

WiN-Global 2006 Country Report for: *BRAZIL*

Presented by:

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About nuclear in Brazil



- Number of reactors in service: Angra I and Angra II
- Percent of electricity from nuclear: 3 % (1,902 MW)
- Reactor types
 - Westinghouse and AREVA (KWU)
- Future of nuclear power in Brasil
 - Angra III still under discussion, 7 new planned
- Number of WiN members: 24 +10 applications

About nuclear in Brazil



Sharing Best Practice



October: a Month for Science and Technology

A communication achievement

Parks and railway stations **are also** places where scientists promote the result of their researches.

The National Science and Technology week occurs every year during October, to make science more popular.

333 cities in all Brazil

7.000 free activities

844 institutions (10 nuclear)





About our achievement



- Networking : Collaboration and Motivation
- WIN in the heart
- Focus in the objective: nuclear communication
- Looking for sustainable ways, instead of independent and small initiatives

Key points



- Government: Secretary of Popularization and Diffusion of Science and Technology
- Nuclear professionals: talk clearly only about what fully understand
- Communication sectors: know better what is the message to communicate, according to the mission of the organization – interact more with technical people
- Technical sectors: should also communicate, as part of the job
- Public: face nuclear as having a past, a present and a future and not as possibility

Regulators also communicate!



GARIMPO



Preventive measures to avoid contamination with U and Th



Cuidados no garimpo com os minérios radioativos: Urânio e Tório



Cuidados no garimpo com os minérios radioativos: Urânio e Tório

Identificar os minérios radioativos só é possível com equipamentos especiais
Tome alguns cuidados simples para evitar danos à saúde:

Use um pano limpo no rosto para não respirar ou engolir a poeira



Lave o pano do rosto todos os dias



Cuidado para não se machucar provocando cortes ou feridas; use botas e luvas



Não coma, não beba e não fume no garimpo



Lave as mãos antes de comer



Não passe as mãos na boca e nos olhos sem lavá-las antes



Não deixe feridas descobertas, cubra-as com um pano limpo. Se você sujar a ferida, lave-a imediatamente



Não cumprimente e não abrace os outros com as mãos sujas



Tome banho e troque de roupa antes de ir para casa



A garimpagem, a armazenagem e o comércio de minério radioativo são atividades perigosas