



## HEADLINES

### WiN GLOBAL STRATEGIC PLAN ISSUED FOR REVIEW

In February, the very first WiN Strategic Plan was distributed to WiN Board Members and Country Contacts for review and discussed extensively during the Board Meeting in Edinburgh. The Strategic Plan was developed to enable members, as individuals and collectively as Chapters, to meet the vision, mission, goals and objectives of WiN.

The 2009 WiN Strategic Plan is organized around four Elements:

- Organization
- Benefits
- Development
- Communication

As the plan moves towards completion and approval the text of the plan will be enhanced if needed to ensure consistent understanding. Full development of the elements will occur as a result of the implementation of the plan throughout WiN.

The **Organization** Element will address the Structure and Requirements of the organization including Membership, Processes and Sustainability aspects of WiN. To fully realise the benefits of WiN the **Benefits** element must clearly illustrate the value of membership to both members and stakeholders. Benefits are a result of a common set of values and consistent conduct that enhances members both personally and professionally and contribute to enhance the quality of life for both members and non-members. To be effective WiN members need to have a working knowledge of or be proficient in WiN and industry initiatives in the following areas:

- Education and Training
- Knowledge management
- Networking
- Mentoring
- Chapter patronage

The **Development** element will work to equip WiNners to be effective in all of these areas. Of critical importance is **Communication**. The members of WiN must be credible, knowledgeable, and engaged in communicating on nuclear technologies. Building trust is one of the

cornerstones of what we have to achieve, both in WiN and in the wider nuclear industry. Messages form the foundation for the creation of trust and must be compelling, consistent, constant and credible. The messages of WiN must be delivered in open and honest communication from a human perspective. Effective communication is a balanced integration of emotion and reason in informing people by people on three different levels:

- the level of ethical values and emotions
- the technical and scientific level
- the economical level

The Strategic Plan defines a series of short, medium, and long term goals and actions focused on the four elements. In the long term the elements of this strategic plan will establish a clearly defined framework for governance and sustainable growth of the worldwide WiN organization. Upon full implementation, the Plan will enable members to act with a common purpose and more specifically to communicate effectively and consistently with internal and external stakeholders and public audiences across borders, gender, and cultures.

Actions for plan implementation and periodic reviews, including plan management and measurement metrics are defined in the text. These include:

- a. Performance and Accountability: 90% participation of Executives and 75% participation of Board members for all votes, conference calls and meetings.
- b. Growth and Recognition: Chapters established or members in 90% of the countries with a nuclear power plant or university nuclear program.
- c. Development: Establishment of a WiN mentoring program and conference attendance scholarship.

The WiN President and Executives are responsible for the Strategic Plan including yearly reviews of the plan effectiveness against objectives and providing a formal report to the Board and WiN Membership.

WiNners are encouraged to discuss the Plan within their Chapters. A vote of acceptance of the Plan by Board members or comments to be addressed is due to the WiN President by Tuesday March 31, 2009.

If you need a copy of the Plan or have any questions please contact the Strategic Planning Committee Chair Irene Aegerter, Switzerland.

## WiN GLOBAL 2009 17<sup>TH</sup> ANNUAL CONFERENCE



***“Enhancing our World through Nuclear Technology”***

U.S. Women in Nuclear is pleased to host WiN Global in Washington DC, the U.S. capital, for the 2009 combined U.S. WIN and WiN Global Conference, July 20-24. The conference venue is the Grand Hyatt Washington in the heart of the U.S. capital.

Plenary sessions being offered include:

- Perspectives on Nuclear Technology
- Ensuring Nuclear Safety around the World – Regulating the Industry
- Ensuring Nuclear Safety around the World – Securing Nuclear Materials and Technology
- Managing Nuclear Risks

Technical tours of Peach Bottom, Calvert Cliffs, North Anna, and Three-Mile Island Nuclear Power Plants and the Nuclear Regulatory Commission’s Operations Center will be offered along with cultural activities and tours.

Breakout sessions will cover a range of technical topics and professional development opportunities. WiN Global Chapter representatives will report on their activities. There are several opportunities for WiN Global members to have an active role in the conference events. Executives, Board and Country Contacts have been requested to provide a projected count of attendees from their chapters to support the WiN Global Performance metrics of 90% Executive and 75% Board participation.

Registration is open at:

<https://register.nei.org/conferences/winglobalregistrationform.asp>

For more information contact the U.S. WIN Representative to WiN Global, Carrie Phillips (chphilli@southernco.com).



The members of U.S. WIN look forward to welcoming you to Washington, July 20-24.

## 2009 WiN AWARD

The selection process for the 2009 WiN Award is underway. To be considered as a viable candidate, a nominee must have demonstrated excellence in one or more of the following areas:

**Communications:** by communicating clearly and without bias about the many applications of nuclear and radiation related technologies

**Education:** by working with students, teachers and school programs

**Leadership:** by upholding the WiN goals and growing the WIN organization

**Mentoring:** by supporting students, new employees and others seeking professional growth in nuclear and radiation related technologies

WiN members and non-members who meet the criteria except for active President, Executive, and Board members are eligible to be nominated.

Merely to be nominated by your peers is a significant accomplishment. WiNners are known to be very selective in those they permit to represent the organization. The standards for the WiN Award are exceptionally high.

There were many nominations submitted for the 2009 Award, all of whom are exceptional and deserving of recognition. The WiN President and Executives have prepared a final slate of candidates from the submitted nominations. Information on the final candidates has been provided to the WiN Board and Country Contacts for Chapter discussions and the difficult task of casting a vote for a single recipient.

The 2009 WiN Award recipient will be honored during the WiN Conference in Washington D.C. USA in July. If you have any questions on the 2009 WiN Award please contact your Chapter Board Member or Country Contact, the WiN President, or the WiN Secretariat.



## WHAT'S NEW?

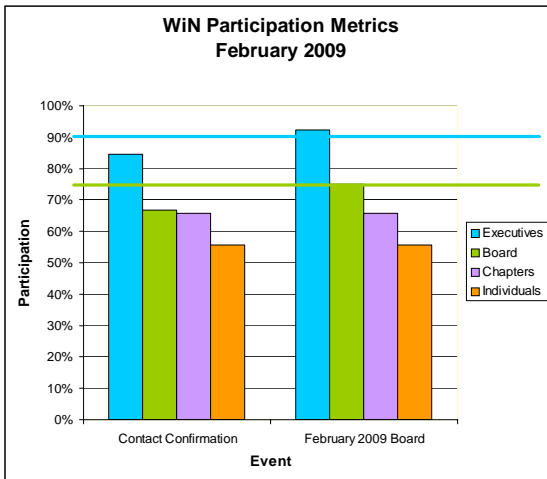
### PERFORMANCE METRICS

The WiN Executives, as noted in the December WiNFO, established participation measurements for the WiN Leadership of 90% for the Executives and 75% for the Board. Participation includes meetings, conference calls, votes, and requests for information or other similar items. These measures are based on the following criteria:

- Direct participation
- Participation of a previously identified alternate
- Providing inputs on agenda items prior to the meeting

The WiN President will determine items to consider in tracking and publish the results on a regular basis. These items should align with WiN strategic goals.

The following summary was reported during the February Board meeting.



Congratulations to all WiNners for working so hard to meet the stated goals.

If you have any questions, comments, or would like more information please contact the WiN President, Cheryl Boggess.

### CONNECTED

WiN members are constantly on the move. If you are a WiN member and are not getting regular information from your Board Member, Country Contact, or other source please contact the WiN Secretariat, Isis Stafford (Stafford@world-nuclear.org). Networking is the life flow of our WiN organization and all members need to be connected to the pipeline.

### GOING GREEN?

Reminder that WiN is collecting information on member company activities to support the environment. Send information to the WiN Global President or WNA WiN Secretariat.

### 1<sup>ST</sup> 2009 WiN BOARD MEETING

The WiN Global Board met in February 2009 concurrent with the ENS PIME conference. The meeting was well supported and participation achieved all performance metrics.



Key items discussed during the meeting included 2008 accomplishments, administrative activities and website updates, developing WiN Position Papers, the 2009 WiN Award, the 2009 WiN Conference, Messaging Committee activities, and a detailed presentation on the WiN Strategic Plan.



WiN also conducted a workshop on communicating with the public,  $E=mc^2$ , Engaging the public with a message that connects and communicates, during the PIME conference. The workshop received an 80% positive approval rating from PIME attendees.

It was not all work for these dedicated WiNners, they did find some time to do some sight-seeing together-



and enjoy the PIME event - especially during the PIME Gala Dinner.



A complete set of minutes have been provided to all Board members and Country contacts. Please contact them directly or Isis Stafford, WNA WiN Secretariat for additional information on the Board meeting.



## THE WORLD OF WIN

### WiN IAEA

On Monday, 9 March 2009, International Women's Day 2009 was celebrated at the Vienna International Centre under the motto "Women and Climate Change". Within the framework of this event, newly elected WiN IAEA President Eva Gyane introduced WiN to the wider public. She talked about the organization and activities of WiN Global, the geographical distribution of its membership and the benefits WiN brings to its members. She also mentioned the Strategic Plan that will strengthen WiN Global and enhance the benefits of WiN to its members. Eva then spoke about the WiN IAEA Chapter, which was founded in 1998 with Dr. Hans Blix, the former IAEA Director General, as one of the founding members.

WiN IAEA currently has about 20 members and the Chapter is in the process of revival. It is planned to hold regular meetings, to offer professional support and networking opportunities and to organize lectures and various outreach activities. The WiN IAEA Chapter will utilize to the maximum extent synergies with the Vienna Chapters of other organizations such as Women in International Security (WIIS), the American Nuclear Society (ANS) or the Institute of Nuclear Materials Management (INMM).

The advantages to the IAEA of a strong WiN IAEA Chapter will be the access to a pool of qualified personnel working in various nuclear fields for IAEA recruitment, the chance to reach out to women in developing countries and the opportunity to further increase the percentage of female professionals at the IAEA. After the presentation several persons expressed their interest in joining WiN and it is hoped that this event will contribute towards a strengthened WiN IAEA Chapter.



For more information on WiN IAEA activities please contact Eva Gyane, WiN IAEA Chapter President.

### WiN BULGARIA

On 5th February 2009, Women in Nuclear – the Bulgarian branch of Women in Nuclear Global organized a round-table discussion in Kozloduy "Nuclear Energy in the Hands of Youth". The focus of the discussion was on young people.



More than 82 people - from 4 countries including Bulgaria, Romania, Hungary and Slovakia, plus 11 organizations and three schools from the town of Kozloduy took part in the event. WiNners, Higher Education institutions professors, representatives from the schools in Kozloduy and members of the youth section of the organization participated in the discussion. The special guests at the event were Ludmilla Kiss-Zoltan (WiN Hungary), Marianna Manchikova (WiN Slovakia) and Minadora Apostol (WiN Romania). Included in their visit was a site tour of Kozloduy Nuclear Power Plant and a meeting with the management.

During the 4-hour round-table discussions 8 presentations were delivered which gave rise to brisk discussions about the way young people could be attracted to support the development of nuclear power engineering. The participants came to the conclusion that it is necessary to inform students in an appropriate way about the advantages of nuclear technologies for electricity generation as early as school age. The representatives of higher education emphasized the role that could be played by the career centers initiated by the companies employing nuclear power engineering specialists.

In conclusion the 82 participants signed a special memorandum with the main conclusions from the discussion. The document was submitted to Mr. Ivan Grizanov – member of the Energy Commission at the Bulgarian Parliament on 6<sup>th</sup> February 2009 at the annual meeting of WiN-Bulgaria in Sofia. Some of the decisions included in the memorandum are:

- To continue the active work of WiN – Bulgaria focused on young people in order to improve their competence level in nuclear power industry and the advantages of nuclear power;
- WiN - Bulgaria is going to work with the coming generation to reveal and show the Nuclear Power Plant as a:
  - safe, reliable, secure, socially beneficial generating and supplying clean energy;
  - perspective employer;
  - reliable partner.

- Nuclear industry can become an attractive area for professional realization of young people by the joint activities of governmental and non-governmental institutions and organizations and business companies;
- It is necessary to develop a general strategy about the work with the students;
- The cooperation between WiN and the schools is to be extended and a program has to be developed with activities organized for job orientation like “Days of different professions”, mobile workshops, visiting schools for special classes, etc. with a view of attracting students at a younger age for nuclear power engineering professions.
- To improve the interaction between companies using nuclear power engineering specialists and the educational institutions;
- WiN will continue the joint activities with all organizations supporting the cause for restarting Kozloduy NPP Units 3 and 4.

A review of the activities implemented in the course of the last year and the plans for this year were made at the meeting.

For more information please contact Katja Minkova.

## WIN FRANCE

### PARTICIPATION IN THE 3RD FORUM OF SCIENTIFIC CAREERS AIX EN PROVENCE

On the 17th and 21st November 2008 WiN France participated in the Forum of Scientific Professions organised by the Association « LUNES ET L'AUTRES » at the Natural History Museum in Aix en Provence. The objective of this forum was to respond to the questions and expectations of 260 high school students from the third year (15 yrs) to the Final year (18 yrs).

This communication campaign was led by women engineers in scientific areas (where girls count for less than 30% of the personnel) who spoke of their professions, motivating the young people to consider careers in these fields.

Throughout both days, the dialogue with the students brought to light an evident lack of knowledge of the nuclear field. To their minds, the nuclear field has the image of a high risk environment, abstract and unattractive. Many of them are not aware of the final application of the technologies – even for the production of energy.

Thanks to this Forum, WiN France was able to work on the attractiveness of the nuclear and energy sectors, talking of the equality of opportunities for both women and men, but above all it permitted the WiN France representatives to communicate real, factual messages about Nuclear.

For additional information please contact Anne-Marie Corinne QUIBEL, Employment and Professional Action Commission, WiN France

## UPCOMING EVENT IN BURGUNDY



Nabuo Tanaka, Executive Director International Energy Agency (IEA) will inaugurate the “International Nuclear Academy” in Dijon, on 3 April 2009: “What Energetic Future Over the World, by 2030?”

The “International Nuclear Academy” is a founding of the Burgundy Nuclear Partnership (Pôle Nucléaire de Bourgogne (<http://www.polenucleairebourgogne.fr/>), an industrial cluster of companies (AREVA, VALLOUREC, and others), research centers (CEA), education training institutions, concentrating the complete capacity for engineering and design, manufacturing, control and maintenance for nuclear energy production.

The IEA is an intergovernmental organization which acts as an energy policy advisor to 28 member countries Australia, Austria, Belgium, Canada, Czech republic, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Japan, Republic of Korea, Luxembourg, The Netherlands; New Zealand, Norway, Poland, Portugal, Slovak Republic, Spain, Sweden, Switzerland, Turkey, United Kingdom, United States. The focus of their efforts is to ensure reliable, affordable and clean energy for their citizens. With a staff of around 190, mainly energy experts and statistics professionals from its member countries, the IEA conducts a broad program of energy research, data compilation, publications and public dissemination of the latest energy policy analysis and recommendations on good practices

A new opportunity and place to share international skills and expertise in the nuclear energy area.

For additional information please contact Anne-Marie Goube ([am.goube@wanadoo.fr](mailto:am.goube@wanadoo.fr)) WiN-France Board,

## WIN JAPAN

### VISITS THE USS NUCLEAR-POWERED AIRCRAFT CARRIER GEORGE WASHINGTON

WIN-Japan visited the U.S. navy base in Yokosuka for a technical tour including a ship tour of the nuclear-powered aircraft carrier George Washington (GW) on March 4, 2009. It is the first nuclear-powered aircraft carrier deployed in Japan, September 2008, replacing the USS Kitty Hawk, a conventionally-powered ship. This raised some vague concerns in the local public that this deployment could lead to nuclear accidents in the future. A nuclear-powered carrier was not familiar to the Japanese at all. Our interests were what a nuclear-powered carrier is and how safe it is.

It was a rainy day in the plum blossoms season, and 30 members of WIN-Japan attended the tour. Mr. J.P. Niemeyer, who is the Political Advisor, Japan Liaison Office, Commander, U.S. Naval Forces, Japan, and who has lived in Japan for many years, took the members to the tour of GW and served as an interpreter speaking fluent Japanese in his friendly manner.

The USS GW was moored at Berth 12, which is at one end of the base. It was commissioned in 1992, and is very huge with two pressurized light water nuclear reactors. No nuclear weapons are loaded in respect to Japan's Three Non-Nuclear Principles that "Japan shall neither possess nor manufacture nuclear weapons, nor shall it permit their introduction into Japanese territory."

The members were honorably welcomed by Rear Admiral K.M. Donegan, Commander, Battle Force 7<sup>th</sup> Fleet, and Commander, Carrier Strike Group Five, who kindly joined the group for photo-taking. Captain D.C. Grieco, USS GW Executive Officer, guided the group for the ship tour of GW, from the hangar through the bridge, the flight deck, shop, and the CO (Commanding Officer)'s in-port cabin. Captain Grieco emphasized their philosophy for the public relations that they disclose the information without hiding, in relation to the safety, and accept such tours as ours as many as possible.

Fortunately, we saw the monitoring boat "Kinugasa" of Japan Coast Guard from the bridge. They carry out radiation monitoring and conduct the water sampling every day while the GW is moored. Mr. T.J. Murphy, Director, Radiological Controls, Yokosuka Detachment, said that both the Japanese and U.S. sides conduct the environmental radiation programs. In addition to those sampling and monitoring, there are ten monitoring posts on/off the base and their measurement data are available on the web site. Airborne and seaborne radiation is both monitored. Mr. Murphy is a health physicist and moved to Yokosuka one and a half years ago in order to establish the environmental monitoring program for GW on the U.S. side. Their sincere endeavor to establish the mutual understanding and beneficial relationship between the U.S. and Japanese local public was impressive for us.

The catapult system attracted the ladies' strong interests. It assists the aircraft to accelerate from 0 to 160 miles/hour in two seconds for a successful launch. It consists of a track built into the flight deck, below which a large piston or shuttle attached through the track is the nose gear of the aircraft. High-pressure steam, pressurized by the heat of the reactors, provides the four catapults with driving power. This steam is obtained by heating the fresh, clean water produced from the sea water. GW can produce 400,000 gallons of clean water from the sea water per day. This capability contributed to the tsunami and earthquake victims providing the freshwater. The two reactors meet the demand of all the energy needs of the carrier operations.

Dr. J. Gist, Senior Naval Reactors Representative (NRR), Yokosuka Naval Sea Systems Command (NAVSEA-08), Mr. Murphy and Mr. Niemeyer escorted the group for the ship tour, and Mr. B.M. Moyers, NACCC Program Manager, Commander Submarine Group Seven, joined the group for the lunch and briefing, answering a variety of questions during the tour. The safety issue in case of an accident occurrence at the nuclear reactors onboard the carrier was another interest of the members. It was also discussed eagerly during the entire tour.

It seems extremely unlikely that radioactivity would be released from the reactor core into the environment. More importantly, the safety of 5,000 crewmembers onboard GW must be assured. A nuclear-powered carrier is designed based on a "four barriers" concept in order to keep radioactivity inside the ship. These barriers are the fuel (solid metal) itself, the all-welded reactor primary system including the reactor pressure vessel containing the fuel, the reactor compartment, and the ship's hull.

Commercial power plants have similar barriers. There are a number of features to maintain safety, and it is difficult to describe all of them here. However, the members realized that there were many similarities in the safety system and the public communications experiences between a nuclear-powered carrier and a commercial power plant. Mr. Moyers and Dr. Gist suggested that this occasion should be the starting of the collaboration based on these information exchanges about the experiences of public relations. Ms. J. Ogawa, President of WIN-Japan, was pleased and agreed to their suggestion.

In the final briefing, Mr. Niemeyer explained the security issues in the Asia Pacific region, and the status and the importance of the U.S.-Japan security alliance. At the end of the tour, we had another active discussion time and concluded the tour one hour later than scheduled. Ms. Ogawa expressed appreciation on behalf of the group. The members were very impressed with the sincere efforts of each of the personnel we met on this day, for building mutual trust between them and the local public. We left the base with gratitude and our hope to see them again in the future.

WIN-Japan also appreciated Mr. M. Wada and Ms. Imaizumi for their wonderful coordination of this tour.



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## WiN KOREA

### The Inauguration of a New WiN-Korea President



Dr. Se-Moon Park

WiN-Korea was established in 2000. Dr. Sung-Woon Hong had lead Win-Korea through 9 years of growth since the establishment of WiN-Korea. In the 2008 general meeting Dr. Se-Moon PARK, who had been a vice president, was elected as the new president. The new group of leaders' term of office is from March 2009 to February 2011. The

new President, Dr. Se-Moon PARK is a geologist, currently researching on geological characteristics and earthquake safety on nuclear power site as a senior manager and project leader in Korea Hydro & Nuclear Power Co. As one of her first actions, Dr. Park organized a new steering committee to prepare for the 2010 WiN Global meeting which will be held in Busan, Korea. The former president, Dr. Sung-Woon Hong will continue to be active contributing and providing wise advice on WiN activities as an honorary chair-person. Dr. Hong will continue as the WiN-Korea Board Member of WiN-Global.

## WiN ROMANIA

WiN Romania is pleased to inform you that the 9th International Symposium on Nuclear Energy-SIEN 2009, will be held from October 12-16 in Bucharest, Romania.

The objective of the symposium is to debate the role and challenges of Nuclear Energy in the context of the enlarged European Union. All the experts and representatives of the main organizations and institutions involved in the development of nuclear projects are invited to participate in the symposium. SIEN'09 is also open to research officers and students interested in scientific issues of Nuclear Energy. Information will be posted on [www.aren.ro](http://www.aren.ro) as it is finalized.

For additional information please contact Mihaela Stiopol ([mstiopol@nuclearelectrica.ro](mailto:mstiopol@nuclearelectrica.ro)) WiN Romania Global Board Member and General Secretary "Nuclear Energy" Romanian Association.

## WiN GERMANY

The first General Meeting of WiN Germany was held in Berlin, February 4<sup>th</sup>, 2009. 22 of the 66 WiN Germany members attended the session.

The most important topic was that WiN Germany can now fully perform the functions it is set up for. The charter was approved and the various working groups presented a summary of their achievements since the organization's formation in November 2008. WiN Germany Working Groups were

established mainly dealing in Communication (public appearance and image), Conferences, Internet, Networking, Education & Training, Charter & Structure. The office of WiN Germany is registered in central Berlin.

During this first meeting the election of the first President of WiN Germany was conducted. Beate Scheffler (Nukem) will serve as the very first President of WiN

Germany. In addition, Maja Geisler is Press Relations Officer. Furthermore the following Board Members have been confirmed by vote (WGL is working group leader):

Yvonne Broy	Sponsoring Agent
Marika Didonaki	Budgetary Controller
Christiane Papp	WGL: "Communication"
Birgit Felgenhauer	WGL: "Education & Training"
Ariane Remmert	WGL: "Internet"
Beate Scheffler	WGL: "Conferences"
Maja Geisler	WGL: "Charter & Structure"
Dr. Ingeborg Hagenlocher	WGL: "Networking"

Especially during 2009 with its election to the German Bundestag and a lot of state parliament elections it is very important to have another source with expertise in the energy discussion that raises the voice for nuclear power. Politics will supposedly decide if the German phase-out policy will be continued or if the operational time of German nuclear power plants will be prolonged. WiN Germany can contribute by means of a transparent communication with well-founded expertise and a particular female perspective and alignment. WiN Germany aims at helping to provide a balanced contribution to problem identification and solution finding.

It is WiN German's main intention to provide a network of committed women working in the wide field of nuclear technology. A special focus will also be laid on providing information and career advancement to girls and women interested in the branch.

If you would like more information please contact Maja Geisler ([geisler@women-in-nuclear.de](mailto:geisler@women-in-nuclear.de)) WiN Germany Press Relations Officer.

## WiN SWEDEN IS ON THE MOVE

### WiN SWEDEN VISITS THE EUROPEAN PARLIAMENT

In September 2008, fifteen WiNners from Sweden travelled to Brussels to gain an insight into how the EU and its institutions work. During the two days in Brussels, the WiNners found out more about what



Beate Scheffler

the expression "internal market" meant and how different utilities, organisations, companies and institutions can influence policy decisions. The message was clear: if you don't have a place in Brussels, you have no say! This is why Vattenfall, one of the Swedish utilities, has had an office there since 1990.

The study visit was arranged by Christina Tapper, a Swedish lawyer and WiN member, who has worked for Vattenfall European Affairs in Brussels since its establishment almost 20 years ago. Since then, Vattenfall has been playing an active role on nuclear technology and waste management issues at the EU level. Vattenfall has two full-time employees and two part-time employees in Brussels and its offices are within walking distance from the European Parliament.

A number of talks were held during the visit. Nina Commeau, a WiN member and French lawyer within the energy sector, who has been working on energy issues for the last 21 years, gave the WiNners an informative and personal briefing on activities in Brussels. Nina pointed out that it is not easy for 27 different countries to find a common platform for the energy issue. National cultures and wills are strong and everyone has their own standpoint. The debate on energy has dramatically increased over the last five years, largely due to climate change, and nuclear discussions occupy an important part of the EU's energy forum.

Hans Korteweg, who works for the lobbying organisation, European Atomic Forum (Foratom) in Brussels, emphasized that today's most important work is to gain acceptance for nuclear as a low carbon energy source. Korteweg commented that many countries are now positive to nuclear power including those who traditionally had been strong opponents. 17 national organisations, including about 800 companies are today represented in Foratom.

Last but not least, the Swedish WiNners sampled Belgian cuisines toured the European Parliament and were treated to a morning of sightseeing in the city of Brussels before heading back to Sweden.



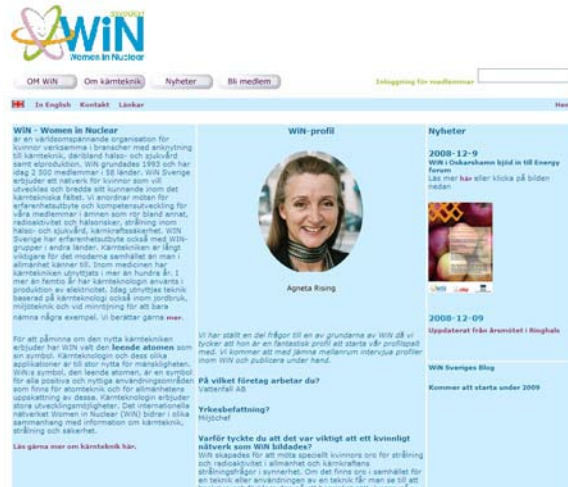
WiN SWEDEN HAS LAUNCHED A NEW WEB SITE

On November 7<sup>th</sup> WiN Sweden launched a new web site with the new profile that WiN Global decided on earlier this year. WiN Sweden has adapted the

logotype with the smiling atom and the colors from the logotype are used in the layout.

The web site will be a place for the members to share information and ideas and most of the pages will only be accessible via a password. As before, the web site has information about what WiN is and does which is directed to the general public.

The web site will be developed continuously.



## WiN SWEDEN'S ANNUAL MEETING

Some 40 WiNners from around the country met at the Ringhals Nuclear Power Plant on November 13 and 14 for WiN Sweden's annual meeting and conference.

All of the Swedish nuclear power plants were represented at the meeting. Representatives from other parts of the industry, Vattenfall, E.ON, the Swedish Nuclear Fuel and Waste Management Co (SKB), the Nuclear Safety Training Center (KSU), Nordic Nuclear Insurers and Studsvik also attended the event. Participants enjoyed a varied and stimulating program of activities. The keynote speaker was the well-known Swedish meteorologist, Madeleine Westin, who gave an entertaining and educational introduction to climate change. Vattenfall's Stina Rydberg briefed participants on the Carbon Capture and Storage project underway at Vattenfall's facilities in Germany and Denmark and Björn Wilsson gave the participants an informative insight into a major I&C modernization project at Ringhals. During the conference, there was also time for a much-appreciated survey of the role of female scientists in the development of nuclear technology, delivered by Professor Imre Pázsit from the Chalmers Institute of Technology in Gothenburg, and co-author of a book on the subject.

Agneta Rising, Environmental Director of the Vattenfall Group and co-founder of WiN, rounded off the conference program with a retrospective on the history of WiN. This was a sentimental moment for some of the "older" WiN members in the audience, particularly when Agneta showed photographs of well-known faces and recounted anecdotes of what it

was like to be a WiNner in the pioneering days. Commenting on the importance of nuclear power to the advancement of women, Agneta said, "Nuclear power has been particularly valuable for us women. Electricity from nuclear power plants has been vital in driving development and improving the health and wellbeing of society in industrialized countries. Nuclear power has benefited women and facilitated our development in terms of education, career and quality of life. Women in the developing world face many of the same challenges today. Access to electricity is necessary for progress. And, nuclear power also has a very good environmental track record".



During the annual meeting, a new WiN Sweden board was elected for 2008-2009. The members are:

Monica Bowen-Schrire, President  
 Malin Löwe, Secretary  
 Agneta Gannå-Lundgren  
 Eva-Lena Lindgren  
 Marguerite Nilsson  
 Hannah Brorsson  
 Gabriela Bejarano  
 Maria Taranger

If you have any questions, comments, or would like more information please contact the WiN Sweden President Monica Bowen-Schrire.

### WiN SWITZERLAND MEETING AND DISCUSSION ABOUT THE FUTURE OF NUCLEAR ENERGY IN SWITZERLAND

On October 27th nearly 70% of all members of WiN Switzerland gathered in Böttstein for a visit of "Axporama", [www.axporama.ch](http://www.axporama.ch) an exhibition about all aspects of electricity production. Also participating was the WiN Global President, Cheryl Boggess, as a special guest of the meeting while on her way to attend a meeting of the WiN Strategic Planning Committee. The "Life with Energy" interactive exhibition, which is open to the public, contains various interactive experiments that educate the public on the different options for power generation. WiN members attending the meeting tried to secure a balanced electricity production versus demand by playing with the display that illustrates the different sources of electricity. The goal illustrated in the display is to integrated energy

sources including solar, wind, nuclear, and hydro to sustain a stable energy supply system. The task was not easy as you can see in the photo.



The exhibition also has videos about the safety features of 3rd and 4th generation nuclear power plants which were a welcome break after all the hard work of meeting energy demands.



In the second part of the meeting WiNners welcomed Dr. Manfred Thumann, the CEO of the biggest Swiss utility, Nord-Ostschweizerische Kraftwerke (NOK). Dr. Thumann is also President of "Resun", a company founded to hand in bids for the replacement of the three oldest nuclear plants in Switzerland. These plants include Beznau 1 and 2, in operation since 1969 and 1972, and Mühleberg, since 1971. The intensive discussion with Dr. Thumann centered on the future of nuclear energy in Switzerland and how to gain public acceptance for replacing the "old" (or existing) nuclear power plants.

The voters in Switzerland, after four nuclear power referenda (1979, 1984, 1990, 2003) will once again be voting on nuclear. This vote will address building the plants to replace the old ones. Current projections are to replace the existing units by one, two or three new plants. In December 2008 "Resun" announced projects for two new nuclear power plants. In June 2008, Atel, the parent company of the Goesgen Nuclear Power Plant, submitted an application for a second Goesgen Plant. The Federal Government will now examine the applications and it is projected that a vote will occur sometime around 2012.

One of the concerns of the attending WiNners was the number of projected projects. Current surveys indicate there is no majority of the Swiss for new nuclear plants, whereas the replacement for aging units gets a majority. If nuclear power is to play an important role in the energy future of Switzerland – the WiNners choice – a lot of effort is needed to win the support of the public, especially women, to accept nuclear! WiN Switzerland will be fully engaged in communicating with the people of Switzerland on the benefits of nuclear power generation in meeting energy demands.

If you have any questions, comments, or would like more information please contact the WiN Switzerland President Irene Aegerter.

### WiN FINLAND

Finland's Energy Channel hosts the 13th Radiating Women Seminar. This year the topic of the annual seminar held in Helsinki March 17th is Energy and Climate. The speakers focus is on The National Climate and Energy Strategy, wind power and the national power system and the forest industry's perspectives on the use of biomass.

The seminar is a well respected and anticipated occasion. It gathers about 60-80 decision making women with various backgrounds to discuss and exchange ideas on energy and radiation related issues. Every other year the seminar topic deals with the use of radiation such as medical applications, research and others. The following year there will be an energy related topic.



The Energy Channel has found the seminars very useful and fun. The aim has always been to reach out and hear what women of various ages, educational levels and professional backgrounds think about nuclear and radiation issues.

The Energy Channel converts the seminar presentations into an annual Radiating Women newspaper. The newspaper is distributed widely. Those receiving a copy include the women members in the Finnish Parliament.

The past ten years have been very busy for the women (and men) working in the nuclear field in Finland. TVO's FIN5 project was launched in the turn of the millennium. Currently there are three applications for a decision in principle to build new

nuclear. Decision in principle is a Government decision that needs to be ratified by the parliament in order for the industry to build a new nuclear facility. The decisions are expected in 2010.

### WiN CANADA



The 6<sup>th</sup> Annual WiN-Canada conference, held in Ottawa prior to the Canadian Nuclear Association conference, saw record attendance of one hundred and forty-seven delegates. WiN-Canada members spent a full day putting together all the puzzle pieces of the nuclear industry on Wednesday, February 25, 2009.

A series of mini-sessions, presented by the talented women in our industry, covered the entire fuel cycle from mining the uranium through to storage of the spent fuel. Glenna Carr, Chair of the Atomic Energy of Canada Ltd. Board, opened the conference by sharing personal anecdotes from her own career journey and offered career advice. Dr. Jeremy Whitlock provided context for the day by presenting a whirlwind one-hundred year history of our industry.

The Honourable Lisa Raitt, Minister of Natural Resources Canada, motivated the luncheon attendees with a very humorous and inspirational look at her own personal career journey and talked of her support for WiN and her positive thoughts on the Canadian nuclear industry. Minister Raitt was quick to point out that three of the top positions in the industry are held by women, herself as Minister of Natural Resources Canada; Cassie Doyle as Deputy Minister of Natural Resources; and Glenna Carr, Chair of the AECL Board.

The afternoon closed with some professional development sessions on how to tell your own story, Ontario Power Generation's mentoring program for women and an upbeat and inspirational guest speaker, Adele Alfano, who discussed how to achieve work-life balance.

The technical tours, held the day prior to the conference, visiting Atomic Energy of Canada Limited, Chalk River Laboratories; MDS Nordion and GE/Hitachi Nuclear Energy Canada and NuTech Precision Metals Inc., provided delegates with a first-hand learning experience around isotope production,

radioisotope and radiopharmaceutical production, pressure tube and tubing fabrication. All presentations, supplementary papers and pictures are now loaded on to the WiN-Canada website at [www.wincanada.org](http://www.wincanada.org).

For more information about this article or WiN-Canada visit the website or contact Cheryl Cottrill.

### U.S. WIN REGION II 2009 CONFERENCE

U.S. WIN Region II under the leadership of Southern Nuclear lined up a winning slate of presenters for the 2009 Region II Conference. The theme of the Savannah conference, Future Focused and Set for Success, reflected the engagement of the 90-plus attendees from across the south-eastern quarter of the U.S. industry. Co-Hosted by Dominion the three-day event, provided opportunities for members to meet and mingle with peers and presenters.

The conference kicked off with a reception at the Savannah Marriott on January 28 and continued with a great complement of speakers from Dominion, Areva, the Savannah River Site and Southern Nuclear. Featured speakers included Executive Vice President Jeff Gasser, Vogtle Vice President Tom Tynan, Farley Plant Manager Cheri Collins and Vogtle Deployment Director Dale Lloyd.

Of special interest to attendees was, Hannah Simone, Senior Director of Political Affairs for the Nuclear Energy Institute and NRC Region II Administrator Luis Reyes. Ms. Simone discussed the impact of the new Obama administration on nuclear development and Mr. Reyes presented a regulator's perspective on the reactor oversight process. According to Public Affairs manager and conference organizer Carrie Phillips "The participants truly appreciated the opportunity to hear Southern Nuclear's perspective on industry issues. I want to thank our leadership for recognizing the value of WIN and for presenting timely, relevant information of benefit to all WIN members."

For information please contact Carrie Phillips, U.S. WIN Region II and U.S. WiN Global Board Representative.

### WIN SOUTH AFRICA, WiNSA

WiNSA has been very active adding new chapters, celebrating successful meetings, and planning for future activities.

WiNSA welcomed their newest chapter Westinghouse South Africa (WiN-WE-SA) in 2008. WiN-WE-SA, with 25 members, is the 6<sup>th</sup> WiNSA chapter and is showing great initiative and drive in the WiNSA community, WiNSA is proud to have them on board.

### WiNSA HOSTS MOTIVATIONAL BREAKFAST

WiNSA hosted a motivational breakfast information session in March 2009. Dr. Kathryn (Kate) Jackson; Vice-president Strategy, Research and Technology at Westinghouse Electric Company; addressed the audience on Innovation in Nuclear. The nuclear renaissance and current recession provided an interesting and provoking background to the presentation. Attendants described Kate as a passionate and dynamic speaker, who enthralled the room with her experiences as a female executive in the energy sector.

Many of the questions posed by WiNSA members were on the application of innovation and sustaining a professional and enthusiastic workforce, as well as succeeding as a woman in the corporate environment. Quoting the words of Judith M. Bardwick who said "When people are more successful than they had imagined, nothing is ever achieved without giving something up.", WiNSA members heard from an executive, mother and wife who had applied an innovative solution to bring success and achievement to both personal and business spheres.

In her presentation, Dr. Jackson encouraged greater innovation and creativity in the energy sector, in conjunction with technical excellence. She believes that the challenge for the nuclear sector, in the context of both a nuclear renaissance and economic crisis, is to create a compelling vision for nuclear to those outside of the sector, and to go beyond the technology. "Set a bold goal!" she advised WiN members.



### WiNSA Works to Demystify Nuclear

Demystifying Nuclear - in the true spirit of WiN to reaching out to all, WiNSA Chapter WiN-PBMR gave presentations on nuclear energy to their cleaning staff and security guards. "It's important that everyone involved with PBMR (Pebble Bed Modular Reactor (pty) Ltd) be given the opportunity to learn more about what we do," explained WiN-PBMR's Carol Mathibe.



The staff members who attended the sessions were all inquisitive about PBMR as a nuclear company, and many of them had very limited knowledge of nuclear energy. Others, with more knowledge, had some misconceptions about nuclear energy which were quickly corrected by WiN members.

By the end of the presentations even the most sceptical of those in attendance were happy to say that they are proud to work for a company like PBMR and appreciate the time taken to educate them about the safe usage of nuclear technology.

#### READING THE SIGNS: WiNSA VISITS TRANSORANJE SCHOOL FOR THE DEAF

The school hall at Transoranje School for the Deaf was filled with the sound of laughter as a comedy skit on stage came to an end. Next up: Women in Nuclear WiN-PBMR. The challenge: to communicate and inform the students about PBMR and nuclear energy - in sign language.

“Communicating about science and technology in sign language can be difficult,” explained Marelize Gous, the school’s interpreter, “it’s not a scientific language as such and there are not always signs that can directly convey scientific terms or concepts.” This means that deaf communities, and in particular deaf learners, don’t always have enough exposure to scientific news and information. This is exactly why WiN-PBMR decided to visit the school during national Deaf Awareness Week – part of their mandate is to promote broad-based understanding in the field of nuclear technology through targeted public information sessions.

Luckily, sign languages are living languages made by real people. They are dynamic and constantly changing, like any natural human language which is capable of developing new vocabulary when needed. This means that while communicating about science in sign language can be challenging it is possible with the right approach. The Transoranje School for the Deaf successfully teaches science up until grade nine, “and we’re looking for new and interesting ways to bring science education into our school,” says science teacher Thinus de Waal.

“We knew that we needed to be sensitive to the fact that deaf learners need a highly visual presentation,” says WiN-PBMR’s Ronel Laage, who coordinated the school visit. The presentation was designed with this in mind, and was sent to the school beforehand to ensure the interaction would be successful and be aligned with the students existing knowledge and aptitude.

The WiN presentation is interactive, meant to engage the kids. “What is energy?” asked WiNner Mary Fechter as Marelize translated the question into sign language. The kids were shy at first, but when they realize there were prizes at stake, the competition heated up, with the children signing their answers fast and furiously. On the screen, images

made it easier for the children to follow the presentation. “Do we have enough energy in South Africa?” hands shoot up and the children sign “No no no!” The questions continued: “Where does energy come from, what is nuclear energy, is nuclear energy safe?” Each question gives the WiN representatives an opportunity to explain a little more about what we do and the kids were eager for more.

At the end of the presentation the school staff confirmed that the students interaction and presentation was excellent, much of what was presented was new to them, but understandable. The children also enjoyed a party, courtesy of WiN-PBMR, and the financial contributions of their generous employees. The money will be used for the school’s busy counselling service, which assist the students with personal and school related issues.

WiNners gained much from the experience. “It was hard to judge the responses at first, but the kids were great-I think we learned as much as they” commented WiNner Beauty Monamodi. You can find out more about the school and their needs on their website: <http://transoranje.webs.com/>.



#### WiNSA IS PARTNERING TO PROMOTE NUCLEAR

WiNSA chapters are informal partners of the Cell C initiative. This gives the employees the opportunity to bring their girl children to work and show them what it is to work in a nuclear company, the atmosphere, and the people. What type of work is done and what type of job careers are available at the company. They receive counselling in what choices to make during their school carriers to open them the path for certain job careers.

#### WiNSA IS EXPANDING NUCLEAR KNOWLEDGE

Nuclear Attraction Strategy: WiN-Koeberg will be involved in the attraction of women to the next Nuclear Generation by engaging in projects such as Adopt a girl-child focusing on historically-disadvantaged schools, Take a girl child to work, Project Newton, Winter Schools, Mentoring bursars, Campus visits and Study buddies.

Nuclear Awareness: WiN is currently engaged in site non-technical events, where the businesses invite non-technical employee who don’t often go to the plant and educate and tour them to the plant. We are also involved in the induction program and are currently looking at a WiN newsletter to be published internally in businesses.

For more information on these or other WiNSA activities please contact Renee Penman, WiN-WE-SA; Dianne Tipping-Woods, PBMR Pebble World; or Isabel van Rooyen: WiNSA-Communication.



## CELEBRATING SUCCESS

### WiN France - Honours the Female Entrepreneurs of Marseille.

Dominique Mouillot, WiN France President received this prestigious national award in the category "new professions and innovation".



The reward, which has effects at all levels of the local economy, pays tribute to the small family of women who are at the head of business enterprises. The award is given by the association "Femmes chefs d'Entreprise (FCE) France". This accomplishment signifies that Marseille's entrepreneurial know-how is truly recognised and rewarded at a national level.

To the great satisfaction of Anne Rosier, President of the FCE Marseille: "It's the result of the work of an entire team". Anne Rosier is at the head of this association, run by women of all ages and backgrounds, with a much diversified scope of activities whose companies are deeply anchored in the local economy.

The laureate is President of Onet Technologies, and has in 10 years of leadership increased sales 8 times over. Ms Dominique Mouillot is considered to be among the international experts in her specialized field. When it comes to economic development, the know-how of Marseille's women entrepreneurs is indeed recognised in Parisian circles.

### WiN Taiwan Jyi-Lan Wu

Jyi-lan Wu was honored recently with the Best Performance Award for Safe Operations of Radioactive Waste Management, by the Fuel Cycle and Materials Administration of the Atomic Energy Council, for her significant contributions to technical methodology of new regulations and her outstanding achievement in waste volume reduction. Ms. Wu, an assistant researcher at the Institute of Nuclear

Energy Research, was recognized for establishing independent capabilities of clearance measurement and dose assessment as well as for implementing free release operations by releasing as much as 2,300 tons of INER's waste concrete blocks and metal during 2007-2008. Jyi-lan is currently president of WiN Taiwan (2008-2010). She attributed her success to great team work and full support from her family members.



Jyi-Lan Wu with FCMA Director Ching-Tsuen Huang (left) and AEC Chairman Minister Chuen-Hong Tsai (right).



## MARK YOUR CALENDARS

### Upcoming Event in Burgundy

Nabuo Tanaka, Executive Director International Energy Agency (IEA) will inaugurate the "International Nuclear Academy" in Dijon, on 3 April 2009. Please contact Anne-Marie Corinne QUIBEL, Employment and Professional Action Commission, WiN France for more information.

### WiNSA Bring a Girl Child to Work: 28 May 2009

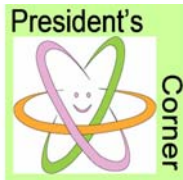
WiNSA chapters are informal partners of the Cell C initiative as they bring their girl children to work and show them what it is to work in a nuclear company.

### 2009 Country Reports

The initial draft of the 2009 Country Reports are due by April 30, 2009 to the WiN Global President, Cheryl Boggess (boggesscl@Westinghouse.com) and the WiN Secretariat, Isis Stafford (Stafford@world-nuclear.org).

### 2009 WiN Award Votes

All votes for the 2009 WiN Award must be submitted to the WiN Global President and the WiN Secretariat by April 30, 2009.



What a year so far. Have you ever felt that you were on a roller coaster and did not want to ride? No matter life continues and we all must strive for excellence in all we do.

*"The Quality of a Leader is found in the standards they set."*

Ray Kroc, Founder McDonald's Corporation

This quote is especially true when we consider the work of WiNners. In our recent Executive and Board meetings we observed that the President of WiN is not a soloist or a dictator. The role of the WiN President is rather to facilitate and work to establish an environment to enable the members to achieve excellence. Like a coach would work with a team. The Executives and Board Members in turn must live the Vision of WiN by working the Mission of WiN to achieve the Goals and Objectives of WiN. They all do this by example and set performance standards. Critical to success is being welcoming to new members and providing relevant direction in responding to the issues brought before the membership.

We have set high standards for WiN and are determining a path to follow to achieve them through the efforts of our Committees and the actions outlined in the Strategic Plan. The dedicated work of the Strategic Planning Committee has been truly remarkable. The outstanding effort of the Messaging Committee members under the leadership of Dominique Mouillot will go a long way in equipping WiNners with the words to meet the challenges of the future. But it is clearly the efforts of the individual members in striving for excellence in performance that will make all the difference.

I wonder – what are you doing to make a difference? Are you volunteering? Are you looking for challenges in your daily endeavors? Are you communicating with your colleagues? With the public?

I often think of my day-to-day efforts like someone building a puzzle. First I find the corners and start defining the boundaries. Once I have an outline, I have something concrete to build upon. But without a picture to follow, the completed work is hidden in the chaos and confusion of the scattered puzzle pieces.



Only by sifting and sorting through the individual pieces and connecting them in an orderly fashion does the true beauty of the picture start to be revealed.



Do you have the picture of what WiN can be?

I hope so. WiN has, from the beginning been welcoming and relevant to all. As we move into the future it is even more important to retain this focus. New members are being added each day and WiN must continue to build bridges to communication and to understanding. More importantly, WiN must continue to be a source of factual information on nuclear technologies and a forum for exchanging information and raising awareness of the benefits of nuclear and radiation applications.

WiN is a **pro-fact** organization. Built up by knowledgeable professionals and committed to the on-going development of the members. There are pros and cons in the application of each nuclear technology. When considering the facts WiNners must be informed on both perspectives, positive and negative. The interaction with the uninformed must always be conducted in an open, approachable and professional manner.

By making facts known people will understand the beneficial use of the technologies WiNners employ. The technology speaks for itself in contributing to an improved existence for all human kind. WiNners play a strategic role in reaching out to the uninformed or mis-informed general public. Engaging the Public with a message that connects and communicates,  $E=mc^2$ .

The foundation of WiN was well laid. As we look at our organization, the cornerstones set by our founders have remained solid. We simply need on occasion to re-affirm our commitment as members to rise to the standards already set. This is basic fundamental WiN. It is good at times to get back to basics and inspect the foundation to make sure it remains solid. The Strategic Plan will help us in doing this. But it is up to each of us, individually, to achieve excellence in our own performance.

Enjoy the day!  
Cheryl

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