

URAM-2009

**Technical Officer's Experience  
in Supporting TC Projects Implementation**

24 June 2009



**IAEA**

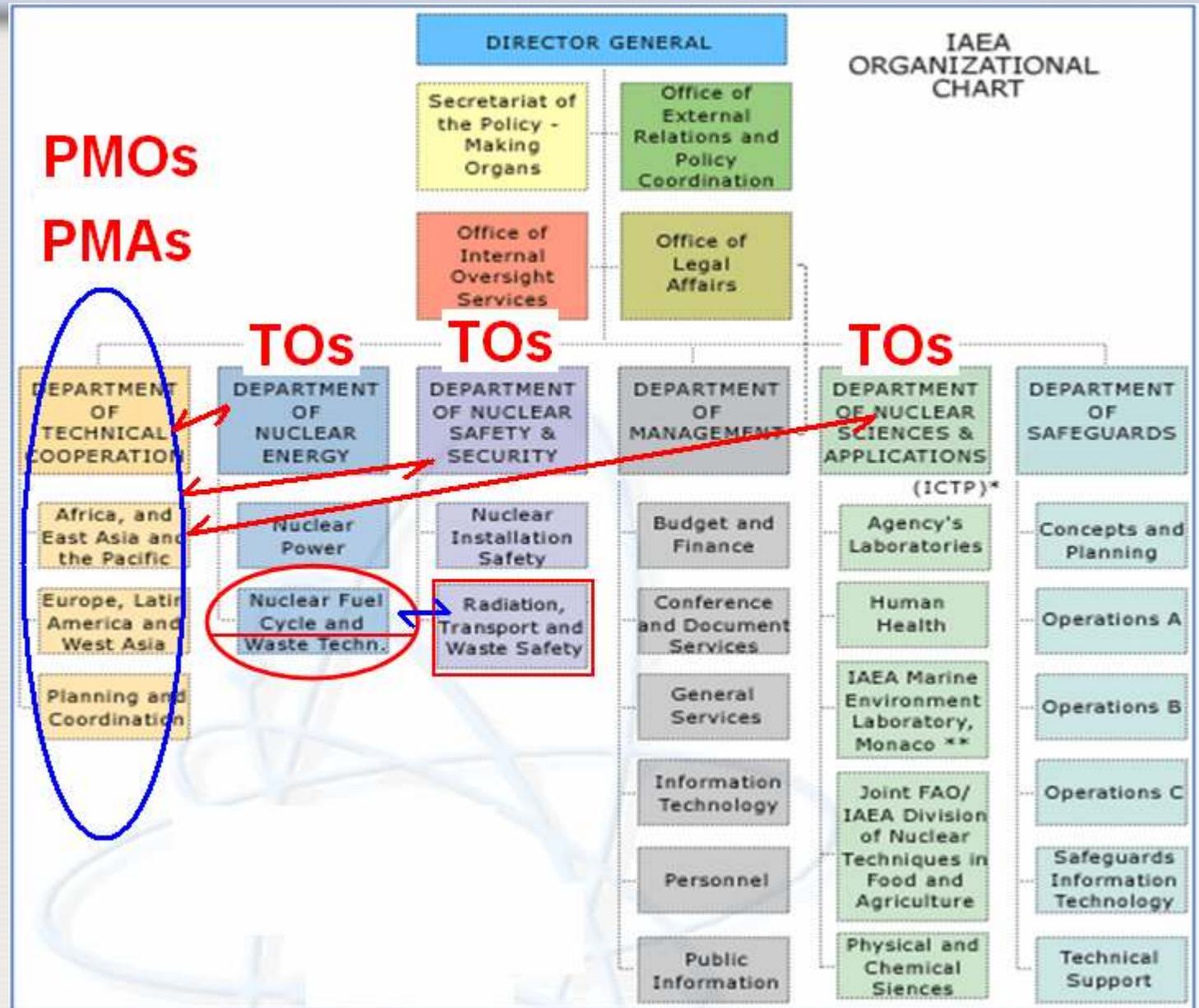
International Atomic Energy Agency

# What is the Agency's mission?

The IAEA is an independent intergovernmental organisation in the United Nations family, that serves as the global focal point for nuclear co-operation. It:

- **assists its Member States in planning for and using nuclear science and technology** ..... and facilitates the transfer of technology and knowledge ....to ... Member States;
- **develops nuclear safety** standards and ..... promotes the achievement and maintenance of high levels of safety in applications ... and ... the protection of human health and the environment against ionizing radiation;
- **verifies** through its inspection system **that States comply with their commitments** ..... only for peaceful purposes.
  
- **Nuclear Energy & Technical Cooperation**  
are not a part of the three pillars  
.....HOWEVER =>

# The IAEA Organisational Chart



# Past TC Training Events

<b>Training events</b>	<b>Year</b>	<b>Host country</b>	<b>Region</b>
Uranium Exploration and Evaluation	1969	Argentina	Latin America
Uranium Ore Analysis	1970	Interregional	Spain
Uranium Exploration and Evaluation	1974	India	Asia
Geochemical prospecting for Uranium	1975	Austria	Interregional
Geochemical prospecting for Uranium	1977	Yugoslavia	Interregional
Uranium Exploration and Evaluation	1978	USA	Interregional
Uranium Exploration Methods	1981	Bolivia	Latin America
Uranium Ore Processing	1981	Yugoslavia	Interregional
Uranium Exploration Methods	1982	Madagascar	Interregional

# Past TC Training Events

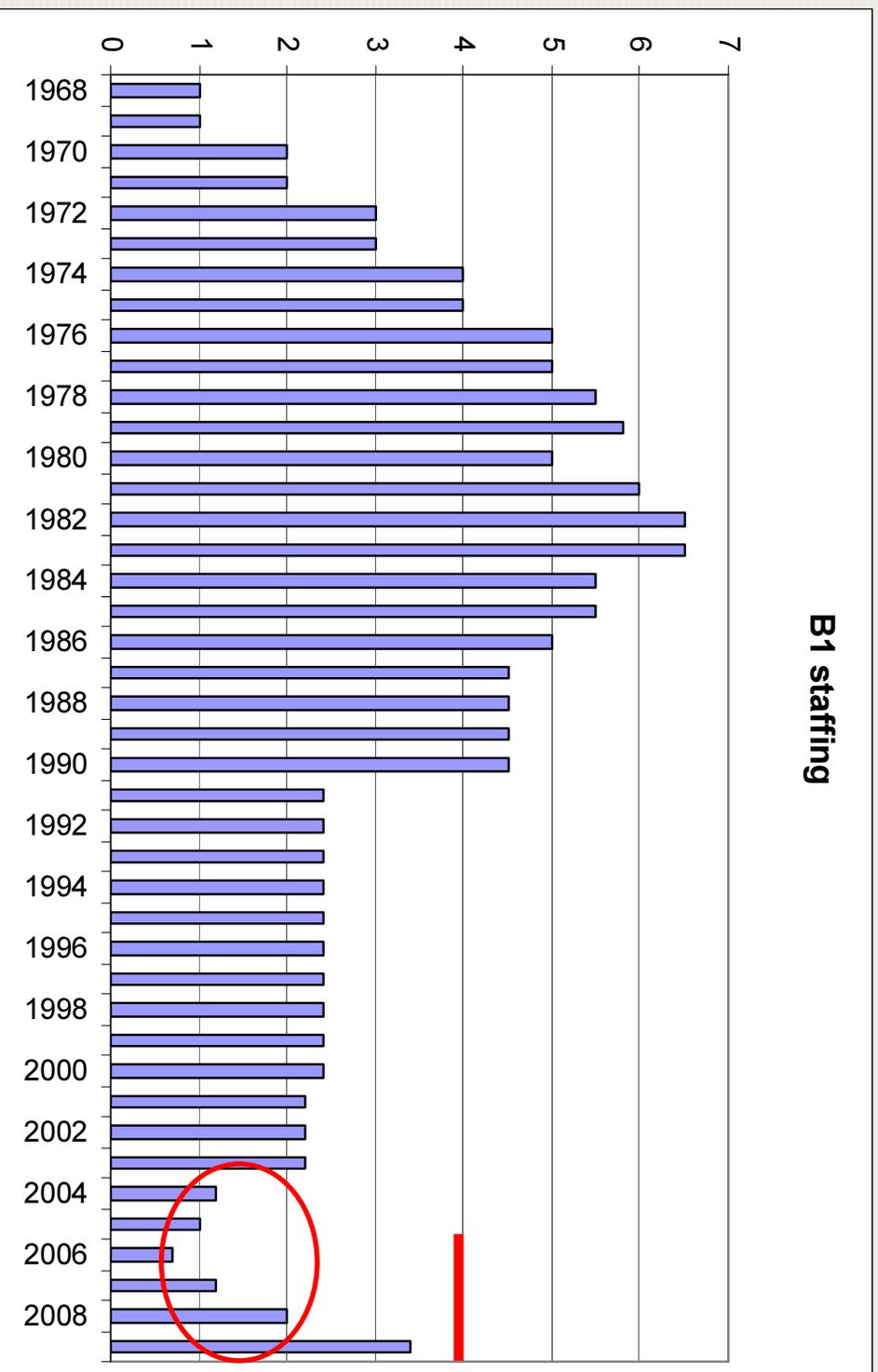
<b>Training events</b>	<b>Year</b>	<b>Host country</b>	<b>Region</b>
Uranium Deposit Evaluation	1983	Yugoslavia	Interregional
Uranium Ore Processing	1983	Spain	Interregional
Processing of Uranium – from Mining to Fuel Fabrication	1984	France	Interregional
Exploration Drilling and Ore reserves Estimation	1985	Brazil	Interregional
Exploration Drilling and Ore reserves Estimation	1991	India	Asia
Computerized databases in Mineral Exploration and Development	1993	Zambia	Africa

# Past TC Training Events

<b>Training events</b>	<b>Year</b>	<b>Host country</b>	<b>Region</b>
Spatial Data Integration for Uranium Exploration, Resource Assessment and Environmental Studies	1993	China	Asia
Uranium Mining: Its Operation, Safety and Environmental Aspects	1995	France	Middle East & Asia
Uranium In Situ Leaching: Its Planning, Operation and Restoration	1998	USA	Interregional
Uranium Geology, Exploration and Environment	1990s	Canada	Interregional

# Past TC - TOs' support possibilities

B1 staffing



# Parties involved in TC Processes

- **IAEA**
  - TC department (Project Management Officer - **PMO**, Project Management Assistant - PMA, other officers)
  - Technical Department (Technical Officer - **TO**)
- **Member State**
  - National Liaison Officer - NLO , National Liaison Officer Assistant - NLA, Project Counterpart - **CP**

# Responsibilities of the Parties

- **IAEA**
  - **ROLE of PMO:** The Programme Management Officer in one of the TC regional divisions is the member of the TC Project Team that **is accountable and has authority for overall management of the TC projects** of one or more countries of that region and for specific regional and interregional projects. The PMO is accountable to the Director of the Regional Division through his Section Head.

# Responsibilities of the Parties

- **IAEA**
  - **ROLE of TO:** The Technical Officer is the member of the TC Project Team that **is accountable and has authority for the technical integrity and quality of the technical and scientific inputs for the assigned TC project(s)**, in their conceptual design, formulation, implementation and monitoring, ensuring that the technology delivered is safe, appropriate and fit for purpose.

# Responsibilities of the Parties

- **IAEA**
  - **ROLE of TO (cont'd):** The TO works closely with and advises the PMO and the CP on technical and scientific matters related to the TC Project. As a member of the project team the TO is accountable to her/his Technical Director and DDG for the technical integrity and quality of their technical input and to the PMO and the DDG-TC for their performance in delivering the agreed outputs and expected results in a timely and efficient manner.



# Services in TC Processes

- **Fellowships and Scientific visits**
- **Experts**
- **Meetings**
- **Training Courses**
- **Procurement**

# Services in TC Processes - TO

- **The role and duties of a TO have been usually very much underestimated. Terms as 'technical advice and input' say a little about actual TO's work, who in fact is**
  - **managing the project,**
  - **finding and coaching the experts,**
  - **specifying and organizing expert missions and workshops,**

## Services in TC Processes – TO (cont'd)

- **working on visits of national consultants and scientific visits,**
- **writing terms of reference/statements of work for procurement/subcontracts,**
- **performing technical evaluation of tenders, managing the projects dealing with subcontracts,**
- **coaching the counterparts, etc.**

## Services in TC Processes – TO (cont'd)

- Based on the list of real TO's duties and activities, one will never estimate in a realistic manner the workload and staff needed for a reasonable number of projects for one TO that can be **implemented in a**

**QUALITY MANNER**

# Software for managing TC Processes

PCMF > Home - Microsoft Internet Explorer provided by IAEA

http://pcmf.iaea.org/Default.aspx?tabid=36

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PCMF > Home

IAEA International Atomic Energy Agency TC Programme Cycle Management Framework (PCMF)

Home My Actions My Concepts My Designs My Projects Help Logout Slezak, Jan TO

## New Project Categories

The TC programme now has two project categories: **new** and **ongoing**. These categories are defined as follows:

**New projects** are created:

- To support a new request for assistance;
- To start a new phase following the implementation of a previous project, due to change in the objective/outcomes in relation to the assistance already provided.

An **ongoing** project is a multiyear project, previously approved by the Board of Governors (BoG) that is implemented according to the already approved objective/outcomes and timeframe.

The new project categorization terminology will be used for the first time in the documentation presented to the Technical Assistance and Cooperation Committee (TACC)/BoG in November 2008.

### Duration

All projects have a specified timeframe, in line with the stated objectives and workplan, of a maximum of five years. If rephasing is necessary due to delays in implementation, the project duration can be extended by up to one year, maintaining the original objective/outcomes.

### A streamlined approach to projects

- A new project is approved once by the TACC/BoG. This approval covers the entire lifecycle of the project.
- Project budgets for each year are approved annually by the TACC/BoG.
- Project budgets for ongoing projects can be adjusted, in accordance with the delegated authority limits for budget revision, through the Budget Revision module in the internal TC PRIME system.

More details on the transition arrangements are posted under the 'Help' tab.

**21 May 2008**

## PHASE II FOR PCMF

### Next steps in the preparation of the IAEA 2009-2011 technical cooperation programmes

Counterparts in Member States have the opportunity to design their projects, based on the pre-qualified project concepts. The project design components include background information to the project and a Logical Framework Matrix (LFM) for the project. Please follow [Guidelines for the Design of the IAEA 2009-2011 TC programmes](#) carefully in designing your projects. There are several documents under the 'Help' tab of the PCMF web site to provide support on all aspects of the design process. The draft project designs should be completed and submitted to the Secretariat by **15 March 2008**. The Secretariat requests the cooperation of Member States in meeting the submission deadline so that the preparations for the 2009-2011 TC programme can be made in a timely manner. Once Member States have completed their draft project designs they will be able to work with the Secretariat to finalize and agree on all the design components. The finalized project designs will be reviewed by the Secretariat, and compiled into draft Member State programmes, which will be shared for final adjustments during the 52nd session of the IAEA General Conference from 29 September to 3 October 2008.

**6 February 2008**  
**Concept Document Upload**

### How to Login to PCMF?

#### Template Downloads

(as Word 97 doc or above)

**National**  
Project Concept Form  
[English](#) | [French](#) | [Spanish](#)

**Regional**  
Project Concept Form  
[English](#) | [French](#) | [Spanish](#)

**Interregional**  
[English](#)

#### Guidance for completion of forms

- National
- Regional

#### Useful Documents

- Timeframe for the Preparation of the TC Programme 2009-2011
- Guidelines for the Design of the TC Programme 2009-2011
- Responsibility & Authority for the PCMF
- Policy for Interregional Branches
- OPF Operational Guidelines

#### Note Verbale 5 April 2007

- English
- Spanish
- French
- Russian
- Arabic



# Software for managing TC Processes

My Projects - Microsoft Internet Explorer provided by IAEA

http://pcmf.iaea.org/Default.aspx?tabid=63

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My Projects

**IAEA** International Atomic Energy Agency **TC Programme Cycle Management Framework (PCMF)**

Home My Actions My Concepts My Designs My Projects Help Logout

[Show Completed And Cancelled Projects](#)

**Ongoing Projects**

Project Number	In Team	Type	Title	Start Date
<b>Algeria (1)</b>				
ALG3006 [ALG2007004]		New	<a href="#">Supporting Uranium Ore Processing and Purification of Concentrates</a>	2009-02-13
<b>Argentina (2)</b>				
ARG3012 [ARG2005003]		Ongoing	<a href="#">Geology Favourability, Production Feasibility and Environmental Impact Assessment of Uranium Deposits to be Exploited using In Situ Leaching Technology</a>	2007-01-01
ARG3014 [ARG2008001]		New	<a href="#">Assessing the Geology Favourability, Production Feasibility and Environmental Impact of the Exploitation of Uranium Deposits Using In Situ Leaching Technology (Phase II)</a>	2009-02-26
<b>Brazil (1)</b>				
BRA3013 [BRA2007003]		New	<a href="#">Providing Practical Guidance for the Implementation of a Decommissioning and Remediation Plan for the Minas Gerais Uranium Mining and Milling Production Centre</a>	2009-01-01
<b>China (3)</b>				
CPR3009 [CPR2005002]		Ongoing	<a href="#">Study of the Key Problems in Prospecting for Sandstone-Type Uranium Deposits and their Amenability to In-Situ Leach (ISL) Mining in the Basins in Northern China</a>	2007-01-15
CPR3011 [CPR2007006]		New	<a href="#">Optimizing Uranium Exploration in both Sedimentary and Volcanic Basins</a>	
CPR4032 [CPR2008003]		New	<a href="#">Enhancing the Capabilities of National Institutions Supporting Nuclear Power Development</a>	2009-02-20
<b>Egypt (2)</b>				
EGY3018 [EGY2005013]		Ongoing	<a href="#">Airborne and Ground Gamma-Ray Spectrometry for Radio-element Mapping for Environmental Purposes and for Exploration of Uranium Resources</a>	2007-01-29
EGY3019 [EGY2007013]		New	<a href="#">Evaluating Selected Uranium Resources and Producing and Purifying Yellow Cake</a>	2009-02-19



# Software for managing TC Processes

My Projects - Microsoft Internet Explorer provided by IAEA

http://projbase.org/Default.aspx?shid=01&navProject=4010&navItems=611&nav=Open

File Edit View Favorites Tools Help

My Projects

 **IAEA**  
International Atomic Energy Agency

## TC Programme Cycle Management Framework (PCMF)

Home My Actions My Concepts My Designs My Projects Help Logout

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### Formulations

**Background (VEN3007)**

- Logical Framework Matrix
  - Project Elements
  - Assumptions
  - Indicators
- Generate LIM
- Generate Workplan (Text)
- Generate Workplan (GANTT)
- Generate Project In Word
- \$ Project Budget

### Project Implementation Team

[Show Team](#)

Core Team	Country	Role	Rank
Support Team	Section	Role	Rank

View Institutions

View Project Team Emails

[Email Project Implementation Team](#)

If the details shown above are incorrect please email [TC.Project.Team@iaea.org](mailto:TC.Project.Team@iaea.org) with the correct information.

### Background

[Export to Excel](#)

Concept No:	VEN/000/000
Country Code(s):	VLN
Title:	Estimating Available Uranium Resources
Classification:	New
Project Number:	VEN3007

**Justification:**

The geological conditions and records of uranium exploration show that uranium mining may be possible in Venezuela. For the time being, it is unknown whether there are adequate uranium reserves for excavation. World demand for uranium is increasing, and the current supply satisfies only 60% of needs. Uranium exploration in Venezuela was abandoned 20 years ago but, due to current events, steps need to be taken to obtain an alternative source of energy. Hydroelectric power supplies 70% of Venezuela's electricity; therefore, any climate change affecting the level of the Guaiquer dam would have serious consequences to its power generation capabilities.

**End Users/ Beneficiaries:**

Beneficiaries of the project are the Government, who will obtain new information enabling it to improve land management, schedule exploration campaigns, and to plan utilization of energy reserves other than oil and hydroelectricity. Benefits of the project will include the creation of jobs, development in mining, and economic improvements in the population surrounding future mining prospects.

**Project Strategy/ Implementation**

The strategy of the project will involve coordination with Government institutions related to the field, formation of a team of trained professionals, enhancement of the existing laboratory infrastructures by the acquisition of equipment, collection and centralization of existing uranium exploration data, review of existing anomalies, and generation of new information by detailed exploration of known anomalies.



# Software for managing TC Processes

The screenshot shows a web browser window with the following elements:

- Address Bar:** <http://www.twc.iaea.org/tcpride/MainFrameset.asp?PageName=SelectProjectMenu.asp>
- Menu Bar:** File, Edit, View, Favorites, Tools, Help
- Left Sidebar (Main Menu):**
  - TCPRIDE MAIN MENU**
  - Project selection**
  - Reports**
    - Financial Reports
    - Fellowship Pyramid Report
    - Evaluation Reports
  - Lists**
    - National Liaison Officers
    - National Liaison Assistants
    - National Coordinators
  - Who am I?**
  - [TC-PRIDE Home](#)
  - [TC Web Home Page](#)
  - [TC Country Profile](#)
- Main Content Area:**
  - Project selection** (yellow header)
  - Last visited projects:
  - Select projects by:
    - [Country](#)
    - [Region](#)
    - [Regional/Cooperative Agreement](#)
    - [Programme Management Officer](#)
    - [Technical Officer](#)
    - [Dept/Div/Section/Technical Officer](#)
    - [Extrabudgetary Fund](#)
    - [Programme Reserve Approval](#)
    - [Field of Activity](#)
    - [Agency Project Code \(APC\)](#)
    - Project Number
  - Search projects by:
    - [Project Title and Descriptions](#)
- Footer:**

This application has been developed by IAEA-TCPCS  Please send your comments or corrections to [TCPCS](#)  
This page was automatically created on 2009-06-23, 15:54:21

# Software for managing TC Processes

TCPRIME > Home - Microsoft Internet Explorer provided by IAEA

http://www.tci.iaea.org/tcprime/Default.aspx?tabid=36

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TCPRIME > Home

## TCPRIME

Home Procurement Fellowships Experts & Meetings Training Course Staff Travel Budget Revisions Project Management Reporting & Closure

TCPRIME

TC Country Profile

TC Web Site

TC Ref Desk

PCMF

Institution Roster Search

### Project Workplan Module Released on 2008-08-13

TC Information Systems Section is pleased to announce the release of the Project Workplan Module in TCPRIME. The Workplan module provides a single view into the project elements starting from output and implementation. This is the same work plan which can be seen in the PCMF My Projects tab (Not the My design tab). **You can access the Workplan Management Tab.**

Please see a step by step demo [here](#).

The following main features were implemented:

- Workplan" displays the work plan in a hierarchical grid with batch/individual update, filter (component, year, funding etc) and expand/collapse
- LFM Tree" provides a graphical hierarchy of the project Logical Framework Matrix starting from the objectives to the inputs.
- Gantt Chart" provides a schedule of the work plan of a project or across projects.
- Status Summary" now has the work plan inputs integrated with the implementation activities.

As decided by the DDG-TC the capacity to update workplans through the use of the project management module also includes TC PMCs and PMAAs and their updates are a responsibility of the PMOs.

Initially, two presentations of the Project Workplan module have been scheduled as outlined below.

Date	Time	Venue
<b>Monday, 18 August</b>	<b>10:00--11:00</b>	<b>B1144</b>
<b>Tuesday, 19 August</b>	<b>15:00--16:00</b>	<b>B1144</b>

Additional presentations may be arranged by sending email to [TCPRIME.Contact-Point@iaea.org](mailto:TCPRIME.Contact-Point@iaea.org)

We hope this release will contribute to improving the quality of the TC project work plans.



# IAEA Technical Cooperation

**Subprogramme 1.2.1: Uranium Resources and Production, Databases for the Nuclear Fuel Cycle**

**supports Technical Cooperation projects within the area of**

**Uranium Production Cycle**



# IAEA TC Meetings & Training Events

- TC (RLA 3006) Training Course on **Remediation after Uranium Production**, 3-7 November 2008, Buenos Aires, Argentina
- TC (RLA 3006) Meeting on **Uranium Exploration, Mining, Production, Mine Remediation including Environmental Issues**, 24 - 28 November 2008, Salvador, Brazil
- TC (RLA 3006) Training Course on **Environmental management Systems in Uranium Mining and Processing**, 1-5 December 2008, Lima, Peru

# IAEA TC Meetings & Training Events

- TC (RAF 3007) Meeting on coordination of the project, 23 – 27 March 2009, Maputo, Mozambique
- TC (RAF 3007) Training Course **on Infrastructure for Uranium Mining and Processing**, 17-21 August 2009, Swakopmund, Namibia
- TC (RLA 3006) Training Course **on Uranium Geology and Exploration**, 28 September – 9 October 2009, Pocos de Caldas, Brazil
- TC (RLA 3006) Meeting on **Project coordination**, 7-11 December 2009, Lima, Peru

# Ongoing TC Projects

<b>Country/Region</b>	<b>Title of the Technical Cooperation Project</b>
Argentina	Geology Favourability, Production Feasibility and Environmental Impact Assessment of Uranium Deposits to be Exploited using In Situ Leaching Technology
China	Study of the Key Problems in Prospecting for Sandstone-Type Uranium Deposits and their Amenability to In-Situ Leach (ISL) Mining in the Basins in Northern China
Egypt	Airborne and Ground Gamma-Ray Spectrometry for Radio-element Mapping for Environmental Purposes and for Exploration of Uranium Resources
Pakistan	Uranium geochemistry, mineralogy and host rock uranium deposit description
Regional Latin America	Regional Upgrading of Uranium Exploration, Exploitation and Yellowcake Production Techniques taking Environmental Problems into Account

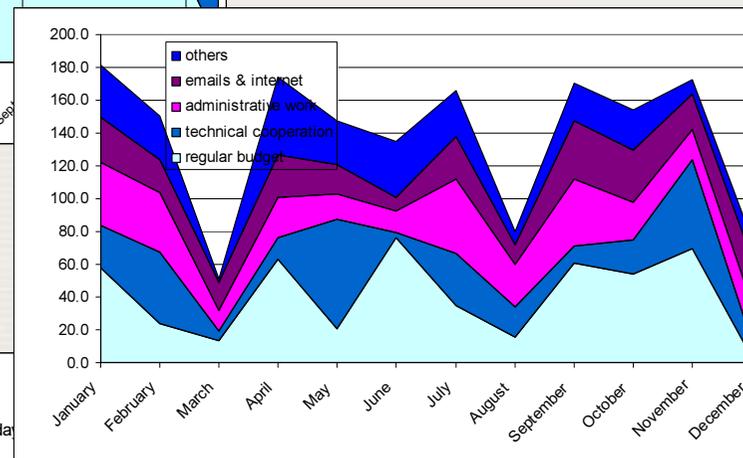
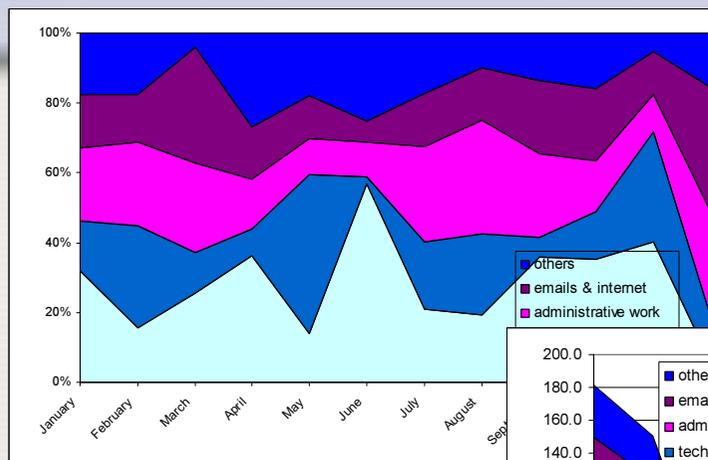
# Starting TC Projects

<b>Country/Region</b>	<b>Title of the Technical Cooperation Project</b>
Algeria	Contribution to the development of activities for the processing of Algerian ores and purification of uranium concentrates
Brazil	Practical guidance tools for nuclear safety analysis of remediation and decommissioning actions of the first uranium ore mining and milling facility in Brazil
China	Techniques And Methods For Optimization Of Uranium Exploration in Both Sedimentary and Volcanic Basins
China	Integrated assistance to institutions supporting nuclear power programme
Egypt	Evaluation of some selected uranium resources in Egypt and production and purification of the yellow cake
Jordan	Uranium exploration
Jordan	Uranium extraction
Regional Africa	Strengthening regional capabilities for uranium mining, milling and regulation of related activities
Venezuela	Exploración de los recursos uraníferos de Venezuela

# Time Spent on TC in 2008

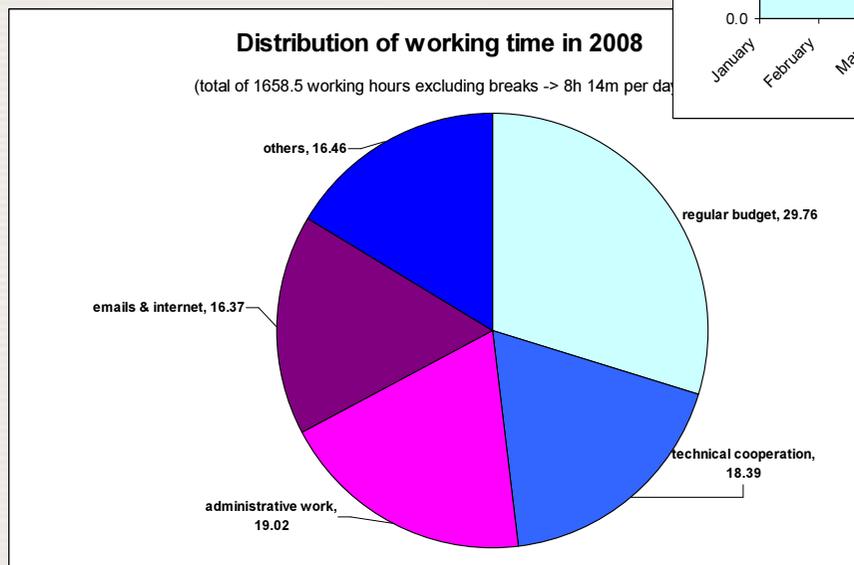
2008

item	hours		
regular budget	493.5	29.76	%
<b>technical cooperation</b>	<b>305.0</b>	<b>18.39</b>	<b>%</b>
administrative work	315.5	19.02	%
emails & internet	271.5	16.37	%
others	273.0	16.46	%
<b>total</b>	<b>1658.5</b>	<b>100.00</b>	<b>%</b>



working days 201.5

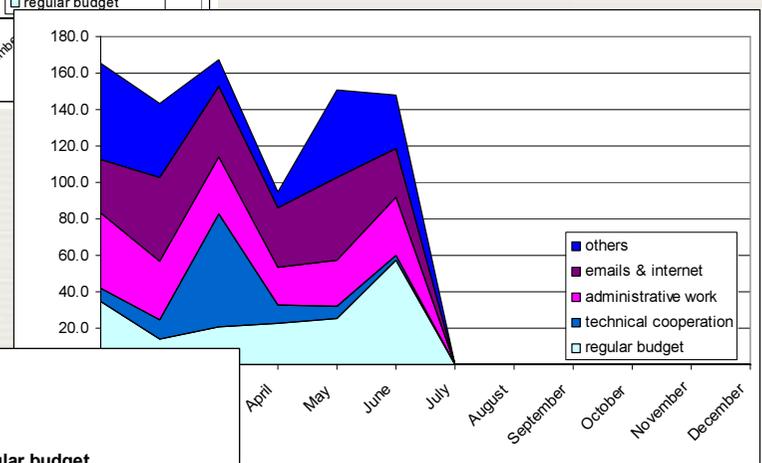
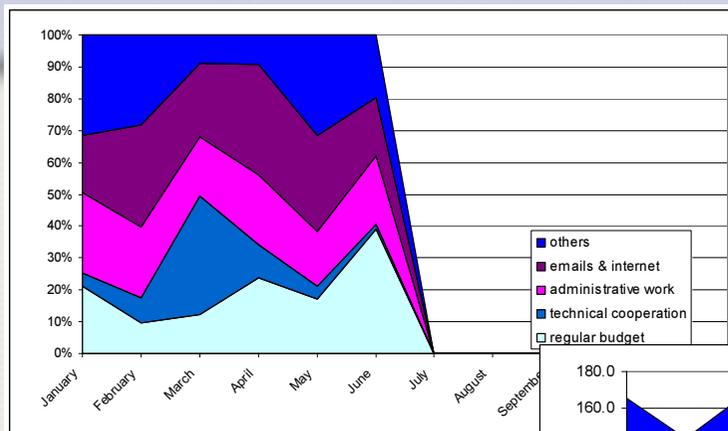
hours/day 8.23



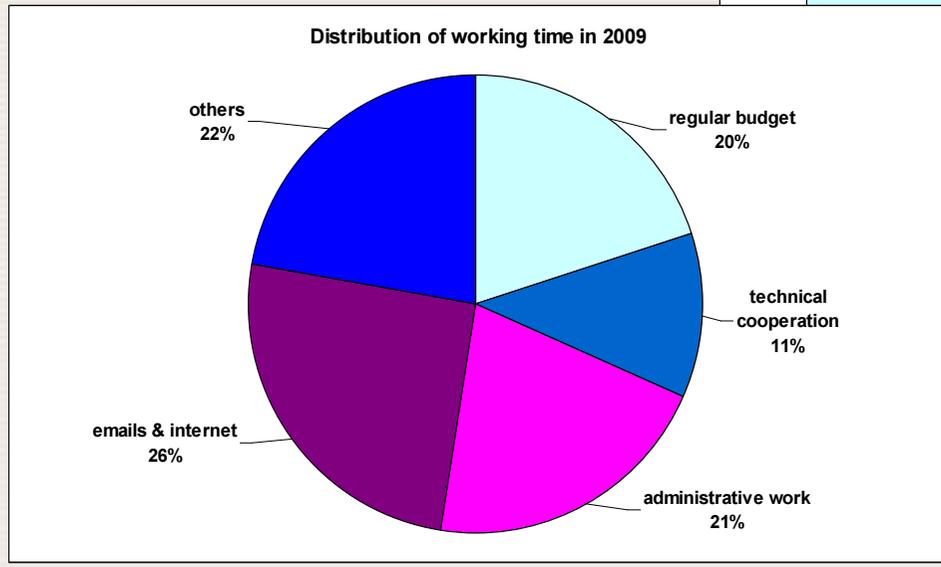
# Time Spent on TC in 2009

2009

item	hours		
regular budget	175.0	20.11	%
<b>technical cooperation</b>	<b>99.5</b>	<b>11.44</b>	<b>%</b>
administrative work	183.0	21.03	%
emails & internet	219.0	25.17	%
others	193.5	22.24	%
<b>total</b>	<b>870.0</b>	<b>100.00</b>	<b>%</b>



working days 105.5  
hours/day 8.25



# Time Spent on TC in 2008 vs. 2009

2008			
item	hours		
regular budget	493.5	29.76	%
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administrative work	315.5	19.02	%
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others	273.0	16.46	%
<b>total</b>	<b>1658.5</b>	<b>100.00</b>	<b>%</b>
working days	201.5		
hours/day	<b>8.23</b>		

2009			
item	hours		
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working days	105.5		
hours/day	<b>8.25</b>		

# THANK YOU FOR YOUR ATTENTION

**Jan Slezak, Uranium Resource Specialist**

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