



*Nuclear Technology: Supporting Sustainable Socio-economic Development*

**Country Report, WiN Chapter**

Date: 07 October 2013

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2013 WiN-Global Annual Conference  
October 6 – 11, 2013 | Hyatt Regency Johannesburg, South Africa



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**WiN Taiwan – Background**

- Founded in 1994
- Division under Chung Hwa Nuclear Society
- National members: 158 Global members: 48
- Steering and Advisory Committee meets every 2~3 months; workgroup meetings
- President/Vice President: 2012~2014

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**Nuclear Facilities in Taiwan**

- Nuclear Power Plants and Performance
  - Number of reactors in operation: 6
  - Share of electricity from nuclear in 2012: 16.1%
  - Average capacity factor in 2012: 89.9%
  - Number of reactors under construction: 2
  - None in decommissioning phase
- Research Reactors
  - Tsing Hua University Open-pool Reactor (THOR)

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**Waste Management**

- Repository for L&IL waste – site selection
  - Two recommended candidate sites selected
  - County referendum required
  - Law to be amended to streamline process
- Repository for HL waste – host rock investigation
  - Drilling in Hualien halted 2012
  - Research in Kingmen interrupted 2013
  - PA issues – More communication needed

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**WiN-Taiwan activities during 2012/13**

- Activities for training and networking
  - 2012 WiN Global Annual Meeting, Kalmar, May
  - 2012 WiN Taiwan Annual Meeting, Longtan, August
  - 2012 Forum on Intelligent Power of Women, Taipei, September



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- Activities for training and networking (cont.)

- 2012 Fall Seminar, Taipei, November
- 2013 Spring Outing, Yilan, March
- 2013 WiN Taiwan Annual Meeting, Hsinchu, August
- 2013 APNN/ConWiST, Taipei, September



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- Activities for communication & public acceptance

- High School Students to Japan August 2012
- Science Camps, July 2013
- Dialogues with Concerned Mothers, May 2013
- E-Newsletters, ongoing



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## Challenges and future plans

- For WiN Taiwan
  - Most activities continue in coming year
  - Membership database overhaul in 2014

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## Challenges and future plans for Taiwan

- On-site dry storage of spent nuclear fuel
  - Chinshan NPP – operation in 2014
  - Kuosheng NPP – PSAR reviewed
- Lungmen NPP
  - Growing public concern
  - National referendum
  - Safety re-inspection
  - International peer reviews
- Government reform
  - Independence of regulatory body
  - Authority, competence and resources

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Thank you for your attention!