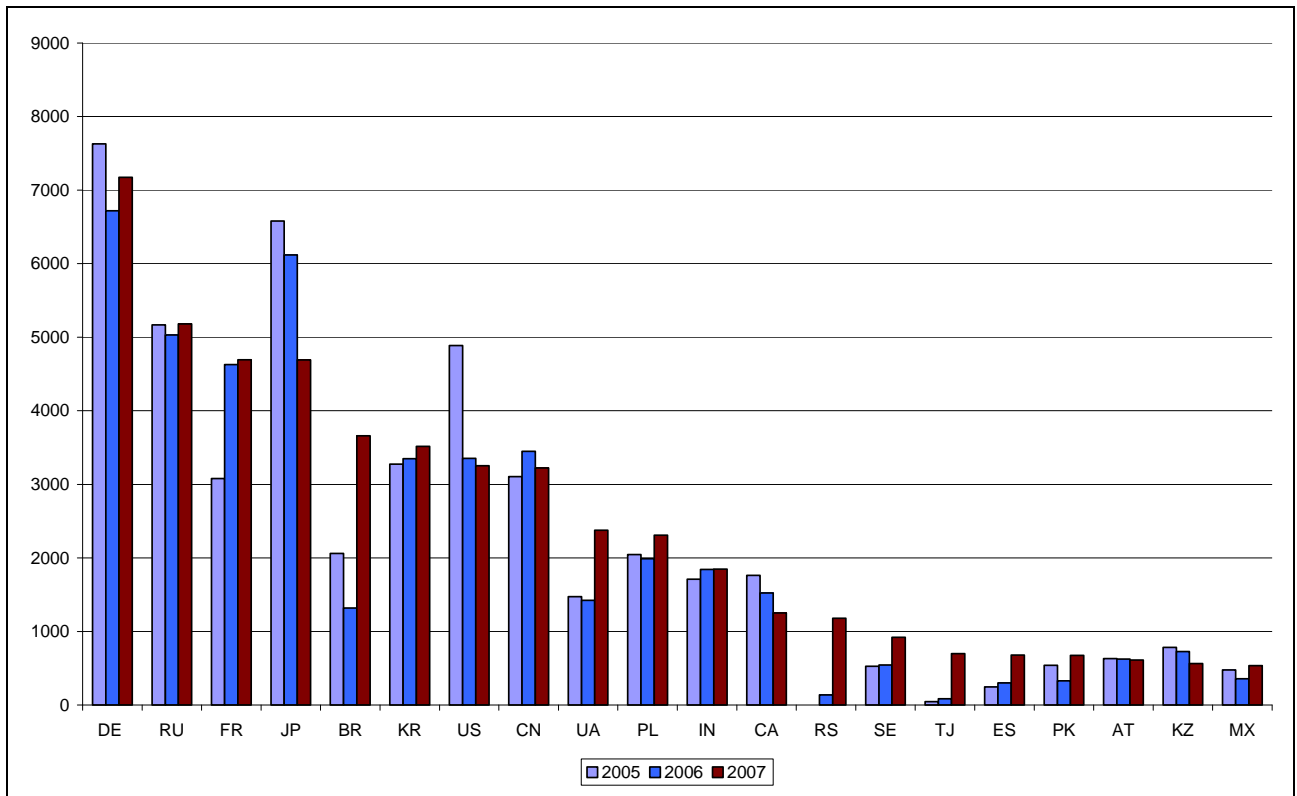


Figure 3a: Input to the INIS Database by Country of Input, Vol. 36 (2005)- 38 (2007)

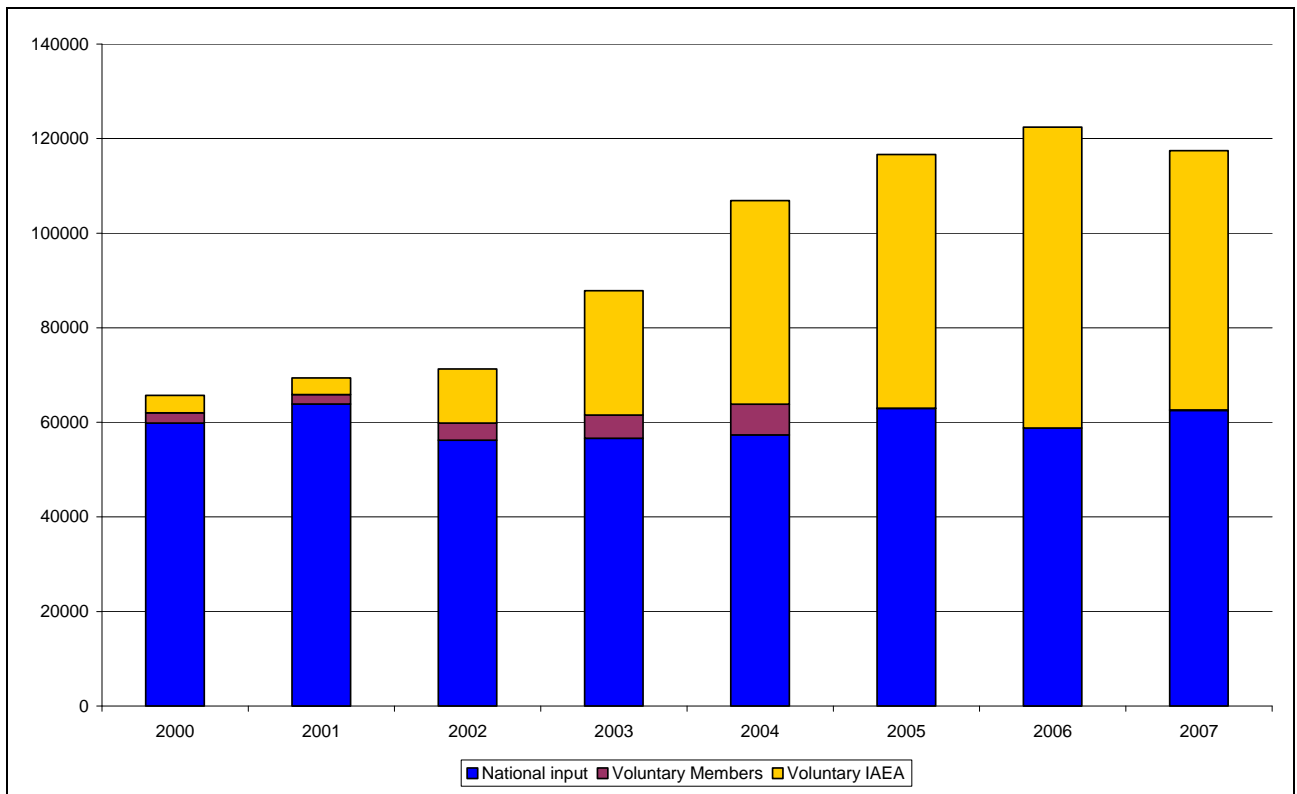


Figure 3b: Input to the INIS Database National vs. Voluntary, Vol. 31 (2000) - 38 (2007)

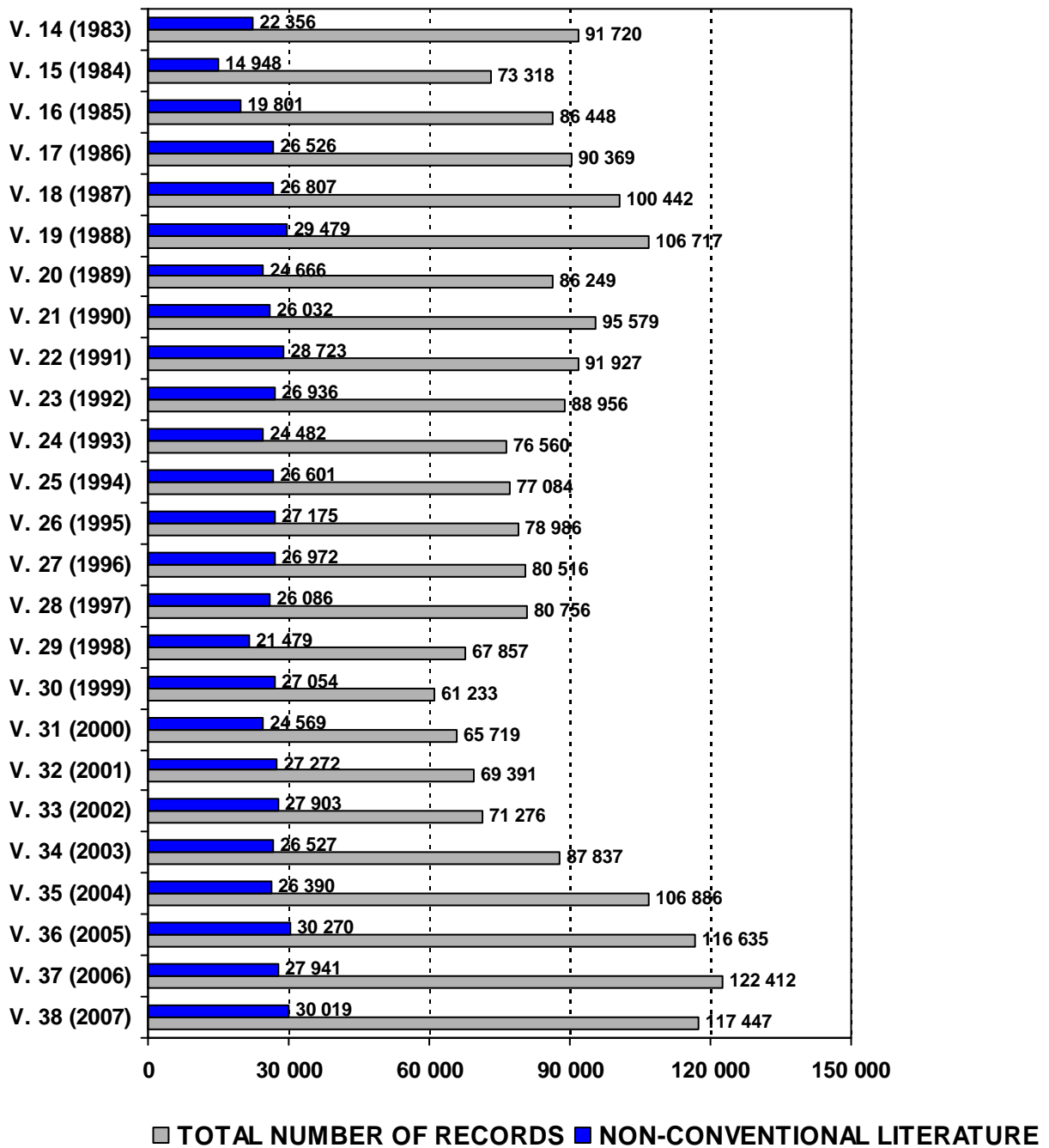


Figure 4: Input to the INIS Database, Conventional and Non-conventional Literature, Vol. 14(1983)–38 (2007)

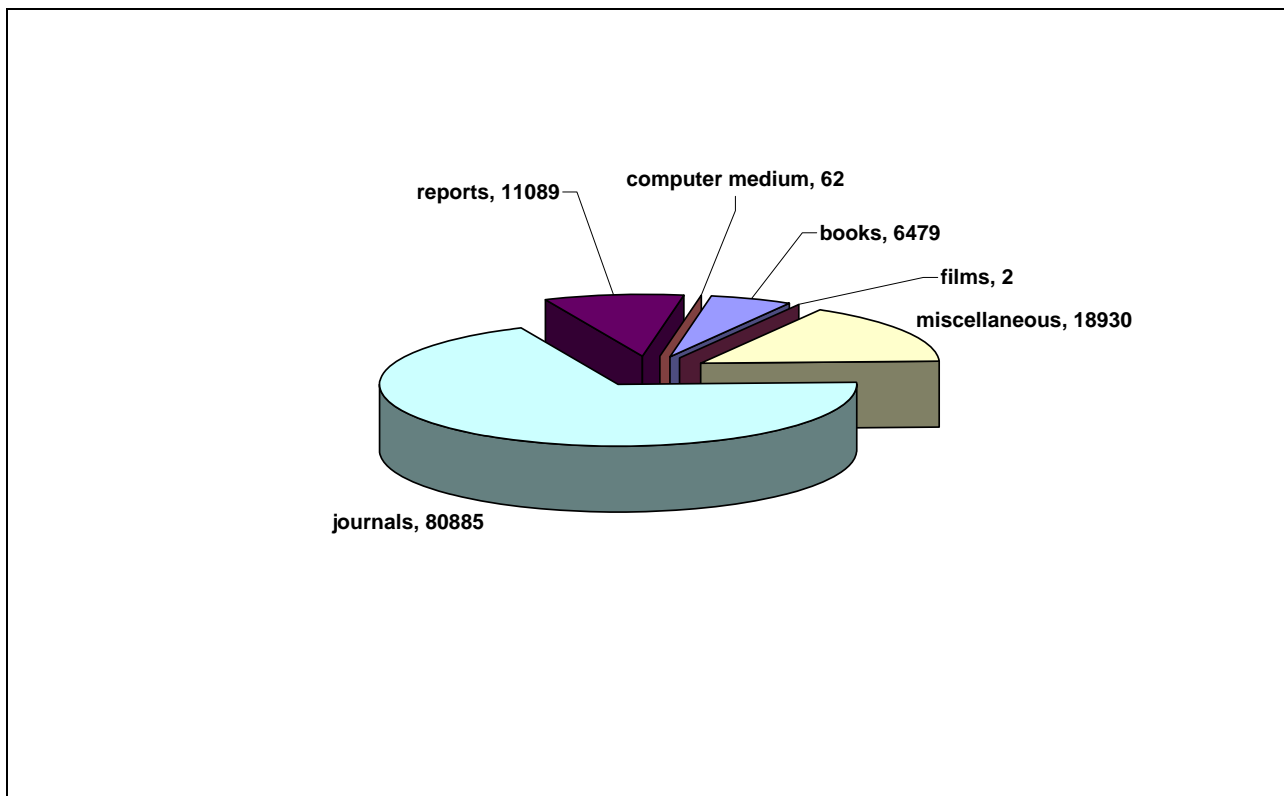


Figure 5: Input to the INIS Database by Literature Type, Vol. 38 (2007) - Total No. of Records 117,447

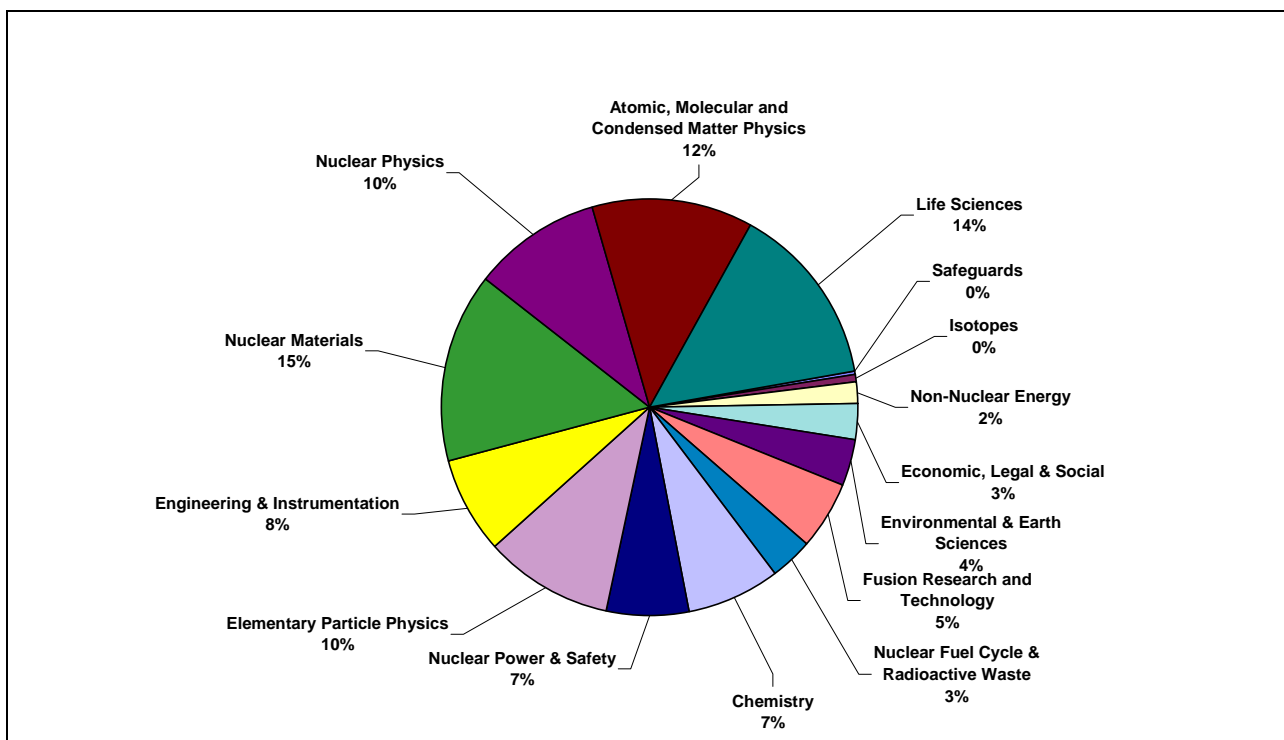
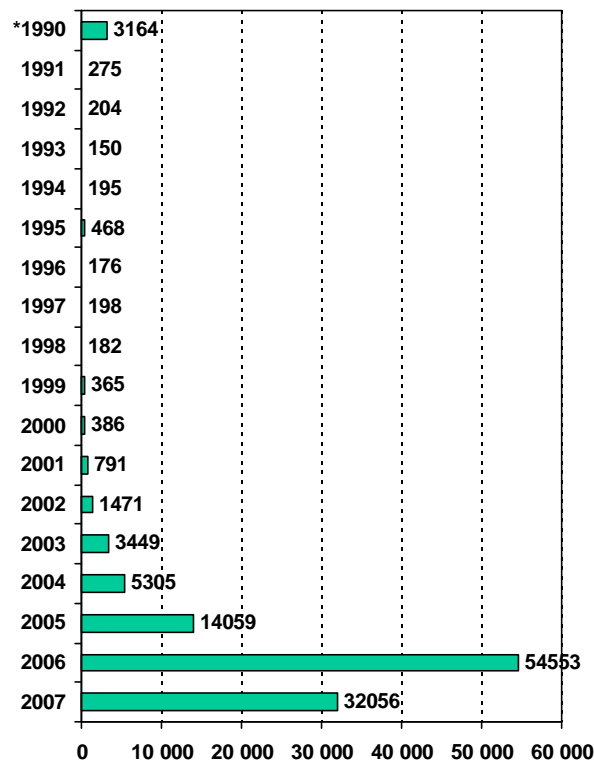


Figure 6: Input to the INIS Database by Subject Area, Vol. 38 (2007) - Total No. of Records 117,447

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)



\* 3164 records were entered with publication year 1969 – 1990

Figure 7: Input to the INIS Database in 2007 by Year of Publication, Vol. 38 (2007) - Total No. of Records 117,447

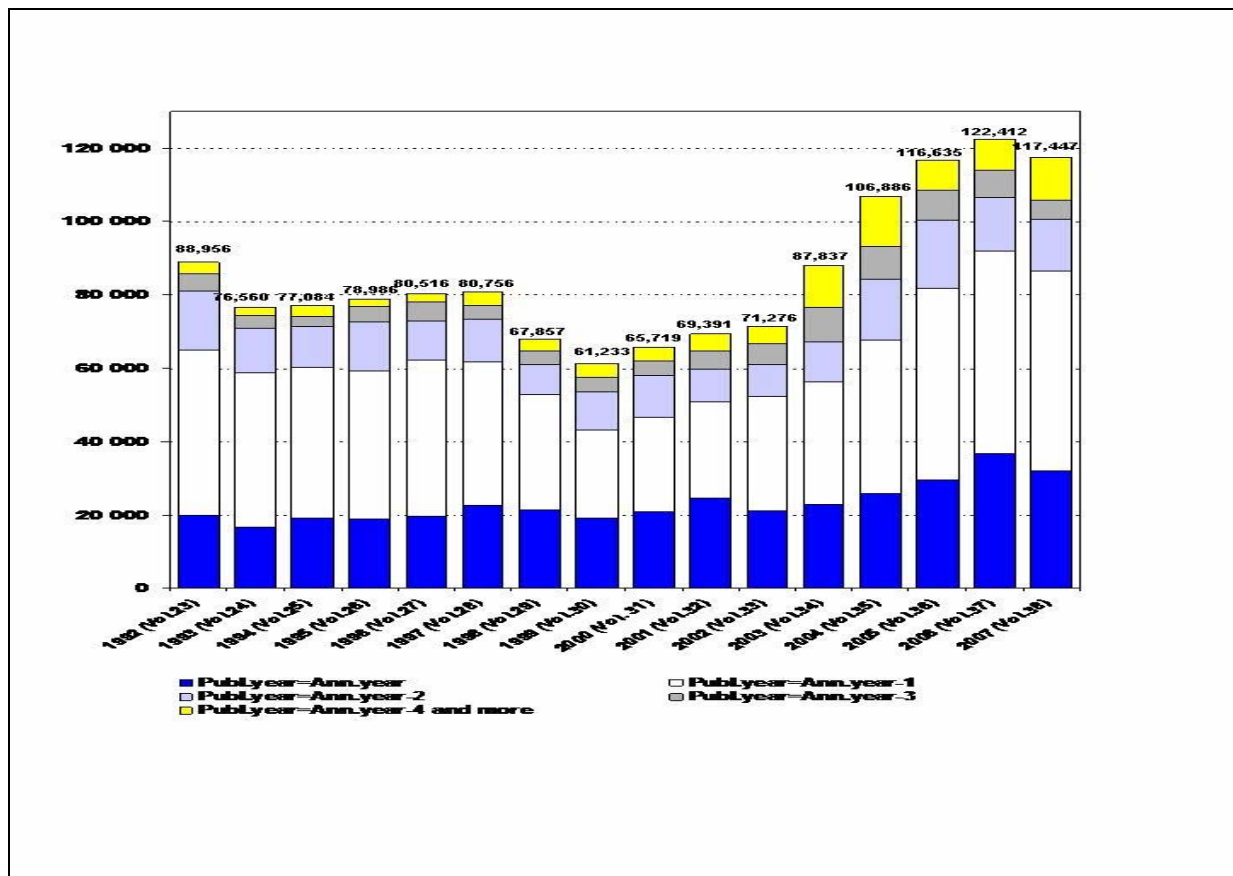


Figure 8: INIS Database Timeliness - Year of Publication in Each Announcement Year, Vol. 23 (1992) - 38 (2007)

## B. INIS Budget and Financial Performance Report for 2007

Item of Expenditure	Budget	Expenditure
<b>Staff Costs</b>		
Salaries – Established posts – P	932,900	861,142
Temporary Assistance – P/MT	73,900	54,300
Temporary Assistance – P/ST	28,900	28,900
Salaries – Established Posts – GS	737,700	698,332
Temporary Assistance – GS/MT	0	42,093
Temporary Assistance – GS/ST	0	8,260
Common Staff Costs	721,600	703,634
Sub-Total, Staff Costs	<b>2,495,000</b>	<b>2,410,432</b>
<b>Travel Costs</b>		
Travel – Staff	39,000	16,420
Travel – Non-staff	47,300	13,519
Sub-Total, Travel Costs	<b>86,300</b>	<b>29,939</b>
<b>Other Direct Costs</b>		
Representation and Hospitality	2,800	948
Training	30,200	2,175
Equipment: Purchased/Construction Work	46,100	32,557
Supplies and Materials	34,400	31,192
General Operating Expenses	44,400	43,498
Contracts	132,200	288,780
Research and Technical Contracts	23,400	0
Miscellaneous	8,100	0
Sub-Total, Other Direct Costs	<b>321,600</b>	<b>399,150</b>
<b>Shared Costs</b>		
Translation and Records Services	12,200	11,677
Printing Services	47,800	67,800
Data Processing Application Services	48,900	48,900
Sub-Total, Shared Costs	<b>108,900</b>	<b>128,377</b>
<b>Total</b>	<b>3,011,800</b>	<b>2,967,899</b>

## C. INIS & NKM Section - Staffing as of December 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 L.M. Dueñas, Programme Officer; Ms M. Fronda, Senior Secretary  
Ms E. Dyck, Information Officer (TA)

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

Mr D. Pistillo, IT Systems Engineer; Mr. D. Mironov, Programmer (TA)  
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, Ms N Dreihann-Holenia,  
Mr. S. Padikkakudy, Database Production Assistant;  
Mr G. St-Pierre, Digital Preservation Technician;  
Mr Y. Reynaud Pulido, OCR Systems Technician;  
Mr B. Krznicaric, Mr T. Kalapurackal, Imaging Technician

**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 38 (2007) was 117,447. A total of 81 Members sent national input for volume 38 (2007). INIS Liaison Officers from 47 countries were contacted in 2007 and encouraged to increase their national input contribution. As a result of this activity, 9 countries raised the level of their input. Unfortunately, the following Members provided no national input for the calendar years 2005-2007:

Table 1: No National/In-house Input in 2005-2007

Member States			International Organisations		
2005	2006	2007	2005	2006	2007
Algeria	Albania	Albania	AAEA	AAEA	AAEA
Albania	Algeria	Algeria	CERN	ABACC***	ABACC***
Armenia	Bolivia	Bangladesh	CTBTO	CERN	CERN
Bolivia	Botswana	Bolivia	ICRP	FAO	CTBTO
Botswana	Burkina Faso	Botswana	ICSTI	ICRP	EC
Burkina Faso**	Cameroon	Burkina Faso	MERRCAC**	ICSTI	FAO
Cameroon	Central African Republic***	Cameroon	OAU	IIASA	ICRP
Congo	Congo	Central African Republic***	OPEC	MERRAC	IIASA
Cyprus	Cyprus	Congo	UNIDO	OAU	MERRAC
Ecuador	El Salvador	Cyprus	WEC	OECD	OAU
El Salvador	Ethiopia	Ecuador	WMO	OPEC	OPEC
Ethiopia	Georgia	Estonia	WONUC	WEC	WEC
Greece	Guatemala	Ethiopia		WMO	WMO
Guatemala	Haiti	Georgia		WNA***	WNA***
Haiti**	Iraq	Greece		WNU***	WNU***
Israel	Ireland	Guatemala		WONUC	WONUC
Iraq	Kuwait	Haiti		UNIDO	
Kuwait	Kyrgyzstan	Iraq			
Kyrgyzstan	Libya	Jordan			
Libya	Madagascar	Kuwait			
Madagascar	Mali	Kyrgyzstan			
Mali	Mauritius	Latvia			
Mauritius	Moldova	Lebanon			
Moldova	Mongolia	Libya			
Mongolia	Morocco	Luxembourg****			
Morocco	Myanmar	Madagascar			
Nicaragua	Namibia***	Mauritius			
Niger	Nicaragua	Moldova			
Nigeria	Niger	Mongolia			
Panama	Nigeria	Morocco			
Paraguay	Panama	Namibia***			
Portugal	Portugal	Nicaragua			
Qatar	Qatar	Niger			
Senegal	Senegal	Panama			
Singapore	South Africa	Paraguay			
South Africa	Venezuela	Senegal			
Tanzania	Uganda	Seychelles****			
Tunisia	United Arab Emirates	South Africa			
Uganda		Sri Lanka			
United Arab Emirates		Venezuela			
Venezuela		Viet Nam			
Yemen		Uganda			
Zambia		United Arab Emirates			
		Yemen			
		Zambia			

\* Joined INIS in 2004

\*\* Joined INIS in 2005

\*\*\* Joined INIS in 2006

\*\*\*\* Joined INIS in 2007



## D.2. INIS Non-conventional Literature

In 2007, a total of 30,018 non-conventional records were added to the INIS Database. Full-text of approx. 50%, ie.16,145 was submitted to INIS for integration into the electronic NCL Database. A total of 45 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 2007, the INIS Secretariat prepared 4433 items of input from publications of the IAEA and other UN organisations, representing 3.8 % of the total annual input. The Secretariat also prepared 54 814 items of input from electronic records as voluntary contribution. In total 59 247 records were prepared, representing 50,4 % of the total annual INIS input.

## D.4. Input with FIBRE

A new release of WinFIBRE, 3.05, 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. 248 dated 2008-02-07. 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 and has been used on Vista platform without problems.

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/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 2008' was produced and sent to all INIS Centres in 08 February 2008 as an attachment to *INIS Information Letter No. 249*. The list and the information letter are available from the INIS Members area on the INIS Web site under the address: <http://www.iaea.org/inisnkm/marea/restricted/restrictedpdf/2008/infoletter249.pdf>.

The 34<sup>th</sup> Revision of *IAEA-INIS-11: Authority List for Journal Titles* containing 13,538 titles was published in February 2008. 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 under the following link: [http://www.iaea.org/inisnkm/marea/restricted/restrictedpdf/2008/inis11\\_authority\\_list\\_journal\\_title\\_34\\_cover.pdf](http://www.iaea.org/inisnkm/marea/restricted/restrictedpdf/2008/inis11_authority_list_journal_title_34_cover.pdf).

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

Electronic print preparations (PDF files) are produced for the monolingual versions of the thesaurus including the full thesaurus hierarchy. Multilingual dictionaries without thesaurus hierarchy and an interactive multilingual thesaurus with navigation capabilities including the full thesaurus hierarchy in HTML. 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 site (<http://www.iaea.org/inisnkm/marea/member1.htm>).

## 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 acquisition and processing of records of journals from the Institute of Physics Publishing (IOPP), Elsevier Science and American Institute of Physics (AIP) has now become routine. The backlog for three journals from the American Nuclear Society (ANS) has been covered. A new agreement for Springer Verlag is in place, the data are now delivered on a regular basis and the coverage of the backlog of these journals are in progress.

### 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, 2003–2007**

Type of record	Vol. 34 (2003)	Vol. 35 (2004)	Vol. 36 (2005)	Vol. 37 (2006)	Vol. 38 (2007)
Journal	19 (*)	19 (*)	13	12	12
Book	25	17	38 (**)	22	31
Report	20	37 (**)	45 (**)	60 (**)	78 (**)
Miscellaneous	16	15	16	28	44 (**)
All records <sup>3</sup>	19	21	19	19	24

(\*) Backlog recovery from core journals

(\*\*) Knowledge preservation project (France, IAEA, Library)

### 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 2007, the indexing of 42 933 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 2007, 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. Support to staff in National Input Centres for NCL related issues is provided via the new email address: [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 2007, a total of 356 Universities in 64 Member States were provided with access. In addition, 52 universities were contacted to finalize the license formality and the registration process.

At the end of February 2008, a total of 358 Universities from 64 countries were provided with access to the INIS DB on Internet.

At the end of 2007, the total number of subscribers was 490 (457 in 2006) out of 121 Members. The total number of authorised IP users was 1,716,851 (1,502,498 in 2006), and there were 3,446 (3,485 in 2006) individual registrations. Staff members of the VIC organizations have free access to the Database without needing to register. During the course of 2007, there were 70 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 2008, the total number of subscribers was 493 out of 122 Members. The total number of authorised IP users was 1,725,763, with 3,448 individual registrations.

Free access continued to be offered to the staff of the Permanent Missions of Member States to the IAEA. At the end of 2007, 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 end - 2007)**

INIS Member	Paid Subscriptions	INIS centre licensed?
Albania		
Algeria		yes
Argentina	1 site	yes
Armenia		yes
Australia	2 site	yes
Austria		yes
Azerbaijan		yes
Bangladesh		yes
Belarus		yes
Belgium		yes
Bolivia		
Botswana		yes
Brazil		yes
Bulgaria		yes
Burkina Faso		yes
Cameroon		
Canada	1 site	yes
Central African Rep		
Chile		yes
China		yes
Colombia		yes
Costa Rica		yes
Croatia		yes
Cuba		yes
Cyprus		yes
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		

INIS Member	Paid Subscriptions	INIS centre licensed?
Norway	1 site	yes
Pakistan		yes
Panama		
Paraguay		yes
Peru		yes
Philippines		yes
Poland		yes
Portugal		yes
Qatar		yes
Republic of Moldova		yes
Romania		yes
Russia		yes
Saudi Arabia		yes
Senegal		yes
Serbia		yes
Seychelles		
Singapore		yes
Slovakia		yes
Slovenia		yes
South Africa		yes
Spain		yes
Sri Lanka		yes
Sudan		yes
Sweden	1 site	yes
Switzerland		yes
Syrian Arab Rep		yes
Tajikistan, Rep. of		yes
Thailand		yes
The FYR Macedonia		yes
Tunisia		yes
Turkey		yes
Uganda		
Ukraine		yes
United Arab Emirates		yes
United Kingdom	1 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>3 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)		yes
OAU (Ethiopia)		
OECD/NEA (France)		yes

INIS Member	Paid Subscriptions	INIS centre licensed?
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?
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>19 18 centres licensed</b>
<b>TOTALS IN INIS MEMBERS</b>	<b>13 subscriptions</b>	<b>120 121 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 1,716,851.

3. The TOTAL number of individual registrations - 3,446

n/a = not applicable

**Table 4: INIS Database on the Internet: Usage statistics, 1 January - 31 December 2007**

INIS Member	Total number of requests	INIS Member	Total number of requests
Argentina	4990	Mexico	277
Armenia	2	Netherlands	213
Australia	2027	New Zealand	64
Austria	1305	Nicaragua	32
Belgium	670	Niger	2
Brazil	22888	Norway	686
Bulgaria	631	NEA	374
Canada	12852	Pakistan	371
Chile	675	Paraguay	39
China	71	Permanent Missions	52
Colombia	658	Peru	367
CTBTO	20	Philippines	7
Costa Rica	383	Poland	274
Croatia	165	Portugal	29
Cuba	22	Qatar	589
Czech Republic	3841	Romania	1982
Denmark	46	Russian Federation	2162
Egypt	8174	Saudi Arabia	1027
Estonia	166	Serbia and Montenegro	4815
European Commission	13	Singapore	1
CERN	185	Slovak Republic	87
Finland	1687	Slovenia	631
France	9978	South Africa	627
Georgia	27	Spain	1023
Germany	324	Sudan	1223
Ghana	116	Sweden	2306
Greece	41	Switzerland	274
Hungary	50	Syrian Arab Republic	814
India	2459	TFYR Macedonia	178
Indonesia	64	Tunisia	125
IAEA External *	3269	Turkey	2248
ICTP	65	Ukraine	43
ICRP	313	United Kingdom	1754
Iran, Islamic Republic of	59	UN	3
Ireland	36	UR Tanzania	172
Israel	2166	USA	4977
Italy	170	Uruguay	111
Japan	8017	Uzbekistan	41
JINR	719	Venezuela	22
Kenya	63	Viet Nam	3
Korea, Republic of	295	WHO	5
Latvia	98	WNA & WNU	14
Lebanon	38	<b>External Users</b>	<b>119984</b>
Lithuania	54	<b>Internal Users</b>	<b>33594</b>
Malaysia	32		
Mali	16	<b>Total Users</b>	<b>153578</b>

**Table 5 : INIS Database on Internet: Complimentary Access for Universities and Academic Institutes (as of end-2007)**

No.	Country	Requests processed	Requests fulfilled	No.	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				
36	Mexico	8	3				
					<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 31<sup>st</sup> 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

The INIS Database continued to be made available on a monthly basis to subscribers. At the time of writing, the product consists of a set of 11 archival CD-ROMs covering the period 1970-2007, one current CD-ROM from 2008, and the resource CD.

### F.2.1. Free Subscriptions

At the end of 2007, 99 Member States and 10 International Organizations received two free subscriptions each, and 20 IAEA staff members received one copy of the INIS Database on CD-ROM. Additionally, 4 other external recipients receive one free copy through special arrangement. The INIS Secretariat issued 10 ERL Authorization Sheets for free subscribers to the INIS Database on CD-ROM.

**Table 6: 2007 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
<b>Argentina</b> <i>see Notes</i>	3558	1970	100	270
<b>Australia</b> <i>see Notes</i>	0	1	0	4
<b>Austria</b> <i>see Notes</i>	N/U	N/U	N/U	N/U
<b>Bangladesh</b> <i>see Note</i>	350	30	-	-
<b>Belarus</b> <i>see Notes</i>	124	124	27	83
<b>Belgium</b>	N/U	N/U	N/U	N/U
<b>Brazil</b> <i>see Notes</i>	-	400	-	887
<b>Bulgaria</b> <i>see Notes</i>	12	-	-	76
<b>China, People's Rep.</b>	6660*	-	-	900
<b>Colombia</b>	48	96	96	24
<b>Croatia</b>	190	-	84	123
<b>Denmark</b>	N/U	N/U	N/U	N/U
<b>Finland</b> <i>see Notes</i>	-	-	-	-
<b>France</b> <i>see Notes</i>	20*	7500*	0	670*
<b>Germany</b>	-	-	-	N/A
<b>Ghana</b> <i>see Notes</i>	28*	-	-	16
<b>Hungary</b> <i>see Notes</i>	0	33	0	4
<b>India</b> <i>see Notes</i>	2100	3000	6	500
<b>Indonesia</b> <i>see Notes</i>	25	0	20	124
<b>Iran</b> <i>see Notes</i>	4200	-	-	622
<b>Israel</b> <i>see Notes</i>	0	0	0	160
<b>Italy</b> <i>see Notes</i>	8	10	10	11
<b>Japan</b> <i>see Notes</i>	5517	59147	N/A	N/A
<b>Korea, Republic of</b>	N/A	N/A	N/A-	N/A
<b>Luxembourg</b>	0	0	0	0
<b>Mali</b> <i>see Notes</i>	several	numerous	none	4
<b>Mexico</b>	150	-	-	136
<b>Pakistan</b> <i>see Notes</i>	96	74	0	635
<b>Peru</b> <i>see Notes</i>	214	-	65	385
<b>Philippines</b>	14	-	10	88
<b>Poland</b> <i>see Notes</i>	23	<b>50</b>	1	9
<b>Romania</b> <i>see Notes</i>	135	45	5	320
<b>Saudi Arabia</b> <i>see Notes</i>	<b>1300</b>	4	300	2050
<b>Singapore</b> <i>see Notes</i>	0	0	0	0
<b>Slovakia</b> <i>see Notes</i>	11	N/A	N/A	5
<b>Slovenia</b>	0	0	0	10



Country Name / International Organization	No. of search requests	No. of connections	Number of operational SDI queries	Number of NCL full text supplied
<b>Sweden</b> <i>see Notes</i>	10	<b>50</b>	-	15
<b>Syria</b> <i>see Notes</i>	975	9243	-	360
<b>Tajikistan</b> <i>see Notes</i>	374	45	37	807
<b>Tanzania</b> <i>see Notes</i>	5	1	-	8
<b>Turkey</b> <i>see Notes</i>	N/U	N/U	N/U	182
<b>Ukraine</b> <i>see Notes</i>	314	38	-	139
<b>Vietnam</b>	37	-	17	63

**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  
• Document Delivery Service derived from RRIAN requests
- AUSTRALIA: • CD-ROMS hardly ever used. All users mainly use web-version.  
• INIS Database on the Web Training
- AUSTRIA: • INIS DB on CD-ROM not in use at ARCS.  
• There was no request for INIS NCL  
• IAEA web-server is used by ARC.
- BANGLADESH: • Gave a seminar and four discussion meetings re promotion of INIS at different institutes of BAEC.
- BELARUS: • Conducted training sessions for IAEA Regional Course; trained students at the university; promotional presentation on scientific conference
- BRAZIL: • Both conventional and NCL, the document delivery service supplied 3877 INIS database full texts.
- BULGARIA: • Promoted INIS products during the conferences and by advertising in professional journals
- CHINA: • The number of search is the statistics from the website of CNIC  
• 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.
- FINLAND: • The use of CD-ROMs is very low, the INIS Database is accessed through the web.
- FRANCE: • The CD-ROM is networked in our organization and accessible via our Information Portal for self-service. Most searches are carried out by the end-users, including setting up SDIs.  
• The CD-ROM is also networked in the CNRS\*, biggest research institution in France.  
• We extract the part of grey literature available as fulltext and import those data in our library catalogue.  
• Used the IAEA-produced CD-ROM mainly for safekeeping purpose.  
• As additional INIS-related services, training sessions and advice in establishing search strategies.
- GHANA: • Searches exclude those conducted by users  
• Had seminar presentation as part of Orientation Programme of the graduate School of Nuclear & Allied Sciences; provided document delivery of full text Ghanaian journal articles of INIS reference to other ILOs
- HUNGARY: • These connections are searches of students and employees of the University and researchers.
- INDIA: • SDI services were continued in 2007. The INIS database was much used by the senior staff members; awareness and utility of INIS database promotion programmes were carried out in 2007
- INDONESIA: • Most requests come from BATAN, while for internal information, we are using intranet facility. Users can access to the INIS Database stored in our server.  
• Introduction and promotion of the INIS products to four universities in Indonesia.
- IRAN: • Provided on microfiche: 3358 pages – 62 titles
- ISRAEL: • We do not have the capability to monitor most of the activity of our researchers using INIS products.
- ITALY: • Submitted 5 requests for University/Academic Institutes Complimentary Access to the INIS Database.
- JAPAN: • The number of full text (INIS NCL) is not available, since we do not distinguish INIS NCL from other full text in our statistics
- MALI: • Our center is not operating fully, but we are progressing in organizing our center
- PAKISTAN: • INIS online access Web Page open but after authentication the search page is inactive, hence, INIS online searches are not possible.  
• About 96 retrospective searches were provided by using INIS Database. The importance and valuable uses of INIS Database were introduced among the scientists of PINSTECH Complex.
- PERU: • We continue using the INIS Database through WebSPIRS Software in our Internal net.  
• The total quantity of pages given ascends to 21845
- PHILIPPINES: • Gave lectures and demo to the participants of the seminar on “Nuclear Science for High School Science Teachers” on how to use and search on the CD-ROM, topics pertaining to nuclear energy.
- POLAND: • Search requests comprised of 14 from INIS DB national; 6 INIS NCL DB national and 3 requests from abroad. These numbers are not including INIS DB searches made by institutions with direct access to DB.  
• In case of printed articles, the papers were scanned and converted into electronic form and then sent to users by e-mail (due to the user request)  
• The promotional materials have been sent to 35 institutions, 5 requests to help in for searching for specific papers which are not presented in INIS DB.
- ROMANIA: • INIS processing services for French INIS Centre (156 items);

- INIS Demo training for national users (15 h)
- Free access during conferences and symposium
- SAUDI ARABIA:
  - INIS Database on CD-ROM is extremely purposeful and useful in the Kingdom of Saudi Arabia
  - The users are mostly from research institutes, universities/colleges and hospitals.
  - INIS website has been designed by the INIS Section General Directorate of Information Systems for INIS users at KACST. It contains detailed information about the INIS activities, INIS operation, utilization and promotion of INIS and its database at KACST.
- SINGAPORE:
  - Contributed records from regularly scanned and key journal (2007)
- SLOVAKIA:
  - Connections with INIS Online Database and the number of operational SDI queries from INIS on CD are not registered
  - The INIS Seminar as a part of the course “Chemical Information” was organized during February-March 2007 (see bulletin Nuclear Information and Knowledge, No. 4, 2007,p.17. The paper of Kuruc, J: “ Database INIS and INIS National Centre of the Slovak Republic: Past, Present and Future” was published (INIS RN: 38059372)
- SWEDEN:
  - Most requests for full texts come from universities and since they have access to the INIS database, we normally give the customer the instruction on how to download the report.
- SYRIA:
  - Using the ERL server software with WebSPIRS interface on the local network has increased the usage of DB to a higher level.
  - Two candidates from Uzbekistan, one from Tajikistan, and one from Libya have been trained at our national center
  - Translation the interface of INIS DB on Internet into Arabic
  - Update the Arabic version of INIS Thesaurus
- TAJIKISTAN:
  - Since the speed of internet is very low in our organization, we mainly use CD-ROMs.
  - People coming to our center mostly use floppy discs or flash to take the information. People from different sectors (medicine, industry, agriculture, research, etc) are using in their activities the sources of ionizing radiation come to our center for obtaining information in the field of nuclear energy use in peaceful purposes.
  - We conducted a number of workshop in Tajik State National University regarding the activity of Tajik INIS Center and about WinSPIRS program.
- TANZANIA:
  - Searching on the INIS Database on CD-ROM was very successful.
  - Download from FTP server was not successful because the Internet connection was too slow.
- TURKEY:
  - INIS DB on Internet is used by Turkish Atomic Energy Authority.
  - There are no information about our research center’s statistics as well as from the universities’ usage.
  - INIS promotional materials were distributed to the conference ICENESO07 held 3-8 June 2007. We are in contact with university professors and students.
- UKRAINE:
  - 17 full texts for scientific institutes and universities of Ukraine

### F.2.2. Paid Subscriptions

At the end of 2007 there were 68 current paid subscriptions from 21 INIS Member States. The INIS Secretariat has issued 7 ERL Authorization Sheets for paid subscribers to the INIS Database on CD-ROM.

**Table 7: Subscription Options**

Option	Number of countries	Price
Option 1	9	basic
	30	+ 15%
	1	+ more than 15%
	0	+ 25%
	1	+ 30%
	10	n/a*
Subtotal:	<b>51</b>	
Option 2	1	basic
	1	+ 15%
	5	+ 20%
	1	+ 30%
Subtotal:	<b>8</b>	
Option 3	<b>41</b>	basic
No option**	<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 2007**

Countries/Organizations	Number of subscriptions
Australia	3
Belgium	2
Canada	1
Czech Republic	6
Finland	1
France	4
Germany	6
Hungary	1
India	8
Japan	11
Netherlands	1
Pakistan	3
Russian Federation	1
Slovak Republic	2
South Africa	2
Spain	1
Sweden	4
Switzerland	1
Ukraine	1
United Kingdom	6
United States	3
<i>Total</i>	<i>68</i>

### 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 33<sup>rd</sup> ILO Meeting.
- Information on the INIS & NKM Section's successful presentation at the 51<sup>st</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 Seminars.
- 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.

### 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 2007, 15 INIS Liaison Officers were receiving this product.

**Table 9: INIS Atomindex on CD-ROM Distribution, 2002–2007**

<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
2007	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, 2007**

External INIS Members [and Host]	Downloadin g 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
Belgium See Notes	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Brazil	bi-weekly	-	-	-	463526	13140	1062
Colombia	-	2000 to present	384	960	24	960	24
Croatia	bi-weekly	-	30	463	437	81	123
France See Notes	bi-weekly	1994 to present	N/A	N/A	N/A	N/A	670
Germany	bi-weekly	1970 to present	28.56	1652	1866	1186	N/A
India	-	1970 to present	-	-	-	65	500
Iran	-	1970 to present	720	1200	960	8400	622
Korea, Republic of	bi-weekly	1990 to present	N/A	N/A	N/A	2497	N/A
Mexico	bi-weekly	1975	5	1348	1348	650	136
Romania see Notes	bi-monthly	1972 to present	About 150	2200	2100	49	320
Slovenia	-	-	-	-	-	-	10
Saudi Arabia see Notes	Weekly	1999 to present	-	-	More than 500	-	2050

**NOTES:** N/A statistics not available while the services were provided to the users.  
N/U represents country did not use the product  
- represents no figure provided

**BELGIUM:** ▪ INIS Atomindex on IAEA's FTP Server is available to SCKCEN but usage is not monitored.

**FRANCE:** ▪ We extract the part of grey literature available as fulltext and import those data in our library catalogue.

▪ Additionally, end-users get full text via INIS DB on Internet.

**SAUDI ARABIA** ▪ Downloaded data from the FTP server and used the IAEA produced CD-ROM. The updated information is very useful and regularly disseminates to the INIS users.

▪ As additional service, INIS website has been designed by the INIS Section (GDIS) for INIS users at KACST. It contains detailed information on INIS activities, operation, utilization and promotion as well as the INIS database at the KACST.

• As additional service, INIS website has been designed by the INIS Section (GDIS) for INIS users at KACST. It contains detailed information on INIS activities, operation, utilization and promotion as well as the INIS database at the KACST.

**Table 10 (Part 2): From Germany:  
Online Usage Statistics for the INIS Database on STN International in 2007**

Country	Connect Hours	Online Displays	Offline Prints	SDI*
Australia	0.06	2	0	0
Belgium	0.08	0	0	0
Brazil	0.11	0	0	0
Canada	1.43	47	0	0
Denmark	0.09	0	0	0
Finland	0.12	7	0	0
France	22.36	2213	0	50
Germany	28.56	1652	1866	1186
Italy	0.01	0	0	0
Japan	6.53	614	0	0
Netherlands	12.96	313	0	0
Norway	0.54	0	0	50
Spain	0.18	0	0	0
Sweden	0.04	0	3	1
Switzerland	0.08	1	0	0
United Kingdom	1.01	665	0	50
<b>INIS Total</b>	<b>74.16</b>	<b>5514</b>	<b>1869</b>	<b>1337</b>

\* Number of SDI profiles in 2007: 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 38 (2007)
NCL	886,410	30,018
NCL available from INIS (microfiche and/or electronic)	657,636	16,145
NCL in electronic form available from INIS	289,657	16,145

### F.5.2. Ad-hoc orders

#### External distribution

**Table 12: INIS NCL Ad-hoc Orders - External Distribution**

Year	2000	2001	2002	2003	2004	2005	2006	2007
Reports supplied	492	513	568	874	669	420	508	501

### 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 - 2007**

Orders	2000	2001	2002	2003	2004	2005	2006	2007
Free	44	49	53	56	57	60	60	70
Paid	7	8	8	8	7	7	7	7

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

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

### G.1. Digital Preservation

Digitizing documents and publications from the nuclear fields and thus preserving valuable nuclear information continues to be one of the major projects of the INIS and Nuclear Knowledge Management Section. The most significant project of the past four years has been converting the INIS collection of 'grey', non-conventional literature (NCL) from microfiche to digital media. Over 600,000 full-text documents are available on microfiche, covering the period 1970-1996. To date, about 40 percent of this microfiche collection has been digitized, and searchable full-text documents in PDF were uploaded to the INIS online database. It is expected to finish this huge project within the next three years.

Between January 2007 and April 2008, the INIS Secretariat digitized the collections of full-text literature from Argentina, Brazil, Bulgaria, Canada, China, Chile, Colombia, Cuba, Czech Republic, Denmark, Egypt, Germany (partly) India, Mexico, Poland, Russian Federation (partly), Sweden, Switzerland, Ukraine, United States (partly) and provided the electronic documents (PDFs) to INIS Liaison Officers of the respective countries.

Other noteworthy digitization projects:

a) successfully completed in 2007 include:

- Volumes 01 to 39 of the English language version of the 'IAEA Bulletin'; searchable full-text versions of the Bulletin will be included on the IAEA web site and made publicly available.
- Reports of Sweden's AB Atomenergi (Studsvik), which are now available via the INIS Database.
- Establishing a knowledge base on spent fuel storage and management for the **RA** reactor (IAEA Service Contract: TCP SCG4003-87004A) in Serbia by digitizing 1,188 documents on design, analysis, construction, operation, and decommissioning and including them with 1,265 records in the INIS Database.

b) started in 2007 and ongoing, include:

- Establishing a knowledge base on spent fuel storage and management for the **RB** reactor
- IUREP materials digital preservation project
- Technical reports from Member States: the IAEA Library keeps a collection of over 50 000 reports, some of them dating back as far as the 1940s. Converting these publications to digital form started in August 2007 in cooperation with Library staff. The project's duration is estimated for 5–10 years, depending on available resources.

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 continued further development of synergies through the identification of duplication, streamlining, development of mutual tools and consolidation of human resources through Library/INIS cross sectional employment. In 2007, the INIS-Library Federated Search System was developed and implemented for the in-house users. The new system allows users to search across 6 databases: the INIS Bibliographic database, the Library Catalogue, the INIS NCL full-text database, the Waste Management database, the NEA Computer Codes database and subset of Elsevier Journal database.

INIS and the Library in co-operation with the Nuclear Knowledge Management Unit initiated the development of Metadata Extracting & Editing system, which will be implemented in the second half of 2008.

One Library staff member is working 50% as an INIS subject specialist.

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

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

During 2007, 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.
- Promoting INIS during in-house and external IAEA Meetings.

Two articles about INIS were published in the IAEA Bulletin and also 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. 17 requests for promotional material from ILOs in 14 Member States were handled. These included:

Australia, Brazil, Canada, Colombia, France, Ghana, Germany, Ireland, Kenya, Mali, Mexico, Nigeria, Qatar and Turkey.

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

Promotional materials were provided to five in-house conferences and meetings and sixteen external meetings and seminars.

### **H.4. INIS Topical CDs**

The following thematic CD-ROMs were produced in 2006 & 2007 containing INIS-bibliographic records and NCL full-texts related to IAEA conferences and events. Copies are made available to ILOs upon request:



- *International Conference on Clinical PET and Molecular Nuclear Medicine (IPET-2007)* Bangkok, Thailand, 10-14 November 2007
- *Second International Symposium on Nuclear Power Plant Life Management* Shanghai, China, 15-18 October 2007
- *Scientific Forum at the General Conference 2007, Global Challenges and the Development of Atomic Energy: the Next 25 Years* Vienna, Austria, 18-19 September 2007
- *International Symposium on advances in Isotope Hydrology and its Role in Sustainable Water Resources Management: HIS-2007* IAEA, 21-25 May 2007.

## H.5. Activities during 51<sup>st</sup> IAEA General Conference

The INIS and NKM Section participated in an exhibition, as part of the Department of Nuclear Energy's contribution to the 51<sup>st</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 the delegates. The INIS Online Database was demonstrated to interested visitors.

A **Side Event** with the theme of INIS & NKM Section's work in Member States was held during the 51<sup>st</sup> GC.

## H.6. 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:atom1@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

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.

It is planned to implement access to the NSA subset directly from the INIS-Library Federated Search System in 2008.

In 2007, joint activities in the area digital preservation between INIS and OSTI were resumed. INIS provided OSTI with the subset of digitised US NCL reports and the INIS Secretariat received the US electronic reports which can be publicly accessible through the INIS DB. The full digital collection of INIS NCL documents is being prepared to make it available through the ETDE Database.

## **I.2. International Centre of Scientific and Technical Information (ICSTI), Russia**

ICTI and INIS continued the implementation of the IAEA-ICSTI Joint Action Plan signed in 2006 as well as further development of partnership. In 2007, the INIS participated in the ICSTI International Seminar on Scientific and Technological Innovation and the INIS&NKM Section Head visited ICSTI and discussed together with representatives of the Joint Institute for Nuclear Research (JINR) the future cooperation and activities, in particular information exchange, access to organisational information resources and organising joint events such as training seminars and workshops.

In 2007, ICTI provided the INIS Secretariat with access to the ICTI Environmental Database and translated the INIS & NKM News Letter No. 4 into Russian.

## **I.3. 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

25 new or updated computer packages out of a total of 113 were received from non-OECD Members in the year 2007. This is similar than in 2006, when 26 programs had been received out of 105. The contributing countries are shown in Table 14, and the evolution in time on Figure 9.

**Table 14: Non-OECD Members contributing Computer Programs in 2007**

Contributor (non-OECD Member)	Number of programs
Russian Federation	3
Serbia	1
Slovenia	1
South Africa	1
IAEA	19
<b>Total</b>	<b>25</b>

## Distribution

In all, 360 packages out of a total of 3,801 were distributed to 26 non-OECD Member States and the IAEA. This is less than the 2006 year figures of 726 packages out of 5,566.

Table 15 shows the number of programs sent to each non-OECD Member State that placed requests in 2007. They were distributed according to the authorizations received from the originating countries.

**Table 15: Computer Programs dispatched to non-OECD Members in 2007**

Requester (non-OECD Member)	Number of programs
Algeria	7
Argentina	7
Bahrain	1
Belarus	1
Brazil	22
Bulgaria	74
Costa Rica	1
Croatia	3
India	9
Indonesia	2
Israel	5
Lithuania	1
Morocco	11
Peru	1
Poland	70
P.R. of China	4
Qatar	1
Romania	1
Russian Federation	80
Serbia-Montenegro	3
Singapore	2

<b>Requester (non-OECD Member)</b>	<b>Number of programs</b>
Slovenia	23
South Africa	27
Ukraine	1
Viet Nam	1
IAEA	2
<b>Total</b>	<b>360</b>

The number of programs distributed originating to non-OECD members during 2007 was 249, representing a small increase compared to the 210 programs distributed during 2006. Table 16 shows the details. Figure 10 shows the evolution over time of program distribution.

**Table 16: Computer Programs originating in non-OECD Members distributed in 2007**

<b>Originator (non-OECD Member)</b>	<b>Number of Programs</b>
Algeria	1
Argentina	2
Belarus	2
Brazil	2
Bulgaria	1
Croatia	1
Ex East Germany	1
India	1
Israel	2
Pakistan	1
Poland	3
P.R. of China	3
Romania	2
Russian Federation	32
Serbia-Montenegro	9
Slovenia	28
South Africa	93
Syria	3
Ukraine	6
IAEA	56
<b>Total</b>	<b>249</b>

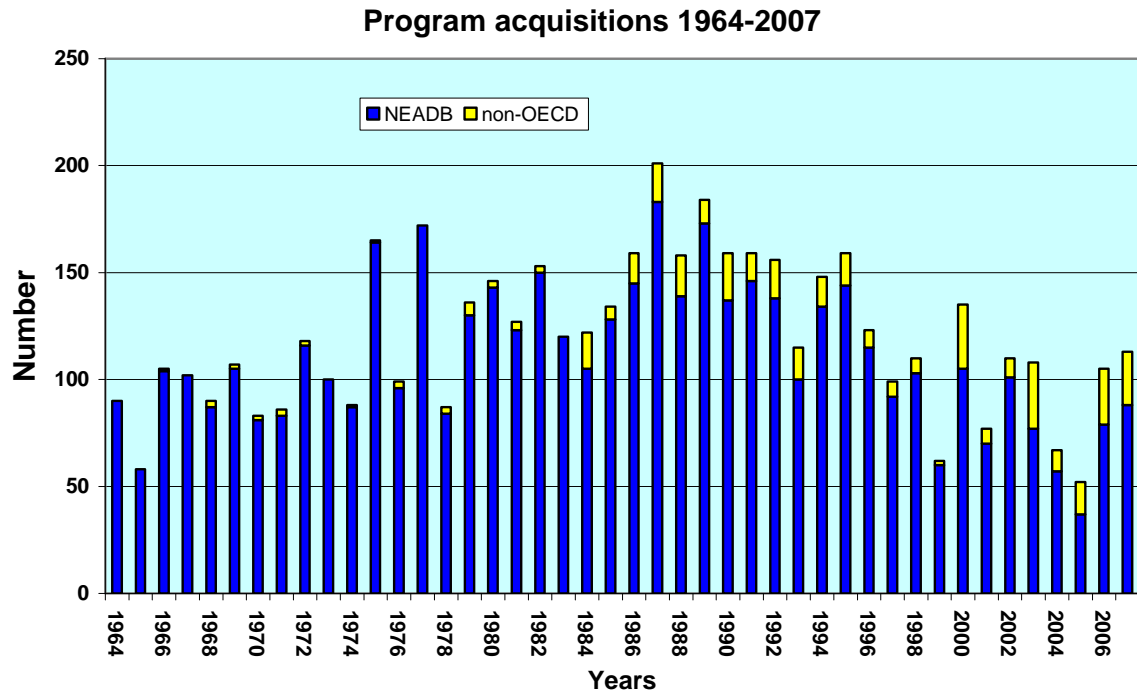


Figure 9: Evolution in time of program acquisition

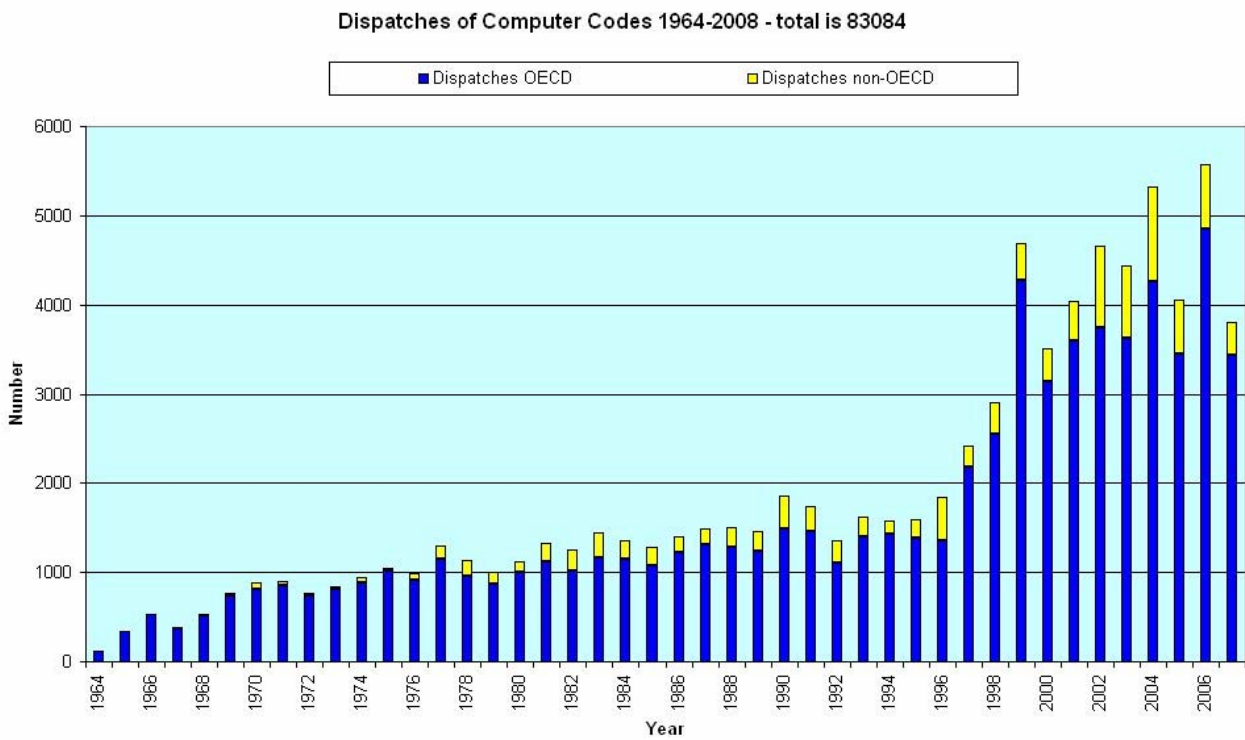


Figure 10: Evolution in time of program distribution

## J. Capacity Building: Technical Cooperation and Training

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

In close cooperation with the IAEA Technical Cooperation Department, the year 2007 saw a significant further increase in the support provided to INIS Member States in establishing and/or reactivating national INIS Centres.

Four new national projects were launched for Burkina Faso, Kenya, Nigeria, and Uzbekistan, while three ongoing TC projects support INIS Centres in Egypt, Tajikistan, and the United Republic of Tanzania, along with the provision of assistance to Qatar to reactivate the National INIS Centre.

**Table 17: IAEA Technical Co-operation Projects**

National Project	Project No.	Title	Status
Tajikistan	TAD/0/002	Establishment of INIS Centre	Completed
Burkina Faso	BKF0004	Establishment of the National Nuclear Information Centre	
Kenya	KEN0009	Establishing an International Nuclear Information System Centre	Ongoing
Niger	NER0005	Establishment of the INIS (International Nuclear Information System) Centre in Nigeria	Ongoing
Uzbekistan	UZB0003	Upgrading the National INIS Centre of Uzbekistan	Ongoing
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

These projects included the provision of equipment training and experts' assistance. These activities were highlighted at the main IAEA web site i.e. IAEA.org under "top Stories."

Meetings were organized with TC scientific visitors at IAEA Headquarters, who provided with information about INIS and its products and services. This included giving presentations and holding meetings to discuss members' needs.

In a spirit of cooperation between INIS Members, fellows from these countries received training in some well-established INIS Centres, such as Belarus, France, India, South Africa and the Syrian Arab Republic.

**The national INIS Centre of India:** Within the framework of the implementation of TC project "Establishing and International Nuclear Information System Centre (KEN0009)" the national INIS Centre of India hosted a four-week training seminar, starting from 19 November 2007, for three fellows from the national INIS Centre of Kenya. Additionally, two fellows from Egypt and one from Tanzania attended.

**The INIS Centre of Belarus** hosted two fellows from the INIS Centre of Uzbekistan, Ms. Goolchehra Salimova and Ms. Feruza Tashimova.

**The national INIS Centre of Syria** hosted two fellows in November 2007, Ms. Mufida Sunni from the INIS Centre of Libya, and Ms. Nodira Khakimova from the INIS Centre of Tajikistan in September 2007.

**INIS Training Course in France from 15-26 October 2007:** The national INIS centre of France at the Commissariat à l'Energie Atomique (CEA) in Gif-sur-Yvette, France hosted a two-week training course for staff members from the national INIS centres of Burkina Faso and Nigeria. This training course covered all

aspects of INIS operation, usage of products and input preparation.

**National Training Course on INIS in Ghana at the School of Nuclear and Allied Sciences-Ghana Atomic Energy Commission, Accra 17-18 December 2007:**The INIS Secretariat, in close co-operation with the IAEA Department of Technical Cooperation (TC) and with the Ghana Atomic Energy Commission, organised this course. The objectives of this national course were to increase the benefits to be derived from INIS in Ghana and to increase national participation. The course provided hands-on training on the use of INIS products and services, and provided information on how INIS information recourses support nuclear research activities and education. Over 30 participants attended the course. These were: end users from the Ghana Atomic Energy Commission, students from the School of Nuclear and Allied Sciences, and other university students and teaching staff, concerned staff and research scientists from the Ministry of Health and from relevant institutions where they have nuclear related applications, information specialists from all these institutes and staff member of the national INIS Centre. The ILO of Ghana, Ms. E.A. Agyeman, lectured on the role of the INIS Centre and the services provided by the national INIS Centre of Ghana, while the ILO of South Africa, Ms. M.J.S. Scheepers trained the participants on the usage of the INIS database and lectured on INIS operation and its products and services.

**During 2007 a total of 30 staff from national INIS Centres received on the job training in different aspects of INIS operation and nuclear information processing, input preparation usage of INIS products, promotion and outreach.**

For the 2009-2011 cycle nine new TC Project Concepts received and evaluated.

## 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. Among others:

- **INIS Online Database (<http://inisdb.iaea.org/>)**  
Several enhancements have been done during 2007. The INIS Database on the Internet became more reliable, user friendly and with better performance. Thousands of full-text journal articles can be accessed directly from the database via digital object identifier (DOI).
- **Informal Communication Network (<https://iniskp.iaea.org/llkp/>)**  
The Informal Communication Network was used in 2007 to discuss the implementation of the 33<sup>rd</sup> ILOM recommendations.
- **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.
- **INIS Data Processing System**  
The current INIS Data Processing System (IDPS) was successfully migrated to new hardware platform.
- **Computer-Assisted Indexing System (CAI)**  
The implementation and continuous tuning of the CAI - Computer-assisted Indexing system has increased the performance of the subject analysis process in the INIS Secretariat significantly. For Member States an automatic “batch processing” mode has been implemented, which allows to pre-process files assigning “suggested descriptors”, which then are reviewed (approved/rejected/amended) by subject specialists in Member States, supporting their performance.

- **Metadata Extraction Tool (MET)**

The creation of the bibliographic records at present is still a completely manual process and the bottleneck in the INIS Database production cycle. To facilitate the data capture a new Metadata Extraction Tool is under development, which will produce an improvement of input quality and performance by avoiding the manual re-typing of data already available in digital form.

- **Multilingual 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), April 2007. 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 is also available on CD-ROM.



## L. 33<sup>rd</sup> ILOM Actions and Recommendations - Status on December 2007

### Session A - INIS Strategic Issues

- 1 - **congratulated** the INIS Secretariat on its work and achievements in 2005 and **approved** the INIS Progress and Activity Report 2005;
- 2 - **appreciated** the efforts of the INIS Secretariat to cover the gap in coverage of core journals, stressed the importance of the allocation of necessary funds to finance this activity, and **encouraged** the INIS Secretariat to consider the resumption of voluntary contribution activities;

#### Action

*54 814 bibliographic records of core journals have been added in the year 2007 to the INIS Database, indexed by subject specialists of the INIS Content Management Group.*

*A pilot project has been initiated in 2007 to resume voluntary contributions from Member States, particularly involving the Latin America and Caribbean Region. The project is aimed at covering the backlog of conferences and introducing them to the INIS DB with their full text. 118 records have been received in 2007 (43 Brazil, 44 Colombia and 31 Peru). In 2008 France joined this activity contributing two conferences with together 709 records in January.*

- 3 - **supported** the idea to conduct a survey of ILOs;

#### Action

*The INIS Liaison Officers survey was conducted and the final report distributed in December 2007*

- 4 - **approved** the INIS Vision and Mission as developed during the INIS Consultants Meeting, but specifically **requested** to reverse the first and second points in the Mission Statement;

#### Action

*Implemented*

- 5 - **recommended** that access to, and harvesting of, Web-based non-INIS nuclear information through effective partnerships should be one of the main strategic directions for INIS;

#### Action

*The INIS&NKM Section initiated the project of creating nuclear Web archive which is planed to be used as a source of non-INIS nuclear information.*

- 6 - **asked** the INIS Secretariat to continue to provide support to the INIS National Centres in conjunction with the IAEA Department of Technical Cooperation;

#### Action

*In close co-operation with the IAEA Technical Co-operation Department the year 2007 had seen a significant increase in the support provided to INIS Member States in establishing and/or reactivating national INIS Centres. Four new national projects were launched, for Burkina Faso, Kenya, Niger, and Uzbekistan, while three ongoing TC projects support INIS Centres in Egypt, Tajikistan and United Republic of Tanzania. And provision of assistance to Qatar to reactivate the National INIS Centre.*

*These projects included staff training, experts' assistance, and provision of equipment. During 2007 a total of 30 staff from national INIS centres received on the job training in different aspects of INIS operation and nuclear information processing, input preparation usage of INIS products, promotion and outreach.*

- 7 - **thanked** the US INIS Centre for making available historical information from the NSA database to INIS users, and the ETDE for providing some INIS Members from non-ETDE countries with access to the ETDE Database;
- 8 - **appreciated** the positive input of ICSTI in terms of reactivating the partnership with the INIS community, particularly in respect of proposals made during the presentation;

**Action**

*The INIS-ICSTI Joint Action Plan has been developed and is being implemented.*

- 9 - **commended** the encouragement of Member States input to the organization of, and contribution to, the meeting and recommended to adopt this method for future ILO meetings;

## **Session B — INIS Database Usage**

- 10 - **stressed** that comprehensiveness and timeliness of the INIS Database, as well as access to full text, are the most important features for end-users;

**Action**

*The acquisition and processing of records of journals from the Institute of Physics Publishing (IOPP), Elsevier Science and American Institute of Physics (AIP) has now become routine. A new agreement for Springer Verlag is in place and the coverage of the backlog of these journals is in progress. Most of these electronic records carry a DOI or URL for the access to the full text. (see also recommendation 2 above)*

- 11 - **asked** the INIS Secretariat to make an in-depth analysis/data mining of INIS Database usage, emphasizing users subject requirements and usage patterns, and to discuss the findings at the Joint INIS/ETDE Technical Committee Meeting in 2007;

**Action**

*In 2007 the INIS Secretariat initiated a special study of the usage of the INIS Database on the Internet. Preliminary results of the analysis were presented at the JTC 2007, and members of the JTC welcomed this activity and strongly supported the continuation of the project to learn about the Database content usage along with other usage aspects. The INIS Secretariat is currently working on the preparation of the relevant RFP, and results will be presented to the ILO's meeting October 2008.*

- 12 - **emphasized** that the INIS subject coverage should match database users' key interests and requirements, and it is also important to identify the gaps in subject coverage;

**Action**

*The INIS Secretariat has initiated the project of the INIS Data Base usage study. It is expected many interesting and important results of this study, in particular information about users' key interests. It is planned to complete the study by the end of September 2008.*

- 13 - **recommended** INIS National Centres to conduct studies of user needs in their countries;

**Action**

*The INIS Secretariat will be sending a letter to the ILO's encouraging them to contact users within their country to learn more about their needs.*

- 14 - **reiterated** the importance of continuing to make the INIS DB on CD/DVD ROM available to INIS Members;

**Action**

*The INIS Database continued to be made available to subscribers on monthly basis. Additionally, at the end of 2007 new enhancement was introduced to this product and that is by making the monthly updates, within few days of its creation, available to INIS Liaison Officers at the IAEA FTP server. This enhancement has been one of major requirement of our subscribers, and the INIS Secretariat received many positive feedbacks from the ILO's.*

- 15 - **agreed** to contact lapsed subscribers within their national boundaries to learn about the reasons for cancelling their subscriptions to the Database, and to inform the INIS Secretariat on their findings. The INIS Secretariat will provide the ILOs with the contact information of those subscribers;

**Action**

*The INIS Secretariat completed checking the subscription records to both the INIS Database on CD-ROM and the INIS Database on internet for the past 10 years, and identified those lapsed subscribers in Members States. Details information was sent to the respective ILO's asking for follow up. Feedback from some ILO's received.*

- 16 - **asked** the INIS Secretariat to prepare a Quick Reference Guide on how to use the INIS Database;

**Action**

*The INIS Secretariat has allocated resource for this guide to be prepared during 2008.*

- 17 - **commended** the enhancements of the INIS DB on CD/DVD-ROM and **asked** the INIS Secretariat to implement the main features developed for the INIS Database on the Internet, in particular access to full text and speedy delivery of the monthly updates;

**Action**

*Early 2007 the INIS Secretariat started the project on the enhancements to the product. However the project was halted due to the development of the new INIS Data Processing System*

*At the end of 2007 new enhancement was introduced to this product and that is by making the monthly updates, within few days of its creation, available to INIS Liaison Officers at the IAEA FTP server. This enhancement has been one of major requirement of our subscribers, and the INIS Secretariat received many positive feedbacks from the ILO's.*

- 18 - **urged** the INIS Secretariat to improve visibility of INIS Database content on the Web;

**Action**

*The INIS Secretariat is planning to conduct this activity in 2008.*

- 19 - **recommended** a review of INIS Database access and charging policy, taking into consideration the fact that complimentary access for universities provides university students with a direct channel to nuclear information resources;

**Action**

*The INIS Database access and charging policy was discussed at the 11<sup>th</sup> INIS-ETDE Joint Technical Committee Meeting and a pilot project of opening free access to the INIS DB was initiated.*

**Session C — Information and Discussion Items**

- 20 - **highlighted** the importance of pro-active participation by INIS Members in Nuclear Knowledge Management activities;

**Action**

*In close cooperation with national INIS Centres, following projects have been successfully completed in 2007: Establishment of a knowledge base on spent fuel storage and management for the RA reactor (IAEA Service Contract: TCP SCG4003-87004A) in Serbia; digital preservation and integration of Sweden's AB Atomenergi (Studsvik) reports to the INIS Database; on-going projects: Knowledge base on spent fuel storage and management for the Serbian RB reactor; Latin American projects: reports of the Mexican Instituto Nacional de Investigaciones Nucleares (ININ); Uranium Resources Collection in Uruguay.*

- 21 - **appreciated** the INIS Secretariat's efforts in digitizing a major part of the INIS NCL collection on microfiche;

**Action**

*To date, about 40 percent of the INIS NCL microfiche collection has been digitized. Searchable full-text documents in PDF are being uploaded to the INIS online database as they become available. Direct online access is provided to electronic full-text respecting INIS Members' access restrictions.*

- 22 - **supported** the continuing work on the digitization of the INIS NCL microfiche collection and the allocation of necessary funds for the timely completion of this project;

**Action**

*The INIS Secretariat will ensure allocation of necessary funds to this project.*

- 23 - **welcomed** the INIS Secretariat's plans to provide each Member State with a copy of their digitized portion of the microfiche collection;

**Action**

*To date, following countries have received the digitized version of their full-text non-conventional literature (NCL) which was converted from microfiche to PDF: Argentina, Brazil (partly), Bulgaria, Canada, China, Denmark, Egypt, Germany (partly), India, Mexico, Poland, Russian Federation (partly), Sweden, Switzerland, Ukraine, United States (partly).*

- 24 - **appreciated** the INIS Secretariat's active involvement in, and commitment to, the digital preservation activities for Member States and the IAEA;

**Session D — INIS promotion and outreach**

- 25 - **commended** the INIS Secretariat for the active support it provides to the ILOs in promoting INIS within their national boundaries;

- 26 - **recommended** that the INIS Secretariat coordinate the preparation of a joint marketing plan for INIS;

**Action**

Basic information was collected during ILOs survey. The special Working Group on the development of a Joint Marketing Plan was established and the group plan is under discussion. The INIS Informal Communication Network will be used for communication.

- 27 - **stressed** the importance of improving visibility of INIS on the Web (e.g. Google), specifically multilingual metadata and links to/from INIS national Web sites;

**Action**

The INIS Secretariat worked closely with national INIS centres to launch their national INIS web sites in different languages and encouraged links to INIS web sites. During 2008 the INIS Secretariat is planning to work further on using the web for improving the visibility.

- 28 - **encouraged** INIS National Centres to use various methods for INIS promotion, including usage of mass media, scientific journals, universities and direct contact with potential users; writing articles about INIS; as well as including information on their organization Web sites about the INIS services provided by the respective INIS National Centres;

**Action**

The INIS Secretariat supported the INIS centres with electronic and printed promotional materials to assist them in this endeavour, and worked closely with those to launch their national INIS web sites in different language sand encouraged links to INIS web sites.

**Session E — Technology Development**

- 29 - **appreciated** the work of the INIS Secretariat and the efforts of the INIS National Centres of China, France, Germany, Russia, Spain and Syria on the translations of the Thesaurus;

**Action**

See pt. 3.0 and 31 below.

- 30 - **congratulated** the INIS Secretariat on the first production of the interactive multilingual INIS Thesaurus, and **appreciated** that it is made available both on CD-ROM and the INIS Members Area, and endorsed its publication on CD-ROM as an official IAEA publication;

**Action**

**INIS: Multilingual Thesaurus Arabic–Chinese–English–French–German–Russian–Spanish**

INIS Reference Series No. 26/CD

IAEA-INIS-26/CD, 2007, ISBN 92-0-102307-3, Arabic-Chinese–English–French–German–Russian–Spanish. 30.00 Euro. Date of Issue: May 2007.

- 31 - **encouraged** the National Centres who have made translations to update their translations on a regular basis in order to keep the multilingual dictionary up-to-date;

**Action**

Translation lists (of new descriptors) have been sent to Member States involved and translations received have been uploaded to the multilingual thesaurus.

- 32 - **endorsed** the printing of the English Thesaurus as ETDE/INIS Joint Reference Series No. 1 (Rev. 2) and **agreed** to publish all other monolingual and multilingual thesaurus versions electronically only;

**Action**

***Joint Thesaurus Part I (A-L) and Part II (M-Z)***

*ETDE/INIS Joint Reference Series No. 1 (Rev. 2)*

*IAEA-ETDE/INIS-1 (Rev. 2), 1221 p., 2007, ISBN 92-0-102207-7, English. 120.00 Euro. Date of Issue: 10 May 2007.*

- 33 - **appreciated** that PDF versions of monolingual and multilingual Thesauri are made available on the Members Area of the INIS&NKM Web site;

**Action**

*The PDF versions of monolingual and multilingual Thesauri on the Members Area of the INIS&NKM Web site are updated as translations are received.*

- 34 - **commended** the INIS Secretariat on progress of further development of the CAI system, and **strongly supported** the development of online access to the IAEA CAI system from INIS National Centres;

**Action**

*In June 2007 the remote access feature to CAI has been set up and implemented. First tests have been performed by France, Germany and ETDE (Germany). In December 2007 given remote access to CAI for online testing has also been given to Brazil, China, Uruguay, Japan, India and Switzerland.*

- 35 - **supported** the continued development of the CAI terminological knowledge base, which could include suggestions by the ETDE community for non-nuclear portions of the thesaurus, thus enhancing the indexing of INIS records in non-nuclear environmental and economic areas.

**Action**

*Comprehensive hidden terms tables for non-nuclear subjects have been received from ETDE and implemented in CAI.*

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